LG Seeds is a member of AgReliant Genetics – one of the largest independent, seed-only organizations in the United States. AgReliant Genetics prides itself on being farmer-focused and developing unique hybrids with diverse genetics and a variety of trait options. Farmers can be confident they’re getting the best seed for their farm with LG Seeds hybrids powered by AgReliant Genetics research.

AgReliant Genetics is committed to offering unique hybrids with diverse trait options. Access to every major trait package, coupled with our own unique genetics, gives farmers the advantage of the latest in crop technology and the best traits in the industry.

Farmers need more than just high yield. That’s why AgReliant Genetics breeds for environmental adaptability, optimal plant health and farmer ROI. We take an aggressive approach to developing the best hybrids that minimize risk and help farmers get the most out of every acre.
### MODE-OF-ACTION COMPARISONS

#### Traits

<table>
<thead>
<tr>
<th>Trait</th>
<th>SMARTSTAX®</th>
<th>VT DOUBLE PRO®</th>
<th>TRECETA®</th>
<th>AGRISURE DURACADE® 5222</th>
<th>AGRISURE DURACADE® 5122</th>
<th>AGRISURE VIPTERA® 3111</th>
<th>AGRISURE VIPTERA® 3330</th>
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</thead>
<tbody>
<tr>
<td>Corn Belt</td>
<td>5% RIB Complete®</td>
<td>5% RIB Complete®</td>
<td>5% E-Z Refuge®</td>
<td>5% E-Z Refuge®</td>
<td>20% Refuge</td>
<td>5% E-Z Refuge®</td>
<td>5% E-Z Refuge®</td>
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<tr>
<td>Cotton Growing Area</td>
<td>20% Refuge</td>
<td>20% Refuge</td>
<td>20% Refuge</td>
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#### Herbicide Tolerance

<table>
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<tr>
<th>Trait</th>
<th>Agrisure Duracade® 5222</th>
<th>Agrisure Viptera® 3111</th>
<th>Agrisure Viptera® 3330</th>
<th>Optimum® AcreMax® 1</th>
<th>Optimum® AcreMax® XTRA</th>
<th>Optimum® AcreMax® XTREME</th>
<th>Pioneer® GroE®</th>
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<tbody>
<tr>
<td>Corn earworm (Helicoverpa zea)</td>
<td>Glyphosate Tolerant LibertyLink®</td>
<td>Glyphosate Tolerant LibertyLink®</td>
<td>Glyphosate Tolerant LibertyLink®</td>
<td>Glyphosate Tolerant LibertyLink®</td>
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<td>Western Bean Cucumber (Ricinus communis)</td>
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<td>European corn borer (Ostrinia nubilalis)</td>
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<td>Southwestern corn borer (Diatraea grandiosella)</td>
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<td>Black cutworm (Agrotis ipsilon)</td>
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<td>Northern corn rootworm (Diabrotica barberi)</td>
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<tr>
<td>Western corn rootworm (Diabrotica virgifera virgifera)</td>
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<tr>
<td>Mexican corn rootworm (Diabrotica virgifera eox)</td>
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</table>

#### Herbicide Resistance

- **5% RIB Complete®**
- **5% E-Z Refuge®**
- **10% Below 20% Above**
- **5% Rib®**
- **20% Refuge**
- **5% RIB Complete®**
- **20% Refuge**
- **5% RIB Complete®**
- **5% RIB Complete®**
- **5% Rib®**
- **20% Refuge**
- **20% Refuge**
- **20% Refuge**
- **20% Refuge**
- **20% Refuge**
- **20% Refuge**
- **5% Rib®**
- **20% Refuge**

**Note:** Please read seed tag to confirm the herbicide tolerance of the refuge component before use of glufosinate or glyphosate.

**DuPont Pioneer claims suppression of corn earworm on the Optimum® AcreMax® 1, Optimum® AcreMax® XTRA, and Optimum® AcreMax® XTREME labels.**

**Syngenta claims suppression of corn earworm with Bt11.**

Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.

Agrisure Duracade® 5222, Agrisure Viptera® 3111, Agrisure Viptera® 3330, and Agrisure Viptera® 3110 contain Agrisure Artesian® technology.

---

**Mode of Action = Control of Pest**

**Single mode activity**

**Dual mode activity**

**Triple mode activity**

*Please read seed tag to confirm the herbicide tolerance of the refuge component before use of glufosinate or glyphosate.*

*DuPont Pioneer claims suppression of corn earworm on the Optimum® AcreMax® 1, Optimum® AcreMax® XTRA, and Optimum® AcreMax® XTREME labels.**

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Agrisure Duracade® 5222, Agrisure Viptera® 3111, Agrisure Viptera® 3330, and Agrisure Viptera® 3110 contain Agrisure Artesian® technology.**
**PLANT CHARACTERISTICS**

RM
Relative maturity (RM) based on physiological maturity and harvested moisture.

PLANT HEIGHT:
- MS = Medium-short
- M = Medium
- MT = Medium-tall
- T = Tall

EAR HEIGHT:
- L = Low
- ML = Medium-low
- M = Medium
- MH = Medium-high
- H = High

EAR TYPE:
- SF = Semi-Flex
- F = Flex
- FXD = Fixed

TEST WEIGHT:
Higher scores indicate heavier test weights.

**PLANT POPULATION**
Desired final population stand. This should be adjusted to specific management and environmental circumstances.

**ADAPT TO NO-TILL**
This rating is closely related to emergence and early growth, as soils planted no-till are often colder and wetter.

**CONTINUOUS CORN**
Takes into account the overall health rating of a product because of increased disease pressure of planting corn following corn.

**PLANT HEALTH**

**FUNGICIDE RESPONSE**
In adverse disease environments, low, moderate or high, indicates response to fungicide application.

**DISEASE TOLERANCE**
In adverse disease environments, 9 indicates a high tolerance and 1 indicates a poor tolerance.

**AGRONOMIC CHARACTERISTICS**

**GDU**
The number of heat units (Growing Degree Units) required by a corn plant from the time it is planted to reach silk, pollen and black layer.

**PLANT VIGOR**
Rate of emergence and early growth. Highest scores are fastest.

**DRYDOWN**
Higher scores indicate faster drydown. Use to compare with products of similar maturity.

**STAYGREEN**
Ability of the plant to maintain photosynthates in the leaves and stalk longer during the season.

**DROUGHT TOLERANCE**
Higher scores indicate tolerance to heat stress and other conditions. Not an absolute rating, extreme conditions will likely affect performance.

**GREENSNAP TOLERANCE**
During periods of rapid growth, before pollination, some products are more susceptible to summer stalk breakage when subjected to high winds. Across the Corn Belt, potential of summer stalk breakage increases progressively to the west. Lower ratings are most susceptible to breakage.

**FLOWERING FOR MATURITY**
Flowering occurs earlier at the same time (mid) or later as compared to similar maturity products.

**HARVEST APPEARANCE**
Higher scores indicate better plant intactness later into the harvest season.

**PRODUCT RATINGS**
These products come straight from the LG Seeds research program and have been accelerated to commercial availability.

**COMMON ABBREVIATIONS**

NCLB Northern Corn Leaf Blight
SCLB Southern Corn Leaf Blight
GLS Gray Leaf Spot
ASR Anthracnose Stalk Rot
HEC Hard Endosperm Corn

**TRAIT VERSIONS**
This table outlines abbreviation method LG Seeds uses to designate the value-added trait versions currently offered for corn:

<table>
<thead>
<tr>
<th>Trait Version</th>
<th>Description</th>
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<tbody>
<tr>
<td>TRCRIB</td>
<td>Trecepta® RIB Complete® Corn Blend</td>
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<tr>
<td>STXRB</td>
<td>SmartStax® RIB Complete® Corn Blend</td>
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<tr>
<td>VT2PRIB</td>
<td>VT Double PRO® RIB Complete® Corn Blend</td>
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<tr>
<td>RR</td>
<td>Roundup Ready® Corn 2</td>
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<tr>
<td>3220AEZ</td>
<td>Agrisure Duracade® 3220A E-Z Refuge®</td>
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<td>3220EZ</td>
<td>Agrisure® 3220 E-Z Refuge®</td>
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<td>3330AEZ</td>
<td>Agrisure® 3330A E-Z Refuge®</td>
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</table>

Legend:
- NCLB: Northern Corn Leaf Blight
- SCLB: Southern Corn Leaf Blight
- GLS: Gray Leaf Spot
- ASR: Anthracnose Stalk Rot
- HEC: Hard Endosperm Corn

Characteristics are assigned by LG Seeds based on comparisons with other LG Seeds products (not competitive products) through in-house field testing. Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.
Simplified Product Placement

This Mix Matters Tool brings the product placement approach to the palm of your hand.

Create a product plan in three steps with the Mix Matters Tool.

Accelerated Hybrid Access

Get access to cutting-edge genetics even faster with our conventional Fast Track lineup.

See the future of corn technology with Fast Track hybrids.

Yield – With An Agronomic Edge

Mix Maker products compliment your hybrid mix by bringing high yield potential, with an agronomic edge.

Take control of your fields with strategically placed Mix Makers.

CONVENTIONAL

PRODUCT INFORMATION

LG27C31 is a 77-day conventional hybrid with very good agronomics and excellent yields. This product is a great grain or silage option in the Pacific Northwest, Colorado front range, and other environments where the maturity is appropriate.

- Medium to medium-tall plants with adequate husk cover. Ear set is very even down the row with good girth. Test weight is very good.
- Exceptional health with very good tolerance to NCLB.
- Very good option for early planting.
- Handles variable soil types and has shown excellent drought tolerance.

PLANT CHARACTERISTICS

Early Vigor .................................................. 8
Stalk Strength .............................................. 8
Root Strength ............................................. 8
Greenrap ...................................................... 8
Drydown ..................................................... 7
Staygreen ..................................................... 8
Drought Tolerance ....................................... 8
Test Weight .................................................. 7
Harvest Appearance ...................................... 8
Hard Endosperm ......................................... N/A
GDD - Pollen .............................................. 1070
GDD - Silk .................................................. 1070
GDD - Black Layer ...................................... 2020
Plant Height ............................................... MT
Ear Height ................................................... M
Ear Type .................................................... SF
Flowering for Maturity .............................. EARLY

MANAGEMENT TIPS

LG27C31 moves across soil types very well. Has excellent emergence and early vigor. Flowers early for its maturity. Excellent leaf disease package and late season staygreen. Very stable hybrid as well across all yield environments. Excellent silage or grain option. Silage growers should use a kernel processor.

MANAGEMENT PRACTICES

<table>
<thead>
<tr>
<th>Management Tips</th>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Silo</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-To</th>
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DISEASE RATINGS

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<th>Low Pop</th>
<th>Med Pop</th>
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</table>

HERBICIDE INTERACTION

None noted

Mix Matters is all about planning for results. Our goal is to increase ROI for your farm by maximizing each field with a product plan built for success. One-size-fits-all hybrids are old news – which is why we walk through a seamless planning process to find a unique hybrid that fits each individual field.
LG32C25 performs well in its adapted maturity zone with good east to west movement. Plant at moderate to moderate-high populations for best performance. Early flowering allows for good northern movement.

**MANAGEMENT TIPS**

- **Early Vigor**: 7
- **Stalk Strength**: 7
- **Root Strength**: 8
- **Greenanp**: 8
- **Drought Tolerance**: 7
- **Test Weight**: 8
- **Harvest Appearance**: 8
- **Hard Endosperm**: No
- **GDD - Pollen**: 1120
- **GDD - Silk**: 1125
- **GDD - Black Layer**: 2070
- **Plant Height**: M
- **Ear Height**: M
- **Ear Type**: S/F
- **Flowering for Maturity**: EARLY

**PRODUCT INFORMATION**

LG32C25 brings a new level of yield potential to the early 80 day maturity. This product provides a medium-statured plant with very good plant health. Strong agronomics allow this LG32C25 to be utilized across many soil types:

- Medium height plant with good test weight grain.
- Very good stalk and root strength.
- Good staygreen provides an attractive appearance late into the season.
- Strong Goss's Wilt, NCLB and greenanp ratings.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>EARLY VIGOR</th>
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<tbody>
<tr>
<td>STALK STRENGTH</td>
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<td>ROOT STRENGTH</td>
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<td>GREENANP</td>
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<td>HARD ENDOSPERM</td>
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<td>GDD - POLLEN</td>
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<td>GDD - SILK</td>
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<tr>
<td>FLOWERING FOR MATURITY</td>
<td>EARLY</td>
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</table>

**HERBICIDE INTERACTION**

None noted.
**CONVENTIONAL**

**EVALUATION**

**PRODUCT INFORMATION**

LG34CM produces excellent quality grain from medium statured plants that can tolerate higher populations and stand well in the fall for harvest. It is a high yielding, dual purpose product and is approved as HEC or food grade corn in some markets.

- **Very good** yield potential, especially in stress environments.
- **Very consistent** semi-flex ears with average girth. Best performance has been at higher populations.
- **Very good** GCLB tolerance, average Goss’s Wilt. Manage accordingly.

**PLANT CHARACTERISTICS**

**EARLY VIGOR**

8

**STALK STRENGTH**

8

**ROOT STRENGTH**

8

**GREENMANGE**

8

**DRYDOWN**

5

**STAYGREEN**

8

**DROUGHT TOLERANCE**

7

**TEXT WEIGHT**

6

**HARVEST APPEARANCE**

8

**SOIL TOLERANCE**

Yes

**GDD - Pollen**

121

**GDD - Silk**

128

**GDD - Black Layer**

2128

**PLANT HEIGHT**

M

**EYE HEIGHT**

M

**EAR TYPE**

5F

**FLOWERING FOR MATURITY**

**CONCEPT**

**EARLY**

**MANAGEMENT TIPS**

Good east to west movement in the early maturity regions. Be aware the Goss’s Wilt rating is average. Best used when expected disease pressure is low to moderate.

**MANAGEMENT PRACTICES**

**HERBICIDE INTERACTION**

None noted

**DISEASE RATINGS**

**PRODUCT INFORMATION**

LG5370 has top-end yield potential and good test weight grain. Ears have good flex and girth. Plants have good late season appearance and stay green.

- **Top end yield** potential from moderately statured plants that produce ears having good flex and girth.
- **Gron** is of good test weight; great late season appearance and average greensnap tolerance.
- **Good** NCLB and Eyespot tolerance; conveys very good specific tolerance to ASR.
- **Fungicide Response** - Moderate

**PRODUCT INFORMATION**

LG5375 is early flowering for its maturity with great agronomics, producing grain with good test weight. A medium to shorter statured plant with semi-flex ears.

- **Widely adapted with excellent top-end yield potential, very early flowering for its maturity**
- **Great agronomic package**, strong stalks and roots and high grain quality with flared open husks at maturity.
- Very good disease characterizations including average Goss’s Wilt, solid stress and greensnap tolerance.
- Can be planted in corn after corn situations but should be scouted for possible fungicide applications.

**PRODUCT INFORMATION**

LG5375 is early flowering for its maturity with great agronomics, producing grain with good test weight. A medium to shorter statured plant with semi-flex ears.

- **Widely adapted with excellent top-end yield potential, very early flowering for its maturity**
- **Great agronomic package**, strong stalks and roots and high grain quality with flared open husks at maturity.
- Very good disease characterizations including average Goss’s Wilt, solid stress and greensnap tolerance.
- Can be planted in corn after corn situations but should be scouted for possible fungicide applications.
### LG36C55

**PRODUCT INFORMATION**

LG36C55 is a new conventional offering from LG Seeds. Very good performance east to west, along with good southern movement for its maturity. LG36C55 has a fit across a wide range of acres.

- Very high yielding across the northern growing regions from east to west.
- Very good emergence and early vigor make it a good candidate for early planting.
- Overall good disease package including a strong tolerance to Goss’s Wilt and NCLB.
- Very good late season plant health and staygreen.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Vigor</td>
<td>7</td>
</tr>
<tr>
<td>Stem Strength</td>
<td>8</td>
</tr>
<tr>
<td>Root Strength</td>
<td>8</td>
</tr>
<tr>
<td>Greensnap</td>
<td>8</td>
</tr>
<tr>
<td>Drydown</td>
<td>7</td>
</tr>
<tr>
<td>Staygreen</td>
<td>8</td>
</tr>
<tr>
<td>Drought Tolerance</td>
<td>8</td>
</tr>
<tr>
<td>Test Weight</td>
<td>6</td>
</tr>
<tr>
<td>Harvest Appearance</td>
<td>7</td>
</tr>
<tr>
<td>Hard Endosperm</td>
<td>No</td>
</tr>
<tr>
<td>GDD - Pollen</td>
<td>115</td>
</tr>
<tr>
<td>GDD - Silk</td>
<td>121</td>
</tr>
<tr>
<td>GDD - Black Layer</td>
<td>2155</td>
</tr>
<tr>
<td>Plant Height</td>
<td>M</td>
</tr>
<tr>
<td>Ear Height</td>
<td>M</td>
</tr>
<tr>
<td>Ear Type</td>
<td>SF</td>
</tr>
<tr>
<td>Flowering for Maturity</td>
<td>EARLY</td>
</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

Very good emergence and early vigor make this product suitable for early planting and no-till environments. Performance is strengthened when yield levels increase. LG36C55 is a good dual purpose product, so it can be used for grain, high moisture corn and silage.

**MANAGEMENT PRACTICES**

- Low Pop: 28-36,000
- Med Pop: 28-36,000
- High Pop: 28-36,000

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>7</td>
</tr>
<tr>
<td>S. Leaf Blight</td>
<td>N/A</td>
</tr>
<tr>
<td>Gray Leaf Spot</td>
<td>N/A</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>N/A</td>
</tr>
<tr>
<td>Bacterial Wilt</td>
<td>7</td>
</tr>
<tr>
<td>Common Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Southern Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Fungicide Response</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

Caution with sulfonylureas

### LG36C62

**PRODUCT INFORMATION**

LG36C62 excels across multiple yield environments with great emergence and early vigor. High yield potential is furnished by good standing plants with great fall appearance.

- Excellent top-end yield potential from medium-tall plants that stand well into the fall.
- Very gritty ears produce quality grain of good test weight.
- Generally very good to excellent disease characterizations; average response against Goss’s Wilt.
- Very attractive appearance throughout the growing season with good shogreen and fall intactness.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Vigor</td>
<td>8</td>
</tr>
<tr>
<td>Stem Strength</td>
<td>8</td>
</tr>
<tr>
<td>Root Strength</td>
<td>7</td>
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<tr>
<td>Greennap</td>
<td>8</td>
</tr>
<tr>
<td>Drydown</td>
<td>8</td>
</tr>
<tr>
<td>Staygreen</td>
<td>8</td>
</tr>
<tr>
<td>Drought Tolerance</td>
<td>7</td>
</tr>
<tr>
<td>Test Weight</td>
<td>8</td>
</tr>
<tr>
<td>Harvest Appearance</td>
<td>8</td>
</tr>
<tr>
<td>Hard Endosperm</td>
<td>No</td>
</tr>
<tr>
<td>GDD - Pollen</td>
<td>115</td>
</tr>
<tr>
<td>GDD - Silk</td>
<td>115</td>
</tr>
<tr>
<td>GDD - Black Layer</td>
<td>2177</td>
</tr>
<tr>
<td>Plant Height</td>
<td>M</td>
</tr>
<tr>
<td>Ear Height</td>
<td>M</td>
</tr>
<tr>
<td>Ear Type</td>
<td>SF</td>
</tr>
<tr>
<td>Flowering for Maturity</td>
<td>MED</td>
</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

Top performance on medium textured soils and can handle irrigated sands well. Plant stature would indicate good potential as a dual purpose product. Can be effectively used in com-after-corn situations.

**MANAGEMENT PRACTICES**

- Continuous Corn: 30-36,000
- Adapt No-Till: 30-36,000

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>7</td>
</tr>
<tr>
<td>S. Leaf Blight</td>
<td>N/A</td>
</tr>
<tr>
<td>Gray Leaf Spot</td>
<td>N/A</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>N/A</td>
</tr>
<tr>
<td>Bacterial Wilt</td>
<td>6</td>
</tr>
<tr>
<td>Common Rust</td>
<td>8</td>
</tr>
<tr>
<td>Southern Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Fungicide Response</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

None noted
**LG37C33**

**CORN DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>8</td>
</tr>
<tr>
<td>S. Leaf Bight</td>
<td>N/A</td>
</tr>
<tr>
<td>Gray Leaf Spot</td>
<td>N/A</td>
</tr>
<tr>
<td>Goss’s Bacterial Wilt</td>
<td>7</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>N/A</td>
</tr>
<tr>
<td>Eyepoint</td>
<td>N/A</td>
</tr>
<tr>
<td>Common Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Southern Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Fungicide Response</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**PLANT CHARACTERISTICS**

- **Ear Type:** 8
- **Plant Height:** 8
- **GDD - Black Layer:** 9
- **GDD - Silk:** 9
- **GDD - Pollen:** 9
- **Hard Endosperm:** 9
- **Harvest Appearance:** 9
- **Test Weight:** 9
- **Drought Tolerance:** 9
- **Ear Height:** 9
- **Ear Type:** 9
- **Flowering for Maturity:** EARLY

**HERBICIDE INTERACTION**

- None noted

**MANAGEMENT TIPS**

- Broadly adapted from east to west. Flowers early for its maturity and performs well north of its adapted zone. Ears have an open, semi-loose husk that aids in fast fall drydown. Performs best at higher populations.

**PRODUCT INFORMATION**

LG37C33 adapts well across the northern Corn Belt. Tall plants with moderately gritty, consistent ears that produce quality grain with very good test weight, and is approved as HEC or food grade corn in some markets.

- Good yield date from large, deep kernel set. A taller plant with medium tall ear height.
- Very good late season integrity, fast drydown, good stalks.
- Very good NCLB tolerance.
- Well adapted to early season environments.

**MANAGEMENT PRACTICES**

- High Pop
- Low Pop
- Adapt No-Till

**DISEASE RATINGS**

- N. Leaf Blight: 8
- S. Leaf Bight: N/A
- Gray Leaf Spot: N/A
- Goss’s Bacterial Wilt: 7
- Anthracnose: N/A
- Eyepoint: N/A
- Common Rust: N/A
- Southern Rust: N/A
- Fungicide Response: N/A

**LG38C47**

**CORN DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>7</td>
</tr>
<tr>
<td>S. Leaf Bight</td>
<td>N/A</td>
</tr>
<tr>
<td>Gray Leaf Spot</td>
<td>N/A</td>
</tr>
<tr>
<td>Goss’s Bacterial Wilt</td>
<td>8</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>N/A</td>
</tr>
<tr>
<td>Eyepoint</td>
<td>N/A</td>
</tr>
<tr>
<td>Common Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Southern Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Fungicide Response</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

**PLANT CHARACTERISTICS**

- **Ear Type:** 8
- **Plant Height:** 8
- **GDD - Black Layer:** 9
- **GDD - Silk:** 1150
- **GDD - Black Layer:** 2210
- **Hard Endosperm:** 10
- **GDD - Pollen:** 1550
- **GDD - Silk:** 1150
- **GDD - Black Layer:** 2210
- **Plant Height:** 7
- **Ear Height:** M
- **Ear Type:** Sf
- **Flowering for Maturity:** LATE

**HERBICIDE INTERACTION**

- None noted

**MANAGEMENT TIPS**

- Exhibits stability across variable soils and high-yield environments. Excellent emergence and vigor make it a good fit for no-till fields. Great harvest standability comes from excellent stalks and late season plant health.

**PRODUCT INFORMATION**

LG38C47 shows very consistent performance with good overall agronomic characteristics. Broadly adapted in western and central environments in its maturity zone.

- Long semi-flex ear type with an open husk.
- Excellent stalks, roots and late season plant health.
- Excellent Goss’s Wilt tolerance with strong western performance.
- Performs best in its adapted maturity.
LG5410

PRODUCT INFORMATION

LG5410 adapts well across the northern Corn Belt with strong northern movement. Taller plants and grilly, fine ears that produce quality grain of average test weight.

- Very good yield potential and is Stage Proven.
- Good agronomics: plant vigor, ear flex, standability, drought tolerance, and fast fall drydown.
- Very good disease characterizations including superior Eyespot, NCLB, Goss’s Wilt, and Common Rust ratings.
- Exhibits good tolerance to ASR.

PLANT CHARACTERISTICS

| Early Vigor | 9 |
| Stalk Strength | 7 |
| Root Strength | 8 |
| GreenSnap | 8 |
| Drydown | 9 |
| StayGreen | 7 |
| Drought Tolerance | 8 |
| Test Weight | 7 |
| Harvest Appearance | 7 |
| Hard Endosperm | No |
| GDD - Pollen | 1244 |
| GDD - Silk | 1218 |
| GDD - Black Layer | 2344 |
| Plant Height | T |
| Ear Height | M |
| Ear Type | SF |
| Flowering for Maturity | EARLY |

MANAGEMENT TIPS

Broady adapted from east to west. Flowers early for its maturity and performs well south of its adapted zone. Performs best at higher populations. Avoid poorly drained soils. Benefits from sidedress applications and higher rates of nitrogen. Adapts well in the High Plains dryland environments. Can be effectively used when planted in continuous corn.

MANAGEMENT PRACTICES

- Low Pop: 28-36,000
- Med Pop: 24-36,000
- High Pop: 22-34,000

DISEASE RATINGS

- N. Leaf Blight: 7
- S. Leaf Blight: 9
- Goss’s Wilt: 7
- Eyespot: 9
- Gray Leaf Spot: 8
- Anthracnose: 9
- Common Rust: 9
- Southern Rust: 9
- Fungicide Response: Moderate

HERBICIDE INTERACTION

None noted.

LG42C16

PRODUCT INFORMATION

LG42C16 performs well in western environments and has very strong agronomic features. Midseason plants. Plant stature indicates possible use as a silage product.

- Great fit for the western Corn Belt with top-end yields and average test weight.
- Medium-tall plant stature with strong emergence, good stalks and roots. Very good greenSnap rating.
- Very good Goss’s Wilt and NCLB tolerance.
- Excellent irrigation option.

PLANT CHARACTERISTICS

| Early Vigor | 8 |
| Stalk Strength | 8 |
| Root Strength | 8 |
| GreenSnap | 8 |
| Drydown | 9 |
| StayGreen | 9 |
| Drought Tolerance | 8 |
| Test Weight | 6 |
| Harvest Appearance | 6 |
| Hard Endosperm | No |
| GDD - Pollen | 1248 |
| GDD - Silk | 1247 |
| GDD - Black Layer | 2352 |
| Plant Height | M |
| Ear Height | M |
| Ear Type | SF |
| Flowering for Maturity | MID |

MANAGEMENT TIPS

Best performance is on well-drained soils. Semi-Flax ear style handles a wide range populations. Having excellent emergence, LG42C16 adapts to no-till environments. Well-suited to the western high plains dryland environments. Has the ability to move south of its adapted zone. An excellent option for irrigated acres.

MANAGEMENT PRACTICES

- Low Pop: 28-36,000
- Med Pop: 24-36,000
- High Pop: 22-34,000

DISEASE RATINGS

- N. Leaf Blight: 8
- S. Leaf Blight: 9
- Goss’s Wilt: 8
- Anthracnose: 9
- Eyespot: 9
- Gray Leaf Spot: 9
- Common Rust: 9
- Southern Rust: 9
- Fungicide Response: High

HERBICIDE INTERACTION

None noted.
LG42C24 furnishes strong yields, solid agronomic ratings and has a wide area of adaptation. Has the potential of being a dual-purpose product, both grain and silage.

- Medium tall plant with medium ear height. Yield comes from deep kernels with good test weight grain.
- Stands well for harvest with very good stalks.
- Above average rating for Goss’s Wilt.
- Good plant aspect, staygreen and late season intactness.

PRODUCT INFORMATION
LG42C24 furnishes strong yields, solid agronomic ratings and has a wide area of adaptation. Has the potential of being a dual-purpose product, both grain and silage.

- Medium tall plant with medium ear height. Yield comes from deep kernels with good test weight grain.
- Stands well for harvest with very good stalks.
- Above average rating for Goss’s Wilt.
- Good plant aspect, staygreen and late season intactness.

PLANT CHARACTERISTICS
Early Vigor ..............7
Stalk Strength .... 8
Root Strength .... 7
Greeneran ...7
Drydown ...7
Staygreen ...8
Drought Tolerance ...7
Test Weight ...8
Harvest Appearance ...7
Hard Endosperm ...No
GDD - Pollen ....1243
GDD - Silk ....1238
GDD - Black Layer ...2358
Plant Height ....M
Ear Height ....M
Ear Type ...5F
Flowering for Maturity ...EARLY

MANAGEMENT TIPS
Consistent performance from east to west. Flowering early for its maturity will aid in northern placement. Best performance is on productive soils at medium to medium high populations.

PLANT CHARACTERISTICS
Early Vigor ..............7
Stalk Strength .... 8
Root Strength .... 7
Greeneran ...7
Drydown ...7
Staygreen ...8
Drought Tolerance ...7
Test Weight ...8
Harvest Appearance ...7
Hard Endosperm ...No
GDD - Pollen ....1243
GDD - Silk ....1238
GDD - Black Layer ...2358
Plant Height ....M
Ear Height ....M
Ear Type ...5F
Flowering for Maturity ...EARLY

HERBICIDE INTERACTION
None noted

PRODUCT INFORMATION
LG42C37 is an exciting new high yielding product with superb grain quality and test weight. Widely adapted with protection against above ground pests. Excellent emergence and early vigor make this product a good candidate for early planting.

- Top-end yields produced by a medium-tall plant when planted at moderate populations.
- Strong emergence and early vigor produce plants that feature excellent stalk quality at harvest.
- Excellent Goss’s Wilt tolerance.
- Performs well in high yield environments.

MANAGEMENT TIPS
Position in high yield environments at medium to medium-high planting populations. Best placed in optimal soil situations that aid in root development. Excellent stalk strength will help in the event of a delayed harvest.

HERBICIDE INTERACTION
None noted

DISEASE RATINGS

MANAGEMENT PRACTICES
Low Pop .................7
Med Pop ...............8
High Pop .............8
Marginal Soil .......7
Productive Soil ....9
Continuous Corn ....7
Adapt No-Till ....8

Disease Ratings
N. Leaf Blight ........6
S. Leaf Blight .... N/A
Gray Leaf Spot .... N/A
Goss’s Bacterial Wilt ...7
Anthracnose ..7
Eyespot .... N/A
Common Rust .... N/A
Southern Rust .... N/A
Fungicide Response .... N/A

Fungicide Response
S. Leaf Blight .... N/A
Gray Leaf Spot .... N/A
Goss’s Bacterial Wilt ...8
Anthracnose .... N/A
Eyespot .... N/A
Common Rust .... N/A
Southern Rust .... N/A
Fungicide Response .Moderate

Disease Ratings
N. Leaf Blight ........8
S. Leaf Blight .... N/A
Gray Leaf Spot .... N/A
Goss’s Bacterial Wilt ...8
Anthracnose .... N/A
Eyespot .... N/A
Common Rust .... N/A
Southern Rust .... N/A
Fungicide Response .Moderate

Fungicide Response
S. Leaf Blight .... N/A
Gray Leaf Spot .... N/A
Goss’s Bacterial Wilt ...8
Anthracnose .... N/A
Eyespot .... N/A
Common Rust .... N/A
Southern Rust .... N/A
Fungicide Response .Moderate

Disease Ratings
N. Leaf Blight ........8
S. Leaf Blight .... N/A
Gray Leaf Spot .... N/A
Goss’s Bacterial Wilt ...8
Anthracnose .... N/A
Eyespot .... N/A
Common Rust .... N/A
Southern Rust .... N/A
Fungicide Response .Moderate

Fungicide Response
S. Leaf Blight .... N/A
Gray Leaf Spot .... N/A
Goss’s Bacterial Wilt ...8
Anthracnose .... N/A
Eyespot .... N/A
Common Rust .... N/A
Southern Rust .... N/A
Fungicide Response .Moderate

Fungicide Response
**LG42C63**

**PRODUCT INFORMATION**

LG42C63 has a medium statured plant that provides solid ear fill under lower population. Conveys very good tolerance to ASR. Place in fields with high yield potential.

- Excellent top-end yield potential
- Girthy ears have long husk cover and produce good quality grain with average test weight
- Generally very good plant health; average Goss's Wilt tolerance
- Widely adapted east to west on rotated acres with very good staygreen and greensnap scores.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Contiuous Corn</th>
<th>Adapt No-Till</th>
<th>Planting Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>8</td>
<td>8</td>
<td>6</td>
<td>9</td>
<td>7</td>
<td>8</td>
<td>28-38,000</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>N. Leaf Blight</th>
<th>S. Leaf Blight</th>
<th>Gray Leaf Spot</th>
<th>Goss's Bacterial WH</th>
<th>Anthracnose</th>
<th>Eyespot</th>
<th>Common Rust</th>
<th>S. Leaf Blight</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>N/A</td>
<td>N/A</td>
<td>5</td>
<td>8</td>
<td>8</td>
<td>N/A</td>
<td>8</td>
</tr>
</tbody>
</table>

**PLANT CHARACTERISTICS**

- Early Vigor: 8
- Stalk Strength: 8
- Root Strength: 8
- Greensnap: 8
- Drydown: 9
- Staygreen: 8
- Drought Tolerance: 8
- Test Weight: 8
- Harvest Appearance: 7
- Hard Endosperm: No
- GDD - Pollen: 1240
- GDD - Silk: 2138
- Plant Height: 6 MT
- Ear Height: 1 MH
- Ear Type: SF
- Flowering for Maturity: 1 MD

**HERBICIDE INTERACTION**

- Pigment inhibitors not recommended

**MANAGEMENT TIPS**

Has shown the ability to handle stress and perform well under lower populations. Performs well over a wide range of yield environments. Broadly adapted to all soil types. Fungicides are recommended when planting in continuous corn.

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**LG44C27**

**PRODUCT INFORMATION**

LG44C27 is a very strong performer across the upper Midwest. Tall, robust plants have excellent yield potential. High test weight grain is produced by very girthy ears. Stage Proven.

- Very high yield potential, has outstanding data against commercial checks
- A semi-flex ear type with very good test weight and excellent dry down
- Offers excellent agronomics and good late season intactness when positioned in its adapted maturity
- Widely adapted across soil types, yield environments and exhibits good drought tolerance

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Planting Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>8</td>
<td>8</td>
<td>6</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>28-38,000</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>N. Leaf Blight</th>
<th>S. Leaf Blight</th>
<th>Gray Leaf Spot</th>
<th>Goss's Bacterial WH</th>
<th>Anthracnose</th>
<th>Eyespot</th>
<th>Common Rust</th>
<th>S. Leaf Blight</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>6</td>
<td>8</td>
<td>8</td>
<td>N/A</td>
<td>8</td>
</tr>
</tbody>
</table>

**PLANT CHARACTERISTICS**

- Early Vigor: 9
- Stalk Strength: 9
- Root Strength: 9
- Greensnap: 9
- Drydown: 9
- Staygreen: 9
- Drought Tolerance: 9
- Test Weight: 9
- Harvest Appearance: 7
- Hard Endosperm: No
- GDD - Pollen: 1240
- GDD - Silk: 1240
- GDD - Black Layer: 2138
- Plant Height: 6 MT
- Ear Height: 1 MH
- Ear Type: SF
- Flowering for Maturity: 1 MD

**HERBICIDE INTERACTION**

- Pigment inhibitors not recommended

**TIPS**

Has shown the ability to handle stress and perform well under lower populations. Performs well over a wide range of yield environments. Broadly adapted to all soil types. Fungicides are recommended when planting in continuous corn.
**LG45C21**

**PRODUCT INFORMATION**

LG45C21 is an exciting product with the AgriLife Duracade® 3T22 EC refuge trait stock. It delivers stable yield potential across a wide range of environments. Brings solid agronomics including excellent roots and very good stalks.

- Produces top-end yields across a wide variety of environments.
- High greensnap ratings aid this product’s ability to be used in western environments.
- Very strong disease package with specific tolerance to NCLB and is highly rated against Tar Spot, Goss’s Wilt and Gray Leaf Spot.
- Can be used south of its adapted zone.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Vigor</td>
<td>8</td>
</tr>
<tr>
<td>Stalk Strength</td>
<td>8</td>
</tr>
<tr>
<td>Root Strength</td>
<td>9</td>
</tr>
<tr>
<td>Green snap</td>
<td>8</td>
</tr>
<tr>
<td>Drydown</td>
<td>7</td>
</tr>
<tr>
<td>Staygreen</td>
<td>7</td>
</tr>
<tr>
<td>Drought Tolerance</td>
<td>7</td>
</tr>
<tr>
<td>Test Weight</td>
<td>7</td>
</tr>
<tr>
<td>Harvest Appearance</td>
<td>7</td>
</tr>
<tr>
<td>Hard Endosperm</td>
<td>No</td>
</tr>
<tr>
<td>GDD - Pollen</td>
<td>1285</td>
</tr>
<tr>
<td>GDD - Silk</td>
<td>1280</td>
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</tr>
<tr>
<td>Ear Height</td>
<td>MH</td>
</tr>
<tr>
<td>Ear Type</td>
<td>SF</td>
</tr>
<tr>
<td>Flowering for Maturity</td>
<td>FMD</td>
</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

Optimal performance in the mid 90-day maturity with good Goss’s Wilt and Gray Leaf Spot tolerance. Is well adapted to continuous corn situations due to overall plant health and agronomics. LG45C21 will respond to higher plant populations.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Planting Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
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<td>7</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>28-36,000</td>
</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

None noted.

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>8</td>
</tr>
<tr>
<td>S. Leaf Blight</td>
<td>N/A</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>N/A</td>
</tr>
<tr>
<td>Eyespot</td>
<td>N/A</td>
</tr>
<tr>
<td>Common Rust</td>
<td>N/A</td>
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<tr>
<td>Southern Rust</td>
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</tr>
<tr>
<td>Fungicide Response</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

---

**LG5427**

**PRODUCT INFORMATION**

LG5427 is a 95-day product demonstrating strong performance and excellent consistency across environments. Very good drought tolerance, stress tolerance and health, including Goss’s Wilt tolerance.

- Great yield performance and consistency across environments.
- Strong emergence and early vigor produce plants that have resilient stalks and good staygreen in the fall.
- Very good disease characterizations, including tolerance to Goss’s Wilt.
- Very good drought and stress tolerance, responds well to good management practices.

**MANAGEMENT TIPS**

Very good drought and stress tolerance, responds well to good management practices.

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>7</td>
</tr>
<tr>
<td>S. Leaf Blight</td>
<td>8</td>
</tr>
<tr>
<td>Gray Leaf Spot</td>
<td>7</td>
</tr>
<tr>
<td>Goss’s Bacterial Wilt</td>
<td>7</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>8</td>
</tr>
<tr>
<td>Eyespot</td>
<td>8</td>
</tr>
<tr>
<td>Common Rust</td>
<td>8</td>
</tr>
<tr>
<td>Southern Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Fungicide Response</td>
<td>High</td>
</tr>
</tbody>
</table>

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Planting Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>8</td>
<td>9</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>28-36,000</td>
</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

None noted.

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**CORN**
LG2475

PRODUCT INFORMATION

LG2475 is best positioned on stress-prone acres in the western Corn Belt where it will perform very well and provide excellent ear flex. Medium-tall plants handle drought conditions very well.

- Excellent in lower yield environments in the western Corn Belt.
- Semi-flex girthy ears with an open husk and average test weight grain.
- Good disease tolerances against most common leaf diseases.
- Appealing fall appearance and fall intactness.

MANAGEMENT PRACTICES

Low Pop: 8
Med Pop: 9
High Pop: 7
Marginal Soil: 8
Productive Soil: 8
Continuous Corn: 8
Adapt No-Till: 8
Planting Rate: 24-36,000

DISEASE RATINGS

N. Leaf Blight: 7
S. Leaf Blight: 6
Gray Leaf Spot: 7
Gmos's Bacterial WH: 6
Anthracnose: 7
Eye spot: 7
Common Rust: 8
Southern Rust: N/A
Fungicide Response: Low

Ear Type
Ear Height
GDD - Black Layer
GDD - Silk
Hard Endosperm
Harvest Appearance
Test Weight
Stalk Strength
Root Strength
Greensnap
Drought Tolerance
Early Vigor
Stalk Strength
Harvest Appearance
Hard Endosperm
GDD - Polen
GDD - Silk
GDD - Black Layer
Plant Height
Ear Height
Ear Type
Flowering for Maturity

Staygreen
Drydown
Herbicide Interaction

None noted

HERBICIDE INTERACTION

MANAGEMENT TIPS

Strong emergence and plant vigor for early planting or reduced tillage.

Very good drought tolerance for performance on tough soils. Can be used in the High Plains dryland environments. Planted early or late, LG46C73 will stand well into the fall for harvest. Fungicides are recommended when planting in continuous corn.

LG46C73

PRODUCT INFORMATION

LG46C73 produces top-end yields across the entire upper Corn Belt. Medium statured plants have high drought stress tolerance for reliable performance on tough soils and superior green snap protection.

- Very high yield potential product that can also perform well across western dryland acres.
- Girthy, semi-flex ears with an open husk that aids drydown in the fall.
- Superior plant health and disease tolerances with Goss's WH protection. Conveys very good tolerance to ASR.
- Very adaptable to marginal, variable and productive corn soils.

MANAGEMENT PRACTICES

Low Pop: 8
Med Pop: 9
High Pop: 8
Marginal Soil: 9
Productive Soil: 9
Continuous Corn: 8
Adapt No-Till: 8
Planting Rate: 26-36,000

DISEASE RATINGS

N. Leaf Blight: 8
S. Leaf Blight: N/A
Gray Leaf Spot: N/A
Gmos's Bacterial WH: 7
Anthracnose: 8
Eye spot: 9
Common Rust: 8
Southern Rust: N/A
Fungicide Response: Low

EARLY VIGOR

8

STALK STRENGTH

8

GREENSNAP

8

DRIEDOWN

9

STAYGREEN

7

DROUGHT TOLERANCE

8

TEST WEIGHT

8

HARVEST APPEARANCE

7

HARD ENDOSPERM

No

GDD - POLLEN

1274

GDD - SILK

1246

GDD - BLACK LAYER

2454

PLANT HEIGHT

M

EAR HEIGHT

ML

EAR TYPE

SF

FLOWERING FOR MATURITY

LATE

MANAGEMENT TIPS

Strong emergence and plant vigor for early planting or reduced tillage. Very good drought tolerance for performance on tough soils. Can be used in the High Plains dryland environments. Planted early or late, LG46C73 will stand well into the fall for harvest. Fungicides are recommended when planting in continuous corn.
### LG5465

**PRODUCT INFORMATION**

LG5465 has strong agronomics with exceedingly high yield potential. Moderately girthy ears produce high test weight grain from medium height plants that stand well and have average staygreen. Stage Proven.

- Strong agronomics, exceedingly high yield potential. Medium height plants stand well for harvest.
- Moderately girthy semi-flex ears, high test weight grain, complete husk cover flares open to aid drydown.
- Superior tolerance for NGLB and ASR; average ratings for GLS and Goss's Wilt.
- Adapts well south of its normal maturity zone. Fungicides are recommended when planted corn-on-corn.

**PLANT CHARACTERISTICS**

| Early Vigor | 8 |
| Stalk Strength | 7 |
| Root Strength | 8 |
| Greenane | 8 |
| Drydown | 8 |
| Staygreen | 7 |
| Drought Tolerance | 7 |
| Harvest Appearance | 8 |
| Hard Endosperm | N/A |
| GDD - Pollen | 1271 |
| GDD - Silk | 1257 |
| GDD - Black Layer | 2467 |
| Plant Height | M |
| Ear Height | M |
| Ear Type | SF |
| Flowering for Maturity | MID |

**MANAGEMENT TIPS**

Excels at medium to medium-high populations. Performs at a high level across all soils, east to west. Has very good southern movement. Fungicides are recommended when planted corn-on-corn.

**HERBICIDE INTERACTION**

None noted.

**MANAGEMENT PRACTICES**

| Planting Rate | 28-38,000 |

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### LG47C77

**PRODUCT INFORMATION**

LG47C77 adds a diverse genetic background to the current line up. Widely adapted, it moves north and south of its adapted maturity zone and is consistent across soil types and yield environments.

- Solid yield performance at all yield levels.
- Medium height, medium ear insertion average grain quality, has very good standability.
- Overall has very good leaf disease characteristics, including good tolerance ratings to Tar Spot and Phytophthora.
- Good fall appearance with flared husks for drydown.

**PLANT CHARACTERISTICS**

| Early Vigor | 7 |
| Stalk Strength | 8 |
| Root Strength | 8 |
| Greenane | 7 |
| Drydown | 8 |
| Staygreen | 8 |
| Drought Tolerance | 8 |
| Test Weight | 7 |
| Harvest Appearance | 8 |
| Hard Endosperm | N/A |
| GDD - Pollen | 1240 |
| GDD - Silk | 1240 |
| GDD - Black Layer | 2452 |
| Plant Height | M |
| Ear Height | M |
| Ear Type | SF |
| Flowering for Maturity | MID |

**MANAGEMENT TIPS**

Good ear flex allows use in low to moderate populations to maximize performance. Has impressive yields in lower yield environments. Goss’s WR tolerance is average, use caution in heavy Goss’s WR regions. The SmartStax® trait version conveys very good tolerance to ASR. Emergence and vigor is average so caution should be used in cool soil environments.

**MANAGEMENT PRACTICES**

| Planting Rate | 27-38,000 |

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### MANAGEMENT PRACTICES

| Planting Rate | 27-38,000 |

---

### DISEASE RATINGS

| Low Pop | 7 |
| Med Pop | 9 |
| High Pop | 9 |
| Marginal Soil | 9 |
| Productive Soil | 9 |

### DISEASE RATINGS

| Low Pop | N. Leaf Blight | 8 |
| Med Pop | S. Leaf Blight | N/A |
| High Pop | Grey Leaf Spot | 5 |
| Marginal Soil | Goss’s Bacterial Wilt | 5 |
| Productive Soil | Anthracnose | 8 |
| Continental Corn | Eyepot | N/A |
| Adapt-No-Till | Common Rust | 8 |
| Southern Rust | N/A |

**HERBICIDE INTERACTION**

Manage pigment inhibitors.
**LG5470**

**PRODUCT INFORMATION**
LG5470 is a consistent product for this maturity with proven performance over several seasons. Very strong agronomics and disease tolerance including Goss’s Wilt. Excellent choice for both grain and silage.
- A consistent product for this maturity with proven performance, solid standability and good disease ratings.
- Gritty ears and open, loose husks that aid drydown in the fall.
- Great adaptability in no-till with excellent emergence and good early vigor.
- Handles all soils well, has good stress tolerance, recommended for continuous corn and is Silage Proven.

**MANAGEMENT PRACTICES**
- Low Pop: 8
- Med Pop: 9
- High Pop: 9
- Marginal Soil: 9
- Productive Soil: 9
- Continuous Corn: 9
- Adapt No-Till: 9
- Planting Rate: 29-37/000

**DISEASE RATINGS**
- N. Leaf Blight: 8
- S. Leaf Blight: 7
- Gray Leaf Spot: 7
- Goss’s Bacterial WH: 7
- Anthracnose: 7
- Eyespot: 8
- Common Rust: 8
- Southern Rust: N/A
- Fungicide Response: High

**PLANT CHARACTERISTICS**
- Early Vigor: 9
- Stalk Strength: 9
- Root Strength: 9
- Greensnap: 8
- Drydown: 8
- Staygreen: 7
- Drought Tolerance: 8
- Test Weight: 8
- Harvest Appearance: 8
- Hard Endosperm: No
- GDD - Pollen: 1284
- GDD - Silk: 1272
- GDD - Black Layer: 2462
- Plant Height: M
- Ear Height: MH
- Ear Type: SF
- Flowering for Maturity: EARLY

**HERBICIDE INTERACTION**
Manage pigment inhibitors

**LG49C19**

**PRODUCT INFORMATION**
LG49C19 is an exciting hybrid with high yield potential and strong agronomics. Adapts well across the northern Corn Belt with very good performance south of zone.
- Very high yield potential with good grain quality.
- Medium plant type with an early flowering for this maturity.
- Excellent stalk and root strength.
- Very good greensnap rating, great late season intactness.

**MANAGEMENT PRACTICES**
- Low Pop: 7
- Med Pop: 8
- High Pop: 9
- Marginal Soil: 7
- Productive Soil: 9
- Continuous Corn: 7
- Adapt No-Till: 8
- Planting Rate: 28-36/000

**DISEASE RATINGS**
- N. Leaf Blight: 7
- S. Leaf Blight: N/A
- Gray Leaf Spot: 7
- Goss’s Bacterial WH: 7
- Anthracnose: 6
- Eyespot: N/A
- Common Rust: N/A
- Southern Rust: N/A
- Fungicide Response: N/A

**HERBICIDE INTERACTION**
Manage pigment inhibitors
**LG49C28**

**PRODUCT INFORMATION**

LG49C28 is a new conventional product that performs at a high level across geographies. This product exhibits good emergence with excellent stalk and greensnap ratings.

- Top performance in high yield environments.
- Large kernels that provide good grain quality and high test weight.
- Very good emergence and early vigor; flowers early for its maturity.
- Widely adapted across the northern Corn Belt, with the ability to be used both north and south of the zone.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Vigor</td>
<td>8</td>
</tr>
<tr>
<td>Stalk Strength</td>
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</tr>
<tr>
<td>Root Strength</td>
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<td>Greensnap</td>
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<tr>
<td>Drydown</td>
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<td>Staygreen</td>
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<td>Drought Tolerance</td>
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<td>Test Weight</td>
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<td>Harvest Appearance</td>
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<tr>
<td>Hard Endosperm</td>
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<tr>
<td>Ear Height</td>
<td>MH</td>
</tr>
<tr>
<td>Ear Type</td>
<td>SF</td>
</tr>
<tr>
<td>Flowering for Maturity</td>
<td>EARLY</td>
</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

Best performance at moderate to higher populations and on productive soils. Will respond to higher management, as it was a top performer in high yield environments. Field observations indicate a high tolerance to Bacterial Leaf Streak and Phyllosticta Stalk Rot.

**HERBICIDE INTERACTION**

None noted.

**DISEASE RATING**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>7</td>
</tr>
<tr>
<td>S. Leaf Blight</td>
<td>N/A</td>
</tr>
<tr>
<td>Smokey</td>
<td>N/A</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>8</td>
</tr>
<tr>
<td>Eyepot</td>
<td>N/A</td>
</tr>
<tr>
<td>Common Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Southern Rust</td>
<td>7</td>
</tr>
<tr>
<td>Fungicide Response</td>
<td>High</td>
</tr>
</tbody>
</table>

**MANAGEMENT PRACTICES**

- Continuous Corn
- High Pop
- Low Pop

**PRODUCT INFORMATION**

LG49C62 is an exciting new high yielding product with the Trecepta® trait package. This product is widely adapted with good Goss' Wilt and greensnap ratings that aid in its western adaptation.

- Top-end yields in ideal yield environments from medium height; very attractive plants.
- Very good emergence and early vigor, fast drydown for efficient harvest; good standability.
- In addition to strong Goss' Wilt and greensnap scores, good tolerance to NCLB and Anthracnose Stalk Rot.
- Has shown good tolerance to Tar Spot and exhibits very good stalk health and shagreen.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Vigor</td>
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</tr>
<tr>
<td>Stalk Strength</td>
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</tr>
<tr>
<td>Root Strength</td>
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</tr>
<tr>
<td>Greensnap</td>
<td>8</td>
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<tr>
<td>Drydown</td>
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</tr>
<tr>
<td>Staygreen</td>
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<td>Drought Tolerance</td>
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<td>Test Weight</td>
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<tr>
<td>Harvest Appearance</td>
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<tr>
<td>Hard Endosperm</td>
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<td>GDD - Black Layer</td>
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<tr>
<td>Ear Height</td>
<td>M</td>
</tr>
<tr>
<td>Ear Type</td>
<td>SF</td>
</tr>
<tr>
<td>Flowering for Maturity</td>
<td>MED</td>
</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

None noted.

**MANAGEMENT TIPS**

Broad adaptation across the northern Corn Belt; can be used north and south. The Trecepta® trait package provides outstanding above ground insect protection. Maintain medium to medium-high populations for optimal performance.
**PRODUCT INFORMATION**

**LG5494** furnishes very high yield potential and is Stage Proven. Good test weight grain from semi-flexy, girtty ears on medium tall plants that have excellent standability.

- Furnishes very high yield potential and is very broadly adapted throughout most of the Corn Belt.
- Excellent standability hybrid that’s medium-tall with medium-high ear placement. High test weight grain with semi-flexy, girtty ears.
- Superior ratings for GLS, Eyepot, Goss’s Wilt, ASR and Common Rust.
- Good movement north and south in its adapted maturity; furnishes very high yield potential and is very broadly adapted.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adap No-Till</th>
<th>Planting Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>9</td>
<td>8</td>
<td>9</td>
<td>9</td>
<td>8</td>
<td>8</td>
<td>27,380,000</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>N. Leaf Blight</th>
<th>S. Leaf Blight</th>
<th>Gray Leaf Spot</th>
<th>Goss’s Bacterial Wilt</th>
<th>Anthracnose</th>
<th>Eyespot</th>
<th>Common Rust</th>
<th>Southern Rust</th>
<th>Fungicide Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
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<td>7</td>
<td>7</td>
<td>7</td>
<td>8</td>
<td>7</td>
<td>N/A</td>
<td>High</td>
</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

Manage pigment inhibitors, growth regulators and sulfonylureas.

---

**PRODUCT INFORMATION**

**LG50C93** offers a wide range of placement across the 100 day maturity range along with above and below ground protection with the Agrisure Duracade™ S222 E-Z Refugee trait stack. Has an attractive appeasement into the fall.

- A tall plant with exceptional plant health and insectics that can stand late into the season.
- Blocks, semi-flexy ears that maintain full husk coverage. Provides good test weight grain.
- Excellent disease package including strong tolerance to most major leaf diseases, including: Tar Spot, average in response to Goss’s Wilt.
- High performance product that excels at moderate populations.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Early Vigor</th>
<th>Stalk Strength</th>
<th>Root Strength</th>
<th>Greensnap</th>
<th>Drydown</th>
<th>Staygreen</th>
<th>Drought Tolerance</th>
<th>Test Weight</th>
<th>Harvest Appearance</th>
<th>Hard Endosperm</th>
<th>GDD - Pollen</th>
<th>GDD - Black Layer</th>
<th>Plant Height</th>
<th>Ear Height</th>
<th>Ear Type</th>
<th>Flowering for Maturity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
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<td>2,235</td>
<td>MT</td>
<td>M</td>
<td>SF</td>
<td>EARLY</td>
</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

Manage pigment inhibitors, growth regulators and sulfonylureas.

---

**MANAGEMENT TIPS**

Best positioned in its maturity zone and north; across the central and western Corn Belt. Good early vigor combined with a good plant health package. Fast drydown allows for timely harvest. Has shown good field tolerance to Phytophthora stalk rot, Bacterial leaf streak, and Tar spot. Average tolerance to Goss’s Wilt, manage accordingly.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adap No-Till</th>
<th>Planting Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>9</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>8</td>
<td>7</td>
<td>26,340,000</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>N. Leaf Blight</th>
<th>S. Leaf Blight</th>
<th>Gray Leaf Spot</th>
<th>Goss’s Bacterial Wilt</th>
<th>Anthracnose</th>
<th>Eyespot</th>
<th>Common Rust</th>
<th>Southern Rust</th>
<th>Fungicide Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>N/A</td>
<td>8</td>
<td>8</td>
<td>7</td>
<td>8</td>
<td>7</td>
<td>N/A</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

---

**CORN**
**PRODUCT INFORMATION**

LG5505 has a long ear style and furnishes top-end yields of excellent test weight grain. Outstanding health package from medium-tall plants that are Stale Proven. Approved as HEC or food grade corn in same markets.

- LG5505 has a long ear style, furnishes top-end yields and excellent test weight grain.
- Medium-tall plants have an attractive fall appearance.
- Outstanding disease protection: the SmartStax® trait version and the Conventional version convey very good tolerance to ASR.
- Handles tough, variable and good corn soils. Fungicide is recommended only after a field scouting program.

**PLANT CHARACTERISTICS**

- Early Vigor: 7
- Stalk Strength: 9
- Root Strength: 8
- Greenup: 8
- Drydown: 8
- Staygreen: 9
- Drought Tolerance: 9
- Test Weight: 9
- Harvest Appearance: 9
- Hard Endosperm: Yes
- GDD - Pollen: 1283
- GDD - Silk: 1255
- GDD - Black Layer: 2530
- Plant Height: MT
- Ear Height: MHI
- Ear Type: SF
- Flowering for Maturity: MD

**HERBICIDE INTERACTION**

None noted.

**MANAGEMENT TIPS**

Broadly adapted across the Corn Belt from east to west. Has good performance south of its adapted maturity. Handles tough, variable and good corn soils. Best performance is at higher populations and with higher management. Healthy plants, recommend fungicides only after a field scouting program.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Planting Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>7</td>
<td>5. Leaf Blight</td>
<td>8</td>
<td>Gray Leaf Spot</td>
<td>7</td>
<td>Erysiphe</td>
<td>8</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>8</td>
<td>N. Leaf Blight</td>
<td>7</td>
<td>Erysiphe</td>
<td>8</td>
<td>Common Rust</td>
<td>8</td>
</tr>
<tr>
<td>Southern Rust</td>
<td>N/A</td>
<td>Fungicide Response: Moderate</td>
<td>None noted</td>
<td>none noted</td>
<td>none noted</td>
<td>none noted</td>
<td>none noted</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

9 = Excellent      1 = Poor      N/A = Not Available

**PLANT CHARACTERISTICS**

- Early Vigor: 9
- Stalk Strength: 8
- Root Strength: 8
- Greenup: 7
- Drydown: 8
- Staygreen: 9
- Drought Tolerance: 8
- Test Weight: 8
- Harvest Appearance: 9
- Hard Endosperm: No
- GDD - Pollen: 1274
- GDD - Silk: 1280
- GDD - Black Layer: 2534
- Plant Height: MT
- Ear Height: M
- Ear Type: SF
- Flowering for Maturity: MD

**HERBICIDE INTERACTION**

None noted.

**MANAGEMENT TIPS**

With reliable performance, LG51C48 produces medium-tall plants with grizzly ears and an open husk. Dark green uniform plants with consistent ears down the row. This product is Stale Proven and can be used as a dual purpose product - grain or silage.

- Very strong stalks, roots and good greenup tolerance.
- Appealing staygreen and late season intactness. The VT Double Pro® trait version conveys very good tolerance to ASR.
- Overall strong health package with good ratings for Tar Spot and NCLB.
- Broadly adapted with excellent stress tolerance and strong performance across the entire Corn Belt east to west.

**PRODUCT INFORMATION**

LG51C48 has a broad ear style and furnishes top-end yields of excellent test weight grain. Outstanding health package from medium-tall plants that are Stale Proven. Approved as HEC or food grade corn in same markets.

- LG51C48 has a broad ear style, furnishes top-end yields and excellent test weight grain.
- Medium-tall plants have an attractive fall appearance.
- Outstanding disease protection: the SmartStax® trait version and the Conventional version convey very good tolerance to ASR.
- Handles tough, variable and good corn soils. Fungicide is recommended only after a field scouting program.

**PLANT CHARACTERISTICS**

- Early Vigor: 7
- Stalk Strength: 9
- Root Strength: 8
- Greenup: 8
- Drydown: 8
- Staygreen: 9
- Drought Tolerance: 7
- Test Weight: 9
- Harvest Appearance: 9
- Hard Endosperm: Yes
- GDD - Pollen: 1283
- GDD - Silk: 1255
- GDD - Black Layer: 2530
- Plant Height: MT
- Ear Height: MHI
- Ear Type: SF
- Flowering for Maturity: MD

**HERBICIDE INTERACTION**

None noted.

**MANAGEMENT TIPS**

Monitor for fungicide use under high foliar disease pressure. Adapted to variable and productive soils. Good ear flex can tolerate a range of populations and in high yield environments it can benefit from in-season nitrogen applications. Performs well in higher pH soils.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Planting Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>8</td>
<td>5. Leaf Blight</td>
<td>N/A</td>
<td>Gray Leaf Spot</td>
<td>6</td>
<td>Erysiphe</td>
<td>6</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>8</td>
<td>N. Leaf Blight</td>
<td>N/A</td>
<td>Erysiphe</td>
<td>N/A</td>
<td>Common Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Southern Rust</td>
<td>N/A</td>
<td>Fungicide Response: Moderate</td>
<td>None noted</td>
<td>none noted</td>
<td>none noted</td>
<td>none noted</td>
<td>none noted</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

9 = Excellent      1 = Poor      N/A = Not Available

**PLANT CHARACTERISTICS**

- Early Vigor: 9
- Stalk Strength: 9
- Root Strength: 9
- Greenup: 7
- Drydown: 8
- Staygreen: 9
- Drought Tolerance: 8
- Test Weight: 8
- Harvest Appearance: 9
- Hard Endosperm: No
- GDD - Pollen: 1274
- GDD - Silk: 1280
- GDD - Black Layer: 2534
- Plant Height: MT
- Ear Height: M
- Ear Type: SF
- Flowering for Maturity: MD

**HERBICIDE INTERACTION**

None noted.
LG51C62

PRODUCT INFORMATION
LG51C62 is an exciting high yielding option in the 101-day RM with large kernels that are wide and deep. Plant style has a different look in the field than other products.

- Highly competitive yield potential from ears that have a semi-open husk at drydown.
- Medium length ears with limited flex and produce quality green with average test weight.
- Very good plant health with very good tolerance to greensnap and good staygreen.
- Excellent adaptation into dryland regions.

PLANT CHARACTERISTICS

- Early Vigor: 8
- Stalk Strength: 8
- Root Strength: 6
- Greenanp: 8
- Drydown: 8
- Staygreen: 7
- Drought Tolerance: 7
- Harvest Appearance: 7
- Hard Endosperm: No
- GDD - Pollen: 1281
- GDD - Black Layer: 2531
- Plant Height: M
- Ear Height: M
- Ear Type: SF
- Flowering for Maturity: MED

MANAGEMENT TIPS
Best performance is at moderate to higher populations from consistent sized ears. Best placed in optimal soil situations that aid in root development.

MANAGEMENT PRACTICES

<table>
<thead>
<tr>
<th>Planting Rate</th>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Fungicide Response</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td>9</td>
<td>6</td>
<td>8</td>
<td>High</td>
</tr>
</tbody>
</table>

HERBICIDE INTERACTION
None noted.

DISEASE RATINGS

<table>
<thead>
<tr>
<th>N. Leaf Blight</th>
<th>S. Leaf Blight</th>
<th>Gray Leaf Spot</th>
<th>Anthracnose</th>
<th>Goss's Bacterial Wilt</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>N/A</td>
<td>7</td>
<td>5</td>
<td>7</td>
</tr>
</tbody>
</table>

LG5499

PRODUCT INFORMATION
LG5499 is a proven product in this maturity. It has wide adaptation, a great early season look and strong agronomics including Goss's Wilt tolerance. The product is also Stage Proven.

- Proven performance, strong agronomics, wide adaptation, attractive appearance and is a dual purpose product.
- Rapid emergence and big, excellent stalks, very good staygreen, fast drydown and great fall intactness.
- Generally very good disease scores including good Goss's Wilt ratings.
- Recommended for continuous corn. Has a wide area of adaptation, including western dryland, and has strong performance south of its adapted maturity.

MANAGEMENT PRACTICES

<table>
<thead>
<tr>
<th>Planting Rate</th>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Fungicide Response</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8</td>
<td>9</td>
<td>9</td>
<td>8</td>
<td>8</td>
<td>9</td>
<td>8</td>
<td>N/A</td>
</tr>
</tbody>
</table>

DISEASE RATINGS

<table>
<thead>
<tr>
<th>N. Leaf Blight</th>
<th>S. Leaf Blight</th>
<th>Gray Leaf Spot</th>
<th>Anthracnose</th>
<th>Goss's Bacterial Wilt</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>8</td>
</tr>
</tbody>
</table>
LG52C18

PRODUCT INFORMATION

LG52C18 is widely adapted across the Corn Belt. Medium-tall plants have great agronomics and superior Goss’s Wilt protection.

- Healthy, high yield potential product that is widely adapted.
- Ears have limited flex, medium girth, good test weight grain, with an open husk that aids drydown in the fall.
- Generally very good disease scores including fantastic Goss’s Wilt ratings.
- Responds well to high management.

MANAGEMENT PRACTICES

<table>
<thead>
<tr>
<th>Metric</th>
<th>LG52C18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Pop</td>
<td></td>
</tr>
<tr>
<td>Med Pop</td>
<td></td>
</tr>
<tr>
<td>High Pop</td>
<td></td>
</tr>
<tr>
<td>Marginal Soil</td>
<td></td>
</tr>
<tr>
<td>Productive Soil</td>
<td></td>
</tr>
<tr>
<td>Continuous Corn</td>
<td></td>
</tr>
<tr>
<td>Adapt No-Till</td>
<td></td>
</tr>
<tr>
<td>Planting Rate</td>
<td>32-38,000</td>
</tr>
</tbody>
</table>

DISEASE RATINGS

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>7</td>
</tr>
<tr>
<td>S. Leaf Blight</td>
<td>8</td>
</tr>
<tr>
<td>Gray Leaf Spot</td>
<td>5</td>
</tr>
<tr>
<td>Goss’s Bacterial Wilt</td>
<td>8</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>7</td>
</tr>
<tr>
<td>Eyespot</td>
<td>8</td>
</tr>
<tr>
<td>Common Rust</td>
<td>7</td>
</tr>
<tr>
<td>Southern Rust</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Fungicide Response: Moderate

PLANT CHARACTERISTICS

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Vigor</td>
<td>9</td>
</tr>
<tr>
<td>Stalk Strength</td>
<td>8</td>
</tr>
<tr>
<td>Root Strength</td>
<td>8</td>
</tr>
<tr>
<td>Greensnap</td>
<td>7</td>
</tr>
<tr>
<td>Drydown</td>
<td>8</td>
</tr>
<tr>
<td>Staygreen</td>
<td>9</td>
</tr>
<tr>
<td>Drought Tolerance</td>
<td>8</td>
</tr>
<tr>
<td>Test Weight</td>
<td>7</td>
</tr>
<tr>
<td>Harvest Appearance</td>
<td>9</td>
</tr>
<tr>
<td>Hard Endosperm</td>
<td>No</td>
</tr>
<tr>
<td>GDD - Pollen</td>
<td>1,278</td>
</tr>
<tr>
<td>GDD - Silk</td>
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</tr>
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<td>GDD - Black Layer</td>
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<tr>
<td>Plant Height</td>
<td>MT</td>
</tr>
<tr>
<td>Ear Height</td>
<td>M</td>
</tr>
<tr>
<td>Ear Type</td>
<td>SF</td>
</tr>
<tr>
<td>Flowering for Maturity</td>
<td>LATE</td>
</tr>
</tbody>
</table>

HERBICIDE INTERACTION

None noted

LG52C42

PRODUCT INFORMATION

LG52C42 is a high yielding product that can be placed across maturity zones and geographies. Excellent disease package offers peace of mind and can save on management expenses. Slage Proven.

- High yield potential and great performance across the northern Corn Belt.
- Tolerance to Bacterial Leaf Streak, and Phyoderm Brown Spot. Overall health contributes to very good for Spot tolerance.
- Excellent disease package including strong tolerance to Goss’s Wilt, Grey Leaf Spot, and Northern Corn Leaf Blight.
- Fungicide use should be infrequent and only after scouting.

MANAGEMENT TIPS

Early planting will maximize the growing season. Responds to high yield management in productive corn environments. Broad adaptability allows planting across a wide geography, from east to west, and can move south as an early option. Medium-tall plants offer dual purpose potential as a high quality silage hybrid. Manage greensnap risk in high wind environments.

MANAGEMENT PRACTICES

<table>
<thead>
<tr>
<th>Metric</th>
<th>LG52C42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Pop</td>
<td></td>
</tr>
<tr>
<td>Med Pop</td>
<td></td>
</tr>
<tr>
<td>High Pop</td>
<td></td>
</tr>
<tr>
<td>Marginal Soil</td>
<td></td>
</tr>
<tr>
<td>Productive Soil</td>
<td></td>
</tr>
<tr>
<td>Continuous Corn</td>
<td></td>
</tr>
<tr>
<td>Adapt No-Till</td>
<td></td>
</tr>
<tr>
<td>Planting Rate</td>
<td>28-38,000</td>
</tr>
</tbody>
</table>

DISEASE RATINGS

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>8</td>
</tr>
<tr>
<td>S. Leaf Blight</td>
<td>N/A</td>
</tr>
<tr>
<td>Gray Leaf Spot</td>
<td>9</td>
</tr>
<tr>
<td>Goss’s Bacterial Wilt</td>
<td>8</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>8</td>
</tr>
<tr>
<td>Eyespot</td>
<td>N/A</td>
</tr>
<tr>
<td>Common Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Southern Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Fungicide Response</td>
<td>Low</td>
</tr>
</tbody>
</table>

CORN
PRODUCT INFORMATION

LG52C73 is a product with high yield potential and a solid agronomic package. Widely adapted east to west with the ability to be used north and south of zone. Strong emergence and early vigor allow for early planting opportunities.

- Strong yield potential provides high quality grain with good test weight.
- Excellent emergence and early vigor that will aid in early planting.
- Solid agronomics allows for movement out of zones and across soil types.
- Conveys good staygreen and an attractive appearance into the fall.

PLANT CHARACTERISTICS

- Early Vigor: 8
- Stalk Strength: 8
- Root Strength: 8
- GreenSnap: 7
- Drydown: 7
- Staygreen: 8
- Drought Tolerance: 7
- Test Weight: 7
- Harvest Appearance: 8
- Hard Endosperm: No
- GDD: Pollen: 1275
- GDD: Silk: 1250
- GDD: Black Layer: 2950
- Plant Height: MT
- Ear Height: 0.25 HHI
- Ear Type: SF
- Flowering for Maturity: Mid

MANAGEMENT TIPS

 Allows versatile placement across multiple soil types and yield environments. Strong emergence allows for early planting. Caution is recommended in situations where mold’s Will and Gray Leaf Spot are a high concern. Fungicides are recommended in continuous corn situations.

HERBICIDE INTERACTION

None noted.

DISEASE RATINGS

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Contious Corn</th>
<th>Adapt No-To</th>
<th>Planting Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Goss’s Bacterial Wilt</td>
<td>Anthracnose</td>
<td>Eyespot</td>
<td>Common Rust</td>
<td>26-36,000</td>
</tr>
</tbody>
</table>

PRODUCT INFORMATION

LG54C04 features strong agronomics, healthy disease tolerances and wide adaption east to west. Will provide stable performance as a Conventional product. This Silage Proven, dual-purpose product can be used for grain or silage.

- Shiny, attractive look with good ear size and quality grain. Approved as HEC or food grade corn in some markets.
- Very strong disease ratings for both stalks and leaves including Fusarium, Anthracnose, G.L.S. and NCLB.
- Silage proven, can be used as a dual purpose product — grain or silage.
- Widely adapted stable performance east to west.

PLANT CHARACTERISTICS

- Early Vigor: 8
- Stalk Strength: 8
- Root Strength: 8
- GreenSnap: 8
- Drydown: 7
- Staygreen: 8
- Drought Tolerance: 7
- Test Weight: 8
- Harvest Appearance: 8
- Hard Endosperm: Yes
- GDD: Pollen: 1249
- GDD: Silk: 1259
- GDD: Black Layer: 2957
- Plant Height: MT
- Ear Height: M
- Ear Type: SF
- Flowering for Maturity: MD

MANAGEMENT TIPS

Very stable performance across a broad range of management and soil types. Longer, semi-flex ears and good late season intinctness contribute to a wide range of population tolerance and a long harvest window. Recommend scouting before using a fungicide.

HERBICIDE INTERACTION

Manage pigment inhibitors.

DISEASE RATINGS

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Contious Corn</th>
<th>Adapt No-To</th>
<th>Planting Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Goss’s Bacterial Wilt</td>
<td>Anthracnose</td>
<td>Eyespot</td>
<td>Common Rust</td>
<td>28-36,000</td>
</tr>
</tbody>
</table>

Productive Soil: 8

Management (if needed):
- Fungicide: SpikeBL
- Herbicide: Liberty Link
- WS: 8
- Pop: 8
LG54C11

PRODUCT INFORMATION

LG54C11 is an Agrisure Duracade® trait option that offers good test weight, high quality HEC grain along with high yield potential. Strong agronomic characteristics. Stage Proven hybrid that is dual purpose for both grain or silage.

- High yield potential, medium-tall plant with good standability.
- Excellent test weight and grain quality.
- Good overall plant health and late season intactness. Excellent greenup tolerance.
- Scout for disease and apply fungicide if needed. Exhibits a moderate response to fungicide application.

PLANT CHARACTERISTICS

- Ear Type
- Plant Height
- GDD - Pollen
- Harvest Appearance
- Test Weight
- Staygreen
- Drydown
- Herbage
- Root Strength
- GDD - Black Layer
- Plant Height
- Ear Height
- Ear Type
- Flowering for Maturity
- Ear Type
- Flowering for Maturity
- N. Leaf Blight
- S. Leaf Blight
- Gray Leaf Spot
- Anthracnose
- Eyespot
- Cornsmut
- Commonwealth Rust
- Southern Rust
- Fungicide Response - Moderate

MANAGEMENT TIPS

The Agrisure Duracade® S223 Z-Z Refuge® trait combines the above-ground insect control of the Agrisure Viptera® trait stack and the unique corn rootworm control of the Agrisure Duracade® trait. Broadly adapted east to west and has very good movement south of its adapted zone. Recommended for corn-on-corn acres. The E-Z Refuge® component will be glyphosate and glufosinate tolerant.

MANAGEMENT PRACTICES

PLANT CHARACTERISTICS

- Purple
- Plant Height
- GDD - Black Layer
- Plant Height
- Ear Height
- Ear Type
- Flowering for Maturity
- Ear Type
- Flowering for Maturity
- N. Leaf Blight
- S. Leaf Blight
- Gray Leaf Spot
- Anthracnose
- Eyespot
- Cornsmut
- Commonwealth Rust
- Southern Rust
- Fungicide Response - Moderate

HERBICIDE INTERACTION

Manage growth regulators

DISEASE RATINGS

Recommend fungicide use when planted in continuous corn situations. Handles early planting and no-till/reduced till situations well.

HERBICIDE INTERACTION

None noted

PRODUCT INFORMATION

LG54C76 is a high yielding semi-flex product that moves east to west very well. Solid agronomics with a great disease and health profile. Very versatile in placement and adaptation. Approved as HEC or food grade corn in some markets.

- Medium-tall plant with medium ear insertion; has a long semi-flex ear, open husk and a dark red cob
- Above average on stalk diseases. Very good on Goss’s Wilt and Gray Leaf Spot. Average scores for NCLB.
- Scout for disease and apply fungicide if needed. Will respond to fungicide.

PLANT CHARACTERISTICS

- Ear Type
- Plant Height
- GDD - Black Layer
- Plant Height
- Ear Height
- Ear Type
- Flowering for Maturity
- Ear Type
- Flowering for Maturity
- N. Leaf Blight
- S. Leaf Blight
- Gray Leaf Spot
- Anthracnose
- Eyespot
- Cornsmut
- Commonwealth Rust
- Southern Rust
- Fungicide Response - High

HERBICIDE INTERACTION

None noted

MANAGEMENT TIPS

None noted

DISEASE RATINGS

Recommend fungicide use when planted in continuous corn situations. Adapts well in zone, and both north and south of its adapted zone.
**PRODUCT INFORMATION**

**LG55C95** produces high yields on stalks that hold up very well in challenging conditions. Top notch performance under stress, an dryland and with irrigation are highlights of its potential.

- Reliable performance on High Plains irrigated and dryland acres.
- Very gritty, semi-flex ears with a semi-open husk at maturity.
- Very good stalks and excellent root strength.
- Excellent protection against Goss’s Wilt.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Vigor</td>
<td>7</td>
</tr>
<tr>
<td>Stalk Strength</td>
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<td>Greenup</td>
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<td>Drydown</td>
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<td>Staygreen</td>
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<td>Drought Tolerance</td>
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<tr>
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</tr>
<tr>
<td>Flowering for Maturity</td>
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</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

Works well in its adapted maturity and south. Adapts well in the High Plains dryland environments. Handles dryland and stress prone acres. High tolerance to heat. An excellent choice for irrigated acres. Fungicides are recommended in continuous corn.

**HERBICIDE INTERACTION**

None noted.

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
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<tr>
<td>S. Leaf Blight</td>
<td>N/A</td>
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<tr>
<td>Gray Leaf Spot</td>
<td>8</td>
</tr>
<tr>
<td>Bacterial Wilt</td>
<td>9</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>8</td>
</tr>
<tr>
<td>Eyepoint</td>
<td>N/A</td>
</tr>
<tr>
<td>Common Rust</td>
<td>N/A</td>
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<tr>
<td>Southern Rust</td>
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<tr>
<td>Fungicide Response</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

None noted.  

---

**PRODUCT INFORMATION**

**LG5525** has an excellent look and yields exceedingly well. Medium tall plants, medium ear insertion and semi-flex ears. Approved as HEC or food grade corn in some markets. Silage Proven - can be used as a dual purpose product — grain or silage.

- Widely adapted across geography with outstanding yield potential, excellent test weight and hard endosperm grain.
- Medium-tall plants with a medium insertion of semi-flex ears, drydown may be slowed due to heavy grain density.
- Contains very good tolerance to ASR, scores highly against Goss’s Wilt and SCLB.
- Handles tough, variable soils as well as highly productive soils and responds well to higher management inputs.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Rating</th>
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</thead>
<tbody>
<tr>
<td>Early Vigor</td>
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<td>Stalk Strength</td>
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<tr>
<td>Roots Strength</td>
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<tr>
<td>Greenup</td>
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<td>Drydown</td>
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<tr>
<td>Staygreen</td>
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<td>Drought Tolerance</td>
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<td>Harvest Appearance</td>
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<td>Hard Endosperm</td>
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<td>GDD - Silk</td>
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<td>Ear Height</td>
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<td>Ear Type</td>
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</tr>
<tr>
<td>Flowering for Maturity</td>
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</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

Very broadly adapted. Can be used north and south of its adapted zone, although drydown may be slowed due to heavy grain density. Handles tough, variable soils as well as highly productive soils. Responds well to higher populations and high management. Fungicides are recommended when planted in continuous corn or under heavy disease pressure from GLS and Tar Spot.

**HERBICIDE INTERACTION**

None noted.
LG5528 has a large flex ear with deep kernels that is placed medium-high on the stalk. It has high yield potential and a superior health package.

- Very strong western Corn Belt adaptation, especially in dryland environments.
- Aggressive early growth allows early planting and produces flexible ears with deep kernels.
- Generally good plant and leaf health including excellent scores against Goss’s Wilt.

PRODUCT INFORMATION

CORN

DISEASE RATINGS

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>S. Leaf Blight</td>
<td>8</td>
</tr>
<tr>
<td>Goss’s Bacterial Wilt</td>
<td>9</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>N/A</td>
</tr>
<tr>
<td>Eyespot</td>
<td>N/A</td>
</tr>
<tr>
<td>Common Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Southern Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Fungicide Response</td>
<td>High</td>
</tr>
</tbody>
</table>

PLANT CHARACTERISTICS

- Early Vigor: 8
- Stalk Strength: 7
- Root Strength: 7
- Green-up: 7
- Drydown: 7
- Staygreen: 8
- Drought Tolerance: 7
- Test Weight: 7
- Harvest Appearance: 7
- Hard Endosperm: No
- GDD: Pollen: 1215
- GDD: silk: 1325
- GDD: Black Layer: 2655
- Plant Height: M
- Ear Height: M
- Ear Type: F
- Flowering for Maturity: MD

MANAGEMENT TIPS

- Best performance is at moderate populations. Adapts well in dryland environments; handles low yielding areas of stress and marginal soil well. Stalks and roots need managing at higher populations. Fungicides are recommended in continuous corn.

HERBICIDE INTERACTION

- Manage pigment inhibitors

LG57C33 produces large, consistent, well-filled ears with good drydown. The plant has superior stalk strength and good late season appearance. Widely adapted across the Corn Belt.

- High yield potential and good stress tolerance allow this product to be planted on a variety of acres.
- Husk flowers open for fast dry down which can lead to an early harvest.
- Leaf and stalk health are generally good with noticeable late season eargreen and plant intactness.
- Very broadly adapted across the Corn Belt east to west with good northern adaptation.

PRODUCT INFORMATION

CORN

DISEASE RATINGS

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>8</td>
</tr>
<tr>
<td>S. Leaf Blight</td>
<td>9</td>
</tr>
<tr>
<td>Goss’s Bacterial Wilt</td>
<td>6</td>
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<tr>
<td>Anthracnose</td>
<td>N/A</td>
</tr>
<tr>
<td>Eyespot</td>
<td>N/A</td>
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<tr>
<td>Common Rust</td>
<td>N/A</td>
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<tr>
<td>Southern Rust</td>
<td>N/A</td>
</tr>
<tr>
<td>Fungicide Response</td>
<td>High</td>
</tr>
</tbody>
</table>

PLANT CHARACTERISTICS

- Early Vigor: 8
- Stalk Strength: 8
- Root Strength: 7
- Green-up: 7
- Drydown: 9
- Staygreen: 7
- Drought Tolerance: 7
- Test Weight: 7
- Harvest Appearance: 7
- Hard Endosperm: No
- GDD: Pollen: 1311
- GDD: silk: 1311
- GDD: Black Layer: 2667
- Plant Height: M
- Ear Height: M
- Ear Type: SF
- Flowering for Maturity: MD

MANAGEMENT TIPS

- Best used in its adapted maturity or north. Conveys very good tolerance to ASR. Fungicides will likely be beneficial in high disease environments. Semi-flex ears and good stalks and roots will respond to medium to high populations.

HERBICIDE INTERACTION

- None noted
LG57C97

PRODUCT INFORMATION
Wide east to west adaptation across the Corn Belt. Excellent yield performance on all soil types. High yielding commercial look. Very healthy for both leaves and stalks. Grain is considered HEC quality.

• Exceptional yield performance for the maturity. Medium-tall plants with semi-flex ears.
• Great stalks and late season inactiveness give harvest flexibility and opportunity to field dry grain.
• Very high ratings for Grey Leaf Spot, NCLB and Goss’s Wilt. Healthy leaves hold off Tar Spot very well. High tolerance to Anthracnose Stalk Rot.
• Apply a fungicide only after Scout or in the known high disease environments.

PLANT CHARACTERISTICS
- Early Vigor: 8
- Stalk Strength: 8
- Root Strength: 8
- Green snap: 8
- Drydown: 8
- Stay green: 8
- Drought Tolerance: 8
- Test Weight: 8
- Harvest Appearance: 8
- Hard Endosperm: No
- GDD: Pollen: 1304
- GDD: Silk: 1378
- GDD: Black Layer: 2568
- Plant Height: M
- Ear Height: M
- Ear Type: SF
- Flowering for Maturity: Md

MANAGEMENT TIPS
Managed adapted across the Corn Belt in its adapted zone and north. Responds to productive environments and is also a good fit for the toughest acre. Best planted at medium to high to higher populations. In-season nitrogen application will be beneficial.

MANAGEMENT PRACTICES
- Low Pop: 32-38,000
- Med Pop: 77-85,000
- High Pop: 87-95,000
- Marginal Soil: 8
- Productive Soil: 8
- Continuous Corn: 8
- Adapt No-Till: 7
- Planting Rate: 32-38,000

HERBICIDE INTERACTION
None noted.

DISEASE RATINGS
- N. Leaf Blight: 8
- S. Leaf Blight: N/A
- Gray Leaf Spot: 8
- Goss’s Bacterial Wilt: 8
- Anthracnose: 7
- Eeyspot: N/A
- Common Rust: N/A
- Southern Rust: 7
- Fungicide Response: Moderate

LG58C77

PRODUCT INFORMATION
LG58C77 produces high yields from consistent, large, semi-flex ears with deep kernels that have good test weight grain. Shows very good stalk and root strength, staygreen and late season inactness. Stage Preen.

• High yielding product that is widely adapted east to west and can perform well in variable environments.
• Open husk allows for faster drydown in the fall and can lead to an easier harvest.
• Excellent to very good ratings for most major leaf diseases; a good rating for Goss’s wilt.
• Superior early vigor and disease package allow flexibility at planting time.

PLANT CHARACTERISTICS
- Early Vigor: 8
- Stalk Strength: 7
- Root Strength: 8
- Green snap: 8
- Drydown: 7
- Staygreen: 8
- Drought Tolerance: 8
- Test Weight: 7
- Harvest Appearance: 8
- Hard Endosperm: No
- GDD: Pollen: 1371
- GDD: Silk: 1372
- GDD: Black Layer: 2743
- Plant Height: M
- Ear Height: M
- Ear Type: SF
- Flowering for Maturity: Late

MANAGEMENT TIPS
The Agrisure Duracade® 5222 E-Z Refuge® trait stack combines the above-ground insect control of the Agrisure Viptera® trait and the unique corn rootworm control of the Agrisure Duracade® trait. Best performance is on well-drained soils east to west across the Corn Belt. Late flowering with very good heat stress tolerance allows movement south of its maturity zone. Adapts well to corn-in-corn situations. The E-Z Refuge® component will be glyphosate and glutathione tolerant.

MANAGEMENT PRACTICES
- Low Pop: 8
- Med Pop: 9
- High Pop: 8
- Marginal Soil: 8
- Productive Soil: 9
- Continuous Corn: 8
- Adapt No-Till: 8
- Planting Rate: 30-38,000

HERBICIDE INTERACTION
None noted.
### PRODUCT INFORMATION

**LG58C81** is a top performing product with the SmartStax® trait for Corn Rootworm control. Best performance is in its adapted maturity zone and north as a full-season product. A longer ear with good flex for moderate to higher planting populations.

- Excellent top-end performance when planted at a medium population.
- A longer ear with high test weight grain is produced on moderately stunted plants.
- Strong agronomic package includes high ratings for emergence, standability and disease.
- High response to fungicides in continuous corn situations.

### PLANT CHARACTERISTICS

- **Ear Type**: GDD - Pollen
- **Stalk Strength**: N
- **Root Strength**: N
- **Greenrank**: N
- **Drydown**: N
- **Staysgreen**: N
- **Drought Tolerance**: N
- **Heat Weight**: N
- **Hard Endosperm**: N
- **GDD - Pollen**: 1365
- **GDD - Silk**: 1365
- **GDD - Black Layer**: 2700
- **Plant Height**: M
- **Ear Height**: M
- **Ear Type**: SF
- **Flowering for Maturity**: MD

### MANAGEMENT TIPS

Best adapted to high yield potential fields in its maturity zone and north throughout the Corn Belt. Field observations indicate strong tolerance to Bacterial Leaf Streak, Physoderma Brown Spot and Physoderma stalk Rot, with average scores against Tar Spot. A high fungicide response is expected, especially in corn-on-corn situations that favor corn disease development. A longer, semi-flex ear allows for planting at moderate to higher populations. Moderate plant stature can help with residue management in continuous corn fields.

### MANUFACTURING PRACTICES

- **MID**: No
- **SF**: Yes

### DISEASE RATINGS

<table>
<thead>
<tr>
<th>Disease</th>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Southern Rust</th>
<th>Fungicide Response</th>
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<tbody>
<tr>
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<td>N/A</td>
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<td>High</td>
<td>High</td>
<td>High</td>
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</tr>
</tbody>
</table>

### HERBICIDE INTERACTION

None noted

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### PRODUCT INFORMATION

**LG59C46** has great performance in this maturity. Widely adapted with top and yields obtained across the entire Corn Belt. Approved as HEC or food grade corn in some markets.

- Top-notch yield potential.
- Consistent ears with limited fix and average girth produce higher test weight grain with high quality.
- Southern rust is average, but overall the disease package is strong.
- Handles marginal soils and wet, poorly drained soils. Well adapted to corn-on-corn acres.

### MANUFACTURING PRACTICES

- **MID**: No
- **SF**: Yes
- **GDD - Pollen**: 1367
- **GDD - Silk**: 1367
- **GDD - Black Layer**: 2764

### PLANT CHARACTERISTICS

- **Ear Type**: SF
- **Flowering for Maturity**: MD

### MANAGEMENT TIPS

- **Planting Rate**: 30-38,000
- **Adapt No-Till**: 9
- **Southern Rust**: 5
- **Fungicide Response**: Moderate

### HERBICIDE INTERACTION

Manage growth regulators.
**LG59C66**

**PRODUCT INFORMATION**

LG59C66 is a showy, robust plant with great eye appeal furnishing very high top-end yields. This product boasts top-notch leaf disease tolerances along with superior stress tolerance. It is Slige Proven and can be used as a grain or silage product.

- Top yield potential for this maturity, drives fast for early harvest. Approved as HEC or feed grade corn in some markets.
- Excellent test weight grain from big, gritty, consistent ears that are filled to the tip with complete head cover.
- Very good plant health, disease tolerance ratings and staygreen can reduce the need for a fungicide.
- Widely adapted east to west, and is a dual purpose product for use as grain or silage.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Vigor</td>
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<td>Stalk Strength</td>
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<td>Root Strength</td>
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<td>Greensnap</td>
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<td>Drydown</td>
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<tr>
<td>Staygreen</td>
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<td>Drought Tolerance</td>
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<tr>
<td>Flowering for Maturity</td>
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</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

Exceed in high yield environments along with excellent stress tolerance. Better performance is seen on moderately well to well-drained soils. Well adapted to corn-on-corn acres. Fungicide applications should be in combination with a field scouting program.

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>7</td>
</tr>
<tr>
<td>S. Leaf Blight</td>
<td>N/A</td>
</tr>
<tr>
<td>Gray Leaf Spot</td>
<td>8</td>
</tr>
<tr>
<td>Bacterial Wilt</td>
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<td>Anthracnose</td>
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<td>Eyespot</td>
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<tr>
<td>Common Rust</td>
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<tr>
<td>Southern Rust</td>
<td>7</td>
</tr>
<tr>
<td>Fungicide Response</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

Manage growth regulators

**HERBICIDE INTERACTION**

None noted

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**LG59C72**

**PRODUCT INFORMATION**

LG59C72 has a high yield advantage over other products in this maturity. A complete package of high performance, agronomics and disease tolerance.

- Broad acre fit across the corn belt, can be planted anywhere the maturity is appropriate.
- Good to very good ratings for Fusarium, AsR, GLS, Goss’s Wilt and NCLB.
- Medium ear size, having a good response to moderately high population and fertility inputs.
- Can be planted as an early product south of primary adapted area. High tolerance to heat.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ear Type</td>
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</tr>
<tr>
<td>Flowering for Maturity</td>
<td>MED</td>
</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

Manage for top-end yields with higher populations, good fertility and management practices. Best fit is in its adapted maturity zone or south, as an early season product. Scouting before fungicide application is recommended.

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
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<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>7</td>
</tr>
<tr>
<td>S. Leaf Blight</td>
<td>N/A</td>
</tr>
<tr>
<td>Gray Leaf Spot</td>
<td>7</td>
</tr>
<tr>
<td>Goss’s Bacterial Wilt</td>
<td>8</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>7</td>
</tr>
<tr>
<td>Eyespot</td>
<td>N/A</td>
</tr>
<tr>
<td>Common Rust</td>
<td>8</td>
</tr>
<tr>
<td>Southern Rust</td>
<td>8</td>
</tr>
<tr>
<td>Fungicide Response</td>
<td>High</td>
</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

None noted

---
LG5590 has very girthy ears that produce good test weight grain. Consistent high yield potential is shown by this broadly adapted product that prefers variable to better corn yield environments. Slige Proven.

- Consistently high yield performance across the eastern and central regions.
- Medium statured plants with good early vigor produce very girthy ears and grain of good test weight.
- Superior disease ratings - handles Goss’s WR, NCLB, SCLB, GLS, Southern Rust.
- Broadly adapted to all soils and tillage practices, handling variable soils well.

**PLANT CHARACTERISTICS**

- Early Vigor: 8
- Stalk Strength: 6
- Root Strength: 7
- Greenan: 8
- Drybren: 8
- Staygreen: 6
- Drought Tolerance: 8
- Test Weight: 7
- Harvest Appearance: 6
- Hard Endosperm: No
- GDD: Pbltn: 1227
- GDD: Slik: 1314
- GDD: Black Lyr: 2711
- Plant Height: M
- Ear Height: MH
- Ear Type: SF
- Flowering for Maturity: MD

**HERBICIDE INTERACTION**

Manage growth regulators.

**PRODUCT INFORMATION**

LG60C12 is a full five ear hybrid with excellent southern movement. Very good ear girth with excellent ear flex associated with this product. Has dual purpose possibilites for both grain and silage.

- Exceptional yield for maturity, even at lower plant populations.
- Larger plant style with good heat tolerance and very good husk cover.
- Above average Goss’s WR, average GLS and NCLB.
- A fungicide application will likely provide benefit for disease protection and late season stalk integrity.

**PLANT CHARACTERISTICS**

- Early Vigor: 7
- Stalk Strength: 6
- Root Strength: 6
- Greenan: 8
- Drybren: 7
- Staygreen: 8
- Drought Tolerance: 8
- Test Weight: 7
- Harvest Appearance: 6
- Hard Endosperm: No
- GDD: Pbltn: 1345
- GDD: Slik: 1430
- GDD: Black Lyr: 2760
- Plant Height: M
- Ear Height: H
- Ear Type: F
- Flowering for Maturity: MD

**MANAGEMENT TIPS**

- The Agrisure Duracade® 5222 EZ Refuge® trait stack and Agrisure Viptera® 3330 trait stack options provide outstanding insect control for growers. The rots need to be managed as lodging can be an issue in some situations with this hybrid. Best to plant at lower to moderate populations for the growing area. Well adapted for planting in the high plains dryland environments. Manage fertility for high yields at low to moderate populations. Place on adequately drained soils at moderate populations. Use as an early hybrid south or in lower population environments. Fungicides recommended when planted corn-on-corn. The Bt Refuge® component will be glyphosate and glufosinate tolerant.
LG60C33 exhibits exceptional stalk and root strength in combination with very high yield potential and a robust health profile. A key product from east to west.

- Enhanced return on your seed investment from LG60C33’s reliable top performance.
- Very healthy with high tolerance to Fusarium, ASR, Goss’s wilt, GLS, NCLB and Southern Rust.
- Widely adapted east to west with best performance in its adapted maturity and north as a full season product.
- Optimum performance under high management and population.

**PRODUCT INFORMATION**

**PLANT CHARACTERISTICS**

- Early Vigor: 8
- Stalk Strength: 9
- Root Strength: 9
- Greenrape: 8
- Drydown: 8
- Staygreen: 8
- Drought Tolerance: 8
- Test Weight: 7
- Harvest Appearance: 9
- Hard Endosperm: No
- GDD - Pollen: 1270
- GDD - Silk: 1350
- GDD - Black Layer: 2774
- Plant Height: MT
- Ear Height: M
- Ear Type: SF
- Flowering for Maturity: MD

**MANAGEMENT TIPS**

Medium-sized, semi-flex ears will respond to increased population. Conveys very good tolerance to ASR. Healthy plants will show good response to in-season applications of nitrogen. Use a fungicide only after scouting for need, as this is a very healthy hybrid. Excellent stalks and roots will give a wide harvest window.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Margin Soil</th>
<th>Productive Soil</th>
<th>Continous Corn</th>
<th>Adapt No-Till</th>
<th>N. Leaf Blight</th>
<th>S. Leaf Blight</th>
<th>Gray Leaf Spot</th>
<th>Goss’s Bacterial Wilt</th>
<th>Anthracnose</th>
<th>Erysipota</th>
<th>CMS Rust</th>
<th>Southern Rust</th>
<th>Fungicide Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>9</td>
<td>8</td>
<td>8</td>
<td>9</td>
<td>7</td>
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<td>8</td>
<td>8</td>
<td>N/A</td>
<td>8</td>
<td>8</td>
<td>Low</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

**HERBICIDE INTERACTION**

Manage pigment inhibitors.

**LG60C47** is a new SmartStax® product that brings defensive characteristics along with high yield. The plant provides a strong health package and solid agronomics having big ears and healthy plants with a great commercial look.

- Very attractive plant type with very high yield potential from large, shaggy ears of good text weight grain.
- The plant is medium height with medium-low ear placement. Grain quality is above average with very good drydown.
- A strong disease package with excellent scores against NCLB and SCLB. Above average tolerance against Goss’s Wilt.
- This product is broadly adapted across soil types and can move south well.

**PRODUCT INFORMATION**

**PLANT CHARACTERISTICS**

- Low Pop: 7
- Med Pop: 8
- High Pop: 8
- Margin Soil: 8
- Productive Soil: 8
- Continous Corn: 7
- Adapt No-Till: 8
- N. Leaf Blight: 9
- S. Leaf Blight: 9
- Gray Leaf Spot: 7
- Goss’s Bacterial Wilt: 7
- Anthracnose: 7
- Erysipota: N/A
- CMS Rust: 7
- Southern Rust: 8
- Fungicide Response: High

**MANAGEMENT TIPS**

Widely adapted across the Corn Belt and can move south into the Texas panhandle. LG60C47 can yield in both variable, tough soils and highly productive soils at medium-high to higher populations. Can excel in years of drought conditions. Manage GLS with a fungicide application. Fungicide is also recommended in continuous corn and high disease pressure environments.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Margin Soil</th>
<th>Productive Soil</th>
<th>Continous Corn</th>
<th>Adapt No-Till</th>
<th>N. Leaf Blight</th>
<th>S. Leaf Blight</th>
<th>Gray Leaf Spot</th>
<th>Goss’s Bacterial Wilt</th>
<th>Anthracnose</th>
<th>Erysipota</th>
<th>CMS Rust</th>
<th>Southern Rust</th>
<th>Fungicide Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>9</td>
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<td>8</td>
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<td>8</td>
<td>8</td>
<td>Low</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

**HERBICIDE INTERACTION**

None noted.
LG61C10 is a high performing, conventional product with very good test weight and strong stalks. Very wide adaptation east to west. Approved as HEC or food grade corn in some markets.

- Excellent top-end yield potential from consistent ear set within the row.
- Medium tall with a medium ear set. Strong stalks. Nice late season look.
- Above average disease package.
- Plant at medium to medium-high populations and be rewarded with high yields.

**PRODUCT INFORMATION**

**PLANT CHARACTERISTICS**

- Early Vigor: 8
- stalk Strength: 8
- Root Strength: 7
- GreenSnap: 7
- Drydown: 8
- Staygreen: 8
- Drought Tolerance: 7
- Harvest Appearance: 8
- Hard Endosperm: Yes
- GDD - Pollen: 1400
- GDD - Silk: 1395
- GDD - Black Layer: 2750
- Plant Height: MT
- Ear Height: M
- Ear Type: SF
- Flowering for Maturity: MED

**MANAGEMENT TIPS**

Best on moderate to highly productive soils. Strong emergence suitable for no-till and early planting. Keep populations in the medium to medium high range for best performance. Good ratings for Tc Spot. Use fungicides only after scouting for disease presence or in known high disease pressure environment.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Planting Rate</th>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Fungicide Response</th>
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<td>8</td>
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</table>

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>DISEASE RATINGS</th>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Fungicide Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>S. Leaf Blight</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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</tr>
<tr>
<td>Anthracnose</td>
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<td>N/A</td>
<td>N/A</td>
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<td>Eyespot</td>
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<td>N/A</td>
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<td>N/A</td>
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</tr>
<tr>
<td>Common Rust</td>
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<td>N/A</td>
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<td>N/A</td>
<td>N/A</td>
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</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

None noted.

LG61C48 is a top performing product that is best suited for elevated yields with high management in its maturity. Very attractive fall appearance. Stage Proven and is approved as HEC or food grade corn in some markets.

- Solid high yield potential east to west across the Corn Belt with a strong response to high management practices.
- Gritty, semi-flex ear with very good test weight grain and an open husk that aids drydown at harvest.
- Overall strong health package contributes to good fall appearance and very good harvestability.
- Well suited for irrigated soils or areas with adequate rainfall. Excels at medium to medium-high populations.

**PRODUCT INFORMATION**

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Planting Rate</th>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
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<th>Fungicide Response</th>
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</thead>
<tbody>
<tr>
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</tr>
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</table>

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>DISEASE RATINGS</th>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
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<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Fungicide Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Leaf Blight</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>S. Leaf Blight</td>
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<td>8</td>
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<td>N/A</td>
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<td>N/A</td>
</tr>
<tr>
<td>Eyespot</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td>N/A</td>
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</tr>
<tr>
<td>Common Rust</td>
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<td>N/A</td>
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</tr>
<tr>
<td>Southern Rust</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

None noted.
LG2602

PRODUCT INFORMATION

LG2602 is a medium-tall leafy plant with very good fall intactness. Healthy with very good tolerance to NCLB, GLS, Common Rust and Goss’s WH. Silage Proven.

- Proven performance, especially on well-drained soils in the western Corn Belt.
- Very deep kernels on large, girthy ears with good husk cover and good drydown. Plant at moderate populations to accommodate ear flex.
- Very healthy plants that can potentially reduce applications of a fungicide.
- Dual purpose product that can provide harvest and end-use flexibility.

MANAGEMENT PRACTICES

Fungicide Response: Moderate

DISEASE RATINGS

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Planting Rate</th>
</tr>
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<td>8</td>
<td>8</td>
<td>8</td>
<td>9</td>
<td>36-38,000</td>
</tr>
</tbody>
</table>

LG5618

PRODUCT INFORMATION

Widely adapted, LG5618 furnishes high yields, and has strong emergence and vigor for early planting in any tillage system. It is approved as food grade corn in some markets. Silage Proven.

- Strong agronomics, widely used with proven performance across varied environments.
- Early flowering with high test weight quality grain and excellent drought and stress tolerance.
- Good standability ratings supported by a strong disease package and above average Goss’s WH ratings.
- Responds to higher populations and good management, recommended for continuous corn situations. Silage Proven.

MANAGEMENT PRACTICES

Conventional

Fungicide Response: Moderate

DISEASE RATINGS

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Planting Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>9</td>
<td>9</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>38-38,000</td>
</tr>
</tbody>
</table>

LG62C02

PRODUCT INFORMATION

LG62C02 shows superior stalk health, excellent staygreen and fall intactness. Strong performance central and east from medium-tall plants with adequate husk cover. A Silage Proven product and also approved as HEC or food grade corn in some markets.

- A good return on investment from high yields, strong agronomics and superior health.
- High test weight grain produced from moderately girthy ears; excellent staygreen and fall intactness.
- Solid against NCLB, SCLB and GLS. Conveys very good tolerance to ASR in the SmartStax® trait version.
- Very good drought and heat tolerance. Is best adapted central, east and south.

MANAGEMENT PRACTICES

Conventional

Fungicide Response: Moderate

DISEASE RATINGS

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Planting Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>8</td>
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<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>38-38,000</td>
</tr>
</tbody>
</table>
LG62C35

PRODUCT INFORMATION

LG62C35 has very high yield potential with healthy plants and a standard season-long great look. This product is a first choice for maximum yield and stable performance over a wide range of environments.

- Really nice look with plants that stay green late-season and have prominent, showy ears.
- Strong emergence and plant vigor allow for early planting.
- Very high levels of both stalk and leaf disease tolerance, including Anthracnose, GLS, Goss's Wilt, and Southern Rust.
- Conveys very good tolerance to ASR.

PLAN T CHARACTERISTICS

<table>
<thead>
<tr>
<th>Early Vigor</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stalk Strength</td>
<td>8</td>
</tr>
<tr>
<td>Root Strength</td>
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<td>Greenup</td>
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<tr>
<td>Drydown</td>
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</tr>
<tr>
<td>Staygreen</td>
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</tr>
<tr>
<td>Drought Tolerance</td>
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</tr>
<tr>
<td>Test Weight</td>
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<tr>
<td>Harvest Appearance</td>
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<tr>
<td>Hard Endosperm</td>
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<td>GDD - Silk</td>
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<tr>
<td>Ear Height</td>
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<tr>
<td>Ear Type</td>
<td>SF</td>
</tr>
<tr>
<td>Flowering for Maturity</td>
<td>MD</td>
</tr>
</tbody>
</table>

MANAGEMENT TIPS

Longer, semi-flex ears will tolerate a wide range of populations. Responds favorably to irrigation. Healthy plants will benefit from in-season sidedress nitrogen applications. Fungicide applications should be infrequent and in combination with a field scouting program.

HERBICIDE INTERACTION

Manage growth regulators

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginl Soil</th>
<th>Produtives Soil</th>
<th>Continous Corn</th>
<th>Adapt No-Till</th>
<th>Planting Rate</th>
<th>Test Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>28-36,000</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

DISEASE RATINGS

- N. Leaf Blight: 7
- S. Leaf Blight: 7
- Gray Leaf Spot: 8
- Ghos's Bacterial Wil: 8
- Anthracnose: 7
- Eyespot: N/A
- Common Rust: 7
- Southern Rust: 8
- Fungicide Response: Moderate

HERBICIDE INTERACTION

None noted

LG62C52

PRODUCT INFORMATION

LG62C52 is a high yielding product that is widely adapted across the Corn Belt, with good movement north and south of zone. Performs well over many soil variations and stays intact late into the season. This product responds favorably to fungicides.

- Widely adapted with high yield potential, produces very good test weight and grain quality.
- Medium-fall plants emerge well in the spring and have very good early vigor.
- Very good scores against Stalk Anthracnose, SCLB and Southern Rust.
- Features good drydown and staygreen with very good fall inactives.

MANAGEMENT TIPS

Widely adapted over variable and ideal yield environments. Fungicide application will benefit this hybrid in high disease and/or high yield environments. Field performance will be enhanced at moderately high populations.

HERBICIDE INTERACTION

Manage growth regulators

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginl Soil</th>
<th>Produtives Soil</th>
<th>Continous Corn</th>
<th>Adapt No-Till</th>
<th>Planting Rate</th>
<th>Test Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>28-36,000</td>
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<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

DISEASE RATINGS

- N. Leaf Blight: 7
- S. Leaf Blight: 7
- Gray Leaf Spot: 8
- Ghos's Bacterial Wil: 8
- Anthracnose: 8
- Eyespot: N/A
- Common Rust: 8
- Southern Rust: 8
- Fungicide Response: High
LG62C71

PRODUCT INFORMATION
LG62C71 is widely adapted east to west across the central Corn Belt. Very healthy plants have a good late season look and furnish high yields of quality grain. Excellent stalks and roots allow for higher populations to maximize yield potential.

• Top-end yields from medium-tall plants with semi-erect leaves.
• Strong emergence and rapid early growth. Suitable for early and no-till planting.
• Very healthy for leaf diseases including Gray Leaf Spot, NCLB, Bacterial Leaf Streak, Goss’s Wilt and Southern Rust and Physoderma Brown Spot and Physoderma Stalk Rot.
• Good tolerance to Tar Spot, Holcus Spot and greenup.

PLANT CHARACTERISTICS
Early Vigor ........................................ 8
Stalk Strength ................................ 8
Root Strength ................................ 8
Greensnap ....................................... 8
Drydown ........................................ 6
Staygreen ........................................ 7
Drought Tolerance .............................. 6
Harvest Appearance .......................... 8
Hard Endosperm ................................. No
GDD - Pollen .................................. 1405
GDD - Silk ........................................ 1410
GDD - Black Layer ......................... 2820
Plant Height ..................................... MT
Ear Height ....................................... M
Ear Type ........................................... S/F
Flowering for Maturity ........................ N/A

MANAGEMENT TIPS
Responds to high management practices, irrigation, increased fertility and population. Very strong leaf health including good scores for Physoderma Stalk Rot and Tar Spot. Longer ear style will allow for flexibility in planting populations. Suitable for early and no-till planting. Has the plant stature to be dual purpose grain or silage.

MANAGEMENT PRACTICES
Low Pop ................................. 7
Med Pop ................................. 8
High Pop ................................. 8
Marginal Soil ......................... 6
Productive Soil ..................... 9
Continuous Corn ............. 7
Adapt No-Till ......................... 9
Planting Rate ...................... 30-37/000

HERBICIDE INTERACTION
None noted

DISEASE RATINGS
N. Leaf Blight ......................... 8
S. Leaf Blight ......................... N/A
Gray Leaf Spot ..................... 8
Goss’s Bacterial Wilt ............ 8
Anthracnose ......................... 6
Eyespot ................................ N/A
Common Rust ....................... 8
Southern Rust ....................... 7
Fungicide Response - Moderate

LG63C04

PRODUCT INFORMATION
LG63C04, a Conventional product, has top-end yield potential. A taller, robust plant that produces ears of average size and have good extended husk cover.

• Has a high return on investment from the product’s yield performance and grain that dries fast in the fall.
• Fast emergence and excellent early plant vigor with great adaptation to no-till and reduced tillage.
• Superior tolerance to Southern Rust, Goss’s Wilt and GLS, very good staygreen and intactness scores.
• Widely adapted across diverse soil types.

MANAGEMENT PRACTICES
Low Pop ................................. 7
Med Pop ................................. 9
High Pop ................................. 9
Marginal Soil ......................... 8
Productive Soil ..................... 9
Continuous Corn ............. 8
Adapt No-Till ......................... 9
Planting Rate ...................... 28-36/000

DISEASE RATINGS
N. Leaf Blight ......................... 8
S. Leaf Blight ......................... N/A
Gray Leaf Spot ..................... 8
Goss’s Bacterial Wilt ............ 7
Anthracnose ......................... 6
Eyespot ................................ N/A
Common Rust ....................... 7
Southern Rust ....................... 7
Fungicide Response - Moderate
ES7514

PRODUCT INFORMATION

Popular grain hybrid for the California market with very high yield potential and strong disease resistance. Full canopy plants produce grain that is approved as food grade corn in some markets.

- High yield, high bushel weight.
- Produces grain that is approved as food grade corn in some markets.
- Rapid emergence and strong seedling vigor with very good roots and excellent stalks.
- Full husk coverage aids in pest and ear disease protection.

MANAGEMENT PRACTICES

<table>
<thead>
<tr>
<th>MANAGEMENT PRACTICES</th>
<th>DISEASE RATINGS</th>
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</thead>
<tbody>
<tr>
<td>Low Pop ............... 7</td>
<td>N. Leaf Blight ..., N/A</td>
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<td>Continuous Corn .......... 8</td>
<td>Eyespot ............. N/A</td>
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<td>Adapt No-Till ........ 9</td>
<td>Common Rust ........ 5</td>
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<td>Planting Rate .......... 22-38,000</td>
<td>Southern Rust ....... N/A</td>
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</table>

PLANT CHARACTERISTICS

- Early Vigor ........ 7
- Stalk Strength ...... 7
- Root Strength ...... 7
- Greensnap .......... 6
- Drydown ........... 7
- Staygreen .......... 8
- Drought Tolerance .. 6
- Test Weight ........ 9
- Harvest Appearance .. 7
- Hard Endosperm .... Yes
- GDD - Pollen ....... 2175
- GDD - Silk .......... 1375
- GDD - Black Layer ... 2838
- Plant Height ....... T
- Ear Height .......... MH
- Ear Type ............ F
- Flowering for Maturity ....... M&D

ES7531

PRODUCT INFORMATION

ES7531 is a solid dual purpose product with high top-end yield potential and a Stine Prower. Is very broadly adapted to the far west and south. Has superior standability. The trait provides exceptional control of corn earworm and fall armyworm.

- Tall plants with medium high ears produce high yields of food grade quality grain.
- Girthy ears have good tip fill with a tight husk cover.
- Excellent late season health and intactness.
- Very good dual-purpose hybrid.

MANAGEMENT TIPS

Excellent performance under irrigation. Will handle marginal soils with low-medium fertility. The Agrisure Viptera® 2910 trait stack requires a 20% structured refuge. Well adapted to corn-on-corn situations.

HERBICIDE INTERACTION

None noted.
**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
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</table>

**HERBICIDE INTERACTION**

Manage sulfonylureas

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
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<tbody>
<tr>
<td>N. Leaf Blight</td>
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<td>Gray Leaf Spot</td>
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<td>Anthracnose</td>
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<td>Stem Blight</td>
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</tr>
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<td>Common Rust</td>
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<td>Southern Rust</td>
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</tr>
<tr>
<td>Fungicide Response</td>
<td>Moderate</td>
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</table>

**HERBICIDE INTERACTION**

None noted
LG64C20 has high yield potential and is very strong when used as a full season product, especially in the central Corn Belt. Strong commercial look with nice health and late season appearance. Approved as HEC or food grade corn in some markets.

- High yield potential. Grain has a nice appearance and is approved food grade corn in some markets.
- Medium height plants with medium ear insertion, strong stalks and roots, very good greensnap ratings.
- Good scores for GLS and common leaf diseases. Average for Southern Rust. Tar Spot and Physoderma ratings are very good.
- Scout before fungicide use, except in areas of high disease risk and in high yield environments.

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<th>GDD - Black Layer</th>
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<th>Ear Type</th>
<th>Flowering for Maturity</th>
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<td>SF</td>
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</table>

HERBICIDE INTERACTION

None noted

PRODUCT INFORMATION

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<td>M</td>
<td>SF</td>
<td>MD</td>
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</tbody>
</table>

HERBICIDE INTERACTION

None noted

PRODUCT INFORMATION

LG64C30 has high yield potential and is very strong when used as a full season product, especially in the central Corn Belt. Strong commercial look with nice health and late season appearance. Approved as HEC or food grade corn in some markets.

- High yield potential. Grain has a nice appearance and is approved food grade corn in some markets.
- Medium height plants with medium ear insertion, strong stalks and roots, very good greensnap ratings.
- Good scores for GLS and common leaf diseases. Average for Southern Rust. Tar Spot and Physoderma ratings are very good.
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<th>Hard Endosperm</th>
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</table>

HERBICIDE INTERACTION

None noted

PRODUCT INFORMATION

LG64C30 has high yield potential and is very strong when used as a full season product, especially in the central Corn Belt. Strong commercial look with nice health and late season appearance. Approved as HEC or food grade corn in some markets.

- High yield potential. Grain has a nice appearance and is approved food grade corn in some markets.
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<td>M</td>
<td>M</td>
<td>SF</td>
<td>MD</td>
<td>None noted</td>
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</tbody>
</table>

HERBICIDE INTERACTION

None noted

PRODUCT INFORMATION

LG64C30 has high yield potential and is very strong when used as a full season product, especially in the central Corn Belt. Strong commercial look with nice health and late season appearance. Approved as HEC or food grade corn in some markets.

- High yield potential. Grain has a nice appearance and is approved food grade corn in some markets.
- Medium height plants with medium ear insertion, strong stalks and roots, very good greensnap ratings.
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<th>Test Weight</th>
<th>Harvest Appearance</th>
<th>Hard Endosperm</th>
<th>GDD - Pollen</th>
<th>GDD - Silk</th>
<th>GDD - Black Layer</th>
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<th>Ear Height</th>
<th>Ear Type</th>
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<td>2798</td>
<td>M</td>
<td>M</td>
<td>SF</td>
<td>MD</td>
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</tr>
</tbody>
</table>

HERBICIDE INTERACTION

None noted
**PRODUCT INFORMATION**

LG5700 is a shorter plant with medium-high ear placement and tremendous yield potential from gettyy ears. This is a product with very strong performance across the Corn Belt and can be used in the High Plains dryland environments.

- Tremendous yield potential and stability across variable environments from this Silage Proven product.
- Very good emergence and early vigor with a strong disease profile make this an excellent choice for high residue, continuous corn environments.
- Overall plant health and excellent stalks and roots lead to an outstanding fall appearance and ease of harvest.
- Can be effectively used as a full season product planted north of its adapted maturity.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
<th>Continuous Corn</th>
<th>Adapt No-Till</th>
<th>Planting Rate</th>
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</table>

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>N. Leaf Blight</th>
<th>S. Leaf Blight</th>
<th>Gray Leaf Spot</th>
<th>Goss’s Bacterial Wilts</th>
<th>Anthracnose</th>
<th>Eyespot</th>
<th>Common Rust</th>
<th>Southern Rust</th>
<th>Fungicide Response</th>
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<tbody>
<tr>
<td>8</td>
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<td>8</td>
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</table>

**PRODUCT INFORMATION**

LG5701 is a high yielding, full season product that is well proven across its adapted maturity. It is approved as food-grade corn in some markets and is Silage Proven.

- Impressive yields as a full season product with good husk cover and long ears.
- Rapid emergence and vigor favors early planting. Plants have strong roots and stalks.
- High test weight grain dries down fast for efficient harvest.
- Great performance under irrigation, good performance in dryland. Dual purpose for grain or silage.

**MANAGEMENT TIPS**

Great performance under irrigation and good performance in dryland. Adapted across diverse soil types. It can be used in the High Plains dryland environments. GLS and Goss’s Wilt should be managed.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Marginal Soil</th>
<th>Productive Soil</th>
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**DISEASE RATINGS**

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<thead>
<tr>
<th>N. Leaf Blight</th>
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<th>Gray Leaf Spot</th>
<th>Goss’s Bacterial Wilts</th>
<th>Anthracnose</th>
<th>Eyespot</th>
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<th>Southern Rust</th>
<th>Fungicide Response</th>
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**PLANT CHARACTERISTICS**

- Early Vigor: 7
- Stalk Strength: 7
- Root Strength: 8
- Greenup: 6
- Drydown: 8
- Stay Green: 7
- Drought Tolerance: 8
- Test Weight: 8
- Harvest Appearance: 8
- Hard Endosperm: Yes
- GDD - Pollen: 116 RM
- GDD - Silk: 116 RM
- GDD - Black Layer: 2902
- Plant Height: MT
- Ear Height: M
- Ear Type: F
- Flowering for Maturity: ND

**HERBICIDE INTERACTION**

Manage pigment inhibitors and growth regulators; Sulfonylureas not recommended.
LG66C11

PRODUCT INFORMATION

LG66C11 is a full season product especially adapted to southern areas and has top-end yield potential. A taller plant with good standability and a great look at harvest.

- Solid agronomic package for use on productive soils
- Big, full-ear with excellent grain quality and husk cover
- Good stalk and root strength
- Well-adapted to the southern Corn Belt

PLANT CHARACTERISTICS

• Early Vigor
• Stalk Strength
• Root Strength
• Greenmane
• Drydown
• Staygreen
• Drought Tolerance
• Test Weight
• Harvest Appearance
• Hard Endosperm
• GDD - Pollen
• GDD - Silk
• GDD - Black Layer
• Plant Height
• Ear Height
• Ear Type
• Flowering for Maturity

MANAGEMENT TIPS

Will perform well under full irrigation at high populations and under limited irrigation at moderate populations. Also well-adapted to dryland acres in the south. Caution is suggested in poorly drained soils and marginal fertility environments. Recommended for planting in continuous corn.

MANAGEMENT PRACTICES

<table>
<thead>
<tr>
<th>Planting Rate</th>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
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<tr>
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<td>22-38,000</td>
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</tbody>
</table>

DISEASE RATINGS

- N. Leaf Blight
- S. Leaf Blight
- Gray Leaf Spot
- Goss’s Bacterial Wilt
- Anthracnose
- Eyepot
- Common Rust
- Southern Rust
- Fungicide Response

HERBICIDE INTERACTION

Manage sulfonyluracils

LG66C28

PRODUCT INFORMATION

LG66C28 is a full season corn product with the high performing Agrisure Viptera® trait. Grifty ears with excellent tip fill that can be used in both dryland and irrigated environments. Slige Proven.

- The Agrisure Viptera® 3220 trait stack provides exceptional control of corn earworm and fall armyworm.
- High grain quality and good test weight.
- Excellent late season plant intactness; very good stalk and root strength.
- This dual purpose, Slige Proven product can be used as grain or silage.

PLANT CHARACTERISTICS

• Early Vigor
• Stalk Strength
• Root Strength
• Greenmane
• Drydown
• Staygreen
• Drought Tolerance
• Test Weight
• Harvest Appearance
• Hard Endosperm
• GDD - Pollen
• GDD - Silk
• GDD - Black Layer
• Plant Height
• Ear Height
• Ear Type
• Flowering for Maturity

MANAGEMENT TIPS

The highly effective Agrisure Viptera® trait provides excellent control of corn earworm and fall armyworm. Best placed on acres where corn rootworm pressure is not expected unless labeled rates of seed or soil applied insecticide are used.

MANAGEMENT PRACTICES

<table>
<thead>
<tr>
<th>Planting Rate</th>
<th>Low Pop</th>
<th>Med Pop</th>
<th>High Pop</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
</tbody>
</table>

DISEASE RATINGS

- N. Leaf Blight
- S. Leaf Blight
- Gray Leaf Spot
- Goss’s Bacterial Wilt
- Anthracnose
- Eyepot
- Common Rust
- Southern Rust
- Fungicide Response

HERBICIDE INTERACTION

Manage pigment inhibitors and growth regulators
**PRODUCT INFORMATION**

**LG66C32** is widely adapted; has high yield potential from medium-tall plants that have very good standability. Stage Proven. Approved as HEC or food grade corn in some markets.

- Top-end yield potential with very good emergence, stalks and roots.
- Semi-flex ears with very good test weight and grain quality.
- Solid and stable disease ratings with good plant health, greensnap tolerance, and staygreen.
- The VT Double Pro® trait version conveys very good tolerance to ASR.

**PLANT CHARACTERISTICS**

- Early Vigor
- Stalk Strength
- Root Strength
- Greensnap
- Drydown
- Staygreen
- Drought Tolerance
- Test Weight
- Harvest Appearance
- Hard Endosperm
- GDD - Pollen
- GDD - Black Layer
- Plant Height
- Ear Height
- Ear Type
- Flowering for Maturity

**MANAGEMENT TIPS**

Will perform well under full irrigation at high populations, and under limited irrigation or productive dryland at moderate populations. Suggest caution in marginal fertility environments. Recommended for planting in continuous corn.

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Risk Level</th>
<th>9 = Excellent</th>
<th>8 = Very Good</th>
<th>7 = Good</th>
<th>6 = Moderate</th>
<th>5 = Poor</th>
<th>N/A = Not Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Pop</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
</tr>
<tr>
<td>Med Pop</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
</tr>
<tr>
<td>High Pop</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
</tr>
<tr>
<td>Marginal Soil</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
</tr>
<tr>
<td>Productive Soil</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
</tr>
<tr>
<td>Continuous Corn</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
</tr>
<tr>
<td>Adapt No-Toil</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
</tr>
<tr>
<td>Planting Rate</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

None noted.

**PRODUCT INFORMATION**

**LG66C44** has healthy plants with ears that have good flex in both girth and length. Grain is high quality and is approved as HEC or food grade corn in some markets.

- Very high yield potential from medium-tall healthy plants with great standability.
- Grain is high quality with food grade potential.
- High scores for Anthracnose, Stalk Rot, GDL, NCLB, and Southern Rust. Average Goss’s Wilt and Physoderma ratings.
- Strong stalks and great late season #aetsness contribute to stability of performance and harvest versatility.

**PLANT CHARACTERISTICS**

- Early Vigor
- Stalk Strength
- Root Strength
- Greensnap
- Drydown
- Staygreen
- Drought Tolerance
- Test Weight
- Harvest Appearance
- Hard Endosperm
- GDD - Pollen
- GDD - Black Layer
- Plant Height
- Ear Height
- Ear Type
- Flowering for Maturity

**MANAGEMENT TIPS**

Very widely adapted across the Corn Belt wherever the maturity is appropriate. Can be planted early or late. Robust plant canopy aids in full-season weed control. Performs best at moderate to higher populations. No concerns about tillage or soil types. In-season fertility will maximize grain yield, responds to high yield management practices.

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Risk Level</th>
<th>9 = Excellent</th>
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<th>7 = Good</th>
<th>6 = Moderate</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Low Pop</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
</tr>
<tr>
<td>Med Pop</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
</tr>
<tr>
<td>High Pop</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
</tr>
<tr>
<td>Marginal Soil</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
</tr>
<tr>
<td>Productive Soil</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
</tr>
<tr>
<td>Continuous Corn</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
</tr>
<tr>
<td>Adapt No-Toil</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
</tr>
<tr>
<td>Planting Rate</td>
<td>Anthracnose</td>
<td>N. Leaf Blight</td>
<td>S. Leaf Blight</td>
<td>Gray Leaf Spot</td>
<td>Bacterial Wilt</td>
<td>Anthracnose</td>
</tr>
</tbody>
</table>

**HERBICIDE INTERACTION**

None noted.
**LG5717**

**PRODUCT INFORMATION**
LG5717 has good-yield performance and is widely adapted to the southern Corn Belt. Gritty ears produce high quality grain. Very good staygreen and performance under stress. Silage Proven.

- A robust plant stature with a wide canopy, providing excellent silage yields with good quality.
- Top-end yields with good test weight from gritty ears.
- Generally good disease characteristics and plant health.
- Good performance in drought and under stress.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Planting Rate</th>
<th>Adapt No-Till</th>
<th>Productive Soil</th>
<th>Marginal Soil</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Low Pop</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous Corn</td>
<td>8</td>
<td>N/A</td>
<td>9</td>
<td>8</td>
<td>9</td>
<td>8</td>
</tr>
<tr>
<td>22-34,000</td>
<td>N/A</td>
<td>22-34,000</td>
<td>22-34,000</td>
<td>N/A</td>
<td>22-34,000</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

- **N. Leaf Blight**: 8
- **S. Leaf Blight**: 8
- **Gray Leaf Spot**: 5
- **Goss’s Bacterial Wilt**: 5
- **Anthracnose**: 8
- **Eyespot**: N/A
- **Common Rust**: 5
- **Southern Rust**: N/A
- **Fungicide Response**: Moderate

**LG67C01**

**PRODUCT INFORMATION**
LG67C01 is widely adapted as a full season product and delivers high yields. Plants are tall, very robust in stature with good visual appearance. Silage Proven, excellent for grain or silage.

- Has outstanding health, seedling vigor and emergence and is highly rated for durability.
- Produces long, gritty ears with good husk cover.
- Higher than average test weight grain dries down fast for efficient harvest.
- Very good staygreen and full intactness makes this a beauty from the turn-row.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Planting Rate</th>
<th>Adapt No-Till</th>
<th>Productive Soil</th>
<th>Marginal Soil</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Low Pop</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous Corn</td>
<td>8</td>
<td>N/A</td>
<td>9</td>
<td>8</td>
<td>9</td>
<td>8</td>
</tr>
<tr>
<td>22-38,000</td>
<td>N/A</td>
<td>22-38,000</td>
<td>22-38,000</td>
<td>N/A</td>
<td>22-38,000</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

- **N. Leaf Blight**: N/A
- **S. Leaf Blight**: 8
- **Gray Leaf Spot**: 7
- **Goss’s Bacterial Wilt**: 5
- **Anthracnose**: 8
- **Eyespot**: N/A
- **Common Rust**: 7
- **Southern Rust**: N/A
- **Fungicide Response**: High

**ES7698**

**PRODUCT INFORMATION**
ES7698 is an excellent full season silage product that can be used in dryland or irrigated environments. Exceptional silage quality and tonnage.

- This Silage Proven product has excellent silage yields under irrigation or dryland.
- Flowers early for maturity having gritty ears with excellent tip fill and good husk cover.
- Excellent staygreen and eye appeal.
- Best adapted to acres committed to harvesting for silage.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Planting Rate</th>
<th>Adapt No-Till</th>
<th>Productive Soil</th>
<th>Marginal Soil</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Low Pop</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous Corn</td>
<td>9</td>
<td>N/A</td>
<td>8</td>
<td>9</td>
<td>9</td>
<td>8</td>
</tr>
<tr>
<td>22-38,000</td>
<td>N/A</td>
<td>22-38,000</td>
<td>22-38,000</td>
<td>N/A</td>
<td>22-38,000</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

- **N. Leaf Blight**: N/A
- **S. Leaf Blight**: N/A
- **Gray Leaf Spot**: 6
- **Goss’s Bacterial Wilt**: 5
- **Anthracnose**: 8
- **Eyespot**: N/A
- **Common Rust**: 8
- **Southern Rust**: N/A
- **Fungicide Response**: N/A

**LG67C45**

**PRODUCT INFORMATION**
LG67C45 is a full season corn product with high yields across the mid west and the south. High grain quality and very good test weight gives this product potential for food grade corn in some markets.

- Excellent top-end yield level with good plant health and grain quality.
- Very good early plant vigor and overall disease ratings.
- This product conveys specific tolerance to ASR.
- Good husk cover on a semi-flex ear.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Planting Rate</th>
<th>Adapt No-Till</th>
<th>Productive Soil</th>
<th>Marginal Soil</th>
<th>Med Pop</th>
<th>High Pop</th>
<th>Low Pop</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous Corn</td>
<td>9</td>
<td>N/A</td>
<td>8</td>
<td>9</td>
<td>9</td>
<td>8</td>
</tr>
<tr>
<td>22-38,000</td>
<td>N/A</td>
<td>22-38,000</td>
<td>22-38,000</td>
<td>N/A</td>
<td>22-38,000</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

- **N. Leaf Blight**: 8
- **S. Leaf Blight**: 8
- **Gray Leaf Spot**: 7
- **Goss’s Bacterial Wilt**: 5
- **Anthracnose**: 8
- **Eyespot**: N/A
- **Common Rust**: 7
- **Southern Rust**: N/A
- **Fungicide Response**: N/A

**CORN**
PRODUCT INFORMATION

LG68C22 is a top notch grain product with silage potential, broadly adapted across the southern region. Medium-tall plants stand well and have a great look at harvest. Approved as HEC or food grade corn in some markets.

- Excellent grain yield potential and is Slagle Proven.
- Gritty, semi-flex ears produce excellent quality and high test weight, food-grade grain.
- Generally very good plant health and exhibits very good tolerance to Diplodia Ear Rot.
- Conveys very good specific tolerance to ASR.

MANAGEMENT PRACTICES

- Low Pop: 22-38,000
- Med Pop: 14-32,000
- High Pop: 9
- Marginal Soil: 8
- Productive Soil: 9
- Continuous Corn: 8
- Adapt No-Till: 7
- Planting Rate: 22-38,000

DISEASE RATINGS

- N. Leaf Blight: 8
- S. Leaf Blight: 6
- Gray Leaf Spot: 7
- Goss’s Bacterial Wilt: 5
- Anthracnose: 7
- Eyespot: N/A
- Common Rust: 7
- Southern Rust: 5
- Fungicide Response: High

PRODUCT INFORMATION

LG68C88 furnishes excellent yield potential and high test weight from a medium-tall plant with a moderately high ear and is approved as food grade corn in some markets. Slagle Proven.

- Top-end yield potential and Slagle Proven.
- Gritty semi-flex ears produce high quality grain and very good test weights.
- Very good standability, plant health, staygreen and attractive harvest appearance.
- Conveys very good specific tolerance to ASR.

MANAGEMENT PRACTICES

- Low Pop: 7
- Med Pop: 9
- High Pop: 9
- Marginal Soil: 7
- Productive Soil: 9
- Continuous Corn: 8
- Adapt No-Till: 8
- Planting Rate: 22-36,000

DISEASE RATINGS

- N. Leaf Blight: 8
- S. Leaf Blight: 7
- Gray Leaf Spot: 7
- Goss’s Bacterial Wilt: 5
- Anthracnose: 8
- Eyespot: N/A
- Common Rust: 7
- Southern Rust: 7
- Fungicide Response: Moderate

PRODUCT INFORMATION

LG68C59 provides exceptional control of above and below-ground insects. Tall product with good canopy and potential dual-purpose product for grain or silage.

- Top end yields reward high-end management.
- Tall plant with nice leaf structure.
- Good tolerances to GLS and Goss’s Wilt.
- Consider a fungicide under heavy leaf disease pressure.

MANAGEMENT TIPS

The AgriLife Duracade® S322 B-Z Refuges™ product contains the unique corn rootworm control of the Agrisure Duracade® trait and the above-ground insect control of the Agrisure Viptera® trait. Best when planted at medium or medium-low plant population to allow for ear flex. Best placed on soils with adequate drainage. Very good southern movement on marginal soils and can move north as a potential full season grain or silage hybrid. The B-Z Refuge™ component will be glyphosate and glufosinate tolerant.

MANAGEMENT PRACTICES

- Low Pop: 8
- Med Pop: 8
- High Pop: 6
- Marginal Soil: 8
- Productive Soil: 9
- Continuous Corn: 8
- Adapt No-Till: 7
- Planting Rate: 14-32,000

DISEASE RATINGS

- N. Leaf Blight: 7
- S. Leaf Blight: N/A
- Gray Leaf Spot: 7
- Goss’s Bacterial Wilt: 7
- Anthracnose: N/A
- Eyespot: N/A
- Common Rust: 7
- Southern Rust: 7
- Fungicide Response: High

HERBICIDE INTERACTION

None noted.
If you knew you could achieve high soybean quality, without changing your management strategy... would you do it?

Learn more at lgseeds.com/HYQ
LGS00663RX

PRODUCT INFORMATION
LGS00663RX performs well across North Dakota, the Red River Valley regions and throughout northern Minnesota and Wisconsin. Provides a great agronomic package.
- Good candidate for northern Iron Deficiency Chlorosis acres.
- Thin-line, medium height plants have excellent emergence and very good standability.
- Very good White Mold scores and resistance to Phytophthora Root Rot.
- Soybean Cyst Nematode protection.

PLANT CHARACTERISTICS
- Emergence: 9
- Standability: 8
- Shower Resistance: 8
- Plant Height: M
- Plant Type: TL
- Pubescence: Lt. Tawny
- Flower Color: Purple
- Hilum: Black
- Pod Color: Brown

DISEASE RATINGS
- Cyst Nematode Resistance: S3, MR14
- Phytophthora Race Resistance: Rps1c
- Phytophthora Resistance: 7
- Brown Stem Rot: 7
- Iron Deficiency Chlorosis: 8
- Sclerotinia White Mold: 8
- Sudden Death: N/A
- Propeyes Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: N/A

MANAGEMENT TIPS
Adaptable to varying soil types. Holds its height in stress environments. Excellent performance under reduced tillage situations and in all row spacings.

MANAGEMENT PRACTICES
- Poorly Drained Soil: 8
- Marginal Soil: 8
- Productive Soil: 9
- Adapt No-Till: 8
- Early Vigor: 9

LGS00838XF

PRODUCT INFORMATION
LGS00838XF is an XtendFlex® soybean with very high yield potential and strong IDC tolerance. This medium sized, attractive plant features good standability throughout the season.
- High yield potential is furnished by a medium statured plant.
- Standability and shatter resistance are strong.
- Resistance to SCN along with very good IDC and PRR ratings.
- Strong performance across variable soils in North Dakota and northern Minnesota.

PLANT CHARACTERISTICS
- Emergence: 8
- Standability: 8
- Shower Resistance: 8
- Plant Height: M
- Plant Type: M
- Pubescence: Light Tawny
- Flower Color: Purple
- Hilum: Black
- Pod Color: Tan

DISEASE RATINGS
- Cyst Nematode Resistance: MS1, MS14
- Phytophthora Race Resistance: Rps1c
- Phytophthora Resistance: 7
- Brown Stem Rot: N/A
- Iron Deficiency Chlorosis: 8
- Sclerotinia White Mold: N/A
- Sudden Death: N/A
- Propeyes Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: N/A

MANAGEMENT TIPS
Provides very strong IDC tolerance through the Red River Valley. Strong emergence and standability allow utilization on many soil types and planting scenarios.

MANAGEMENT PRACTICES
- Poorly Drained Soil: 8
- Marginal Soil: 8
- Productive Soil: 8
- Adapt No-Till: 8
- Early Vigor: 8
**LGS0111RX**

**PRODUCT INFORMATION**

LGS0111RX is a market leading product in the northern soybean market. Outstanding top-end yield potential across a variety of soils and management systems.

- LGS0111RX offers superior agronomics and is a key product in this maturity.
- A taller, thin-line plant style that handles northern soils well.
- Resistance to Phytophthora Root Rot coupled with strong IDC, BSR and WM tolerances.
- Excellent drought and stress tolerance.

**PLANT CHARACTERISTICS**

- Emergence: 0
- Standability: 7
- Shatter Res. Spacing: 8
- Plant Height: MT
- Plant Type: TL
- Pubescence: Tawny
- Flower Color: Purple
- Hilum: None
- Pod Color: Brown

**DISEASE RATINGS**

- Cyst Nematode Resistance: None
- Phytophthora Race Resistance: Rps1c
- Phytophthora Resistance: Rps1c
- Brown Stem Rot: 8
- Iron Deficiency Chlorosis: 8
- Sclerotinia White Mold: 8
- Sudden Death: N/A
- Progess Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: N/A

**MANAGEMENT TIPS**

Adaptable to varying soil types. Holds its height in stress environments. Excellent performance under reduced tillage situations and in all row spacings.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 8
- Marginal Soil: 9
- Productive Soil: 9
- Adapt No-Till: 9
- Early Vigor: 9

**PRODUCT INFORMATION**

LGS0355RX is a key IDC variety in the LG Seeds lineup. This is a broad placement product with high yields.

- Excellent results over a wide range of soils and yield environments.
- Showy plant with lots of lateral branching loaded with pods.
- Resistance to SCN and PRR with outstanding IDC tolerance, very good against White Mold, and good BSR scores.
- Has the ability to move west into drought-stressed environments.

**PLANT CHARACTERISTICS**

- Emergence: 9
- Standability: 8
- Shatter Res. Spacing: 8
- Plant Height: M
- Plant Type: MB
- Pubescence: Tawny
- Flower Color: Purple
- Hilum: Black
- Pod Color: Brown

**DISEASE RATINGS**

- Cyst Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: Rps1c
- Phytophthora Resistance: Rps1c
- Brown Stem Rot: 7
- Iron Deficiency Chlorosis: 8
- Sclerotinia White Mold: 8
- Sudden Death: N/A
- Progess Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: N/A

**MANAGEMENT TIPS**

Adaptable to varying soil types. Holds its height in stress environments. Excellent performance under reduced tillage situations and in all row spacings.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 8
- Marginal Soil: 9
- Productive Soil: 9
- Adapt No-Till: 9
- Early Vigor: 9
**LGS0400RX**

**PRODUCT INFORMATION**

LGS0400RX is a key variety that competes all ways (yield, IDC and PRR protection). This variety features a good clean look with yield across the rows.

- Broadly adapted with top-end yield potential.
- Provides good plant height with good standability.
- Scores well against IDC, BSR and White Mold. Has solid resistance to SCN and PRR.
- Good option on drought stressed acres and on variable soils.

**PLANT CHARACTERISTICS**

- **Emergence**
  - 8
- **Standability**
  - 7
- **Shatter Resistance**
  - 8
- **Plant Height**
  - M
- **Plant Type**
  - MB
- **Flower Color**
  - Lt Tawny
- **Hull Color**
  - Brown
- **Pod Color**
  - Brown

**DISEASE RATINGS**

- **Cyst Nematode Resistance**
  - MR3, MS14
- **Phytophthora Race Resistance**
  - R:1c
- **Phytophthora Tolerance**
  - 8
- **Brown Stem Rot**
  - 7
- **Iron Deficiency Chlorosis**
  - 8
- **Sclerotinia White Mold**
  - 8
- **Sudden Death**
  - N/A
- **Bacterial Leaf Spot**
  - N/A
- **Charcoal Rot**
  - N/A
- **Soybean Stem Canker**
  - N/A

**MANAGEMENT TIPS**

LGS0400RX has good IDC tolerance to out-yield the competition in western Minnesota and into North Dakota. Holds its height in stress environments. Excellent performance under reduced tillage situations and in all row spacings.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 8
- Marginal Soil: 9
- Productive Soil: 8
- Adapt No-Till: 9
- Early Vigor: 7

**MANAGEMENT TIPS**

Can be placed on medium to medium-high pH soils. Good WM tolerance allows for placement on medium pressure areas. Adapts well to narrow row environments. Yields strengthened in higher yield environments.

**PLANT CHARACTERISTICS**

- **Emergence**
  - 8
- **Standability**
  - 8
- **Shatter Resistance**
  - 8
- **Plant Height**
  - M
- **Plant Type**
  - M
- **Flower Color**
  - Lt Tawny
- **Hull Color**
  - Black
- **Pod Color**
  - Tan

**DISEASE RATINGS**

- **Cyst Nematode Resistance**
  - MR3
- **Phytophthora Race Resistance**
  - None
- **Phytophthora Tolerance**
  - 7
- **Brown Stem Rot**
  - N/A
- **Iron Deficiency Chlorosis**
  - 7
- **Sclerotinia White Mold**
  - 5
- **Sudden Death**
  - N/A
- **Bacterial Leaf Spot**
  - N/A
- **Charcoal Rot**
  - N/A
- **Soybean Stem Canker**
  - N/A

**MANAGEMENT TIPS**

LGS0595RX has a broad area of adaptation that makes for an acre-friendly variety. Good IDC and PRR tolerance allows for placement in the Red River Valley. Good WM tolerance as well as very good standability allow for placement in narrow rows.

- Medium plant height with medium width. High yields against competitive checks in Red River Valley.
- Very good emergence and standability.
- Good IDC and WM tolerance. Has good field tolerance to Phytophthora Root Rot, although no gene for resistance is noted.
- Adapted well in narrow rows and high yield environments.

**MANAGEMENT TIPS**

LGS0595RX has good IDC tolerance to out-yield the competition in western Minnesota and into North Dakota. Holds its height in stress environments. Excellent performance under reduced tillage situations and in all row spacings.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 7
- Marginal Soil: 8
- Productive Soil: 9
- Adapt No-Till: 8
- Early Vigor: 8
LGS0618XF

**PRODUCT INFORMATION**

LGS0618XF has above average standability and shows very good yields in north central Wisconsin and Minnesota, and across the Dakotas. Above average IDC and resistance to BSR.

- Broadly adapted to top-end yield potential.
- Medium-tall, medium-bush plant type with good standability.
- Above average IDC rating with resistance to SCN and BSR.
- Excellent emergence and early vigor, strong stress tolerance.

**PLANT CHARACTERISTICS**

- Excellent emergence and early vigor make this product a candidate for no-till or early planting. Moderate populations are recommended in fields with a history of White Mold. Above average IDC rating allows for planting on higher pH soils.

**MANAGEMENT TIPS**

- Excellent emergence and early vigor make this product a candidate for no-till or early planting.
- Medium-tall, medium-bush plant type with good standability.
- Above average IDC rating with resistance to SCN and BSR.
- Excellent emergence and early vigor, strong stress tolerance.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 7
- Marginal Soil: 8
- Productive Soil: 8
- Adapt No-Till: 9
- Early Vigor: 9

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Resistance/Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyst Nematode Resistance</td>
<td>MB3</td>
</tr>
<tr>
<td>Phytophthora Race Resistance</td>
<td>Rpx1C</td>
</tr>
<tr>
<td>Phytophthora Tolerance</td>
<td>5</td>
</tr>
<tr>
<td>Brown Stem Rot</td>
<td>9</td>
</tr>
<tr>
<td>Iron Deficiency Chlorosis</td>
<td>MB</td>
</tr>
<tr>
<td>Sudden Death</td>
<td>N/A</td>
</tr>
<tr>
<td>Brown Spot</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**EXIT**

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LGS0701XF

**PRODUCT INFORMATION**

LGS0701XF allows for flexibility in spray programs and its good disease package along with good stress tolerance, allows for a large area of adaptation.

- Medium plant height with medium width that does well in its maturity zone.
- Very good emergence, along with good IDC and WM scores.
- SCN and BSR resistant; Rps3a resistance to Phytophthora Root Rot. Also resistant to Stem Canker.
- Reduce populations slightly in narrow rows.

**MANAGEMENT TIPS**

- Handles medium to medium-high pH soils. WM tolerance allows for flexibility in placement. Good stress tolerance allows for placement on lighter, coarser soil types. Phytophthora Root Rot resistance will handle heavier soil types. Maturity leans toward the early side of 0.7.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 8
- Marginal Soil: 8
- Productive Soil: 8
- Adapt No-Till: 8
- Early Vigor: 8

**PLANT CHARACTERISTICS**

- Maturity leans toward the early side of 0.7.
- Very good emergence, along with good IDC and WM scores.
- Medium plant height with medium width that does well in its maturity zone.

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Resistance/Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyst Nematode Resistance</td>
<td>MB3, MB4</td>
</tr>
<tr>
<td>Phytophthora Race Resistance</td>
<td>Rpx3a</td>
</tr>
<tr>
<td>Phytophthora Tolerance</td>
<td>7</td>
</tr>
<tr>
<td>Brown Stem Rot</td>
<td>9</td>
</tr>
<tr>
<td>Iron Deficiency Chlorosis</td>
<td>MB</td>
</tr>
<tr>
<td>Sudden Death</td>
<td>N/A</td>
</tr>
<tr>
<td>Brown Spot</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**EXIT**
**LGS0822E3**

**PRODUCT INFORMATION**

LGS0822E3 is a medium-tall, medium-bush product that shows good emergence east to west in the northern Corn Belt. Multi-year data shows good performance in high and low yield environments.

- **Emergence**: 9
- **Standability**: 7
- **Shatter Resistance**: 7
- **Plant Height**: MT
- **Plant Type**: M
- **Pubescence**: Grey
- **Flower Color**: Purple
- **Hillm**: Imp. Black
- **Pod Color**: Brown

**PLANT CHARACTERISTICS**

- A very attractive plant with good standability and SLM tolerance.
- Shows good performance in high and low yield environments.
- Medium-tall plants are broadly adapted to many soil types and have excellent emergence for no-till adaptation.
- Double stack with both Rps1c and Rps3a genes gives very good field tolerance to PMR.
- Resistance to SCN along with tolerance to IDC and its performance on challenging soils.
- Resistance to Charcoal Rot, Frogeye Leaf Spot, Sclerotinia White Mold, Phytophthora Tolerance, Cyst Nematode Resistance.

**MANAGEMENT TIPS**

LGS0822E3 is a consistent performing product that is adaptable to variable soils for broad placement across its maturity zone. Medium-tall plant that holds its height in stress environments. Excellent performance under reduced tillage and in all row spacings. Moderate populations are recommended in fields with a history of White Mold.

**MANAGEMENT PRACTICES**

- **Poorly Drained Soil**: 9
- **Marginal Soil**: 8
- **Adapt No-Till**: 9
- **Early Vigor**: 9

**DISEASE RATINGS**

- **Cyst Nematode Resistance**: R3, MR14
- **Phytophthora Race Resistance**: Rps1c/k;
- **Phytophthora Tolerance**: 8
- **Brown Stem Rot**: N/A
- **Iron Deficiency Chlorosis**: 7
- **Sclerotinia White Mold**: 6
- **Sudden Death**: N/A
- **Pod Eye Spot**: N/A
- **Charcoal Rot**: N/A
- **Stem Canker**: 9

**PRODUCT INFORMATION**

LGS0939XF has excellent yield potential across a wide placement range throughout the Dakotas, Minnesota, Wisconsin and Michigan. A very attractive plant with good standability and SLM tolerance. A very attractive plant with good standability and SLM tolerance. Highly resistant to medium-tall plants that produce good lateral branching and high pod counts.

- **High yield potential from medium-tall plants that produce good lateral branching and high pod counts.
- **Excellent emergence and early vigor with adaptability to no-till situations.
- **Excellent performance against IDC, above average White Mold tolerance, along with SCN resistance.
- **Pods with a history of PRR and SSR will need to be managed.**

**PLANT CHARACTERISTICS**

- A very attractive plant with good standability and SLM tolerance.
- Shows good performance in high and low yield environments.
- Medium-tall plants are broadly adapted to many soil types and have excellent emergence for no-till adaptation.
- Double stack with both Rps1c and Rps3a genes gives very good field tolerance to PMR.
- Resistance to SCN along with tolerance to IDC and its performance on challenging soils.
- Resistance to Charcoal Rot, Frogeye Leaf Spot, Sclerotinia White Mold, Phytophthora Tolerance, Cyst Nematode Resistance.

**MANAGEMENT TIPS**

LGS0939XF works well in no-till and minimum till situations with excellent emergence and early vigor. Offers very robust IDC tolerance and is SCN resistant. Consider a fungicide seed treatment when planting in poorly drained soils or on fields with a history of Phytophthora Root Rot.

**MANAGEMENT PRACTICES**

- **Poorly Drained Soil**: 7
- **Marginal Soil**: 8
- **Adapt No-Till**: 9
- **Early Vigor**: 9

**DISEASE RATINGS**

- **Cyst Nematode Resistance**: R3, MR14
- **Phytophthora Race Resistance**: None
- **Phytophthora Tolerance**: 6
- **Brown Stem Rot**: 7
- **Iron Deficiency Chlorosis**: 8
- **Sclerotinia White Mold**: 7
- **Sudden Death**: N/A
- **Pod Eye Spot**: N/A
- **Charcoal Rot**: N/A
- **Stem Canker**: N/A
### LGS1203E3

**PRODUCT INFORMATION**

LGS1203E3 brings excellent agronomics and a good defensive package with the ability to handle a wide range of soil types and environments.

- Medium-tall plant with top-end yield potential, great emergence and solid standability.
- Rare Group I product that is a salt-excluder and has good IDC tolerance.
- Good Sclerotinia White Mold tolerance; solid against SDS, includes SCN and PRR resistance.
- Tough, robust variety that is widely adapted in its maturity zone.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Emergence</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standability</td>
<td>8</td>
</tr>
<tr>
<td>Shatter Resistance</td>
<td>8</td>
</tr>
<tr>
<td>Plant Height</td>
<td>MT</td>
</tr>
<tr>
<td>Plant Type</td>
<td>M</td>
</tr>
<tr>
<td>Pubescence</td>
<td>Grey</td>
</tr>
<tr>
<td>Flower Color</td>
<td>Purple</td>
</tr>
<tr>
<td>Hilum</td>
<td>Imp. Black</td>
</tr>
<tr>
<td>Pod Color</td>
<td>Tan</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

- Cyl Nematode Resistance: 9, MR14
- Phytophthora Race Resistance: Rps3
- Phytophthora Tolerance: 8
- Brown Stem Rot: N/A
- Iron Deficiency Chlorosis: 7
- Sclerotinia White Mold: 7
- Sudden Death: 8
- Frogeye Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: 9

**MANAGEMENT TIPS**

A key variety with broad adaptation across a variety of soil conditions and environments due to a strong defensive package. Offers a strong combination of stress tolerance and disease resistance, solid against IDC, SCN and PRR. Great standability and adaptation to no-till and minimum till situations. Avoid planting in fields with a history of Brown Stem Rot.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 8
- Marginal Soil: 8
- Productive Soil: 8
- Adapt No-Till: 9
- Early Vigor: 9

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### LGS1232XF

**PRODUCT INFORMATION**

LGS1232XF offers high yield potential along with very strong standability and White Mold tolerance. Excellent performing product across the early group I maturity in the Dakotas, Minnesota, Wisconsin and Michigan.

- Solid performance in both high and low yield environments.
- Offers SCN resistance, solid IDC tolerance and the Rps3a PRR gene.
- Excellent standability and very strong White Mold tolerance.
- Excellent emergence, very good early vigor and superior stress tolerance.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Emergence</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standability</td>
<td>9</td>
</tr>
<tr>
<td>Shatter Resistance</td>
<td>8</td>
</tr>
<tr>
<td>Plant Height</td>
<td>M</td>
</tr>
<tr>
<td>Plant Type</td>
<td>M</td>
</tr>
<tr>
<td>Pubescence</td>
<td>Lt. Twiny</td>
</tr>
<tr>
<td>Flower Color</td>
<td>Purple</td>
</tr>
<tr>
<td>Hilum</td>
<td>Black</td>
</tr>
<tr>
<td>Pod Color</td>
<td>Brown</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

- Cyl Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: Rps3a
- Phytophthora Tolerance: 8
- Brown Stem Rot: 9
- Iron Deficiency Chlorosis: 7
- Sclerotinia White Mold: 7
- Sudden Death: 5
- Frogeye Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: N/A

**MANAGEMENT TIPS**

Strong performance across multiple geographic and conditions. LGS1232XF excels in the medium and lower yield environments. Offers an excellent defensive package in combination with strong stress tolerance. Provides excellent standability and very good White Mold tolerance. Use Slistro seed treatment in fields with a history of SDS.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 9
- Marginal Soil: 9
- Productive Soil: 8
- Adapt No-Till: 9
- Early Vigor: 8

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**LGS1585XF**

**PRODUCT INFORMATION**
LGS1585XF brings very high yield potential to the Mid-Group I maturity. It provides good White Mold tolerance and a great PRR package for broad acre placement.
- Broad adaptation with top-end yield potential.
- Excellent resistance to PRR having the Rps3a gene along with excellent field tolerance.
- Offers very good standability and strong White Mold tolerance.
- Excellent candidate for high-yielding, productive soils.

**PLANT CHARACTERISTICS**
- Emergence: 9
- Standability: 8
- Shatter Resistance: 8
- Plant Height: MT
- Plant Type: M
- Pubescence: Light Tawny
- Flower Color: Purple
- Hilum: Brown
- Pod Color: Brown

**DISEASE RATINGS**
- Cyst Nematode Resistance: MR3
- Phytophthora Race Resistance: Rps3a
- Phytophthora Tolerance: 9
- Brown Stem Rot: N/A
- Iron Deficiency Chlorosis: 6
- Sclerotinia White Mold: 7
- Sudden Death: N/A
- Preexposure Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: 9

**MANAGEMENT TIPS**
Adapts well across no-till, minimum tillage and all row spacings. Is a great option that is broadly adapted from South Dakota to New York. Will respond to high management and productive soil placement.

**MANAGEMENT PRACTICES**
- Poorly Drained Soil: 9
- Marginal Soil: 7
- Productive Soil: 9
- Adapt No-Till: 9
- Early Vigor: 9

**MANAGEMENT TIPS**
- Adapt No-Till: 9
- Early Vigor: 9

**MANAGEMENT PRACTICES**

**PRODUCT INFORMATION**
LGS1635RX is a key product for the mid Group I maturity due to its outstanding yield performance while offering excellent standability and White Mold tolerance. This variety has good IDC tolerance and exhibits good stress tolerance.
- Top-end yield potential for the northern Corn Belt.
- Great option for growers concerned about White Mold.
- Brown Stem Rot resistance and good scores for Iron Deficiency Chlorosis.
- Strong performance north and south of its adapted maturity zone.

**PLANT CHARACTERISTICS**
- Emergence: 9
- Standability: 9
- Shatter Resistance: 8
- Plant Height: M
- Plant Type: M
- Pubescence: Light Tawny
- Flower Color: Purple
- Hilum: Black
- Pod Color: Brown

**DISEASE RATINGS**
- Cyst Nematode Resistance: Rps3, R14
- Phytophthora Race Resistance: Rps3a
- Phytophthora Tolerance: 9
- Brown Stem Rot: 9
- Iron Deficiency Chlorosis: 7
- Sclerotinia White Mold: 8
- Sudden Death: N/A
- Preexposure Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: N/A

**MANAGEMENT TIPS**
Very good adaptability into no-till and minimum tillage environments and to all common row spacings. Can be positioned on most soybean acres from the Dakotas to New York where maturity is appropriate. Height is maintained well under stress and on lighter soils.
**LGS1660E3**

**PRODUCT INFORMATION**

LGS1660E3 is a product that will give a uniform field appearance with a well-rounded agronomic package. Ratings for IDC, White Mold, BSR, SDS and SCN are good, which allows for broad placement.

- Outstanding yield potential from a medium stature plant with strong agronomics and broad adaptability.
- Excellent tolerance to PRR with a Rps3a gene, along with resistance to SCN, BSR and Sclerotinia.
- Highly tolerant to IDC, White Mold and SDS.
- Great standability with broad adaptation in many tillage environments.

**PLANT CHARACTERISTICS**

- **Emergence**: B
- **Standability**: B
- **Shatter Resistance**: B
- **Plant Height**: M
- **Plant Type**: M
- **Pubescence**: Grey
- **Flower Color**: Purple
- **Hilum**: Buff
- **Pod Color**: Tan

**DISEASE RATINGS**

- **Cyst Nematode Resistance**: S3, MR14
- **Phytophthora Race Resistance**: Rps3a
- **Phytophthora Tolerance**: B
- **Brown Stem Rot**: 9
- **Iron Deficiency Chlorosis**: 8
- **Sclerotinia White Mold**: 7
- **Sudden Death**: N/A
- **Phytophthora Leaf Spot**: N/A
- **Charcoal Rot**: N/A
- **Stem Canker**: 9

**MANAGEMENT TIPS**

Very good adaptability against no-till and minimum-till environments. Great agronomics provide protection to key yield-robbing diseases. Performs well in all soils, including tough and variable environments. Excellent performance exist to weed. Adapt to seed to all row spacing and tillage situations. Provides good stress tolerance.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: B
- Margin Soil: B
- Productive Soil: B
- Adapt No-Till: B
- Early Vigor: B

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**LGS1684**

**PRODUCT INFORMATION**

LGS1684 is an early conventional offering that complements the existing lineup, has excellent yield potential, and is agronomically sound.

- Medium-tall plant with medium bush that brings excellent yield potential.
- Excellent emergence, plant vigor and standability.
- Solid Iron Deficiency Chlorosis, scores and added defense with protection against Brown Stem Rot and Phytophthora Root Rot.
- Widely adapted to soils and planting regimens with height being maintained under stress.

**PLANT CHARACTERISTICS**

- **Emergence**: 9
- **Standability**: B
- **Shatter Resistance**: B
- **Plant Height**: MT
- **Plant Type**: M
- **Pubescence**: Li. Tawny
- **Flower Color**: Purple/White
- **Hilum**: Brown
- **Pod Color**: Tan

**MANAGEMENT TIPS**

Conventional herbicides can diversify weed control modes of action in a farming operation. Height is maintained under stress. Widely adapted to soils and planting regimens. Top performance in any row spacing. Very good early canopy development helps with weed control.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: B
- Margin Soil: B
- Productive Soil: B
- Adapt No-Till: B
- Early Vigor: B

---

**DISEASE RATINGS**

- **Cyst Nematode Resistance**: None
- **Phytophthora Race Resistance**: Rpdc
- **Phytophthora Tolerance**: B
- **Brown Stem Rot**: 9
- **Iron Deficiency Chlorosis**: B
- **Sclerotinia White Mold**: N/A
- **Sudden Death**: N/A
- **Phytophthora Leaf Spot**: N/A
- **Charcoal Rot**: N/A
- **Stem Canker**: N/A
**LGS1769XF**

**PRODUCT INFORMATION**

LGS1769XF brings an XtendFlex® soybean option to the late-Group I maturity. It has strong yield performance against current products in this maturity.

- Yield potential is high compared to competitive checks.
- Medium intermediate plant type with superior standability.
- Resistance to SCN and PRR, above average tolerance to IDC.
- Best performance is in moderate to high yield environments.

**PLANT CHARACTERISTICS**

- Emergence: 8
- Standability: 7
- Shatter Resistance: 8
- Plant Height: M
- Plant Type: M
- Pubescence: Lt. Tawny
- Flower Color: Purple
- Hilum: Black
- Pod Color: Tan

**DISEASE RATINGS**

- Cyst Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: RppC
- Phytophthora Tolerance: 7
- Brown Stem Rot: 8
- Iron Deficiency Chlorosis: 5
- Sclerotinia White Mold: 5
- Sudden Death: N/A
- Premise Leaf Spot: 5
- Charcoal Rot: N/A
- Stem Canker: 9

**MANAGEMENT TIPS**

Adapts into no-till and minimum tillage environments and to all common row spacings. Can be positioned on most soybean acres from the Dakotas to New York where maturity is appropriate.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 8
- Marginal Soil: 8
- Productive Soil: 9
- Adapt No-Till: 8
- Early Vigor: 8

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**LGS1848XF**

**PRODUCT INFORMATION**

LGS1848XF performs well across the upper Midwest with high yield potential. A great defensive package and outstanding agronomics allow broad placement. Outstanding standability aids in this product’s tolerance to White Mold.

- A complete package of high yields and defense.
- Excellent early vigor and very good emergence.
- Defensive and agronomic package allows for placement in all environments.
- Widely adapted from New York to the Dakotas across the upper Corn Belt.

**PLANT CHARACTERISTICS**

- Emergence: 8
- Standability: 9
- Shatter Resistance: 9
- Plant Height: MT
- Plant Type: M
- Pubescence: Lt. Tawny
- Flower Color: Purple
- Hilum: Brown
- Pod Color: Brown

**DISEASE RATINGS**

- Cyst Nematode Resistance: R3
- Phytophthora Race Resistance: RppC
- Phytophthora Tolerance: 7
- Brown Stem Rot: N/A
- Iron Deficiency Chlorosis: 7
- Sclerotinia White Mold: 7
- Sudden Death: 8
- Premise Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: 9

**MANAGEMENT TIPS**

Excellent adaptability into no-till and minimum tillage; well adapted to all common row spacings. Handles stress and low-stress environments equally well. Strong disease package allows for broad use across many environments.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 9
- Marginal Soil: 9
- Productive Soil: 9
- Adapt No-Till: 9
- Early Vigor: 9
LGS1867E3

**PRODUCT INFORMATION**

LGS1867E3 exhibits a great combination of White Mold tolerance and yield. It has strong performance east to west and performs best in medium to high-yielding environments. Medium-bush type plant will help it perform excellent in any row spacing.

- High yield in medium-to-high yielding environments. Great fit for White Mold prone soils. Outperformed Enlist E3® traited checks from the Dakotas to New York, with the best performance being in the central Corn Belt. IDC is slightly above average, position accordingly. Adapted well to all common row spacings, no till and minimum tillage. Maintains its height under stress and on lighter soils.

**PLANT CHARACTERISTICS**

Emergence: 8
Standability: 7
Shatter Resistance: N/A
Plant Height: M
Plant Type: M
Pubescence: Gray
Flower Color: Purple
Hilum: BUff
Pod Color: Brown

**DISEASE RATINGS**

Cyl. Nemadotte Resistance: MR3
Phytophthora Race Resistance: Rps1c
Phytophthora Tolerance: 7
Brown Stem Rot: N/A
Iron Deficiency Chlorosis: 5
Sclerotinia White Mold: 8
Sudden Death: 5
Propey Leaf Spot: N/A
Charcoal Rot: N/A
Stem Canker: 9

**MANAGEMENT TIPS**

Adapt well into no-till and minimum tillage. Handles varying soil and fertility situations. Very good stress and drought tolerance.

**PLANT CHARACTERISTICS**

Emergence: 9
Standability: 9
Shatter Resistance: 8
Plant Height: MT
Plant Type: TL
Pubescence: Gray
Flower Color: Purple
Hilum: BUff
Pod Color: Brown

**DISEASE RATINGS**

Cyl. Nemadotte Resistance: R3, MR14
Phytophthora Race Resistance: Rps1c
Phytophthora Tolerance: 8
Brown Stem Rot: 9
Iron Deficiency Chlorosis: 8
Sclerotinia White Mold: 8
Sudden Death: 7
Propey Leaf Spot: N/A
Charcoal Rot: N/A
Stem Canker: N/A

**DISEASE RATINGS**

Cyl. Nemadotte Resistance: MR3
Phytophthora Race Resistance: Rps1c
Phytophthora Tolerance: 8
Brown Stem Rot: 9
Iron Deficiency Chlorosis: 8
Sclerotinia White Mold: 8
Sudden Death: 7
Propey Leaf Spot: N/A
Charcoal Rot: N/A
Stem Canker: N/A

**MANAGEMENT TIPS**

Adapts well into no-till and minimum tillage. Handles varying soil and fertility situations. Very good stress and drought tolerance.
**LGS2020**

**PRODUCT INFORMATION**

LGS2020 upgrades our conventional lineup with superb yield. It has excellent lodging scores with a very bushy plant type. Good PRR tolerance along with Rps1k gene will allow placement on poorly drained soils. Consistent product with multiple years of superior yield data.

- Consistent performance that has shown significantly higher yield potential than other competitive products in this maturity.
- A moderately shorter, very bushy and branchy plant profile, canopies the row quickly and handles many environments.
- IDC tolerance is very good, making it a good fit on higher pH soils.
- Emergence and early vigor are excellent, making it a good choice for no-till environments.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergence</td>
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</tr>
<tr>
<td>Standability</td>
<td>8</td>
</tr>
<tr>
<td>Shatter Resistance</td>
<td>9</td>
</tr>
<tr>
<td>Plant Height</td>
<td>M5</td>
</tr>
<tr>
<td>Plant Type</td>
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<tr>
<td>Pubescence</td>
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<tr>
<td>Flower Color</td>
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<tr>
<td>Hail</td>
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<td>Pod Color</td>
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**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
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<tbody>
<tr>
<td>Cyst Nematode Resistance</td>
<td>R3, MR14</td>
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<tr>
<td>Phytophthora Race Resistance</td>
<td>Rps1k</td>
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<tr>
<td>Brown Stem Rot</td>
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<td>Progess Leaf Spot</td>
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<tr>
<td>Charcoal Rot</td>
<td>N/A</td>
</tr>
<tr>
<td>Stem Canker</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

A product with top-end yield that can handle well drained to poorly drained soils. Great option for no-till environments. Excellent lodging scores. Very good IDC tolerance. Top performer in high yield environments year-after-year.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 8
- Marginal Soil: 8
- Productive Soil: 9
- Adapt No-Till: 9
- Early Vigor: 9

---

**LGS2025XF**

**PRODUCT INFORMATION**

LGS2025XF brings an additional herbicide option to the 2.0 maturity. It is a broadly adapted, wide-acre line that brings solid White Mold tolerance and improved standability.

- Medium-tall, intermediate plant type with high yield potential.
- Very good emergence, early vigor, and stands well in the fall.
- Resistance to SCN, BSR, PRR, good scores for IDC and solid against PRR.
- Works well in both high and low yield environments, has the stress tolerance needed on marginal soils.

**MANAGEMENT TIPS**

Adapts into no-till and minimum tillage environments and to all common row spacings. Can be positioned on most soybean acres from the Dakotas to New York where maturity is appropriate.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Score</th>
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**DISEASE RATINGS**

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</tr>
<tr>
<td>Charcoal Rot</td>
<td>N/A</td>
</tr>
<tr>
<td>Stem Canker</td>
<td>N/A</td>
</tr>
</tbody>
</table>
**LGS2105E3**

**PRODUCT INFORMATION**

LGS2105E3 is a high performing product that has a good agronomic package, which allows it to perform in both low and high yield environments. Features good White Mold and PRR tolerance. Above average standability and emergence.

- **Stable performance and high yield potential.**
- **Very good emergence and standability.** Adapts well in no-till situations.
- **Very good White Mold tolerance, resistance to PRR and SCN.**
- **Broadly adapted to handle multiple soil types and performs well in lower yield environments.**

**PLANT CHARACTERISTICS**

- **Emergence** 8
- **Standability** 8
- **Shatter Resistance** 8
- **Plant Height** M
- **Plant Type** M
- **Pubescence** Grey
- **Flower Color** Purple
- **Hull** Black
- **Pod Color** Brown

**DISEASE RATINGS**

- **Cyst Nematode Resistance** R3
- **Phytophthora Race Resistance** Rpp/tc
- **Phytophthora Tolerance** 8
- **Brown Stem Rot** N/A
- **Iron Deficiency Chlorosis** 5
- **Sclerotinia White Mold** 8
- **Sudden Death** 7
- **Propeys Leaf Spot** N/A
- **Charcoal Rot** N/A
- **Stem Canker** 9

**MANAGEMENT TIPS**

Thrives in both tough and productive acres. Caution is advised in high IDC environments. Adapts well to no-till, minimum-tillage and all common row spacings. Handles stress and challenging soils very well.

**MANAGEMENT PRACTICES**

- **Poorly Drained Soil** 8
- **Marginal Soil** 8
- **Productive Soil** 8
- **Adapt No-Till** 8
- **Early Vigor** 8

**LGS2215XF**

**PRODUCT INFORMATION**

LGS2215XF, an XtendFlex® soybean, has solid yield performance across the upper Midwest and into the northeast. Nice agronomic package including above average WM and standability.

- **Top-end yield potential from medium tall plants having a moderate bush style.**
- **Very good emergence and standability.**
- **SCN resistance and resistance to PRR; above average scores for BSR, IDC and WM.**
- **Responds well to well-drained, highly managed fields.**

**PLANT CHARACTERISTICS**

- **Emergence** 9
- **Standability** 8
- **Shatter Resistance** 8
- **Plant Height** MT
- **Plant Type** MB
- **Pubescence** Grey
- **Flower Color** Purple
- **Hull** Imp. Black
- **Pod Color** Brown

**DISEASE RATINGS**

- **Cyst Nematode Resistance** R3, R14
- **Phytophthora Race Resistance** Rpp/tc
- **Phytophthora Tolerance** 8
- **Brown Stem Rot** 7
- **Iron Deficiency Chlorosis** 7
- **Sclerotinia White Mold** 7
- **Sudden Death** 5
- **Propeys Leaf Spot** N/A
- **Charcoal Rot** N/A
- **Stem Canker** N/A

**MANAGEMENT TIPS**

LGS2215XF should be planted in its adapted zone, but can work well when planted north as a fuller season product. Performs best on highly productive, well-drained soils. Excellent performance under reduced tillage situations in all row spacings.

**MANAGEMENT PRACTICES**

- **Poorly Drained Soil** 7
- **Marginal Soil** 8
- **Productive Soil** 9
- **Adapt No-Till** 8
- **Early Vigor** 8
C2300

CONVENTIONAL

PRODUCT INFORMATION

C2300 is an early Group II conventional with plants that are medium-dwarfed and exhibit intermediate branching.

- An early Group II conventional option that gives growers a top-performing, agronomically sound choice for this maturity.
- Excellent emergence, plant vigor and standability.
- Solid defense with protection against PRR, IDC, WM and SDS, with resistance to SCN.
- Widely adapted to soils and planting regimens with height being maintained under stress.

PLANT CHARACTERISTICS

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<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
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<tbody>
<tr>
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<td>Plant Type</td>
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<td>Pubescence</td>
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DISEASE RATINGS

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<thead>
<tr>
<th>Disease</th>
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<td>Charcoal Rot</td>
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</tr>
<tr>
<td>Stem Canker</td>
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</tbody>
</table>

EMERGENCE

9 = Excellent  8 = Excellent  7 = Excellent  6 = Not Available

MANAGEMENT TIPS

Conventional herbicides can diversely weed control modes of action in a farming operation. Height is maintained under stress. Widely adapted to soils and planting regimens with height being maintained under stress.

MANAGEMENT PRACTICES

- Poorly Drained Soil: 7
- Marginal Soil: 9
- Productive Soil: 9
- Adapt No-Till: 8
- Early Vigor: 9

LGS2348E3

PRODUCT INFORMATION

LGS2348E3 is broadly adapted east to west across the Corn Belt. Medium height plants with a strong disease package that deliver top-end yields in both high and low yield environments.

- Strong agronomics stabilize the excellent top-end yield potential.
- Medium height and medium bush with superior emergence and standability.
- Very good tolerance to SDS, White Mold, IDC and PRR. Resistant against SCN.
- Fits on many acres and tillage practices from New York to Nebraska.

MANAGEMENT TIPS

Well adapted for no-till, conventional or minimum till practices. Medium height plants handle all soils and row spacings very well. Strong defensive package allows broad placement into challenging environments. Strong IDC tolerance for high pH fields.

MANAGEMENT PRACTICES

- Poorly Drained Soil: 8
- Marginal Soil: 8
- Productive Soil: 9
- Adapt No-Till: 8
- Early Vigor: 8

PLANT CHARACTERISTICS

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Emergence</td>
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<td>FLOWER COLOR</td>
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<td>Pod Color</td>
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PLANT CHARACTERISTICS

DISEASE RATINGS

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<tr>
<th>Disease</th>
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<td>Charcoal Rot</td>
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<td>N/A</td>
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<tr>
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<td>N/A</td>
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</tbody>
</table>
**PLANT CHARACTERISTICS**

**LGS2417RX**
- Emergence: 9
- Standability: 8
- Shatter Resistance: 8
- Plant Height: M
- Plant Type: MB
- Pubescence: Lt. Tawny
- Flower Color: Black
- Hilum: N/A
- Pod Color: Tan

**DISEASE RATINGS**
- Cyst Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: None
- Phytophthora Tolerance: 7
- Brown Stem Rot: 9
- Iron Deficiency Chlorosis: 7
- Sclerotinia White Mold: 7
- Sudden Death: N/A
- Pogge Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: N/A

**PRODUCT INFORMATION**
LGS2417RX is a key variety for growers and is an excellent option for northern Corn Belt stress acres that provides exceptional long-end yield potential.
- LGS2417RX is well proven as a key variety in this maturity with top-end yield potential.
- Moderately stunted plants have excellent emergence and very good standability.
- Resistance to SCN and BSR along with generally good tolerance to most common leaf diseases and very good IDC tolerance.
- Provides strong stress tolerance.

**MANAGEMENT TIPS**
- Excellent adaptability into no-till and minimum tillage and well adapted to all row spacings. Adapted across the upper Midwest. Handles stress and non-stress environments equally well.

**PLANT CHARACTERISTICS**

**LGS2444RX**
- Emergence: 9
- Standability: 8
- Shatter Resistance: 8
- Plant Height: M
- Plant Type: MB
- Pubescence: Lt. Tawny
- Flower Color: Black
- Hilum: Imp. Black
- Pod Color: Brown

**DISEASE RATINGS**
- Cyst Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: Rps1c
- Phytophthora Tolerance: 8
- Brown Stem Rot: 9
- Iron Deficiency Chlorosis: 8
- Sclerotinia White Mold: 7
- Sudden Death: N/A
- Pogge Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: N/A

**PRODUCT INFORMATION**
LGS2444RX brings excellent agronomics and top-end yield potential. The product offers very good standability, good White Mold tolerance and strong Iron Deficiency Chlorosis tolerance. A medium-tall, moderately bushy plant.
- This variety brings impressive yields and should be positioned for maximum yield potential.
- A unique plant look from a medium bush plant style.
- Resistant to BSR, SCN, PRR: highly tolerant to IDC, WM.
- Very good stress tolerance.

**MANAGEMENT TIPS**
- Suitable for no-till and minimum tillage, as well as all row spacings. Height is maintained under stress and this product is widely adapted to soils and planting regimes.
**LGS2491XF**

**2.4 RM**

**PRODUCT INFORMATION**

LGS2491XF brings outstanding top-end yield to the Mid-Group II maturity. An offensive product that has a strong agronomic package with very stable and consistent performance.

- Medium-tall, medium-bush plant that has a high pod count. Moves well east to west.
- Attractive harvest appearance with above average standability.
- Strong defensive scores against BSR, IDC, White Mold and PRR add to its solid agronomic package.
- Excels in high yield environments and will fit on irrigated acres moving west.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Rating</th>
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<tbody>
<tr>
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<td>Pod Color</td>
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<tr>
<td>Cyst Nematode Resistance</td>
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<tr>
<td>Charcoal Rot</td>
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</tr>
<tr>
<td>Stem Canker</td>
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</tbody>
</table>

**MANAGEMENT TIPS**

Excellent emergence score allows for planting into variable environments and conditions. Responds very well to higher management in high yielding environments. Sabro® seed treatment will be beneficial in high SDS environments.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Practice</th>
<th>Rating</th>
</tr>
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<tbody>
<tr>
<td>Poorly Drained Soil</td>
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<td>Productive Soil</td>
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<tr>
<td>Adap No-Till</td>
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</tr>
<tr>
<td>Early Vigor</td>
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</tr>
</tbody>
</table>

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**LGS2577E3**

**2.5 RM**

**PRODUCT INFORMATION**

LGS2577E3 is a key product that provides top-end yield potential in its maturity. Above average emergence and excellent stress tolerance allow broad placement.

- Very high level of yield potential, fast emergence and early vigor allows broad adaptation.
- A medium-tall, moderate bush plant habit allows use in all regions and soils.
- Resistance to SCN, PRR and BSR along with good IDC tolerance for higher pH soils.
- Movement will be east to west but has a strong fit in the upper Midwest.

**PLANT CHARACTERISTICS**

<table>
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<th>Characteristic</th>
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<tbody>
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**DISEASE RATINGS**

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<tr>
<td>Stem Canker</td>
<td>N/A</td>
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</tbody>
</table>

**MANAGEMENT TIPS**

LGS2577E3 handles stress acres very well and is a solid option in both higher and lower yield environments. Excellent emergence and early vigor allows for planting into various residue scenarios. Can be positioned on most soybean acres from Nebraska to the East Coast where maturity is appropriate.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Practice</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Adap No-Till</td>
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</tr>
<tr>
<td>Early Vigor</td>
<td>9</td>
</tr>
</tbody>
</table>
LGS2616XF

**PRODUCT INFORMATION**

LGS2616XF is a medium-tall plant with good lateral branching that allows variable placement across many acres. It performs best in high yield environments, but good stress tolerance and very good IDC allows use on tough soils.

- A medium-tall, wide branching plant that produces extremely high yields over a range of planting environments.
- Tolerance to SDS and PRR; resistance to SCN.
- Great option for high IDC acres.
- Excellent for heavy residue, no-till situation and irrigated acres.

**PLANT CHARACTERISTICS**

- Emergence: 9
- Standability: 8
- Shoot Resistance: 8
- Plant Height: MT
- Plant Type: MB
- Pubescence: Grey
- Flower Color: Purple
- Hilum: Buff
- Pod Color: Tan

**DISEASE RATINGS**

- Cyst Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: None
- Phytophthora Tolerance: 7
- Brown Stem Rot: 9
- Iron Deficiency Chlorosis: 8
- Sclerotinia White Mold: N/A
- Sudden Death: 5
- Propea Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: N/A

**MANAGEMENT PRACTICES**

Poorest Drained Soil: 8
Marginal Soil: 8
Productive Soil: 9
Adapt No-Till: 9
Early Vigor: 9

**MANAGEMENT TIPS**

Top performance in the "I" states, but adaptable east to west. Excellent emergence allows for adaptability across no-till and minimum tillage. Above average branching adapts to wide rows where needed. Solid plant height is maintained under stress and also has good standability for irrigated acres. No gene for PRR, but early season protection can be helped with seed treatment.

LGS2801

**PRODUCT INFORMATION**

LGS2801 has broad east to west adaptation with good southern movement. Heavy pod clustering in the mid-section of plant. Strong yield performance for the conventional market. Agronomically sound.

- Attractive medium-tall, moderately branching plant. Outperforms competitive checks.
- Excellent emergence, plant vigor and standability.
- Solid defense with protection against PRR and SDS, with resistance to SCN.
- Widely adapted to soils and planting regimens with height being maintained under stress.

**MANAGEMENT PRACTICES**

Poorly Drained Soil: 7
Marginal Soil: 7
Productive Soil: 9
Adapt No-Till: 8
Early Vigor: 8

**PLANT CHARACTERISTICS**

- Emergence: 8
- Standability: 8
- Shoot Resistance: 8
- Plant Height: MT
- Plant Type: MB
- Pubescence: Lt. Tawny
- Flower Color: Purple
- Hilum: Black
- Pod Color: Brown

**DISEASE RATINGS**

- Cyst Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: Rpm1c
- Phytophthora Tolerance: 8
- Brown Stem Rot: 7
- Iron Deficiency Chlorosis: 6
- Sclerotinia White Mold: N/A
- Sudden Death: 8
- Propea Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: N/A

**MANAGEMENT TIPS**

Conventional herbicides can diversify weed control modes of action in a farming operation. Place from northeast Nebraska to Ohio and east. Good for no-till and minimum tillage.
**LGS2830XF**

**Product Information**

LGS2830XF is a new XtendFlex® soybean offering flexibility in placement and herbicide programs. It has good yield performance against commercial checks with a solid agronomic package. Broadly adapted with consistent performance across environments, it has very high yields and strong agronomics. Medium-tall with a moderate stature.

- Medium-tall plants furnish solid results from east to west.
- Solid emergence with average standability that sell well on no-till acres.
- BSR, SCN and PRR resistance with average scores against SDS.
- Excellent stress tolerance and conveys tolerance to sulfonylurea herbicides.

**Plant Characteristics**

Very good adaptability into no-till and medium tillage and well adapted to all row spacings. Reducing the seeding rate on highly productive soils will allow plants to branch more profusely and reduce overall height. Seed treatments may improve PRR field tolerance. Sulfonylurea tolerance is a plus when following wheat.

**Management Tips**

- Early Vigor
- Medium plant stature that has a good look with excellent emergence and very good early vigor.
- BSR, SCN and PRR resistance with average scores against SDS.
- Impressive yields, solid agronomics and broad adaptation.
- Solid emergence with average standability that sell well on no-till acres.

**Management Practices**

Poorly Drained Soil .................................................. 8
Marginal Soil .......................................................... 7
Productive Soil ........................................................ 9
Adapt No-Till ......................................................... 8
Early Vigor ............................................................... 8

**Disease Ratings**

- Cyst Nematode Resistance ................................. 9
- Phytophthora Race Resistance ....................... Rps/Ts
- Phytophthora Tolerance .................................. 7
- Brown Stem Rot .................................................. 9
- Iron Deficiency Chlorosis ................................ N/A
- Sclerotinia White Mold .................................... N/A
- Sudden Death ....................................................... 7
- Pyosepsis Leaf Spot ........................................... N/A
- Charcoal Rot ......................................................... N/A
- Stem Canker .......................................................... N/A

**LGS2851E3**

**Product Information**

LGS2851E3 is a medium-tall, medium-bush plant style that has great performance in all geographies and yield environments. Excellent SDS tolerance and stacked PRR gene give it strong agronomics to go with top-end yield.

- Impressive yields, solid agronomics and broad adaptation.
- Medium plant stature that has a good look with excellent emergence and solid standability.
- Excellent SDS tolerance coupled with a top-notch defense that includes SCN, EEC, PRR and BSR.
- Broadly adapted to all environments and planting regimens.

**Plant Characteristics**

- Emergence ......................................................... 9
- Standability ........................................................ 8
- Shatter Resistance .............................................. 8
- Plant Height ...................................................... MT
- Plant Type .......................................................... M
- Pubescence ........................................................ Grey
- Flower Color ..................................................... Purple
- Hilum ................................................................. Imp. Black
- Pod Color .......................................................... Brown

**Management Tips**

- Produces top-end yields and has the ability to adapt to many soil types. Well adapted to no-till with excellent emergence and very good early vigor. Caution is advised in fields prone to White Mold.

**Management Practices**

- Emergence ......................................................... 9
- Standability ........................................................ 8
- Shatter Resistance .............................................. 8
- Plant Height ...................................................... MT
- Plant Type .......................................................... MB
- Pubescence ........................................................ Grey
- Flower Color ..................................................... White
- Hilum ................................................................. Buff
- Pod Color .......................................................... Tan

**Disease Ratings**

- Cyst Nematode Resistance ................................. R3, MR14
- Phytophthora Race Resistance ....................... Rps/Ts
- Phytophthora Tolerance .................................. 8
- Brown Stem Rot .................................................. 8
- Iron Deficiency Chlorosis ................................ 7
- Sclerotinia White Mold .................................... 6
- Sudden Death ....................................................... 8
- Pyosepsis Leaf Spot ........................................... N/A
- Charcoal Rot ......................................................... N/A
- Stem Canker .......................................................... 0
**C2888RX**

**PRODUCT INFORMATION**

C2888RX produces dominating yields across the entire Corn Belt. Has the taller and branchy stature that speaks of performance.

- A highly proven, widely adapted line with outstanding yield potential.
- A bushy plant that has height to handle stress soils and environments with very good early vigor.
- Excellent SDS protection, SCN, BSR & PRR resistant, handles IDC and has average scores against White Mold.
- Broadly adapted from Ohio to Nebraska, with exceptional stress and drought tolerance.

**PLANT CHARACTERISTICS**

- Emergence: 8
- Standability: 7
- Shatter Resistance: 8
- Plant Height: MT
- Plant Type: MB
- Pubescence: Grey
- Flower Color: Purple
- Hull: Impl. Black
- Pod Color: Brown

**DISEASE RATINGS**

- Cyst Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: Rppk
- Phytophthora Tolerance: 8
- Brown Stem Rot: 9
- Iron Deficiency Chlorosis: 7
- Sclerotinia White Mold: 7
- Sudden Death: N/A
- Pogge Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: N/A

**EMERGENCE 9 = Excellent      1 = Poor      N/A = Not Available  9 = Excellent      1 = Poor      N/A = Not Available**

**MANAGEMENT TIPS**

Excellent adaptability into no-till and minimum tillage and well adapted to all row spacings. Widely adapted across the Midwest. Handles stress and non-stress environments equally well.

**MANAGEMENT PRACTICES**

Poorly Drained Soil: 8
Marginal Soil: 8
Productive Soil: 8
Adapt No-Till: 8
Early Vigor: 9

**MANAGEMENT TIPS**

Phytophthora Root Rot field tolerance is in average and furnishes better disease protection after the plants become established. Best performance has been on well-drained soils, with good yield response in both stress and high productivity environments.

**PRODUCT INFORMATION**

LGS3060RX provides high-level performance in this maturity. Good agronomy and disease characteristics provide a foundation for superior yield potential.

- Attractive wide profile, medium-tall plants with good standability.
- Strong scores for emergence and stress tolerance.
- Resistant to SCN, BSR and has above average PRR field tolerance.
- Wide adaptation and will be well adapted to both conventional and minimum tillage planting systems.

**PLANT CHARACTERISTICS**

- Emergence: 7
- Standability: 7
- Shatter Resistance: 8
- Plant Height: MT
- Plant Type: 8
- Pubescence: Lt. Twiny
- Flower Color: Purple
- Hull: Black
- Pod Color: Tan

**DISEASE RATINGS**

- Cyst Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: None
- Phytophthora Tolerance: 7
- Brown Stem Rot: 9
- Iron Deficiency Chlorosis: 7
- Sclerotinia White Mold: N/A
- Sudden Death: N/A
- Pogee Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: N/A

**EMERGENCE 9 = Excellent      1 = Poor      N/A = Not Available  9 = Excellent      1 = Poor      N/A = Not Available**

**MANAGEMENT TIPS**

Resistant to SCN, BSR and has above average PRR field tolerance. Strong scores for emergence and stress tolerance. Resistant to SCN, BSR and has above average PRR field tolerance. Wide adaptation and will be well adapted to both conventional and minimum tillage planting systems.
LGS3098XF

PRODUCT INFORMATION

LGS3098XF is a taller, medium-bush plant with very good emergence. High top-end yield potential and good standability make this a strong candidate for highly productive acres. Strong disease package with SSR resistance, SDS tolerance and very good White Mold scores.

- Taller, medium-bush plant with excellent early vigor and top-end yield.
- Good White Mold tolerance despite its robust plant style.
- Carries resistance to SCN, SSR, PRR and Stem Canker.
- Performance is highlighted on productive soils.

PLANT CHARACTERISTICS

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DISEASE RATINGS

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MANAGEMENT TIPS

The plant style and disease package allow for broad placement across many soil types in this maturity. Manage early season PRR concerns with an appropriate seed treatment. Consider IDC tolerance on high pH soils. Place and manage for high yield potential.

MANAGEMENT PRACTICES

Poorly Drained Soil       8
Marginal Soil             7
Productive Soil          9
Adapt No-Till             9
Early Vigor               9

LGS3101

PRODUCT INFORMATION

LGS3101 has broad east to west adaptation. Clear hilum for special non-GMO premium markets. Competitive yields against traited checks. Solid agronomics.

- Strong yield performance from medium-tall, medium bush plants that have above average standability scores.
- Very good emergence, plant vigor and standability.
- SCN and PRR resistance with high scores for Frogeye Leaf Spot.
- Broadly adapted east to west in zone and exhibits good stress tolerance.

PLANT CHARACTERISTICS

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DISEASE RATINGS

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<td>Stem Canker</td>
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MANAGEMENT TIPS

Conventional herbicides can diversely weed control modes of action in a farming operation. Place from eastern Nebraska to Ohio and East. Best performance has been in its adapted maturity zone. Good for no-till and minimum tillage.

MANAGEMENT PRACTICES

Poorly Drained Soil       6
Marginal Soil             7
Productive Soil          9
Adapt No-Till             8
Early Vigor               8
**LGS3124E3**

**PRODUCT INFORMATION**

LGS3124E3 is a key product for this maturity, performing well east to west. Works equally well in both high and low yield environments.

- **Excellent Sudden Death tolerance** makes it a strong candidate for fields with a history of SDS, especially when paired with Salto® seed treatment.
- **Stacked Rps3k/3a PR1 genes** and very good field tolerance allow for broad placement.
- Moderate plant structure and excellent standability will keep it upright, even in the most productive soybean fields.
- Good performance from Nebraska to the East Coast.

**PLANT CHARACTERISTICS**

- **Emergence**: 8
- **Standability**: 9
- **Shatter Resistance**: 9
- **Plant Height**: M
- **Plant Type**: M
- **Pubescence**: Grey
- **Flower Color**: White
- **Hilum**: Buff
- **Pod Color**: Brown

**DISEASE RATINGS**

- **Cyst Nematode Resistance**: R3, MR14
- **Phytophthora Race Resistance**: Rps3k/3a
- **Phytophthora Tolerance**: 7
- **Brown Stem Rot**: 8
- **Iron Deficiency Chlorosis**: 5
- **Sclerotinia White Mold**: 7
- **Sudden Death**: 8
- **Pod Eye Spot**: N/A
- **Charcoal Rot**: N/A
- **Stem Canker**: 9

**MANAGEMENT TIPS**

Overall disease package and performance allows for broad placement with few considerations. Can be planted with confidence in fields with a history of SDS or PR1 when paired with the appropriate seed treatments. Moderate plant structure and good White Mold tolerance allow use on all row widths. IDC tolerance must be considered on high pH acres.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 9
- Marginal Soil: 8
- Productive Soil: 8
- Adapt No-Till: 8
- Early Vigor: 8

**PRODUCT INFORMATION**

**LGS3253XF** is a tall plant with very good standability. Superior emergence and early vigor combined with SDS tolerance provide a foundation for top-end yield potential.

- **High yields and top-end performance** against competitive products from the East Coast to Nebraska and Kansas.
- **Superior emergence and early vigor** are ideal for early planting and no-till situations.
- **Soil disease profile includes SCN, PR1, BSR and Stem Canker resistance**, with high tolerance to SDS.
- **Broadly adapted** from east to west and is an excluder of salts.

**PLANT CHARACTERISTICS**

- **Emergence**: 9
- **Standability**: 9
- **Shatter Resistance**: 8
- **Plant Height**: T
- **Plant Type**: MB
- **Pubescence**: Grey
- **Flower Color**: Purple
- **Hilum**: Imp. Black
- **Pod Color**: Brown

**DISEASE RATINGS**

- **Cyst Nematode Resistance**: R3, MR14
- **Phytophthora Race Resistance**: Rps3k/3a
- **Phytophthora Tolerance**: 8
- **Brown Stem Rot**: 7
- **Iron Deficiency Chlorosis**: 5
- **Sclerotinia White Mold**: N/A
- **Sudden Death**: 8
- **Pod Eye Spot**: N/A
- **Charcoal Rot**: N/A
- **Stem Canker**: 9

**MANAGEMENT TIPS**

Suitable for all row spacings and tillage scenarios. Tall plant that maintains height under stress and has good standability in ideal situations, making it broadly adapted to different soils and management practices. Carries two genes for PR1 resistance with very good field tolerance.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 8
- Marginal Soil: 8
- Productive Soil: 9
- Adapt No-Till: 9
- Early Vigor: 9

**PRODUCT INFORMATION**

**LGS3124E3**

- **Excellent Sudden Death tolerance** makes it a strong candidate for fields with a history of SDS, especially when paired with Salto® seed treatment.
- **Stacked Rps3k/3a PR1 genes** and very good field tolerance allow for broad placement.
- Moderate plant structure and excellent standability will keep it upright, even in the most productive soybean fields.
- Good performance from Nebraska to the East Coast.

**PLANT CHARACTERISTICS**

- **Emergence**: 8
- **Standability**: 9
- **Shatter Resistance**: 9
- **Plant Height**: M
- **Plant Type**: M
- **Pubescence**: Grey
- **Flower Color**: White
- **Hilum**: Buff
- **Pod Color**: Brown

**DISEASE RATINGS**

- **Cyst Nematode Resistance**: R3, MR14
- **Phytophthora Race Resistance**: Rps3k/3a
- **Phytophthora Tolerance**: 7
- **Brown Stem Rot**: 8
- **Iron Deficiency Chlorosis**: 5
- **Sclerotinia White Mold**: 7
- **Sudden Death**: 8
- **Pod Eye Spot**: N/A
- **Charcoal Rot**: N/A
- **Stem Canker**: 9

**MANAGEMENT TIPS**

Overall disease package and performance allows for broad placement with few considerations. Can be planted with confidence in fields with a history of SDS or PR1 when paired with the appropriate seed treatments. Moderate plant structure and good White Mold tolerance allow use on all row widths. IDC tolerance must be considered on high pH acres.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 9
- Marginal Soil: 8
- Productive Soil: 8
- Adapt No-Till: 8
- Early Vigor: 8
**C3400**

**PRODUCT INFORMATION**

C3400 is a conventional product that offers high yield, medium stature, moderate canopy width and reliability with solid disease and agronomic traits.

- Very good yield data and is medium in stature with moderate canopy width.
- Reliable high yields with solid disease and agronomic traits.
- Resistance to SCN and PRR, with tolerance to IDC, BSR, SDS, White Mold and excellent stress tolerance.
- Widely adapted to soils and planting regimens with top performance in any row spacing.

**PLANT CHARACTERISTICS**

- Emergence: 9
- Standability: 9
- Shatter Resistance: 8
- Plant Height: M
- Plant Type: M
- Pubescence: Grey
- Flower Color: Purple
- Hilum: Buff
- Pod Color: Brown

**DISEASE RATINGS**

- Cyl Nematode Resistance: 9
- Phytophthora Race Resistance: N/A
- Phytophthora Tolerance: 8
- Brown Stem Rot: 9
- Iron Deficiency Chlorosis: 8
- Sclerotinia White Mold: 7
- Sudden Death: 8
- Progeye Leaf Spot: 7
- Charcoal Rot: 8
- Stem Canker: 8

**PRODUCT INFORMATION**

Conventional herbicides can diversify weed control modes of action in a farming operation. Height is maintained under stress. Widely adapted to soils and planting regimens. Top performance in any row spacing.

**MANAGEMENT TIPS**

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 9
- Marginal Soil: 9
- Productive Soil: 9
- Adapt No-Till: 9
- Early Vigor: 9

**PLANT CHARACTERISTICS**

- Emergence: 9
- Standability: 9
- Shatter Resistance: N/A
- Plant Height: MT
- Plant Type: MB
- Pubescence: Lt. Tavern
- Flower Color: Purple
- Hilum: Black
- Pod Color: Brown

**DISEASE RATINGS**

- Cyl Nematode Resistance: 9
- Phytophthora Race Resistance: N/A
- Phytophthora Tolerance: 8
- Brown Stem Rot: 9
- Iron Deficiency Chlorosis: 8
- Sclerotinia White Mold: 7
- Sudden Death: 8
- Progeye Leaf Spot: 7
- Charcoal Rot: N/A
- Stem Canker: 9

**LGS3430E3**

**PRODUCT INFORMATION**

LGS3430E3 brings outstanding yield in a solid agronomic package. A medium-tall plant that self-stands well, aiding in ease of harvest and a great fall appearance. Brings impressive yields and a complete agronomic package; should be positioned for maximum yield potential.

- Medium-tall robust plant that stands well in the field.
- A great defensive package against IDC, BSR, Progeye Leaf Spot, SCN and Stem Canker.
- Strong field tolerance to Phytophthora Root Rot.

**PRODUCT INFORMATION**

Very good yield data and is medium in stature with moderate canopy width.

- Very good yield and performance in any row spacing.
- Ordinarily yields well across soil types and yield environments.
- Good defensive package allows for broad placement with few management concerns. Excellent performance in stress environments.

**PLANT CHARACTERISTICS**

- Emergence: 9
- Standability: 9
- Shatter Resistance: N/A
- Plant Height: MT
- Plant Type: MB
- Pubescence: Lt. Tavern
- Flower Color: Purple
- Hilum: Black
- Pod Color: Brown

**DISEASE RATINGS**

- Cyl Nematode Resistance: 9
- Phytophthora Race Resistance: N/A
- Phytophthora Tolerance: 8
- Brown Stem Rot: 9
- Iron Deficiency Chlorosis: 8
- Sclerotinia White Mold: 7
- Sudden Death: 8
- Progeye Leaf Spot: 7
- Charcoal Rot: N/A
- Stem Canker: 9

**PRODUCT INFORMATION**

Broad adaptation wet to seed with superior yields. Excellent emergence gives the ability for this product to go across many tillage practices. Consistently yields well across soil types and yield environments. Good defensive package allows for broad placement with few management concerns. Excellent performance in stress environments.

**PLANT CHARACTERISTICS**

- Emergence: 9
- Standability: 9
- Shatter Resistance: N/A
- Plant Height: MT
- Plant Type: MB
- Pubescence: Lt. Tavern
- Flower Color: Purple
- Hilum: Black
- Pod Color: Brown

**DISEASE RATINGS**

- Cyl Nematode Resistance: 9
- Phytophthora Race Resistance: N/A
- Phytophthora Tolerance: 8
- Brown Stem Rot: 9
- Iron Deficiency Chlorosis: 8
- Sclerotinia White Mold: 7
- Sudden Death: 8
- Progeye Leaf Spot: 7
- Charcoal Rot: N/A
- Stem Canker: 9
**C3550RX**

**PRODUCT INFORMATION**

C3550RX has a phenomenal yield history and can be utilized across soybean growing regions from east-to-west. Medium height with a wide branchy canopy and beautiful look at harvest.

- Proven dominant performance in the field, can be utilized across all soybean growing regions from east-to-west.
- Medium-tall with a wide branchy canopy and beautiful look at harvest. Stands well for ease of harvest.
- Disease characteristics are all good and include: SDS, SCN, PRR, BSR, IDC. Ensures reliable performance in all kinds of tough conditions.
- Excellent adaptability into no-till and minimum tillage and well adapted to all row spacings.

**PLANT CHARACTERISTICS**

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<td>Iron Deficiency Chloros</td>
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</tr>
<tr>
<td>Sclerotinia White Mold</td>
<td>7</td>
</tr>
<tr>
<td>Sudden Death</td>
<td>N/A</td>
</tr>
<tr>
<td>Poggeye Leaf Spot</td>
<td>8</td>
</tr>
<tr>
<td>Charcoal Rot</td>
<td>N/A</td>
</tr>
<tr>
<td>Stem Canker</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

Widely adapted across the Midwest to all tillage systems, row spacings and soils. Handles stress and non-stress environments equally well.

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Vigor</td>
<td>9</td>
</tr>
</tbody>
</table>

**MANAGEMENT PRACTICES**

- Proven dominant performance in the field, can be utilized across all soybean growing regions from east-to-west.
- Medium-tall with a wide branchy canopy and beautiful look at harvest. Stands well for ease of harvest.
- Disease characteristics are all good and include: SDS, SCN, PRR, BSR, IDC. Ensures reliable performance in all kinds of tough conditions.
- Excellent adaptability into no-till and minimum tillage and well adapted to all row spacings.

**LGS3572XF**

**PRODUCT INFORMATION**

LGS3572XF brings an additional herbicide option to aid in tough to control weed situations. Broad acre adaptation with yield that is slightly higher than C3550RX.

- Medium-tall soybean with bushy plant type.
- Solid emergence with good standability that will work well on no-till acres.
- Resistant to BSR, SCN, PRR and southern Stem Canker.
- No placement restrictions, high yield potential and a robust agronomic profile.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>MT</td>
</tr>
<tr>
<td>Plant Type</td>
<td>MB</td>
</tr>
<tr>
<td>Pubescence</td>
<td>Light Grey</td>
</tr>
<tr>
<td>Flower Color</td>
<td>White</td>
</tr>
<tr>
<td>Hilum</td>
<td>Black</td>
</tr>
<tr>
<td>Pod Color</td>
<td>Brown</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyst Nematode Res</td>
<td>9</td>
</tr>
<tr>
<td>Phytophthora Race Res</td>
<td>9</td>
</tr>
<tr>
<td>Phytophthora Tolerance</td>
<td>9</td>
</tr>
<tr>
<td>Brown Stem Rot</td>
<td>9</td>
</tr>
<tr>
<td>Iron Deficiency Chloros</td>
<td>7</td>
</tr>
<tr>
<td>Sclerotinia White Mold</td>
<td>N/A</td>
</tr>
<tr>
<td>Sudden Death</td>
<td>N/A</td>
</tr>
<tr>
<td>Poggeye Leaf Spot</td>
<td>N/A</td>
</tr>
<tr>
<td>Charcoal Rot</td>
<td>N/A</td>
</tr>
<tr>
<td>Stem Canker</td>
<td>0</td>
</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

Good IGC scores which expands the western adaptation. Medium-tall height with better than average standability. Wide fit on soybean acres east to west. Highly stable performance across varied environments. Strong emergence and no-till adaptation.

**MANAGEMENT PRACTICES**

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Vigor</td>
<td>8</td>
</tr>
</tbody>
</table>
LGS3668E3

**SOYBEANS**

9 = Excellent  1 = Poor  N/A = Not Available

**PRODUCT INFORMATION**

LGS3668E3 is a key product in the Mid-Group II maturity. Consistent top-end yields east to west with very good standability. Possesses solid agronomic and disease packages. Sulfonlurea tolerance for double crop wheat acres.

- Has a broad footprint and fits tough or productive acres.
- Medium-tall plant with an attractive gray/tan harvest appearance. Has clustering tendencies with nice lateral branching.
- Resistance to SCN, PRR and Stem Canker, with strong tolerance to White Mold, SDS, Frosgeye Leaf Spot and Charcoal Rot.
- Stature is very good with a medium plant style that fits many row widths.

**MANAGEMENT TIPS**

Widely adapted across the Corn Belt where the maturity fits. Rapid emergence and good early vigor make it a great fit for no-till and early planting. Standability and sheltering resistance contribute to ease of harvest. Consistent performance across soil types makes this a soybean for any acre. The Sulfonlurea tolerance broadens usage following wheat.

**PLANT CHARACTERISTICS**

- Pod Color: None
- Flower Color: White
- Plant Type: Buff
- Hilum: Medium
- Seed Color: Brown
- Plant Height: 7
- Emergence: 8
- Standability: 8
- Shatter Resistance: 9
- Productive Soil: 8
- Early Vigor: 9
- Mat.: M
- Charcoal Rot: 8
- Stem Canker: 7
- Phytophthora: N/A
- Iron Deficiency Chlorosis: N/A
- Soybean White Mold: 8
- Sudden Death: 8
- Progeye Leaf Spot: 7
- Brown Stem Rot: N/A
- Delayed Blight: N/A
- Phytophthora: N/A
- Soybean White Mold: 8
- Sudden Death: 8
- Progeye Leaf Spot: 7
- Brown Stem Rot: N/A
- Delayed Blight: N/A

**DISEASE RATINGS**

- Cyst Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: Rpa1a
- Phytophthora Tolerance: 7
- Brown Stem Rot: N/A
- Iron Deficiency Chlorosis: N/A
- Soybean White Mold: 8
- Sudden Death: 8
- Progeye Leaf Spot: 7
- Charcoal Rot: 7
- Stem Canker: 9
- Pod Color: White
- Flower Color: Grey
- Plant Type: MB
- Hilum: Buff
- Emergence: 8
- Standability: 8
- Shatter Resistance: 9
- Productive Soil: 8
- Early Vigor: 9

**PRODUCT INFORMATION**

LGS3736XF has strong performance east to west across the Mid-Group II maturity. Brings excellent standability and good emergence with a solid disease package in a medium-statured plant.

- Strong yield and a broad acre fit across the Mid-Group II maturity.
- Appealing, medium-statured plant type and good pod clustering with good standability. High ratings against green stem at harvest.
- Disease package includes resistance to SCN and Stem Canker; solid against SDS, White Mold, Frosgeye Leaf Spot and Charcoal Rot.
- Broadly adapted across soil types. Use where maturity is appropriate. Responds in medium and high yield environments.

**MANAGEMENT TIPS**

Adaptability into no-till, minimum tillage and early planting. With strong performance in low to high yielding environments, LGS3736XF is a broad acre fit.

**PLANT CHARACTERISTICS**

- Pod Color: None
- Flower Color: White
- Plant Type: Buff
- Hilum: Medium
- Seed Color: Brown
- Plant Height: 7
- Emergence: 8
- Standability: 8
- Shatter Resistance: 9
- Productive Soil: 8
- Early Vigor: 9

**DISEASE RATINGS**

- Cyst Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: None
- Phytophthora Tolerance: 7
- Brown Stem Rot: N/A
- Iron Deficiency Chlorosis: N/A
- Soybean White Mold: 8
- Sudden Death: 8
- Progeye Leaf Spot: 7
- Charcoal Rot: 8
- Stem Canker: 0
- Pod Color: White
- Flower Color: Grey
- Plant Type: MB
- Hilum: Buff
- Emergence: 8
- Standability: 8
- Shatter Resistance: 9
- Productive Soil: 8
- Early Vigor: 9
**PRODUCT INFORMATION**

**LGS3777RX**

LGS3777RX has impressive yields throughout the Corn Belt along with a superior agronomic package in a medium-statured plant and has an impressive disease profile. Also included is Sulfonylurea tolerance, giving growers herbicide options.

- Strong yield potential from Kansas to the East Coast.
- A robust medium height plant with good branching and an attractive light tan ear.
- Disease package includes resistance to SCN, PRR and BSR, with good ratings against SBR, EIC and Frogeye Leaf Spot.

Broadly adapted across soil types, can go west to east and performs well moving north of its primary adapted maturity.

**PLANT CHARACTERISTICS**

- Emergence: 7
- Standability: 7
- Shatter Resistance: 8
- Plant Height: M
- Plant Type: MB
- Pubescence: Lt. Tawny
- Flower Color: White
- Hilum: Black
- Pod Color: Brown

**DISEASE RATINGS**

- Cyst Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: RpBc
- Phytophthora Tolerance: 7
- Brown Stem Rot: 8
- Iron Deficiency Chlorosis: 7
- Sclerotinia White Mold: N/A
- Sudden Death: 7
- Frogeye Leaf Spot: 8
- Charcoal Rot: N/A
- Stem Canker: N/A

**MANAGEMENT TIPS**

Excellent adaptability into no-till and minimum tillage and well adapted to all row spacings. Adapts well north of its maturity zone. Handles diverse environments and is very stress tolerant. An excluder for salts, LGS-3777RX performs well on highly saline fields.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 8
- Marginal Soil: 9
- Productive Soil: 9
- Adapt No-Till: 8
- Early Vigor: 7

---

**PRODUCT INFORMATION**

**LGS3784XF**

LGS3784XF is an offensive product with strong yield results across the central and western Corn Belt. Excellent emergence makes LGS3784XF a great fit for no-till acres. Can be used east on well-drained soils and when managed with seed treatment.

- Strong yields on well-drained, productive soybean growing areas.
- Very good emergence that adapts to no-till acres.
- Resistance to BSR and Stem Canker with very good SDS.
- Broad adaptation, use where maturity is appropriate.

**PLANT CHARACTERISTICS**

- Emergence: 9
- Standability: 9
- Shatter Resistance: 9
- Plant Height: MT
- Plant Type: MB
- Pubescence: Lt. Tawny
- Flower Color: Purple
- Hilum: Black
- Pod Color: Tan

**DISEASE RATINGS**

- Cyst Nematode Resistance: R3
- Phytophthora Race Resistance: None
- Phytophthora Tolerance: 9
- Brown Stem Rot: 9
- Iron Deficiency Chlorosis: 4
- Sclerotinia White Mold: N/A
- Sudden Death: 8
- Frogeye Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: 0

**MANAGEMENT TIPS**

Extraordinary emergence allows use on marginal and productive soils. Lower populations are recommended as standability will suffer on highly productive soils. Manage with a seed treatment for BSR in areas of concern.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 7
- Marginal Soil: 9
- Productive Soil: 9
- Adapt No-Till: 9
- Early Vigor: 8
**C3848**

**PRODUCT INFORMATION**

C3848 is a moderately stunted, conventional soybean widely adapted east to west. Plants are medium short in height and have a row-filling, bushy profile and good agronomics.

- A customer favorite having big bushel yield.
- Moderately stunted, plants have fast emergence, a row filling quick canopy and bushy profile shielding weed competition.
- Resistance to the SCN and PRW with very good SDS and Charcoal Rot scores.
- Stress tolerant, handles tough environments well and is widely adapted.

**PLANT CHARACTERISTICS**

- Emergence: 9
- Standability: 8
- Shelter Resistance: 8
- Plant Height: MT
- Plant Type: MB
- Pubescence: Lt. Tawny
- Flower Color: Purple
- Hilum: Black
- Pod Color: Brown

**DISEASE RATINGS**

- Crop: Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: Rps1c
- Phytophthora Tolerance: MT
- Brown Stem Rot: N/A
- Iron Deficiency Chlorosis: 8
- Sclerotinia White Mold: 7
- Sudden Death: 8
- Pigeon Leaf Spot: 8
- Charcoal Rot: 8
- Stem Canker: 7

**MANAGEMENT TIPS**

Conventional herbicides can diversify weed control modes of action in a farming operation. Widely adapted from east to west, working across a wide range of soils. Great choice for no-till environments. Plants maintain their height on marginal soils and on rolling ground.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 8
- Marginal Soil: 8
- Productive Soil: 9
- Adapt No-Till: 9
- Early Vigor: 9

**PRODUCT INFORMATION**

LGS3935XF has excellent yields across environments and is sulfonamide tolerant. A medium bush plant with very good standability and an attractive appearance. Performs east to west and in all yield environments.

- Key product in its maturity and brings strong yield potential.
- Medium bush plant with excellent standability across all soil types.
- Highly tolerant to SDS with resistance to SCN, PRW and Stem Canker.
- Strong early vigor allows for early planting. Exhibits best yield results on productive soils.

**MANAGEMENT TIPS**

Adapted to all soil types. Sulfonamide tolerance furnishes herbicide options and has advantages for double-crop behind wheat. Performs best when early planted in medium to high yielding environments.

**PLANT CHARACTERISTICS**

- Emergence: 8
- Standability: 9
- Shelter Resistance: 9
- Plant Height: M
- Plant Type: MB
- Pubescence: Lt. Tawny
- Flower Color: White
- Hilum: Black
- Pod Color: Brown

**DISEASE RATINGS**

- Crop: Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: Rps1a
- Phytophthora Tolerance: M
- Brown Stem Rot: N/A
- Iron Deficiency Chlorosis: N/A
- Sclerotinia White Mold: 7
- Sudden Death: 8
- Pigeon Leaf Spot: 7
- Charcoal Rot: 8
- Stem Canker: 0
**LGS3942E3**

**PRODUCT INFORMATION**

LGS3942E3 features an attractive light tawny/brown color in a medium-tall plant. Consistent top-end yields east to west along with excellent standability for harvest ease.

- Yield is top-of-class for the maturity.
- Medium-tall plant with tremendous eye appeal and harvestability.
- Resistant to SCN, Stem Canker and PRR as well as good IDC and Frogeye Leaf Spot tolerance.
- Broad adaptation within maturity.

**PLANT CHARACTERISTICS**

Emergence ........................................ 8
Standability ........................................ 8
Shatter Resistance .............................. 8
Plant Height ....................................... MT
Plant Type ......................................... M
Pubescence ........................................ Lt. Tawny
Flower Color ...................................... White
Hilum ................................................ Brown
Pod Color .......................................... Tan

**DISEASE RATINGS**

Cyst Nematode Resistance .................. R3, MR14
Phytophthora Race Resistance ............. Rphck
Phytophthora Tolerance ...................... 7
Brown Stem Rot ................................. N/A
Iron Deficiency Chlorosis ...................... 7
Sclerotinia White Mold ......................... N/A
Sudden Death .................................. 7
Frogeye Leaf Spot .............................. 7
Charcoal Rot .................................... N/A
Stem Canker ..................................... 9

**MANAGEMENT TIPS**

Very good early vigor and standability allows LGS3942E3 to adapt to no-till environments. Salt® seed treatments will benefit fields with a history of SDS.

**MANAGEMENT PRACTICES**

Poorly Drained Soil ............................. 8
Marginal Soil ...................................... 8
Productive Soil ................................. 9
Adapt No-Till .................................... 9
Early Vigor ....................................... 8

**PRODUCT INFORMATION**

LGS4122E3 is a medium-tall, robust plant style that is broadly adaptable to varying soil types and management regimens. This product is a yield leader in its relative maturity zone.

- Outstandingly high yield potential and great appearance.
- Medium-tall robust plant with light tawny/brown appearance at harvest.
- SCN and Stem Canker resistance. Excellent Frogeye Leaf Spot tolerance and good scores against SDS.
- Good standability, exceptional emergence and handles no-till environments.

**PLANT CHARACTERISTICS**

Emergence ........................................ 9
Standability ........................................ 7
Shatter Resistance .............................. N/A
Plant Height ....................................... MT
Plant Type ......................................... M
Pubescence ........................................ Lt. Tawny
Flower Color ...................................... White
Hilum ................................................ Brown
Pod Color .......................................... Brown

**DISEASE RATINGS**

Cyst Nematode Resistance .................. R3, MR14
Phytophthora Race Resistance ............. None
Phytophthora Tolerance ...................... 6
Brown Stem Rot ................................. N/A
Iron Deficiency Chlorosis ...................... N/A
Sclerotinia White Mold ......................... N/A
Sudden Death .................................. 7
Frogeye Leaf Spot .............................. 8
Charcoal Rot .................................... N/A
Stem Canker ..................................... 0

**MANAGEMENT TIPS**

LGS4122E3 is easily adaptable to varying soil types and yield environments. Handles day slots well and holds its height in tougher growing environments. May need to reduce populations in more productive growing environments to manage plant height.

**MANAGEMENT PRACTICES**

Poorly Drained Soil ............................. 7
Marginal Soil ...................................... 9
Productive Soil ................................. 8
Adapt No-Till .................................... 8
Early Vigor ....................................... 9
### LGS4162

**PRODUCT INFORMATION**

LGS4162 is a great option for conventional soybean growers. A bushy plant that has a great appearance, superior agronomics and disease package.

- Excellent yield potential through the Corn Belt and the Mid-South where the maturity is appropriate.
- Very good emergence makes it a great choice for no-till or early planting.
- Moderate height and good standability provide ease of harvest in the fall.
- A salt excluder for additional placement options.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergence</td>
<td>9</td>
</tr>
<tr>
<td>Standability</td>
<td>8</td>
</tr>
<tr>
<td>Shatter Resistance</td>
<td>9</td>
</tr>
<tr>
<td>Plant Height</td>
<td>M</td>
</tr>
<tr>
<td>Plant Type</td>
<td>MB</td>
</tr>
<tr>
<td>Pubescence</td>
<td>Lt. Tawny</td>
</tr>
<tr>
<td>Flower Color</td>
<td>Purple</td>
</tr>
<tr>
<td>Hilum</td>
<td>Black</td>
</tr>
<tr>
<td>Pod Color</td>
<td>Brown</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charcoal Rot</td>
<td>8</td>
</tr>
<tr>
<td>Frogeye Leaf Spot</td>
<td>8</td>
</tr>
<tr>
<td>Sudden Death</td>
<td>7</td>
</tr>
<tr>
<td>Sclerotinia White Mold</td>
<td>7</td>
</tr>
<tr>
<td>Brown Stem Rot</td>
<td>8</td>
</tr>
<tr>
<td>Phytophthora Tolerance</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

This conventional product thrives at all yield levels and has exceptional potential for high yield environments. Fits a wide geography next to west and is optimal to its maturity zone and south. Sulfurylurea tolerant and a salt excluder that help with positioning this product.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 7
- Marginal Soil: 8
- Shatter Resistance: 9
- Early Vigor: 9

### LGS4188XF

**PRODUCT INFORMATION**

LGS4188XF brings outstanding performance east to west, with the ability to move into the Mid-South. Broadly adapted to planting dates and soil types across the growing regions. Outstanding performance against competitive checks.

- Top-end yield with very good emergence and average standability. Pods tend to cluster at the nodes.
- Wide body, medium-full bush plant with excellent standability and great eye appeal.
- Highly tolerant to SDS and green stem syndrome. Resistance to Stem Canker and PBR.
- Key product for this maturity that is well adapted to all environments including the Mid-South.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Trait</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Emergence</td>
<td>8</td>
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</tr>
<tr>
<td>Shatter Resistance</td>
<td>9</td>
</tr>
<tr>
<td>Plant Height</td>
<td>MT</td>
</tr>
<tr>
<td>Plant Type</td>
<td>MB</td>
</tr>
<tr>
<td>Pubescence</td>
<td>Lt. Tawny</td>
</tr>
<tr>
<td>Flower Color</td>
<td>Purple</td>
</tr>
<tr>
<td>Hilum</td>
<td>Black</td>
</tr>
<tr>
<td>Pod Color</td>
<td>Brown</td>
</tr>
</tbody>
</table>

**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Disease</th>
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<tbody>
<tr>
<td>Charcoal Rot</td>
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<tr>
<td>Sudden Death</td>
<td>8</td>
</tr>
<tr>
<td>Sclerotinia White Mold</td>
<td>N/A</td>
</tr>
<tr>
<td>Brown Stem Rot</td>
<td>8</td>
</tr>
<tr>
<td>Phytophthora Tolerance</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

LGS4188XF is suited to a wide range of placement and management styles. With wide adaptation to soil types and yield environments, it covers a large footprint. Populations should be managed as standability can suffer in highly productive soils.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil: 8
- Marginal Soil: 9
- Shatter Resistance: 8
- Early Vigor: 8

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**SOYBEANS**

9 = Excellent 1 = Poor  N/A = Not Available
**C4227RX**

**PRODUCT INFORMATION**

C4227RX provides consistent and solid yield performance in the west and mid-south. Offers growers a choice of herbicide options by including Sulfonylurea tolerance.

- Key product for this maturity that is particularly well adapted to the mid-south and western environments.
- Bushy, medium-tall plant stature with upright branches and good standability.
- Highly tolerant to SDS and PRR; resistance to SCN and Stem Canker, average scores against Septoria Leaf Spot.
- Offers herbicide options – Roundup Ready 2 Xtend® and sulfonylurea tolerance.

**PLANT CHARACTERISTICS**

- Pod Color
- Flower Color
- Pubescence
- Plant Height
- Shatter Resistance
- Standability
- Stem Canker
- Sulfonylurea Resistance

**DISEASE RATINGS**

- Cyst Nematode Resistance
- Phytophthora Race Resistance
- Phytophthora Tolerance
- Brown Stem Rot
- Iron Deficiency Chlorosis
- Sudden Death
- Septoria Leaf Spot
- Charcoal Rot
- Stem Canker

**MANAGEMENT TIPS**

Adapted on all soils. Sulfonylurea tolerance furnishes herbicide options and has advantages for double-crop behind wheat. Standability can suffer on highly productive soil. Slightly reduce populations in these situations.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil
- Marginal Soil
- Productive Soil
- Early Vigor

**LGS4364E3**

**PRODUCT INFORMATION**

LGS4364E3 is a medium-tall plant with impressive yields and a uniform field appearance. Strong season-long, reliable agronomic characteristics, beginning with rapid emergence and ending with great standability. A dependable new product in this maturity.

- Strong yield performance from a medium-tall plant with excellent emergence and early vigor.
- Handles tough acres well.
- Resistance to SCN and Stem Canker; high scores against Septoria Leaf Spot, above average tolerance to SDS and PRR.
- Sulfonylurea-tolerant product that allows for planting in double-crop situations.

**PLANT CHARACTERISTICS**

- Flower Color
- Pubescence
- Plant Height
- Plant Type
- Pod Color
- Pubescence
- Plant Type
- Pod Color

**DISEASE RATINGS**

- Cyst Nematode Resistance
- Phytophthora Race Resistance
- Phytophthora Tolerance
- Brown Stem Rot
- Iron Deficiency Chlorosis
- Sudden Death
- Septoria Leaf Spot
- Charcoal Rot
- Stem Canker

**MANAGEMENT TIPS**

LGS4364E3 is easily adaptable to varying soil types and yield environments. Performs exceptionally well in tough growing environments, while still producing solid yields in more productive environments. Sulfonylurea tolerance furnishes herbicide options and has advantages for double-crop behind wheat. Seed treatments are beneficial for early plantings and wetter conditions as well as Salton® seed treatment for SDS management.

**MANAGEMENT PRACTICES**

- Poorly Drained Soil
- Marginal Soil
- Productive Soil
- Early Vigor
LGS4482XF

PRODUCT INFORMATION

LGS4482XF has great XtendFlex® soybean trait technology and is a great option in the Mid-Group IV maturity. An attractive plant with good standability that provides very stable yield performance.

- Boosts high yields as well as solid agronomic and performance.
- Medium statured plant type with good standability.
- Protection against Frogeye Leaf Spot, White Mold, Charcoal Rot and SDS. Resistance to Stem Canker, PRR and SCN.
- Very good emergence for early planting and early vigor allows for no-till adaptability.

PLANT CHARACTERISTICS

- Emergence: 8
- Standability: 7
- Hail Resistance: 8
- Plant Height: M
- Plant Type: M
- Pubescence: Lt. Tawny
- Flower Color: Purple
- Hilum: Black
- Pod Color: Brown

DISEASE RATINGS

- Cyst Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: Rrp6k
- Phytophthora Tolerance: 8
- Brown Stem Rot: N/A
- Iron Deficiency Chlorosis: N/A
- Sudden Death: 7
- Frogeye Leaf Spot: 7
- Charcoal Rot: 8
- Stem Canker: 9

MANAGEMENT TIPS

- Medium statured plant that maintains its yield well in all conditions and is especially strong in the low and moderate yield environments. Very good performance in clay and silty clay soils.

MANAGEMENT PRACTICES

- Poorly Drained Soil: 7
- Marginal Soil: 8
- Productive Soil: 8
- Adapt No-Till: 8
- Early Vigor: 8

4.4 RM

LGS4640XF

PRODUCT INFORMATION

LGS4640XF is broadly adapted east to west and furnishes top of the line performance. It brings multiple herbicide tolerance traits to aid in control of glyphosate resistant weeds.

- Yield potential is first in class for the maturity with very attractive harvest appearance.
- Excellent emergence with good standability when planted early.
- Good SDS scores, resistant to southern Stem Canker, SCN and has Rpy6 RPR tolerance.
- Excels for high salt tolerance, and is sulfonylurea tolerant, useful in double crop plantings.

PLANT CHARACTERISTICS

- Emergence: 8
- Standability: 8
- Hail Resistance: 8
- Plant Height: T
- Plant Type: MB
- Pubescence: Lt. Tawny
- Flower Color: Purple
- Hilum: Black
- Pod Color: Brown

DISEASE RATINGS

- Cyst Nematode Resistance: R3, MR14
- Phytophthora Race Resistance: Rrp6k
- Phytophthora Tolerance: 8
- Brown Stem Rot: N/A
- Iron Deficiency Chlorosis: N/A
- Sudden Death: 7
- Frogeye Leaf Spot: 7
- Charcoal Rot: N/A
- Stem Canker: 0

MANAGEMENT TIPS

- Suitable for double-crop or first crop. Manage height by lowering population for first crop plantings. Well suited to no till or early plantings with strong emergence. Being both sulfonylurea herbicide tolerant and a chloride excluder extends the range of planting environments where it can be used.

MANAGEMENT PRACTICES

- Poorly Drained Soil: 7
- Marginal Soil: 8
- Productive Soil: 7
- Adapt No-Till: 7
- Early Vigor: 8

4.6 RM
### LGS4778E3

**Product Information**

LGS4778E3 adds a versatile product in this maturity, performing strong across all regions and growing environments with high top-end yield.

- High yield potential on all soils with exceptional top-end performance in high yield environments.
- Medium-tall plants that maintain uniform and consistent height across environments.
- SCN and Stem Canker resistance with excellent Cercospora Leaf Blight tolerance.
- An excluder in high salt environments, superior stress tolerance and manageable height on clay soils.

**Lifetime Product**

- **Plant Type**
  - Shatter Resistance
  - Standability
  - Emergence
- **Plant Characteristics**
  - Height: MT
  - Plant Type: M
  - Flower Color: White
  - Pod Color: Brown
- **Management Practices**
  - Emergence: 9
  - Standability: 7
  - Shatter Resistance: N/A
  - Plant Height: MT
  - Plant Type: M
  - Flower Color: Lt. Tawny
  - Pod Color: Brown

**Disease Ratings**

- Cyst Nematode Resistance: S3, MR14
- Phytophthora Race Resistance: None
- Phytophthora Resistance: 7
- Brown Stem Rot: N/A
- Iron Deficiency Chlorosis: N/A
- Sclerotinia White Mold: N/A
- Sudden Death: 7
- Frogeye Leaf Spot: 8
- Charcoal Rot: N/A
- Stem Canker: 9

- Ratings: 9 = Excellent, 1 = Poor, N/A = Not Available

**Management Tips**

- Early vigor, medium-tall, consistent emergence in all environments.
- Strong performance in the Delta.
- Excluder in high salt environments.
- Excellent stress tolerance.
- Medium-tall stature.

**Soil Type**

- **Productive Soil**
  - Early Vigor: 8
- **Marginal Soil**
  - Shatter Resistance: N/A
  - Standability: 9
  - Emergence: 8
- **Saline Fields**
  - Shatter Resistance: N/A
  - Early Vigor: N/A

**Management Practices**

- **Soil Type**
  - Emergence: 9
  - Standability: 9
  - Shatter Resistance: 8
  - Plant Height: MT
  - Plant Type: M
  - Flower Color: White
  - Pod Color: Brown
  - Emergence: 9
  - Standability: 9
  - Shatter Resistance: 8
  - Plant Height: MT
  - Plant Type: M
  - Flower Color: Black
  - Pod Color: Brown

### LGS4808XF

**Product Information**

LGS4808XF has very competitive yields against major checks. It brings added herbicide modes of action to control tough weed species.

- Yield continues to increase proportionally vs. checks in the higher yield environment.
- Excellent emergence and no-till adaptation. Solid lodging performance.
- Average SDS tolerance, resistance to SCN and southern Stem Canker. Rps1a PRR resistance.
- Is sulfur tolerance tolerant, useful in double crop plantings.

**Plant Characteristics**

- **Height**
  - MT
- **Plant Type**
  - M
- **Flower Color**
  - White
- **Pod Color**
  - Brown
- **Emergence**
  - 9
- **Standability**
  - 9
- **Shatter Resistance**
  - 8
- **Plant Height**
  - MT
- **Plant Type**
  - M
- **Flower Color**
  - Lt. Tawny
- **Pod Color**
  - Brown

**Disease Ratings**

- Cyst Nematode Resistance: S3, MR14
- Phytophthora Race Resistance: Rps1a
- Phytophthora Resistance: 5
- Brown Stem Rot: N/A
- Iron Deficiency Chlorosis: N/A
- Sclerotinia White Mold: N/A
- Sudden Death: 6
- Frogeye Leaf Spot: N/A
- Charcoal Rot: N/A
- Stem Canker: 0

**Management Tips**

- High yield potential, performing strong across all regions and growing environments with high top-end yield.
- High yield potential on all soils with exceptional top-end performance in high yield environments.
- Medium-tall plants that maintain uniform and consistent height across environments.
- SCN and Stem Canker resistance with excellent Cercospora Leaf Blight tolerance.
- An excluder in high salt environments, superior stress tolerance and manageable height on clay soils.

**Soil Type**

- **Productive Soil**
  - Early Vigor: 8
- **Marginal Soil**
  - Shatter Resistance: 8
  - Standability: N/A
  - Emergence: N/A
- **Saline Fields**
  - Shatter Resistance: N/A
  - Early Vigor: N/A

**Management Practices**

- **Soil Type**
  - Emergence: 9
  - Standability: 9
  - Shatter Resistance: 8
  - Plant Height: MT
  - Plant Type: M
  - Flower Color: White
  - Pod Color: Brown
  - Emergence: 9
  - Standability: 9
  - Shatter Resistance: 8
  - Plant Height: MT
  - Plant Type: M
  - Flower Color: Black
  - Pod Color: Brown

**Soil Type**

- **Productive Soil**
  - Early Vigor: 8
- **Marginal Soil**
  - Shatter Resistance: 8
  - Standability: N/A
  - Emergence: N/A
- **Saline Fields**
  - Shatter Resistance: N/A
  - Early Vigor: N/A
C4845RX

**PRODUCT INFORMATION**

C4845RX is our most popular product in this maturity. The product has very high yield potential and is an excluder for salts.

- Very high yield potential, an excluder for salts, and has broad adaptation
- Medium in stature with excellent performance in the Delta, mid-south and East Coast
- Resistance to Stem Canker and SCN, along with excellent tolerance to PRR, SDS, Cercospora, and Frogeye Leaf Spot.
- High stress tolerance, height may shorten on clay soils.

**PLANT CHARACTERISTICS**

- **Emergence**: 9
- **Standability**: 9
- **Shatter Resistance**: 8
- **Plant Height**: M
- **Plant Type**: M
- **Foliar**: Purple
- **Hilum**: N/A
- **Pod Color**: Tan

**DISEASE RATINGS**

- **Cyst Nematode Resistance**: N/A
- **Phytophthora Race Resistance**: Rps1a
- **Phytophthora Tolerance**: 9
- **Brown Stem Rot**: N/A
- **Iron Deficiency Chlorosis**: N/A
- **Sclerotinia White Mold**: N/A
- **Sudden Death**: 8
- **Frogeye Leaf Spot**: N/A
- **Charcoal Rot**: N/A
- **Stem Canker**: 9

**MANAGEMENT TIPS**

Excellent adaptability to no-till and minimum tillage. Exhibits moderate resistance to Root Knot Nematodes. Adapted on all soils, plant height may shorten on clay soils. It is an excluder for salts, and adapts well across the mid-south and Delta.

**MANAGEMENT PRACTICES**

Plantly adapted for no-till and minimum tillage. Exhibits moderate resistance to Root Knot Nematodes. Adapted on all soils, plant height may shorten on clay soils. It is an excluder for salts, and adapts well across the mid-south and Delta.

**PLANT CHARACTERISTICS**

- **Emergence**: 8
- **Standability**: 8
- **Shatter Resistance**: 8
- **Plant Height**: T
- **Plant Type**: B
- **Foliar**: Purple
- **Hilum**: Black
- **Pod Color**: Brown

**DISEASE RATINGS**

- **Cyst Nematode Resistance**: N/A
- **Phytophthora Race Resistance**: Rps1a
- **Phytophthora Tolerance**: 7
- **Brown Stem Rot**: N/A
- **Iron Deficiency Chlorosis**: N/A
- **Sclerotinia White Mold**: N/A
- **Sudden Death**: 8
- **Frogeye Leaf Spot**: 7
- **Charcoal Rot**: N/A
- **Stem Canker**: 0

LGS4931RX

**PRODUCT INFORMATION**

LGS4931RX carries high yields across the west, lower Midwest, the Delta, and into the East Coast with superior agronomics and excellent disease characterizations.

- Stable, consistent top-end yields across the west and lower midwest regions.
- Bushy, branchy, taller profile, great emergence and standability.
- SCN, PRR and Southern Stem Canker resistance; handles Root Knot Nematode, SDS, Cercospora and Frogeye Leaf Spot.
- Exhibits a high level of stress tolerance.

**MANAGEMENT TIPS**

Well adapted to all row spacings. When planted in the Delta, prone on loams or mixed soils. Sulfonamide tolerant for use as a double crop behind wheat. Exhibits moderate resistance to Root Knot Nematodes.

**MANAGEMENT PRACTICES**

Poorly Drained Soil: 7
Marginal Soil: 8
Productive Soil: 9
Adapt No-Till: 8
Early Vigor: 8

**PLANT CHARACTERISTICS**

- **Emergence**: 8
- **Standability**: 8
- **Shatter Resistance**: 8
- **Plant Height**: T
- **Plant Type**: B
- **Foliar**: Purple
- **Hilum**: Black
- **Pod Color**: Brown

**DISEASE RATINGS**

- **Cyst Nematode Resistance**: R3, MR14
- **Phytophthora Race Resistance**: Rps1a
- **Phytophthora Tolerance**: 7
- **Brown Stem Rot**: N/A
- **Iron Deficiency Chlorosis**: N/A
- **Sclerotinia White Mold**: N/A
- **Sudden Death**: 8
- **Frogeye Leaf Spot**: 7
- **Charcoal Rot**: N/A
- **Stem Canker**: 0
**PRODUCT INFORMATION**

LGS4953E3 offers a rare combination of herbicide flexibility, defense and yield for those acres affected by Root Knot Nematodes that may be an issue in the Mississippi Delta and along the East Coast.

- **Yield potential** is very strong from medium-tall plants with good pod clustering and good standability.
- **Root Knot Nematode resistant.**
- **Defense package** includes protection against Frogeye Leaf Spot, Stem Canker and SCN, as well as excellent Centropora Leaf Blight scores.
- **Relatively bushy plant style** with adequate branching to fill wider rows.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Pod Color</td>
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**DISEASE RATINGS**

<table>
<thead>
<tr>
<th>Resistance</th>
<th>9 = Excellent</th>
<th>1 = Poor</th>
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<tr>
<td>Phytophthora Race Resistance</td>
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<td>N/A</td>
</tr>
<tr>
<td>Phytophthora Tolerance</td>
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<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Brown Stem Rot</td>
<td>N/A</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Iron Deficiency Chlorosis</td>
<td>N/A</td>
<td></td>
<td>N/A</td>
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<tr>
<td>Sclerotinia White Mold</td>
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<tr>
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</tr>
<tr>
<td>Charcoal Rot</td>
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<td>N/A</td>
</tr>
<tr>
<td>Stem Canker</td>
<td>9</td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

This product with the Enlist E3™ trait is designed for those acres where Root Knot Nematodes are an issue, but can also maintain adequate yield in non-Root Knot Nematode acres. LGS4953E3 carries specific resistance to Javacron and other Root Knot Nematode species for a wider spectrum of protection. This product offers good performance in traditional cotton environments where cotton yields may suffer. Seed treatments can improve protection against SDS and PMR.

**MANAGEMENT PRACTICES**

- Poorly Drained Soils: 7
- Marginal Soils: 9
- Productive Soils: 6
- Adapto-Tilt: 8
- Early Vigor: 8

**PRODUCT INFORMATION**

The optimal placement zone for LGS5580XF is the East Coast and Mid-South. A medium style plant with good standability and season-long attractive field appearance. It has shown strong yields across soil types and yield environments.

- **Indeterminate plant type** provides a much longer flowering window than determinate types for better stability of performance.
- **High ratings for SDS, Southern Stem Canker, and Frogeye Leaf Spot.**
- **No resistance to SCN, however there is low SCN pressure across most of the adapted region. Non SCN soybeans can express very high potential.**
- **Medium plant height with highly competitive yields against key checks.**

**PLANT CHARACTERISTICS**

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<td>Shatter Resistance</td>
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<td>Pod Color</td>
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**DISEASE RATINGS**

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<tbody>
<tr>
<td>Cyst Nematode Resistance</td>
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</tr>
<tr>
<td>Stem Canker</td>
<td>9</td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

**MANAGEMENT TIPS**

Versatile product that can be planted first crop or used later season as a double crop. Caution if the previous wheat crop had a sulfonylurea herbicide application. LGS5580XF does not have STS tolerance. It has major PRR gene resistance along with great emergence scores, making it a great option for early planting when using a seed treatment. Wonderful adaptation to soil types and yield environments.

**MANAGEMENT PRACTICES**

- Poorly Drained Soils: 8
- Marginal Soils: 9
- Productive Soils: 8
- Adapto-Tilt: 8
- Early Vigor: 8
For more than 65 years, Golden Acres Genetics has been breaking ground in grain and forage sorghum and will remain the exclusive sorghum brand for LG Seeds. Time-tested and field-proven, our products have consistently produced high-quality sorghum crops in diverse and demanding environments. It’s a legacy of which we are especially proud.

PRODUCT PERFORMANCE

- Yield-packing brown midrib (BMR) hybrid featuring the Brachytic Dwarf trait for shortened internodes.
- Very compact, leafy plant with excellent standability and yield potential.
- Delivers high-quality, highly digestible forage, not recommended for grain.

AGRONOMIC CHARACTERISTICS

<table>
<thead>
<tr>
<th>Sugar Cane Aphid</th>
<th>25 - 30</th>
<th>Yes</th>
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<tbody>
<tr>
<td>Jucy</td>
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<tr>
<td>Male Sterile</td>
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<td>Yes</td>
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<tr>
<td>Brown Midrib</td>
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<td>Yes</td>
</tr>
<tr>
<td>Brachytic Dwarf</td>
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</table>

PLANT CHARACTERISTICS

- Maturity: Medium
- Plant Height: 6 - 7
- Approximate Seeds Per LB: 18 Gk
- Standability: 6
- Disease Resistance: 6

SEEDING RATES

<table>
<thead>
<tr>
<th>Haying (row)</th>
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<tbody>
<tr>
<td>Haying (broadcast/drill)</td>
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<tr>
<td>Grazing (row)</td>
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<td>Grazing (broadcast/drill)</td>
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<tr>
<td>Slage</td>
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</tr>
<tr>
<td>Cover Crop</td>
<td>25 - 30</td>
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</tbody>
</table>

Sugarcane aphid tolerant addition to the Golden Acres® forage lineup.

- Delivers excellent tonnage and performs well under limited or fully irrigated western environments.
- Highly palatable forage with very good grain to stover ratio.
- Harvested at soft dough for best combination of tonnage and quality, approximately 90-105 days after emergence.

Forage Sorghum

Sugarcane Aphid: Yes

<table>
<thead>
<tr>
<th>Gran Uptake</th>
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<tbody>
<tr>
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<tr>
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<td>Standability</td>
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<td>Slage</td>
<td>8 - 12</td>
</tr>
<tr>
<td>Cover Crop</td>
<td>N/A</td>
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</table>

AGRONOMIC CHARACTERISTICS

<table>
<thead>
<tr>
<th>Sugar Cane Aphid</th>
<th>25 - 30</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jucy</td>
<td>6</td>
<td>Yes</td>
</tr>
<tr>
<td>Sugar Content</td>
<td>7</td>
<td>Yes</td>
</tr>
<tr>
<td>Grain Stover Rate</td>
<td>8</td>
<td>Yes</td>
</tr>
<tr>
<td>Male Sterile</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Brown Midrib</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Brachytic Dwarf</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Sugarcane aphid tolerant addition to the Golden Acres® forage lineup.

- Delivers excellent tonnage and performs well under limited or fully irrigated western environments.
- Highly palatable forage with very good grain to stover ratio.
- Harvested at soft dough for best combination of tonnage and quality, approximately 90-105 days after emergence.

Sugarcane Aphid: Yes

<table>
<thead>
<tr>
<th>Gran Uptake</th>
<th>12</th>
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<tbody>
<tr>
<td>Plant Height</td>
<td>Medium</td>
</tr>
<tr>
<td>Maturity</td>
<td>6 - 10</td>
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<tr>
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<tr>
<td>Standability</td>
<td>8</td>
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<tr>
<td>Disease Resistance</td>
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SEEDING RATES

<table>
<thead>
<tr>
<th>Haying (row)</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haying (broadcast/drill)</td>
<td>N/A</td>
</tr>
<tr>
<td>Grazing (row)</td>
<td>N/A</td>
</tr>
<tr>
<td>Grazing (broadcast/drill)</td>
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<tr>
<td>Slage</td>
<td>8 - 12</td>
</tr>
<tr>
<td>Cover Crop</td>
<td>N/A</td>
</tr>
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</table>
**Ton-A-Milk**

*Forage Sorghum*

For more than 65 years, Golden-Acres Genetics has been breaking ground in grain and forage sorghum and will remain the exclusive sorghum brand for LG Seeds. Time-tested and field-proven, our products have consistently produced high-quality sorghum crops in diverse and demanding environments. It’s a legacy of which we are especially proud.

**PRODUCT PERFORMANCE**

- Delivers an exceptional grain-to-stover ratio.
- Excellent standability, drought tolerance and good disease protection make this a multi-planted forage product.
- Late-planted plant height makes for greater yield potential.
- Harvested at soft dough for best combination of tonnage and quality, approximately 105-110 days after emergence.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maturity</td>
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<td>Plant Height</td>
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<td>Standability</td>
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<td>Disease Resistance</td>
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**AGRONOMIC CHARACTERISTICS**

<table>
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<tr>
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<td>Sugar Content</td>
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<td>Grain Stover Yield</td>
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<tr>
<td>Main Stalk</td>
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<tr>
<td>Brown Milkbrot</td>
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<td>Brachytic Dwarf</td>
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**SEEDING RATES**

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<td>Grazing (row)</td>
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<td>Grazing (broadcast/drill)</td>
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<td>Slage</td>
<td>8 - 12</td>
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<tr>
<td>Cover Crop</td>
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**DISEASE RATINGS**

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<thead>
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</thead>
<tbody>
<tr>
<td>MDMV</td>
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<tr>
<td>Anthracnose</td>
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<td>Greenbug Resistance</td>
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<table>
<thead>
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<tbody>
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<tbody>
<tr>
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</table>


**1510C**

*Grain Sorghum*

For more than 65 years, Golden-Acres Genetics has been breaking ground in grain and forage sorghum and will remain the exclusive sorghum brand for LG Seeds. Time-tested and field-proven, our products have consistently produced high-quality sorghum crops in diverse and demanding environments. It’s a legacy of which we are especially proud.

**PRODUCT PERFORMANCE**

- Excellent early option for western KS, NE and northeast CO.
- High yields for an early maturity product with excellent agronomics and drought tolerance.
- Good tolerance to sugarcane aphids, and good performance on high pH soils.
- Excellent option for drilling into narrow rows.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Value</th>
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</thead>
<tbody>
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**AGRONOMIC CHARACTERISTICS**

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**DISEASE RATINGS**

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<table>
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<tr>
<th>Head Type</th>
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</thead>
<tbody>
<tr>
<td>Canker</td>
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</table>
H-390W
Grain Sorghum

For more than 65 years, Golden Acres Genetics has been breaking ground in grain and forage sorghum and will remain the exclusive sorghum brand for LG Seeds. Time-tested and field-proven, our products have consistently produced high-quality sorghum crops in diverse and demanding environments. It’s a legacy of which we are especially proud.

PRODUCT PERFORMANCE
- Consistent performance from a uniform medium-early hybrid.
- Durable hybrid best adapted to dryland areas, except in stress conditions.
- Excellent drought tolerance and standability under high stress conditions.
- Cream-colored grain with good threshability on semi-open heads.

AGRONOMIC CHARACTERISTICS

STANDABILITY

Drought Tolerance

Head Type

Head Exsertion

DISEASE RATINGS

Smut

Anthracnose

Downy Mildew - Pathogen 1 & 2

Downy Mildew - Pathogen 3

Greenbug Resistance

Sugar Cane Aphid

PRODUCT PERFORMANCE

• Excellent staygreen and standability.
• Well adapted to western high stress environments.
• Excellent drought tolerance.
• High yielding in this maturity range.

PLANT CHARACTERISTICS

Maturity

Days to Mid-Bloom

Plant Height

Color

Approximate Seeds Per LB

APPROXIMATE SEEDS PER LB

14.5k

2620C
Grain Sorghum

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PRODUCT PERFORMANCE

• Excellent staygreen and standability.
• Well adapted to western high stress environments.
• Excellent drought tolerance.
• High yielding in this maturity range.

PLANT CHARACTERISTICS

Maturity

Days to Mid-Bloom

Plant Height

Color

Approximate Seeds Per LB

APPROXIMATE SEEDS PER LB

15.0k

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
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<th>3</th>
<th>4</th>
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<tr>
<td>Head Exsertion</td>
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<td>C</td>
<td>C</td>
<td>C</td>
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</tr>
</tbody>
</table>

CHARACTERISTICS ARE EVALUATED BASED ON COMPARISONS WITH GOLDEN ACRES GENETICS® PRODUCTS AND COMPETITIVE PRODUCTS THROUGH IN-HOUSE FIELD TESTING. PERFORMANCE MAY VARY BASED ON LOCATION AND OTHER VARIABLES SUCH AS WEATHER, SOIL, AND NUTRIENT CONDITIONS. SORGHUM IS A RELATIVE OF MAIZE AND IS SUSCEPTIBLE TO MAIZE-DERIVED PATHOGENS. AS A PRECAUTIONARY MEASURE, SORGHUM SEEDS SHOULD BE TREATED WITH A LIQUID FUNGICIDE OR SEQUENCE FUNGICIDE TO PROTECT AGAINST FUNGAL PATHOGENS, SUCH AS SOYbean RUST, AND TO REDUCE THE RISK OF DISEASE DEVELOPMENT DURING THE SEEDLING STAGE.
2730B
Grain Sorghum

For more than 65 years, Golden Acres Genetics has been breaking ground in grain and forage sorghum and will remain the exclusive sorghum brand for LG Seeds. Time-tested and field-proven, our products have consistently produced high-quality sorghum crops in diverse and demanding environments. It’s a legacy of which we are especially proud.

PRODUCT PERFORMANCE

- Uniform plant with good head exsertion at harvest.
- Good selection for late planting and double cropping.
- Adapted to western high stress environments.
- Strong yield for its maturity.

PLANT CHARACTERISTICS

- Maturity: Medium-Early
- Days to Mid-Bloom: 58 - 60
- Plant Height: 42 - 46
- Color: Bronze
- Approximate Seeds Per LB: 14.5k

DISEASE RATINGS

- Sclerotinia: 5
- Anthracnose: N/A
- MDMV: N/A
- Downy Mildew - Pathogen 1 & 2: N/A
- Downy Mildew - Pathogen 3: N/A
- Greenbug Resistance: N/A
- Sugar Cane Aphid: AM

AGRONOMIC CHARACTERISTICS

- Standability: 7
- Drought Tolerance: 8
- Head Type: 5
- Head Exsertion: 5

PRODUCT PERFORMANCE

- Impressive yield in the medium-early maturity range.
- Well suited for favorable dryland acres or under limited irrigation.

AGRONOMIC CHARACTERISTICS

- Standability: 5
- Drought Tolerance: 6
- Head Type: 5
- Head Exsertion: AM

2840B
Grain Sorghum

For more than 65 years, Golden Acres Genetics has been breaking ground in grain and forage sorghum and will remain the exclusive sorghum brand for LG Seeds. Time-tested and field-proven, our products have consistently produced high-quality sorghum crops in diverse and demanding environments. It’s a legacy of which we are especially proud.

PRODUCT PERFORMANCE

- Uniform plant with good head exsertion at harvest.
- Good selection for late planting and double cropping.
- Adapted to western high stress environments.
- Strong yield for its maturity.

PLANT CHARACTERISTICS

- Maturity: Medium-Early
- Days to Mid-Bloom: 60 - 64
- Plant Height: 44 - 48
- Color: Bronze
- Approximate Seeds Per LB: 14.5k

DISEASE RATINGS

- Sclerotinia: 7
- Anthracnose: 5
- MDMV: 4
- Downy Mildew - Pathogen 1 & 2: 4
- Downy Mildew - Pathogen 3: 3
- Greenbug Resistance: N/A
- Sugar Cane Aphid: MT

AGRONOMIC CHARACTERISTICS

- Standability: 5
- Drought Tolerance: 6
- Head Type: 5
- Head Exsertion: AM

PRODUCT PERFORMANCE

- Impressive yield in the medium-early maturity range.
- Well suited for favorable dryland acres or under limited irrigation.

AGRONOMIC CHARACTERISTICS

- Standability: 5
- Drought Tolerance: 6
- Head Type: 5
- Head Exsertion: AM

Characteristics are assigned by LG Seeds based on comparisons after Golden Acres Genetics® products (not competitive products) through in-house field testing. Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.
2950B
Grain Sorghum

For more than 65 years, Golden-Acres Genetics has been breaking ground in grain and forage sorghum and will remain the exclusive sorghum brand for LG Seeds. Time-tested and field-proven, our products have consistently produced high-quality sorghum crops in diverse and demanding environments. It’s a legacy of which we are especially proud.

**PRODUCT PERFORMANCE**
- High yield potential under limited irrigation or on moderate to favorable dry land
- Very good tolerance to the sugarcane aphid. Excellent companion product to 3960B
- Well adapted across soil types with good agronomics and stay-green.
- Compact head type with a good exsertion for harvest.

**PLANT CHARACTERISTICS**
- Maturity: Medium-Early
- Days to Mid-Bloom: 58 - 60
- Plant Height: 32 - 37
- Color: Bronze
- Approximate Seeds Per LB: 14.0

**AGRONOMIC CHARACTERISTICS**
- Standability: 8
- Drought Tolerance: 9
- Head Type: 8
- Head Exsertion: 6

**DISEASE RATINGS**
- Sugar Cane Aphid: N/A
- Downy Mildew - Pathogen 1 & 2: N/A
- Downy Mildew - Pathogen 3: N/A
- Greenbug Resistance: N/A
- Anthracnose: N/A
- Smut: N/A

3180B
Grain Sorghum

For more than 65 years, Golden-Acres Genetics has been breaking ground in grain and forage sorghum and will remain the exclusive sorghum brand for LG Seeds. Time-tested and field-proven, our products have consistently produced high-quality sorghum crops in diverse and demanding environments. It’s a legacy of which we are especially proud.

**PRODUCT PERFORMANCE**
- Appropriate Management Needed
- Medium
- Maturity: Medium
- Days to Mid-Bloom: 67 - 69
- Plant Height: 44 - 48
- Color: Bronze
- Approximate Seeds Per LB: N/A

**PLANT CHARACTERISTICS**
- Maturity: Medium
- Days to Mid-Bloom: 67 - 69
- Plant Height: 44 - 48
- Color: Bronze
- Approximate Seeds Per LB: N/A

**AGRONOMIC CHARACTERISTICS**
- Standability: 8
- Drought Tolerance: 9
- Head Type: 8
- Head Exsertion: 6

**DISEASE RATINGS**
- Sugar Cane Aphid: N/A
- Downy Mildew - Pathogen 1 & 2: N/A
- Downy Mildew - Pathogen 3: N/A
- Greenbug Resistance: N/A
- Anthracnose: N/A
- Smut: N/A
Grain Sorghum

For more than 65 years, Golden Acres Genetics has been breaking ground in grain and forage sorghum and will remain the exclusive sorghum brand for LG Seeds. Time-tested and field-proven, our products have consistently produced high-quality sorghum crops in diverse and demanding environments. It’s a legacy of which we are especially proud.

PRODUCT PERFORMANCE
• Shown exceptional tolerance to sugarcane aphid
• Open headed with good weathering resistance
• Excellent staygreen and standability
• Excellent choice in marginal dryland environments or under limited irrigation

PLANT CHARACTERISTICS
Maturity
Medium

Days to Mid-Bloom
58 - 72

Plant Height
42 - 46

Color
Bronze

Approximate Seeds Per lb
15.0k

DISEASE RATINGS
Smut
7

Anthracnose
5

MOW
7

Downy Mildew - Pathogen 1 & 2
7

Downy Mildew - Pathogen 3
7

Greenbug Resistance
7

Sugar Cane Aphid
7

AGRONOMIC CHARACTERISTICS

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
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<tbody>
<tr>
<td>Standability</td>
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<td>6</td>
</tr>
<tr>
<td>Head Exsertion</td>
<td>5</td>
</tr>
</tbody>
</table>

PRODUCT PERFORMANCE
• High-yielding hybrid provides excellent uniformity and attractive field performance
• Widely adapted, particularly to irrigated and favorable dryland acres
• Red colored grain with good weathering characteristics
• A good companion to 3020B with sugarcane aphid tolerance

PLANT CHARACTERISTICS
Maturity
Medium-Late

Days to Mid-Bloom
69 - 74

Plant Height
46 - 52

Color
Red

Approximate Seeds Per lb
15.8k

DISEASE RATINGS
Smut
7

Anthracnose
5

MOW
7

Downy Mildew - Pathogen 1 & 2
7

Downy Mildew - Pathogen 3
7

Greenbug Resistance
7

Sugar Cane Aphid
7

AGRONOMIC CHARACTERISTICS

<table>
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<td>4</td>
</tr>
<tr>
<td>Head Exsertion</td>
<td>5</td>
</tr>
</tbody>
</table>
PRODUCT CHARACTERISTICS

- Dependable variety that performs well across various cropping systems.
- Great for growers looking to manage input costs while still demanding a competitive variety for their alfalfa acres.
- Offers good pest and disease tolerance against key yield-robbing factors.
- Adapts well to a wide range of environments.

PERFORMANCE & QUALITY

- Hi-Gest® alfalfa technology improves the rate and extent of fiber digestibility for enhanced animal performance.
- A product of conventional plant breeding: HG4001 maintains the yield, persistence and multiple pest resistance packages of today’s elite commercial varieties.
- Very winterhardy with superior fall dormancy, high disease resistance and multitude expression.
- Very fast recovery following harvest. HG4001 stands well and exhibits good lodging tolerance.

PLANT CHARACTERISTICS

- Fall Dormancy: 3.5
- Multistate Expression: N/A
- Winter Hardiness Index: 2

AGRONOMIC CHARACTERISTICS

- Anthracnose: HR
- Aphomomyces Race 1: HR
- Aphomomyces Race 2: N/A
- Bacterial Wilt: HR
- Fusarium Wilt: HR
- Phytophthora Root Rot: HR
- Verticillium Wilt: R
- Blue Alfalfa Aphid: N/A
- Pea Aphid: N/A
- Cow Pea Aphid: N/A
- Spotted Alfalfa Aphid: N/A
- Southern Root Rot Nematode: N/A
- Northern Root Rot Nematode: N/A
- Stem Nematode: N/A

Performance & Yield

- HG4001 is a non-dormant variety that can be planted wherever dormant varieties are appropriate: having a high leaf-to-stem ratio, the plant stature is medium-tall with a full and dense canopy.
- Higher forage quality can be obtained with producer’s normal harvest schedule.
- Extending the harvest interval will maintain forage quality and increase yield.

Hi-Gest® Varieties vs Competitive Dormant Alfalfa Varieties

<table>
<thead>
<tr>
<th>Harvest Interval</th>
<th>CP</th>
<th>RFV</th>
<th>RFQ</th>
<th>TDN</th>
<th>NDF</th>
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<th>SD</th>
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<td>6%</td>
<td>5%</td>
<td>7%</td>
<td>10%</td>
<td>12%</td>
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<td>@ 35 days</td>
<td>8%</td>
<td>6%</td>
<td>14%</td>
<td>9%</td>
<td>3%</td>
<td>13%</td>
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Camas

**PRODUCT CHARACTERISTICS**

- Fall dormancy 4 variety, ideally adapted to the western half of the US.
- Very high yield potential compared to commercial checks.
- Impressive health with resistance to seven major pests or diseases.
- Disease resistance index is 30 out of 30.

**PERFORMANCE & QUALITY**

- Very high yielding compared to checks in research testing.

**PLANT CHARACTERISTICS**

- Foliage Quality
- Winter Hardiness Index

**PERFORMANCE & QUALITY**

- High level of milk per acre with excellent forage quality.
- Medium maturity to one-tenth flower and has fast recovery after cutting.
- Handles aggressive cutting schedules for both haylage and dry hay systems.

**PRODUCT CHARACTERISTICS**

- Provides maximum tonnage and excellent forage quality throughout the entire growing season.
- Provides a long, productive stand life with high persistence and strong winterhardiness.
- Superior disease characteristics that include resistance to Aphanomyces Race 2 root rot.
- Broadly adapted to a wide range of environments and soil types.

**PLANT CHARACTERISTICS**

- Fall Dormancy
- Winter Hardness Index

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**AGRONOMIC CHARACTERISTICS**

- **HybriForce-3400**
  - Pioneer 55Q27
  - Pioneer 55V50
  - Pioneer 54V09
  - Masterpiece II

- **Pioneer 54Q14**
  - Tochet WA
  - Camas

- **Liapis**
  - Camas

- **Entry**
  - 4C100

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**2011-2015 Yield Data - Camas Alfalfa**

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**Yield and Quality Comparisons - 4C100**

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Scores, characteristics, data and data charts are determined by LG Seeds based on information provided by Alforex Seeds and Forage Genetics International LLC. Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.
PRODUCT CHARACTERISTICS

- Somewhat winterhardy with very fast recovery after harvest and superior fall dormancy.
- Moderate multifoliate expression.
- High disease resistance.

PERFORMANCE & QUALITY

- Wide window of harvest opportunity without sacrificing quality.
- Persistence over the life of the stand is significantly higher in the 3rd and 4th year compared to checks in testing.
- Growers will enjoy improved alfalfa establishment, crop safety, and longer stand persistence.

PLANT CHARACTERISTICS

Fall Dormancy 4.1
Multifoliate Expression 0.73
Winter Hardiness Index 2.5

PLANT CHARACTERISTICS

1 = Extremely Winterhardy  HR = High Resistance
2 = Very Winterhardy  R = Resistance
3 = Winterhardy  NR = Not Rated
4 = Moderately Winterhardy  N/A = Not Available
5 = Slightly Winterhardy
6 = Non-Winterhardy

AGRONOMIC CHARACTERISTICS

Anthraxnose  HR
Aphanomyces Race 1  HR
Aphanomyces Race 2  N/A
Bacterial Wilt  HR
Fusarium Wilt  HR
Phytophthora Root Rot  HR
Verticillium Wilt  HR
Blue Alfalfa Aphid  N/A
Pea Aphid  N/A
Coe Pea Aphid  N/A
Spotted Alfalfa Aphid  HR
Southern Root Rot Nematode  N/A
Northern Root Rot Nematode  N/A
Stern Nematode  HR

AGRONOMIC CHARACTERISTICS

Anthraxnose  HR
Aphanomyces Race 1  HR
Aphanomyces Race 2  N/A
Bacterial Wilt  HR
Fusarium Wilt  HR
Phytophthora Root Rot  HR
Verticillium Wilt  HR
Blue Alfalfa Aphid  N/A
Pea Aphid  N/A
Coe Pea Aphid  N/A
Spotted Alfalfa Aphid  HR
Southern Root Rot Nematode  N/A
Northern Root Rot Nematode  N/A
Stern Nematode  HR

2-Year Forage Quality Data - 4R300 Alfalfa

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2-Year Forage Quality Data - 4HVXR100 Alfalfa

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PRODUCT CHARACTERISTICS

- The HarvXtra® alfalfa trait maximizes quality by reducing lignin content.
- Gives growers the ability to better manage the yield-versus-quality tradeoff.
- Superior fall dormancy with resistance to multiple pests.
- HarvXtra® alfalfa also includes Roundup Ready® technology for unsurpassed weed control with excellent crop safety.

PERFORMANCE & QUALITY

- HarvXtra® alfalfa provides, on average, 14 - 18% higher relative forage quality (RFQ) and Neutral Detergent Fiber Digestibility (NDFD) across cuttings than conventional varieties harvested at the same stage of maturity.
- Fewer cuttings have the potential for more yield over time, less stress and lower harvesting costs. The HarvXtra® alfalfa trait lets growers delay harvesting for 7 to 10 days to increase tonnage without sacrificing yield quality.
- Growers can achieve at least 20% higher yield potential by delaying harvest at 35-day cutting intervals.
PRODUCT CHARACTERISTICS

- Advanced genetics with industry-leading technology makes this product an elite variety in both yield and quality.
- Very winterhardy and superior fall dormancy.
- High disease resistance and multifoliate expression leading to enhanced forage quality.
- Dark green variety with fine stems, relatively large leaves and a high multifoliate expression.

PERFORMANCE & QUALITY

- Seedling vigor is average to slightly above average and once established, 9200RR will produce quality alfalfa to please growers.
- Very fast recovery following harvest. Best adapted to 4-5 cuttings, but could be managed for three crops.
- Growers will enjoy improved alfalfa establishment, crop safety and longer stand persistence.

PLANT CHARACTERISTICS

Fall Dormancy
Winter Hardiness Index = 4.2
Multifoliate Expression = 0.83

1 = Extremely Winterhardy
2 = Very Winterhardy
3 = Winterhardy
4 = Moderately Winterhardy
5 = Slightly Winterhardy
6 = Non-Winterhardy

166
PRODUCT CHARACTERISTICS

- Standleaf® Alfalfa with Fast Growth advantage offers up to 30% faster recovery compared to other competitive alfalfas.
- Developed from crossing tall, fast-growing European alfalfas with elite North American genetics and was screened for high yield potential, superb winter hardiness and high forage quality.
- Disease package is strong and can be placed across a broad range of geographies and soil types.

PERFORMANCE & QUALITY

- Ideally suited for hay growers looking to maximize total forage yield each season under intensive cutting schedules.
- Canopy closure suppresses weeds quickly and keeps moisture in the soil for future growth.
- Tall, robust, dark green plants that grow up three to five days ahead of other alfalfa products. Fewer days to maturity allows for quicker harvest turnaround.

PLANT CHARACTERISTICS

- Fall Dormancy: 5
- Multifoliate Expression: 0.6
- Winter Hardiness Index: 1.8

AGRONOMIC CHARACTERISTICS

- Anthracnose: HR
- Aphomomyces Race 1: HR
- Aphomomyces Race 2: R
- Bacterial Wilt: HR
- Fusarium Wilt: HR
- Phytophthora Root Rot: R
- Verticillium Wilt: HR
- Blue Alfalfa Aphid: N/A
- Pea Aphid: N/A
- Cow Pea Aphid: N/A
- Spotted Alfalfa Aphid: N/A
- Southern Root Rot Nematode: N/A
- Northern Root Rot Nematode: N/A
- Stem Nematode: N/A

5C400

2018 West Salem, WI - 5C400 Alfalfa

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2010-2012 Yield Data - 5C400 Alfalfa

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PRODUCT CHARACTERISTICS

- Produces quality alfalfa to please growers.
- Somewhat winterhardy with excellent fall dormancy.
- High multifoliate expression.

PERFORMANCE & QUALITY

- Biggest advantage will occur in the seeding year due to better establishment, less weeds, higher yields and improved quality.
- Good persistence over three to four years of testing - performance shows 5R300 is an elite variety in yield and quality.
- Growers will enjoy improved alfalfa establishment, crop safety, and longer stand persistence.

AGRONOMIC CHARACTERISTICS

- Anthracnose: HR
- Aphomomyces Race 1: HR
- Aphomomyces Race 2: N/A
- Bacterial Wilt: HR
- Fusarium Wilt: HR
- Phytophthora Root Rot: R
- Verticillium Wilt: HR
- Blue Alfalfa Aphid: N/A
- Pea Aphid: N/A
- Cow Pea Aphid: N/A
- Spotted Alfalfa Aphid: HR
- Southern Root Rot Nematode: N/A
- Northern Root Rot Nematode: N/A
- Stem Nematode: HR

5R300

2018 West Salem, WI - 5R300 Alfalfa

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PRODUCT CHARACTERISTICS
- eXterra Alfalfa with Fast Growth advantage offers up to 30% faster recovery compared to other competitive alfalfas.
- Developed from crossing tall, fast-growing European alfalfas with elite North American genetics and was screened for high yield potential, superior winter hardiness and high forage quality.
- Widely adapted across a broad range of geographies and soil types.

PERFORMANCE & QUALITY
- eXterra is ideally suited for hay growers looking to maximize total forage yield each season under intensive cutting schedules.
- Larger second, third, fourth and fifth cuttings maximizes each season’s total yield.
- Quick canopy closure naturally suppresses weed competition and conserves soil moisture for crop growth.

AGRONOMIC CHARACTERISTICS
- Anthracnose... HR
- Aphymovirus Race 1... HR
- Aphymovirus Race 2... N/A
- Bacterial Wilt... HR
- Fusarium W. HR
- Phytophthora Root Rot... HR
- Verticillium Wilt... HR
- Blue Alfalfa Aphid... N/A
- Pea Aphid... R
- Cow Pea Aphid... N/A
- Spotted Alfalfa Aphid... R
- Southern Root Rot Nematode... N/A
- Northern Root Rot Nematode... N/A
- Stem Nematode... R

PLANT CHARACTERISTICS
- Fall Dormancy... 5
- Multistate Expression... N/A
- Winter Hardiness Index... 15

1 = Extremely Winterhardy
2 = Very Winterhardy
3 = Winterhardy
4 = Moderately Winterhardy
5 = Slightly Winterhardy
6 = Non-Winterhardy

Scores, characteristics, data and data checks are determined by LG Seeds based on information provided by LG Seeds and Foreign Breeder(s) International U.S. Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may consider the impacts of these conditions on the grower’s fields.

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2014-15 Yield Data - 6R200 Alfalfa

<table>
<thead>
<tr>
<th>Variety</th>
<th>2015 Dows, CA</th>
<th>2015 Lee Ross, CA</th>
<th>2016 Dows, CA</th>
</tr>
</thead>
<tbody>
<tr>
<td>6R200</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Integra 8800</td>
<td>99%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HybriForce 2320</td>
<td>97%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HybriForce 2520</td>
<td>95%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SW 9720</td>
<td>99%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HybriForce 2600</td>
<td>99%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deka 1380</td>
<td>93%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bred2013</td>
<td>99%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PRODUCT CHARACTERISTICS
- Newest class of genetics for semi-dormant alfalfa growing areas.
- High resistance or resistance to major insects or diseases.
- Germinating seedlings have tolerance to salt.

AGRONOMIC CHARACTERISTICS
- Anthracnose... HR
- Aphymovirus Race 1... R
- Aphymovirus Race 2... R
- Bacterial Wilt... HR
- Fusarium W. HR
- Phytophthora Root Rot... R
- Verticillium Wilt... R
- Blue Alfalfa Aphid... HR
- Pea Aphid... N/A
- Cow Pea Aphid... N/A
- Spotted Alfalfa Aphid... N/A
- Southern Root Rot Nematode... N/A
- Northern Root Rot Nematode... N/A
- Stem Nematode... HR

1 = Extremely Winterhardy
2 = Very Winterhardy
3 = Winterhardy
4 = Moderately Winterhardy
5 = Slightly Winterhardy
6 = Non-Winterhardy

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2013-14 Yield Data - 6R200 Alfalfa

<table>
<thead>
<tr>
<th>Variety</th>
<th>2014 Dows, CA</th>
</tr>
</thead>
<tbody>
<tr>
<td>6R200</td>
<td>100%</td>
</tr>
<tr>
<td>Integra 8800</td>
<td>99%</td>
</tr>
<tr>
<td>HybriForce 2320</td>
<td>97%</td>
</tr>
<tr>
<td>HybriForce 2520</td>
<td>95%</td>
</tr>
<tr>
<td>SW 9720</td>
<td>99%</td>
</tr>
<tr>
<td>HybriForce 2600</td>
<td>99%</td>
</tr>
<tr>
<td>Deka 1380</td>
<td>93%</td>
</tr>
<tr>
<td>Bred2013</td>
<td>99%</td>
</tr>
</tbody>
</table>
**PRODUCT CHARACTERISTICS**

- Adapted to primarily semi-dormant and non-dormant zones of the western and southwestern regions. Higher fall dormancy varieties tend to turn green faster in the spring and continue growing later in the fall.
- This extra growth period could make the difference when attempting to gain one additional cutting during the growing season.
- Can handle an aggressive cutting schedule. Fast recovery following harvest.
- Excellent stand persistence and excellent leaf retention.

**PERFORMANCE & QUALITY**

- 7C300 produces quality alfalfa with an upright growth habit and exhibits moderately fine stems early in the season and fine-textured stems in the later summer.
- The past resistance shown by this variety will help negate the reduced yield, forage quality and stand persistence that could occur when these pests infest alfalfa.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Fall Dormancy</th>
<th>Winter Hardiness</th>
</tr>
</thead>
<tbody>
<tr>
<td>7C300</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**AGRONOMIC CHARACTERISTICS**

- Antennacea
- Aphomenomyces Race 1: N/A
- Aphomenomyces Race 2: N/A
- Bacterial Wilt: HR
- Fusarium Wilt: N/A
- Phytophthora Root Rot: HR
- Verticillium: HR
- Blue Alfalfa Aphid: N/A
- Pea Aphid: N/A
- Cow Pea Aphid: N/A
- Spotted Alfalfa Aphid: HR
- Southern Root Rot Nematode: N/A
- Cyst Nematode: HR

**PRODUCT CHARACTERISTICS**

- The HarvXtra® Alfalfa trait maximizes forage quality and digestibility by reducing lignin content.
- Gives alfalfa growers the ability to better manage the yield-versus-quality tradeoff.
- Superior fall dormancy with multiple pest resistance.
- HarvXtra® Alfalfa also includes Roundup Ready® Technology for unsurpassed weed control with excellent crop safety.

**PERFORMANCE & QUALITY**

- 840HVXRR has reduced lignin in the plant, resulting from a genetically enhanced alfalfa technology that maximizes quality over conventional alfalfa at the same stage of maturity.
- Growers can maintain their normal harvest schedule for higher-quality forage, or delay harvest for 5-7 days for increased yield potential without sacrificing forage quality.
- Delaying harvest can decrease the number of cuttings, reduce harvest costs and potentially improve the life of the alfalfa stand.

**PLANT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Fall Dormancy</th>
<th>Winter Hardiness</th>
</tr>
</thead>
<tbody>
<tr>
<td>840HVXRR</td>
<td>7.9</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**AGRONOMIC CHARACTERISTICS**

- Antennacea
- Aphomenomyces Race 1: N/A
- Aphomenomyces Race 2: N/A
- Bacterial Wilt: R
- Fusarium Wilt: HR
- Phytophthora Root Rot: R
- Verticillium: N/A
- Blue Alfalfa Aphid: N/A
- Pea Aphid: N/A
- Cow Pea Aphid: N/A
- Spotted Alfalfa Aphid: R
- Southern Root Rot Nematode: N/A
- Cyst Nematode: R

**PRODUCT CHARACTERISTICS**

- 2012 and 2015 Yield Data - 7C300 Alfalfa

<table>
<thead>
<tr>
<th>Competitor Brand</th>
<th>2012 CA Dovis-1</th>
<th>2012 CA Dovis-2</th>
<th>2012 CA Dovis-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>7C300</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Hybriforce 2610</td>
<td>97%</td>
<td>92%</td>
<td>97%</td>
</tr>
<tr>
<td>Hybriforce 420</td>
<td>97%</td>
<td>92%</td>
<td>97%</td>
</tr>
<tr>
<td>WSP552R</td>
<td>90%</td>
<td>92%</td>
<td>90%</td>
</tr>
<tr>
<td>LGTC300</td>
<td>91%</td>
<td>92%</td>
<td>91%</td>
</tr>
<tr>
<td>Sequoia</td>
<td>91%</td>
<td>100%</td>
<td>92%</td>
</tr>
<tr>
<td>CW701R</td>
<td>92%</td>
<td>92%</td>
<td>92%</td>
</tr>
<tr>
<td>PG357</td>
<td>99%</td>
<td>97%</td>
<td>97%</td>
</tr>
<tr>
<td>HiGen 660</td>
<td>93%</td>
<td>97%</td>
<td>93%</td>
</tr>
</tbody>
</table>

**AGRONOMIC CHARACTERISTICS**

- 2014-2016 Forage Quality Data - 840HVXRR

<table>
<thead>
<tr>
<th>Competitor Brand</th>
<th>Shafter, CA</th>
<th>Dos Poles, CA</th>
<th>Dos CA</th>
</tr>
</thead>
<tbody>
<tr>
<td>HVX840RR</td>
<td>114%</td>
<td>108%</td>
<td>108%</td>
</tr>
<tr>
<td>Ameristem 851519R</td>
<td>95%</td>
<td>95%</td>
<td>98%</td>
</tr>
<tr>
<td>HarvXtra 842510</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>HarvXtra 851519R</td>
<td>95%</td>
<td>95%</td>
<td>98%</td>
</tr>
</tbody>
</table>

**AGRONOMIC CHARACTERISTICS**

- 2014-2016 Yield Data - 840HVXRR

<table>
<thead>
<tr>
<th>Competitor Brand</th>
<th>Shafter, CA</th>
<th>Dos Poles, CA</th>
<th>Dos CA</th>
</tr>
</thead>
<tbody>
<tr>
<td>HVX840RR</td>
<td>106%</td>
<td>104%</td>
<td>106%</td>
</tr>
<tr>
<td>Ameristem 851519R</td>
<td>95%</td>
<td>95%</td>
<td>98%</td>
</tr>
<tr>
<td>HarvXtra 842510</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>HarvXtra 851519R</td>
<td>95%</td>
<td>95%</td>
<td>98%</td>
</tr>
</tbody>
</table>

Data sources from trials comparing HarvXtra® Alfalfa and Roundup Ready® technology to commercial checks. Data were analyzed in 2012, 2013 and 2015 from Shafter, CA, Dos Poles, CA, and Dos, CA.
PRODUCT CHARACTERISTICS
- Newest class of genetics for non-dormant alfalfa growing areas.
- High resistance to four major insects or diseases.
- Impressive tolerance to root rot and nematode pests.

PERFORMANCE & QUALITY
- Significantly outperforms elite commercial check varieties.
- A wide cutting window, combined with unsurpassed weed control, produces higher quality alfalfa.
- Consider the impacts of these conditions on the grower’s fields.

AGRONOMIC CHARACTERISTICS
- Fall Dormancy
- Winterhardy
- Moderately Winterhardy
- Very Winterhardy
- Non-Winterhardy

PLANT CHARACTERISTICS
- Dark green plants exhibit excellent leaf retention with a great visual lock and fast recovery after cutting.
- Resistant to multiple pests.

2011-2015 Yield Data – 9R100 Alfalfa

<table>
<thead>
<tr>
<th>Variety</th>
<th>2011 Dos Palos, CA</th>
<th>2012 Dos Palos, CA</th>
<th>2013 Dos Palos, CA</th>
<th>2013 Riverdale, CA</th>
<th>2015 Riverdale, CA</th>
<th>Grand Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td>9R100</td>
<td>91%</td>
<td>11%</td>
<td>108%</td>
<td>108%</td>
<td>107%</td>
<td>101%</td>
</tr>
<tr>
<td>Pioneer 9R100</td>
<td>94%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American 9R100</td>
<td>98%</td>
<td>104%</td>
<td></td>
<td></td>
<td></td>
<td>97%</td>
</tr>
<tr>
<td>DK-9R9R</td>
<td>87%</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prim 9</td>
<td>85%</td>
<td>101%</td>
<td></td>
<td></td>
<td></td>
<td>97%</td>
</tr>
<tr>
<td>Revolution</td>
<td>95%</td>
<td>92%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WR, 75R9R</td>
<td>99%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WR, 85R9R</td>
<td>95%</td>
<td>102%</td>
<td>91%</td>
<td>97%</td>
<td>103%</td>
<td>99%</td>
</tr>
<tr>
<td>WR, 65R6R</td>
<td>96%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

2015, 2011, and 2013 Yield Data – 9C300 Alfalfa

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>9C300</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Cul 120</td>
<td>99%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magne 90</td>
<td>102%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magne 90</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CW 110</td>
<td></td>
<td>102%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CW 96</td>
<td></td>
<td>102%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hyphostar 800</td>
<td></td>
<td>102%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hyphostar 800</td>
<td></td>
<td>102%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phanen 900</td>
<td>97%</td>
<td>100%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PG 900</td>
<td>96%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PRODUCT CHARACTERISTICS

- A solid new addition to the non-dormant alfalfa growing areas, backed by generations of selection for resistance to yield-robbing insects and diseases.
- High resistance to three major insects and diseases.
- Very good resistance to Phytophthora Root Rot.

AGRONOMIC CHARACTERISTICS

<table>
<thead>
<tr>
<th>Disease</th>
<th>Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthracnose</td>
<td>R</td>
</tr>
<tr>
<td>Aphanomyces Race 1</td>
<td>NR</td>
</tr>
<tr>
<td>Aphanomyces Race 2</td>
<td>NR</td>
</tr>
<tr>
<td>Bacterial Wilt</td>
<td>R</td>
</tr>
<tr>
<td>Fusarium Wilt</td>
<td>HR</td>
</tr>
<tr>
<td>Phytophthora Root Rot</td>
<td>HR</td>
</tr>
<tr>
<td>Verticillium Wilt</td>
<td>R</td>
</tr>
<tr>
<td>Blue Alfalfa Aphid</td>
<td>NR</td>
</tr>
<tr>
<td>P ea Aphid</td>
<td>N/A</td>
</tr>
<tr>
<td>C ose Pea Aphid</td>
<td>R</td>
</tr>
<tr>
<td>Spotted Alfalfa Aphid</td>
<td>HR</td>
</tr>
<tr>
<td>Southern Root Rot Nematode</td>
<td>N/A</td>
</tr>
<tr>
<td>Northern Root Rot Nematode</td>
<td>N/A</td>
</tr>
<tr>
<td>Stem Nematode</td>
<td>R</td>
</tr>
</tbody>
</table>

PERFORMANCE & QUALITY

- Weed control options allow for high-quality alfalfa.
- Performed well against competitive checks.
- Cutting window is wide with 9.4 dormancy.

PLANT CHARACTERISTICS

- Fall Dormancy: 9.4
- Multifoliate Expression: N/A
- Winter Hardiness Index: N/A

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Dormancy</td>
<td>9.4</td>
</tr>
<tr>
<td>Multifoliate</td>
<td>N/A</td>
</tr>
<tr>
<td>Winter Hardiness</td>
<td>N/A</td>
</tr>
</tbody>
</table>

PRODUCT CHARACTERISTICS

- Weed control options allow for high-quality alfalfa.
- Performed well against competitive checks.
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PLANT CHARACTERISTICS

- Fall Dormancy: 9.4
- Multifoliate Expression: N/A
- Winter Hardiness Index: N/A

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Dormancy</td>
<td>9.4</td>
</tr>
<tr>
<td>Multifoliate</td>
<td>N/A</td>
</tr>
<tr>
<td>Winter Hardiness</td>
<td>N/A</td>
</tr>
</tbody>
</table>

PERFORMANCE & QUALITY

- Weed control options allow for high-quality alfalfa.
- Performed well against competitive checks.
- Cutting window is wide with 9.4 dormancy.

PLANT CHARACTERISTICS

- Fall Dormancy: 9.4
- Multifoliate Expression: N/A
- Winter Hardiness Index: N/A

<table>
<thead>
<tr>
<th>Trait</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Dormancy</td>
<td>9.4</td>
</tr>
<tr>
<td>Multifoliate</td>
<td>N/A</td>
</tr>
<tr>
<td>Winter Hardiness</td>
<td>N/A</td>
</tr>
</tbody>
</table>

NOTES

2013-2019 Yield Data - 9R400

<table>
<thead>
<tr>
<th>Year</th>
<th>Location</th>
<th>图片</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>Shafter, CA</td>
<td>91%</td>
</tr>
<tr>
<td>2014</td>
<td>Dos Palos, CA</td>
<td>91%</td>
</tr>
<tr>
<td>2015</td>
<td>Davis, CA</td>
<td>105%</td>
</tr>
<tr>
<td>2016</td>
<td>Shafter, CA</td>
<td>109%</td>
</tr>
<tr>
<td>2017</td>
<td>Dos Palos, CA</td>
<td>133%</td>
</tr>
<tr>
<td>2018</td>
<td>Davis, CA</td>
<td>103%</td>
</tr>
<tr>
<td>2019</td>
<td>Shafter, CA</td>
<td>105%</td>
</tr>
<tr>
<td>2020</td>
<td>Dos Palos, CA</td>
<td>95%</td>
</tr>
<tr>
<td>2021</td>
<td>Davis, CA</td>
<td>105%</td>
</tr>
<tr>
<td>2022</td>
<td>Shafter, CA</td>
<td>109%</td>
</tr>
<tr>
<td>2023</td>
<td>Dos Palos, CA</td>
<td>133%</td>
</tr>
<tr>
<td>2024</td>
<td>Davis, CA</td>
<td>103%</td>
</tr>
</tbody>
</table>

Scores, characteristics, data and data charts are determined by LG Seeds based on information provided by Alforex Seeds and Forage Genetics International, LLC. Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.

Scores:
1 = Extremely Winterhardy
2 = Very Winterhardy
3 = Winterhardy
4 = Moderately Winterhardy
5 = Slightly Winterhardy
6 = Non-Winterhardy

Characteristics:
HR = High Resistance
R = Resistance
NR = Not Rated
N/A = Not Available

Scores, characteristics, data and data charts are determined by LG Seeds based on information provided by Alforex Seeds and Forage Genetics International, LLC. Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.
<table>
<thead>
<tr>
<th>BASE GENETICS</th>
<th>TRAIT VERSIONS AVAILABLE</th>
<th>PLANT CHARACTERISTICS</th>
<th>CROP MANAGEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Relative Maturity</td>
<td>Plant Height</td>
<td>Planting Rate</td>
</tr>
<tr>
<td>L027C31</td>
<td>77 CONV</td>
<td>MT M SF 7</td>
<td>30-36,000</td>
</tr>
<tr>
<td>L032C27</td>
<td>82 VT2PRIB</td>
<td>MS M SF 8</td>
<td>27-36,000</td>
</tr>
<tr>
<td>L032C25 NEW</td>
<td>82 VT2PRIB</td>
<td>M M SF 8</td>
<td>24-36,000</td>
</tr>
<tr>
<td>L05369</td>
<td>84 RR</td>
<td>M M SF 8</td>
<td>27-38,000</td>
</tr>
<tr>
<td>L034C34</td>
<td>84 CONV</td>
<td>M M SF 9</td>
<td>30-38,000</td>
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Characteristics are assigned by LG Seeds based on comparisons with other LG Seeds products (not competitive products) through in-house field testing. Characteristics may vary from location to location and year to year, as well as growing conditions and other external factors may apply. Growers should evaluate each characteristic from multiple locations and years before planting and should consider the impacts of these conditions on the grower's field.

9 = Excellent  1 = Poor  N/A = Not Available
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Characteristics are assigned to G.S. based on open-burn SII field trials and may be modified or extended to other types of corn. Growers should evaluate data from multiple sources and view performance data to determine the performance of these traits on their crop condition. Growers should evaluate data from multiple sources and view performance data to determine the performance of these traits on their crop condition.
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Characteristics are assigned a 0-5 scale based on a 0-100 scale for each trait. Differences in test weight and drydown may vary from location to location and year to year. Yield performance may vary from location to location and year to year. Growth responses may vary from location to location and year to year. Growers should evaluate data from multiple locations and years before making a purchase and should consider the impacts of local conditions on the grower’s field.
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### CONVERSION NOTE

- Characteristics are assigned to U.S. Female based on comparison with other U.S. Female products (not competitive products) through in-house field testing.
- Data are based on trials run at locations and for years tested and may not represent all growing conditions. Growers should evaluate data from multiple locations and years after harvest and should consider the impact of these conditions on the grower's fields.
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1 Relative Maturity ratings are based on green maturity.  
2 Milk Per Acre ranks potential to produce milk per acre of silage.  
3 Milk Per Ton ranks potential to produce milk per ton of silage.  
4 Milk Per Acre ranks potential to produce milk per ton of silage.  
5 Milk Per Ton ranks potential to produce milk per acre of silage.  

Characteristics are assigned by LG Seeds based on comparisons with other LG Seeds products (not competitive products) through in-house field testing. Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.
### Soybean Summary

#### Management Practices

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### Acronyms

- **R3, M14**: Resistant, Moderately Resistant
- **Rps3c**: Resistant to Phytophthora soybean blight
- **MB**: Moderately Sensitive
- **Rps3a**: Resistant to Phytophthora soybean blight
- **N/A**: Not Available
- **NEW**: New

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**Soybean Summary**

- **Emergence**: E3
- **Shatter Resistance**: RX
- **Plant Height**: RX
- **Pubescence Color**: RX
- **Pod Color**: RX
- **Disease Resistance**: RX
- **Adaptability**: RX
- **Final Yield**: RX
- **Phytophthora Resistance**: RX
- **Bacterial Bacterial**: RX
- **Soil Type**: RX
- **Pod Diameter Size**: RX
- **Morphology**: RX
- **Rooting Habit**: RX
- **Phytophthora Resistance**: RX
- **Brown Stem Rust**: RX
- **Army Phytophthora**: RX
- **Bacterial Bacterial**: RX
- **Syndrome**: RX

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**Notes**

- Soybean varieties with the same resistance genes may perform differently because of different levels of field tolerance. Ratings and characters are influenced by local disease pressure or competition with weeds and pests. Differences in disease pressure may be due to location, season, and weather conditions.

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**References**

- [Official Soybean Disease Rating System](https://www.ars.usda.gov/Research/Announcements/2022/0213/soybean-disease-rating-system)
- [Soybean Disease Rating System](https://www.ars.usda.gov/Research/Announcements/2022/0213/soybean-disease-rating-system)
- [Soybean Disease Rating System](https://www.ars.usda.gov/Research/Announcements/2022/0213/soybean-disease-rating-system)
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Soybean varieties with the same resistance gene may perform differently because of different levels of field tolerance. Scores and characteristics are based on field trials and are for comparison purposes only. Ratings and characteristics may vary from trial to trial and year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible to determine the most appropriate product for their farm. Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible to determine the most appropriate product for their farm.
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### Sorghum-Forage Summary

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<th>Location and Years Available</th>
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### Sorghum-Grain Summary

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<th>PRODUCT</th>
<th>Trait</th>
<th>Variety</th>
<th>Bases Available</th>
<th>Antimicrobial Resistance (A)</th>
<th>Pesticide Tolerance (R)</th>
<th>Disease Resistance (N.A)</th>
<th>Maturity (Days)</th>
<th>Location and Years Available</th>
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Scores, characteristics and data are determined by LG Seeds based on information provided by LG Seeds and its partners. This summary may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible. Maturities may vary according to planting date, growing conditions and elevation.
All orders and sales are subject to the LG Seeds Terms and Conditions of Sale, which include but are not limited to the Limitation of Warranty & Remedy and Agronomic Zone and Planting Year. The Terms and Conditions of Sale are subject to change from time to time without prior notice. Refer to http://www.lgseeds.com/legal for the most up to date Terms and Conditions of Sale.

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer’s Policy for Commercialization of Biotechnology-Derived In commodity Crops. Commercialized pesticide products may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides.

Roundup Ready® Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contain genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, postemergent weed control of Liberty® herbicide for optimum yield and excellent weed control.

Agrisure® Technology incorporated into these seeds is commercialized under license from Syngenta Seeds, Inc. Hercules® YieldGard Logos Technology incorporated into these seeds is commercialized under license from Dow AgroSciences LLC.

Due to the unique cropping practices do not plant Roundup Ready® Alfalfa in Imperial County, California, pending import approvals and until Forage Genetics International, LLC (FGI) grants express permission for such planting.

In the following states, purchase and use of HanvXtra® Alfalfa with Roundup Ready® Technology is subject to a Seed and Feed Use Agreement, requiring that products of this technology can only be used on farm or otherwise be used in the United States: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming. In addition, due to the unique cropping practices do not plant HanvXtra® Alfalfa with Roundup Ready® Technology in Imperial County, California, pending import approval and until Forage Genetics International, LLC (FGI) grants express permission for such planting.

Forage Genetics International, LLC (“FGI”) is a member of Excellence Through Stewardship® (ETS). FGI products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with FGI’s Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. HanvXtra® Alfalfa with Roundup Ready® Technology and Roundup Ready® Alfalfa have pending import approvals. GROWERS MUST DIRECT ANY PRODUCT PRODUCED FROM HANVXTA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY SEED OR CROPS (INCLUDING HAY AND HAY PRODUCTS) ONLY TO UNITED STATES DOMESTIC USE. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Growers should refer to http://www.biotradestatus.com/ for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate. glyphosate herbicides will kill crops that are not tolerant to glyphosate.

Seeds containing the Enlist, Herculex and PowerCore traits are protected under numerous US patents. Seeds containing patented traits can only be used to plant a single commercial crop and cannot be saved or replanted. You acknowledge and agree to be bound by the terms and conditions of the following documents and in compliance with FGI’s Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. HanvXtra® Alfalfa with Roundup Ready® Technology and Roundup Ready® Alfalfa have pending import approvals. Farmers may not plant Enlist, Herculex and PowerCore crops in any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Growers should refer to http://www.biotradestatus.com/ for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

To plant Enlist, Herculex and PowerCore seed, you must have a limited license from Corteva Agriscience (or other appropriate affiliates). In consideration of the foregoing, Corteva Agriscience grants to the Grower the limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed.

Always read and follow herbicide label directions prior to use: Enlist® products contain the Enlist trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist® crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products.

Enlist® E3® soybean seeds containing the Enlist® trait can only be used to plant a single commercial crop. It is unlawful to save and replant Enlist E3® soybeans. Additional information and limitations on the use of these products are provided in the Corteva Agriscience Technology Use Agreement and Enlist® Soybean Product Use Guide. U.S. patents for Dow AgroSciences technologies can be found at the following webpage: www.corteva.us/Resources/trait-stewardship.html.

Dow AgroSciences is a member of Excellence Through Stewardship® (ETS). Dow AgroSciences products are commercialized in accordance with ETS product launch stewardship guidance and Dow AgroSciences Product Launch Stewardship Policy. No crop or material produced from this product can be exported to, used, processed or sold across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. For further information about your crop or grain marketing options, contact DAS at 877-4-TRAITS (877-487-2487). Information regarding the regulatory and market status of agricultural biotechnology products can be found at: www.biotradestatus.com.