THE RIGHT SEED. HAND-SELECTED FOR RIGHT HERE.

WE KNOW WHAT THRIVES HERE. BETTER THAN ANYONE.

Making the best genetics and research in the world, local.
Handselecting only the right varieties specifically for the Western Corn Belt. At Hoegemeyer Hybrids, that’s why our roots run deeper.
We’re born and raised right here, giving you agronomic expertise as genuine as our service and delivering higher yield results to prove it. Providing superior on-farm performance that’s backed by rigorous agronomic testing. And we’re only growing stronger, backed by Corteva Agriscience and advanced trait technologies. We’ve been here 80 years. And we’ll be here many successful growing seasons to come.
1. WESTERN CORN BELT FOCUS

This is our home – giving us and our customers the advantage of knowing what grows best here. Local expertise helps us develop custom recommendations for the farmers we proudly serve in South Dakota, Nebraska, western Iowa, western Missouri, Kansas and Oklahoma.

2. DRIVEN BY AGRONOMY

Local expertise means access to some of the smartest minds in the field. Hoegemeyer agronomists are knowledgeable, skilled and committed to helping growers get the most yield potential out of every bag of seed. They’re the ones who not only deal with challenges on the spot but can also anticipate them. It’s not what we can do for this season, but for many seasons down the road.

3. SOLUTIONS FOR SUCCESS

At Hoegemeyer, you always get top of the line. That’s because we have access to one of the world’s largest store of genetics, germplasm and innovative trait technology. More hybrid and variety choices that thrive in the Western Corn Belt – all backed by the power of U.S.-based Corteva Agriscience.

4. RAISED LOCAL. RAISED RIGHT.

From our front office to our district sales managers, agronomists and seed dealers, our commitment to your success runs deep. This is our home. We want to make your experience with Hoegemeyer Hybrids not only successful, but lifelong. It’s just how we were raised here in the Western Corn Belt.
## TRAIT / TECHNOLOGY LOGOS

<table>
<thead>
<tr>
<th>Trait / Technology</th>
<th>Logos</th>
<th>Hoegemeyer Trait Suffix</th>
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<tbody>
<tr>
<td>Qrome®</td>
<td><a href="#">QROME</a></td>
<td>Q</td>
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<td>Optimum® AcreMax® XTreme</td>
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<td>AMXT</td>
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<td>SmartStax® Refuge Advanced®</td>
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<td>SXRA</td>
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<td>Optimum® AcreMax® Leptra®</td>
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<tr>
<td>Conventional</td>
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* Denotes HPT brand products. HPT® brand seed is distributed by Hoegemeyer. HPT® is a registered trademark of DuPont, Pioneer or their respective owners.
<table>
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<tr>
<th>TAG DESCRIPTOR</th>
<th>INTEGRATED COMPONENTS</th>
<th>REFUGE</th>
<th>Glyphosate</th>
<th>Glufosinate</th>
<th>2,4-D Choline</th>
<th>Quizalofop</th>
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<td>ABOVE/BELOW</td>
<td>95% (RW, YGCB, HXX, LL, RR2) 5% (LL, RR2)</td>
<td>Integrated refuge; no separate refuge required in the Corn Belt. Additional 20% corn borer refuge is required in EPA-designated cotton counties.</td>
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<td>95% (VT2, HX1, VT3, HXR, RR2) 5% (LL, RR2)</td>
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<td>20% structured refuge</td>
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<td>ABOVE</td>
<td>20% refuge up to 1/2 mile away</td>
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</table>
THE HOEGEMEYER CORN NAMING SYSTEM

74 04 Q

74 – add 30 to the first two numbers in the series to get the relative maturity for that hybrid. 74 + 30 = 104 RM

04 – the second two numbers denote the specific hybrid. The last digit changes for each trait stack, usually by 1 with increasing number for increasing traits.

0 – is the trait suffix that denotes trait stack. A conventional hybrid is denoted with no letters at the end.

Examples include:
7401 – conventional
7402 AM – double stack
7403 AMXT – triple stack
7404 Q – Qrome® triple stack

* Refer to page 6 for trait suffix description.

CORN SEED TREATMENT

PERFORMANCE THROUGH PROTECTION

- Robust Insect Control
  – 500 rate of insecticide

- Broad Disease Protection
  – Multiple modes of action protect against key seedling diseases

- Enhanced Plant Health
  – Biological stimulant to increase root mass and improve nutrient uptake

- Nematode Protection
  – Protects against lesion, lance, stubby-root, dagger, ring, spiral, stunt, sting, needle, and root-knot nematodes

- All part of our standard base corn treatment package

For 2021, select products will be available with a new, even more robust Lumigen treatment package.
The right seed to unlock your true yield potential

Dual mode above/below ground insect protection with excellent rootworm efficacy.

New molecular trait insertion for better yield potential.

More genetic options for greater diversity – 23 Qrome product options ranging from 91 to 116 RM.
<table>
<thead>
<tr>
<th>BRAND</th>
<th>Page</th>
<th>Tech Segment</th>
<th>Relative Maturity</th>
<th>Flowering RM</th>
<th>Heat Units to Black Layer</th>
<th>Stress Emergence</th>
<th>Stalk Strength</th>
<th>Root Strength</th>
<th>Greensnap Tolerance</th>
<th>Plant Height for Maturity</th>
<th>Ear Height for Maturity</th>
<th>Low Population Response (Ear Flex)</th>
<th>High Population Response</th>
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All ratings on a 1-9 scale with 9 being the best. 
Plant Height, 9 is tallest 
Ear Height, 9 is highest 
NR = No Rating 
New hybrids in green

Indicates Optimum® AQUAmix® product

Silage MAX
- Tonnage and quality you expect from a silage product
- Top-end grain potential and agronomics
- Maximum flexibility to fit your feeding and farming operation
### Characteristic Definitions

**Stress Emergence** – Ability to emerge in stressful conditions associated with early planting dates or heavy residue.

**Stalk Strength** – Late-season stalk integrity.

**Root Strength** – Resistance to root lodging during the growing season and through harvest.

**Greensnap Tolerance** – Resistance to cornstalk breakage from high winds during periods of rapid plant growth.

**Low Population Response** (Ear Flex) – A hybrid’s ability to adjust ear size and out-yield other hybrids at low populations.

**High Population Response** – Likelihood of a yield benefit at aggressive planting populations. Also takes into account standability at high populations.

**Drought Stress** – Ability to maintain yields under drought stress.

**Drydown** – Rate at which grain loses moisture in the field after reaching physiological maturity (black layer).

**High pH** – Represents a hybrid's performance record on soils with pH of 7.5 and above.

### Stress and Disease Package

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All ratings on a 1-9 scale with 9 being the best. Plant Height, 9 is tallest Ear Height, 9 is highest NR = No Rating New hybrids in green

Indicates Optimum® AQUAmax® product

Silage MAX
- Tonnage and quality you expect from a silage product
- Top-end grain potential and agronomics
- Maximum flexibility to fit your feeding and farming operation

* Denotes HPT brand products. HPT® brand seed is distributed by Hoegemeyer. HPT® is a registered trademark of DuPont, Pioneer or their respective owners.
# Corn Ratings and Characteristics

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## Drought Tolerance Scale

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**NEW 6117 Q™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

- 91RM – 2170 HEAT UNITS
  - Exciting new 91 RM hybrid
  - Excellent Northern Leaf Blight tolerance
  - Manage late season stalks for timely harvest

**NEW 6334 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

- 93RM – 2220 HEAT UNITS
  - New level of yield potential in a 93 RM hybrid
  - Good stress emergence
  - Above average Northern Leaf Blight tolerance
  - Heavy test weight

**6560 Q™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

- 95RM – 2320 HEAT UNITS
  - Qrome® triple stack product for soils with good productivity
  - Excellent staygreen
  - Medium stunted plant type
**6620 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

**6813 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

**6850 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

**96RM – 2350 HEAT UNITS**
- Excellent yield potential and versatility
- Tall, attractive plant suited for grain or silage use
- Good standability and disease package

**Silage MAX**

**98RM – 2370 HEAT UNITS**
- Excellent drought tolerance and broad adaptation
- Top-notch emergence in difficult soil conditions
- Girthy ear with good flex

**98RM – 2370 HEAT UNITS**
- Great overall hybrid with stong stalks
- Stable performance over a broad range of yield environments
- Moderate stature
**98RM – 2420 HEAT UNITS**
- New genetics with good overall standability
- Oreme® trait package for excellent rootworm control
- Strong Goss’s Wilt tolerance

**100RM – 2400 HEAT UNITS**
- Good track record on heavier ground
- Strong emergence under early season stress conditions
- Above average standability

**100RM – 2470 HEAT UNITS**
- Proven genetic family with very broad adaptation
- Optimum® AQUAmax® drought tolerance
- Excels in the traditional 100 day zone as well as an early corn product in southern areas
- Above average ear flex
**7159 Q™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

**101RM – 2440 HEAT UNITS**
- Qrome® trait package suited for high productivity acres
- Excellent choice for corn on corn
- Strong roots

---

**7209 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

**102RM – 2460 HEAT UNITS**
- A tough hybrid with good yield potential and ear flex
- Strong out of the ground under stressful conditions
- Excellent late season stalks and appearance

---

**7224 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

**102RM – 2460 HEAT UNITS**
- High top-end yield potential
- Moves north well as a 102 RM product
- Strong stress emergence, early flowering, and fast drydown

---

**Silage MAX**
104RM – 2510 HEAT UNITS
- Elite genetic family with Optimum® AQUAmax® drought tolerance
- Broadly adapted with consistent yields
- Excellent standability package

Silage MAX

104RM – 2550 HEAT UNITS
- Popular genetic series due to excellent yield for maturity
- Works over a broad area – handles southern movement and drought
- Good tolerance against greensnap
- Tall plant with high ear placement

Silage MAX

105RM – 2530 HEAT UNITS
- Excellent stress emergence for high residue fields
- Heavy test weight, approved for Food Grade with Frito
- Full disease package

The text provides a detailed analysis of the agronomic properties of various corn hybrids, including their recommended geography and specific traits such as low and high population response, drought stress, stalk strength, root strength, high yield environments, and marginal yield environments. The hybrids are categorized by their maturity group, with specific details on each variety's genetic traits, suitable regions, and performance characteristics.
105RM – 2530 HEAT UNITS
- Proven hybrid with stress tolerance and ear flex
- Moves south well and handles the heat
- Good late season stalks

7583 HX/LL/RR™

AGRONOMICS
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

106RM – 2550 HEAT UNITS
- Optimum® AQUAmax® product with an excellent track record under tough drought conditions
- Plant at aggressive populations for best results
- Very good tolerance to both Goss’s Wilt and Head Smut

7644 AM™

AGRONOMICS
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

106RM – 2550 HEAT UNITS
- Optimum® AQUAmax® product with an excellent track record under tough drought conditions
- Plant at aggressive populations for best results
- Very good tolerance to both Goss’s Wilt and Head Smut

7692 Q™

AGRONOMICS
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

106RM – 2550 HEAT UNITS
- Optimum® AQUAmax® product with an excellent track record under tough drought conditions
- Plant at aggressive populations for best results
- Very good tolerance to both Goss’s Wilt and Head Smut

Silage MAX
**7760 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

**107RM – 2580 HEAT UNITS**
- High top-end yield potential with a girthy ear
- Well-adapted to Iowa, Nebraska, and South Dakota
- Excellent Goss’s Wilt tolerance
- Strong stress emergence

---

**NEW 7772 Q™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

**107RM – 2590 HEAT UNITS**
- New Drome® version of the 7771 AM genetic family
- Girthy ear with high top-end yield potential
- Outstanding plant health and staygreen

---

**7818 AMXT™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

**108RM – 2610 HEAT UNITS**
- Reliable performance with Optimum® AQUAmax® drought tolerance
- Strong emergence for high residue and corn after corn conditions
- Maintains plant integrity late into the season

---

* Denotes HPT brand products. HPT® brand seed is distributed by Hoegemeyer. HPT® is a registered trademark of DuPont, Pioneer or their respective owners.
**108-109 Maturity | Corn Brand Hybrids**

**7869 AM™**

**New**

- **Agronomics**
  - Low Pop. Response
  - High Pop. Response
  - Drought Stress
  - Stalk Strength
  - Root Strength
  - High Yield Environments
  - Marginal Yield Environments

**Recommended Geography**

- 109RM – 2630 Heat Units
  - High top-end yield potential
  - Best suited for fields with good soil moisture availability or irrigation
  - Monitor for timely harvest

- **7886 AM™**

**New**

- **Agronomics**
  - Low Pop. Response
  - High Pop. Response
  - Drought Stress
  - Stalk Strength
  - Root Strength
  - High Yield Environments
  - Marginal Yield Environments

**Recommended Geography**

- 108RM – 2620 Heat Units
  - Exciting new genetic family for Iowa and Missouri
  - Very good stress emergence for heavier soils
  - Good root strength

- **7902™**

**New**

- **Agronomics**
  - Low Pop. Response
  - High Pop. Response
  - Drought Stress
  - Stalk Strength
  - Root Strength
  - High Yield Environments
  - Marginal Yield Environments

**Recommended Geography**

- 109RM – 2630 Heat Units
  - High top-end yield potential
  - Best suited for fields with good soil moisture availability or irrigation
  - Monitor for timely harvest

- **7900 AM™**

**New**

- **Agronomics**
  - Low Pop. Response
  - High Pop. Response
  - Drought Stress
  - Stalk Strength
  - Root Strength
  - High Yield Environments
  - Marginal Yield Environments

**Recommended Geography**

- 109RM – 2630 Heat Units
  - High top-end yield potential
  - Best suited for fields with good soil moisture availability or irrigation
  - Monitor for timely harvest

- **7901 AMXT™**

**New**

- **Agronomics**
  - Low Pop. Response
  - High Pop. Response
  - Drought Stress
  - Stalk Strength
  - Root Strength
  - High Yield Environments
  - Marginal Yield Environments

**Recommended Geography**

- 109RM – 2630 Heat Units
  - High top-end yield potential
  - Best suited for fields with good soil moisture availability or irrigation
  - Monitor for timely harvest

**Silage MAX**
**109RM – 2640 HEAT UNITS**
- Good stress tolerance and yield potential
- Strong track record on challenging soil types
- Tall, attractive plant with large ears

**Silage MAX**

**109RM – 2630 HEAT UNITS**
- Optimum® AcreMax™ Leptra® hybrid with consistent performance over a broad area
- Elite genetics featuring strong greensnap tolerance
- Excellent tolerance to Goss’s Wilt
- Heavy test weight

**109RM – 2630 HEAT UNITS**
- Great choice for corn on corn acres and any high yield environment
- Highest yielding triple stack hybrid in the 2019 Northeast Nebraska F.I.R.S.T. plots
- Good overall standability
- Foliar fungicide recommended for maximum performance

**Silage MAX**
**8009 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**110RM – 2620 HEAT UNITS**
- Raw top-end yield in a new genetic package
- Moderate plant stature
- Best positioned on higher yielding acres

**8028 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**110RM – 2670 HEAT UNITS**
- Agronomic product for the western and central corn belt
- Outstanding disease package
- Good greensnap tolerance
- Heavy test weight

**8050 AMXT™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**110RM – 2650 HEAT UNITS**
- Best suited for higher management acres. Avoid drought prone fields
- Good tolerance to Northern Leaf Blight and Goss’s Wilt
- Heavy test weight
**CORN BRAND HYBRIDS**

**110 MATURITY**

### 8064™

- **AGRONOMICS**
  - Low Pop. Response
  - High Pop. Response
  - Drought Stress
  - Stalk Strength
  - Root Strength
  - High Yield Environments
  - Marginal Yield Environments

- **RECOMMENDED GEOGRAPHY**

### 8065 RR™

- **AGRONOMICS**
  - Low Pop. Response
  - High Pop. Response
  - Drought Stress
  - Stalk Strength
  - Root Strength
  - High Yield Environments
  - Marginal Yield Environments

### 8066 AM™

- **AGRONOMICS**
  - Low Pop. Response
  - High Pop. Response
  - Drought Stress
  - Stalk Strength
  - Root Strength
  - High Yield Environments
  - Marginal Yield Environments

### 8073 Q™

- **AGRONOMICS**
  - Low Pop. Response
  - High Pop. Response
  - Drought Stress
  - Stalk Strength
  - Root Strength
  - High Yield Environments
  - Marginal Yield Environments

- **RECOMMENDED GEOGRAPHY**

### 110RM – 2650 HEAT UNITS

- Proven genetic platform powered by Optimum® AQUAmax® technology
- Handles drought and heat
- Fast drydown at harvest time

### 8084 AM™

- **AGRONOMICS**
  - Low Pop. Response
  - High Pop. Response
  - Drought Stress
  - Stalk Strength
  - Root Strength
  - High Yield Environments
  - Marginal Yield Environments

- **RECOMMENDED GEOGRAPHY**

### 8085 Q™

- **AGRONOMICS**
  - Low Pop. Response
  - High Pop. Response
  - Drought Stress
  - Stalk Strength
  - Root Strength
  - High Yield Environments
  - Marginal Yield Environments

### 110RM – 2650 HEAT UNITS

- New genetics with excellent standability
- Outstanding root strength
- Consistent product type
- Moderate stature

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**8097 SXE™ 8097 SXRA™**

**Agronomics**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**Recommended Geography**
- 110RM – 2650 Heat Units
  - Western-adapted product
  - Works on high pH soils
  - Good heat tolerance allows southern movement
  - 8097 SXE includes the Enlist Corn trait with tolerance to 2,4-D Choline and Dupont Assure II herbicides

**8104 AM™ 8106 Q™**

**Agronomics**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**Recommended Geography**
- 111RM – 2690 Heat Units
  - Versatile genetics with good overall agronomics and yield stability
  - Medium stunted plant
  - Outstanding test weight

**8140 SXRA™**

**Agronomics**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**Recommended Geography**
- 111RM – 2680 Heat Units
  - Excellent product for stress environments
  - Good ear flex for lower planting populations in western areas
  - Performs well on high pH soils
**8175 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**
- 112RM – 2700 HEAT UNITS
  - Western Corn Belt style of hybrid
  - Excels in average to above average yield environments
  - Excellent season-long standability
  - Attractive grain with good test weight

**NEW 8188 Q™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**
- 111RM – 2700 HEAT UNITS
  - Elite new Qrome® product with high yield potential
  - Great agronomic package for corn on corn and high residue fields
  - Good stress emergence
  - Heavy test weight

**8217 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**
- 112RM – 2700 HEAT UNITS
  - Broadly adapted product with very good drought tolerance
  - Superb standability throughout the growing and harvest seasons
  - Early flowering and heat tolerance makes this hybrid suitable for southern areas
**9239 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**Recommended Geography**

**112RM – 2680 HEAT UNITS**
- Elite new genetics with maximum versatility
- Optimum® AQUAmax® drought tolerance
- Good top-end yield ability
- Excellent standability

**9255 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**Recommended Geography**

**112RM – 2700 HEAT UNITS**
- Proven Optimum® AQUAmax® product for Nebraska and Kansas
- Fills ear out to the tip under a wide range of conditions
- Western adaptation features strong greensnap tolerance

**9233 AM™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**Recommended Geography**

**112RM – 2710 HEAT UNITS**
- Workhorse with good southern and southeastern performance
- Above-average Gray Leaf Spot tolerance
- Solid track record under drought
**112 RM – 2660 Heat Units**
- New Qrome® product with high top-end yield potential
- Excellent overall plant health
- Good drought tolerance
- Avoid fields and soil types prone to root-lodging

**112 RM – 2730 Heat Units**
- Racehorse style product for fields with high productivity and good moisture availability
- Girthy ear with excellent flex and large kernels
- Below average tolerance to greensnap during periods of rapid growth
- Performs best at lower to moderate planting populations

**8268 Q™**

**8296 AML™**

**8363 AM™**

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**8338 SXRA™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

113RM – 2730 HEAT UNITS
- Attractive, healthy hybrid with good disease tolerance
- Strong out of the ground
- Works well on rotated and corn on corn acres

**8348 PWRA™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

113RM – 2730 HEAT UNITS
- Consistent performer and broadly adapted
- Excellent stress emergence
- Responds favorably to a foliar fungicide

**8352 SXRA™**

**AGRONOMICS**
- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

113RM – 2730 HEAT UNITS
- Good yield consistency on both rotated and corn on corn acres
- Works best in Nebraska and Kansas
- Excellent Goss’s Wilt and Northern Leaf Blight tolerance
**AGRONOMICS**

- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

113RM – 2750 HEAT UNITS

- Performs across a wide range of yield environments
- Strong out of the ground
- Heavy test weight
- Avoid fields with a history of Goss’s Wilt

**AGRONOMICS**

- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

114RM – 2760 HEAT UNITS

- Tall, attractive hybrid
- Season-long standability
- Flex-style ear with best performance at moderate to lower planting population rates

**AGRONOMICS**

- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

114RM – 2760 HEAT UNITS

- Broadly adapted genetics
- Outstanding tolerance against Goss’s Wilt, Gray Leaf Spot, and Northern Leaf Blight
- Excellent late season stalk strength

- Silage MAX
**AGRONOMICS**

- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

- **114RM – 2760 HEAT UNITS**
  - Tall Optimum® AcreMax® Leptra® hybrid with dual purpose grain/silage potential
  - Robust canopy provides aggressive row coverage
  - Performs best at lower to moderate planting populations-avoid aggressive populations

**Silage MAX**

- **8468 LEPTRA™**

- **8490 AM™ 8491 Q™**

- **8494 SXRA™**

- **114RM – 2760 HEAT UNITS**
  - Optimum® AQUAmax® drought tolerance with good overall versatility
  - Consistent performer from low to high yield environments
  - Western Corn Belt genetic package

- **114RM – 2760 HEAT UNITS**
  - Handles heat and drought stress
  - Plant at aggressive populations to maximize yields
  - Good late season intactness
  - Avoid areas with a history of Goss’s Wilt
8511 AML™  8512 Q™

**AGRONOMICS**

- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

115RM – 2770 HEAT UNITS
- High performing genetics available in elite insect trait options - Optimum® AcreMax®, Leptra®, and Grome®
- Responds favorably to foliar fungicides and good fertility
- Handles heat and drought stress

**Silage MAX**

8518 AM™  8519 Q™

**AGRONOMICS**

- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

115RM – 2770 HEAT UNITS
- New genetics combining yield and agronomics
- Excellent overall disease package
- Good stalk strength and greensnap tolerance

8529 AM™  8531 Q™

**AGRONOMICS**

- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**RECOMMENDED GEOGRAPHY**

115RM – 2790 HEAT UNITS
- Yield leader
- Top choice for irrigated and better dryland fields
- Monitor late stalks for timely harvest

**Silage MAX**
**AGRONOMICS**

- Low Pop. Response
- High Pop. Response
- Drought Stress
- Stalk Strength
- Root Strength
- High Yield Environments
- Marginal Yield Environments

**116RM – 2810 HEAT UNITS**

- High overall yield potential
- Dual purpose grain/silage hybrid
- Heavy test weight

**Silage MAX**

- Excellent silage product with high tonnage potential
- Tall plant type
- Strong disease package

**8636 AM™, 8637 Q™**

**116RM – 2810 HEAT UNITS**

- Optimum® AcreMax® Leptra® hybrid with a strong agronomic package
- Tall product with dual purpose silage utility
- Good heat and stress tolerance

**Silage MAX**

**8680 SXRA™**

**8750 AML™**
Optimum® AcreMAX® Leptra® hybrids defend against the key pests you face on your farm, with integrated refuge for added convenience.

Multiple modes of action against above ground insects

Controls Western Bean Cutworm, Corn Earworm, and other Lepidopteran pests

Available in five hybrids for 2021
SOYBEAN VARIETIES
PERFORMANCE THROUGH PROTECTION

- High rate of multiple fungicides for wide range control of early season seed & seedling diseases
- Systemic control of early season seed & seedling attacking insects
- Unique biological for seedling root growth stimulation and enhanced nutrient availability
- Lumisena™ fungicide for industry-leading control of Phytophthora

LumiGEN™

SOYBEAN SEED TREATMENT

The first two numbers indicate relative maturity. 28 = 2.8 maturity

The second two numbers denote the specific variety.

This denotes the trait suffix. Please see legend for specific variety options.

Lumisena™ fungicide for industry-leading control of Phytophthora

Provides excellent protection from sudden death syndrome and soybean cyst nematode

The Hoegemeyer Soybean Naming System

Trait Suffix Legend:
N = Soybean Cyst Nematode (SCN) resistance*
S = Sulfonylurea herbicide tolerance
R = Glyphosate herbicide tolerance
B = Next generation sulfonylurea herbicide tolerance (Bolt™)
LL = LibertyLink® (appears as a prefix in variety name)
X = Roundup Ready 2 Xtend®
E = Enlist E3™
SE = Enlist E3™/DuPont™ STS®

* Starting with Enlist E3, all new soybean traits will not use the N designation for SCN resistance. Please refer to the characteristics chart for SCN status.
THE RIGHT COMBINATION IN YOUR FIGHT AGAINST TOUGH WEEDS

More options for weed control with tolerance to 2,4-D choline, glyphosate and glufosinate.

Excellent efficacy on hard-to-control weed species with Enlist herbicides.

Easy to use system, flexible to incorporate within your operation.

On-target application: 2,4-D choline with Colex-D™ technology provides a differentiated herbicide trait system.
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* Denotes HPT brand products. HPT® brand seed is distributed by Hoegemeyer. HPT® is a registered trademark of DuPont, Pioneer or their respective owners.
### Soybean Ratings and Characteristics

| BRAND Varieties | Page | Maturity | Traits | Plant Height | Plant Type | Emergence | Standability | Phytophthora Field Score | Phytophthora Gene | Sudden Death Syndrome | Iron Chlorosis (High pH) | White Mold | Brown Stem Rot | Cyst Resistance Source (SCN) |
|-----------------|------|----------|--------|--------------|------------|-----------|--------------|--------------------------|------------------|------------------------|------------------------|------------|--------------|----------------------------|----------|
| 2210 NR™*      | 2.2  | R        | 5      | 5            | 7          | 7         | 7            | 7                        | Rps1k,3a        | 6                      | 5                      | 4          | 4            | 8                          | PI88788 |
| 2511 NRR™*     | 2.5  | R        | 4      | 8            | 7          | 7         | 3            | Rps1k                    | Rps1k           | 6                      | 4                      | 4          | 4            | 4                          | Peking   |
| 2590 NR™*      | 2.5  | R        | 5      | 6            | 7          | 8         | 4            | Rps1k                    | Rps1k           | 6                      | 4                      | 5          | 6            | Peking                      |          |
| 2811 NR™*      | 2.8  | R        | 6      | 5            | 7          | 8         | 4            | Rps1k                    | Rps1c           | 4                      | 4                      | 4          | 6            | 6                          | PI88788 |
| 2994 NR™*      | 2.9  | R        | 5      | 4            | 7          | 8         | 4            | Rps1k                    | Rps1k           | 5                      | 4                      | 5          | 8            | 8                          | PI88788 |
| 3561 NR™*      | 3.5  | R        | 7      | 6            | 6          | 5         | Rps1k        |                          |                  |                        |                        |            |              |                            | PI88788 |
| LL1710 N™*     | 1.7  | LL       | 4      | 5            | 7          | 7         | 3            | Rps1k                    |                  |                        |                        |            |              |                            | PI88788 |
| LL2221 N™*     | 2.2  | LL       | 6      | 6            | 8          | 7         | 6            | Rps1c                    |                  |                        |                        |            |              |                            | PI88788 |
| LL2641 N™*     | 2.6  | LL       | 4      | 6            | 7          | 8         | 4            | Rps1k                    |                  |                        |                        |            |              |                            | Peking   |
| LL2850 N™*     | 2.8  | LL       | 5      | 6            | 7          | 7         | 7            | Rps1k,3a                 |                  |                        |                        |            |              |                            | PI88788 |
| LL3220 N™*     | 3.2  | LL       | 6      | 6            | 7          | 6         | 4            | Rps1k                    |                  |                        |                        |            |              |                            | Peking   |
| LL3628 N™*     | 3.6  | LL       | 5      | 5            | 7          | 7         | 4            | None                     |                  |                        |                        |            |              |                            | PI88788 |
| LL3820 N™*     | 3.8  | LL       | 6      | 5            | 7          | 6         | 5            | Rps1k                    |                  |                        |                        |            |              |                            | PI88788 |
| LL4000 N™*     | 4.0  | LL       | 5      | 6            | 7          | 6         | 5            | None                     |                  |                        |                        |            |              |                            | PI88788 |
| LL4344 N™*     | 4.3  | LL       | 5      | 4            | 7          | 8         | 5            | Rps1c                    |                  |                        |                        |            |              |                            | PI88788 |
| LL4571 N™*     | 4.5  | LL       | 4      | 5            | 7          | 7         | 5            | None                     |                  |                        |                        |            |              |                            | PI88788 |
| LL4620 N™*     | 4.6  | LL       | 5      | 6            | 7          | 8         | 4            | None                     |                  |                        |                        |            |              |                            | PI88788 |
| LL4994 N™*     | 4.9  | LL       | 6      | 6            | 7          | 6         | 5            | Rps1k                    |                  |                        |                        |            |              |                            | PI88788 |

All ratings on a 1-9 scale with 9 being the best. NR = No Rating

Plant Type
9 = Extremely Bushy
1 = Very Narrow

Height Ratings
1 = Very Short
9 = Very Tall

New varieties in green

---

### Hoegemeyer Soybean Herbicide Tolerance

**Herbicide tolerances**

- 2,4-D choline
- Glufosinate
- Glyphosate

**Corresponding authorized herbicides**

- Enlist One®
- Enlist Duo®
- Xtendimax®
- FeXapan®
- Tavium®
- Liberty®

**Application window in treated soybeans for corresponding authorized herbicides**

- No later than R2
- R1 – Xtendimax, FeXapan and Engenia
- V4 – Tavium
- Specific calendar cutoff dates in some states

- Up to bloom or R1
SOYBEAN BRANDS WITH ENLIST E3™ TECHNOLOGY

1340 E™

1.3 RM
- Enlist E3™ with broad adaptation for South Dakota
- Very good tolerance to iron deficiency chlorosis
- Good height and canopy for marginal soils
- Rps1c Phytophthora gene

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

1620 E™

1.6 RM
- Enlist E3™ product with good standability
- Very good tolerance to iron deficiency chlorosis
- Rps1k Phytophthora gene with good tolerance
- Good plant type for narrow rows

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

1910 E™

1.9 RM
- Strong performance for South Dakota and Northern Iowa
- Wide canopy adapts to all row widths
- Stacked Phytophthora genes, Rps1c/3a
- Good tolerance to iron deficiency chlorosis

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

NEW
2245 E™

2.2 RM
- Enlist E3™ with broad adaptation and high yield
- Stacked Rps1a,3a Phytophthora genes
- Good tolerance to sudden death syndrome
- Very good tolerance to brown stem rot

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

NEW
2480 E™

2.4 RM
- New Enlist E3™ with solid agronomic package
- Rps1k Phytophthora gene
- Good tolerance to iron deficiency chlorosis
- Excellent standability

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome
**2540 E™**

- **2.5 RM**
  - Excellent performance on medium textured soils
  - Very good tolerance to iron deficiency chlorosis
  - Rps1c Phytophthora gene
  - Performs well in South Dakota and Nebraska

**AGRONOMICS**

- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

1 3 5 7 9

**NEW 2660 E™**

- **2.6 RM**
  - New Enlist E3™ with outstanding yield potential
  - Rps1k Phytophthora gene
  - Very good tolerance to iron deficiency chlorosis
  - Solid defense against sudden death syndrome

**AGRONOMICS**

- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

1 3 5 7 9

**2820 E™**

- **2.8 RM**
  - Consistent performance across the Western Cornbelt
  - Good stress tolerance
  - Solid SDS and white mold tolerance
  - Good tolerance to iron deficiency chlorosis

**AGRONOMICS**

- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

1 3 5 7 9

**2970 E™**

- **2.9 RM**
  - Enlist E3™ with high performance across a wide geography
  - Full canopy with good standability
  - Rps1k Phytophthora gene with good tolerance
  - Well adapted to variable soil types and row widths

**AGRONOMICS**

- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

1 3 5 7 9

**3030 E™**

- **3.0 RM**
  - Good performance across Iowa and eastern Nebraska
  - Rps1k Phytophthora gene
  - Very good tolerance to sudden death syndrome
  - Good standability for fertile soils

**AGRONOMICS**

- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

1 3 5 7 9

**3120 E™**

- **3.1 RM**
  - Elite product for the Western Cornbelt
  - Rps1c Phytophthora gene
  - Good tolerance to sudden death syndrome
  - Good tolerance to frogeye leaf spot

**AGRONOMICS**

- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

1 3 5 7 9
SOYBEAN BRANDS WITH ENLIST E3™ TECHNOLOGY

3350 E™

3.3 RM
- Solid defensive traits with elite performance
- Rps1c Phytophthora gene with strong field tolerance
- Very good tolerance to sudden death syndrome
- Excellent tolerance to frogeye leaf spot

AGRONOMICS
Emergence
Standability
Phytophthora Field Score
Iron Chlorosis (High pH)
Sudden Death Syndrome

3521 SE™

3.5 RM
- Enlist E3™ stacked with STS herbicide tolerance
- Good tolerance to sudden death syndrome
- Very good tolerance to iron deficiency chlorosis
- Good performance for the Western Hoegemeyer territory

AGRONOMICS
Emergence
Standability
Phytophthora Field Score
Iron Chlorosis (High pH)
Sudden Death Syndrome

3591 E™

3.5 RM
- New Enlist E3™ with outstanding yield potential
- Rps1k Phytophthora gene
- Good tolerance to sudden death syndrome
- Good performance for the eastern Hoegemeyer territory

AGRONOMICS
Emergence
Standability
Phytophthora Field Score
Iron Chlorosis (High pH)
Sudden Death Syndrome

4081 SE™

3.3 RM
- Solid defensive traits with elite performance
- Rps1c Phytophthora gene with strong field tolerance
- Very good tolerance to sudden death syndrome
- Excellent tolerance to frogeye leaf spot

AGRONOMICS
Emergence
Standability
Phytophthora Field Score
Iron Chlorosis (High pH)
Sudden Death Syndrome

4161 E™

4.1 RM
- Excellent standability on productive soils
- Very good tolerance to sudden death syndrome
- Very good tolerance to charcoal rot and stem canker
- Good tolerance to frogeye leaf spot

AGRONOMICS
Emergence
Standability
Phytophthora Field Score
Iron Chlorosis (High pH)
Sudden Death Syndrome

* Denotes HPT brand products. HPT® brand seed is distributed by Hoegemeyer. HPT® is a registered trademark of DuPont, Pioneer or their respective owners.
SOYBEAN BRANDS WITH ENLIST E3™ TECHNOLOGY

**4516 SE™**

4.5 RM
- Enlist E3™ stacked with STS herbicide tolerance
- Excellent tolerance to frageye leaf spot
- Good tolerance to sudden death syndrome
- Medium height with good standability

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

**4860 E™**

4.8 RM
- Versatile product with good stress tolerance
- Excellent tolerance to charcoal rot
- Very good tolerance to Phytophthora root rot

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

**5110 E™**

5.1 RM
- Enlist E3™ with determinate plant type
- Rps1k Phytophthora gene
- Good tolerance to charcoal rot
- Good tolerance to sudden death syndrome

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

**NEW 4641 E™**

4.6 RM
- New Enlist E3™ yield leader
- Very good tolerance to sudden death syndrome
- Rps1k Phytophthora gene
- Good stem canker tolerance

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

**4903 SE™**

4.9 RM
- Enlist E3™ stacked with STS herbicide tolerance
- Solid tolerance to charcoal rot
- Good tolerance to sudden death syndrome
- Good stem canker tolerance

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

NEW 4641 E™

4.6 RM
- New Enlist E3™ yield leader
- Very good tolerance to sudden death syndrome
- Rps1k Phytophthora gene
- Good stem canker tolerance

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

5110 E™

5.1 RM
- Enlist E3™ with determinate plant type
- Rps1k Phytophthora gene
- Good tolerance to charcoal rot
- Good tolerance to sudden death syndrome

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

5110 E™

5.1 RM
- Enlist E3™ with determinate plant type
- Rps1k Phytophthora gene
- Good tolerance to charcoal rot
- Good tolerance to sudden death syndrome

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

www.TheRightSeed.com
### 1960 NX™

1.9 RM  
- Peking SCN resistance  
- Rps1k Phytophthora gene  
- Recommended for fields prone to SDS and Iron Deficiency chlorosis  
- Well adapted for South Dakota and northern Iowa

**AGRONOMICS**  
- Emergence  
- Standability  
- Phytophthora Field Score  
- Iron Chlorosis (High pH)  
- Sudden Death Syndrome

- 1  
- 3  
- 5  
- 7  
- 9

### 2202 NX™

2.2 RM  
- Excellent harvest standability  
- Above average white mold and IDC (iron chlorosis) tolerance  
- Well adapted to variable soil types and row widths  
- Proven performance in the Western Corn Belt

**AGRONOMICS**  
- Emergence  
- Standability  
- Phytophthora Field Score  
- Iron Chlorosis (High pH)  
- Sudden Death Syndrome

- 1  
- 3  
- 5  
- 7  
- 9

### 2781 NX™

2.7 RM  
- Offensive yield punch for high yield environments  
- Medium height with good standability  
- Good Phytophthora protection with Rps1c  
- High tolerance to brown stem rot

**AGRONOMICS**  
- Emergence  
- Standability  
- Phytophthora Field Score  
- Iron Chlorosis (High pH)  
- Sudden Death Syndrome

- 1  
- 3  
- 5  
- 7  
- 9

### 2981 NX™

2.9 RM  
- Medium tall plant with good row cover  
- Very good Phytophthora tolerance  
- Excellent tolerance to sudden death syndrome  
- Combines high yield with strong disease package

**AGRONOMICS**  
- Emergence  
- Standability  
- Phytophthora Field Score  
- Iron Chlorosis (High pH)  
- Sudden Death Syndrome

- 1  
- 3  
- 5  
- 7  
- 9

### 3166 NX™

3.1 RM  
- Excellent standability on productive soils  
- Very good tolerance to sudden death syndrome  
- Rps1k Phytophthora gene  
- Good top-end yield for irrigation

**AGRONOMICS**  
- Emergence  
- Standability  
- Phytophthora Field Score  
- Iron Chlorosis (High pH)  
- Sudden Death Syndrome

- 1  
- 3  
- 5  
- 7  
- 9

### 3491 NX™

3.4 RM  
- Offensive product for the Western Corn Belt  
- Works well on marginal soil types  
- Medium height plant with full canopy  
- Good tolerance to sudden death syndrome

**AGRONOMICS**  
- Emergence  
- Standability  
- Phytophthora Field Score  
- Iron Chlorosis (High pH)  
- Sudden Death Syndrome

- 1  
- 3  
- 5  
- 7  
- 9
NEW
3650 NX™

3.6 RM
- Very good tolerance to sudden death syndrome
- High yield potential for productive soil types
- Good stress tolerance for marginal soils
- Replaces 3679 NX with improved performance

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

4.515 NX™

4.5 RM
- Excellent tolerance to frogeye leaf spot
- Very good tolerance to sudden death syndrome
- Rps1c Phytophthora gene
- New yield leader for mid group 4

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

3871 NX™

3.8 RM
- Rps1c Phytophthora gene
- Nice balance between yield and defense
- Very good eastern movement
- High tolerance to brown stem rot

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

4051 NX™

4.0 RM
- Taller plant type with excellent row cover
- Above average tolerance to IDC (iron chlorosis)
- Western genetics with stress tolerance
- Salt excluder

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

4211 NX™

4.2 RM
- Bushy plant with moderate height
- Good SDS tolerance
- May lodge some in highly productive yield environments
- Very good stress tolerance

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

4511 NX™

4.5 RM
- Medium tall plant with good row cover
- Very good stem canker resistance
- Versatile genetics that can handle variable soil types
- Consistent performance across Kansas

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

3871 NX™

3.8 RM
- Rps1c Phytophthora gene
- Nice balance between yield and defense
- Very good eastern movement
- High tolerance to brown stem rot

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

4211 NX™

4.2 RM
- Bushy plant with moderate height
- Good SDS tolerance
- May lodge some in highly productive yield environments
- Very good stress tolerance

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

4515 NX™

4.5 RM
- Excellent tolerance to frogeye leaf spot
- Very good tolerance to sudden death syndrome
- Rps1c Phytophthora gene
- New yield leader for mid group 4

AGRONOMICS
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome
**NEW 4681 NX™**

4.6 RM
- Taller plant type with medium canopy
- Very good tolerance to sudden death syndrome
- Salt Excluder - very good tolerance to high salt soils
- Good tolerance to Phytophthora root rot

**NEW 4939 NX™**

4.9 RM
- Versatile product with a well rounded agronomic package
- High yield potential with good stress tolerance
- Excellent tolerance to charcoal rot
- Rps1c Phytophthora gene

**NEW 4757 NBX™**

4.7 RM
- Taller plant type helps with canopy closure
- Good tolerance to sudden death syndrome
- Excellent tolerance to frogeye leaf spot
- Bolt herbicide tolerance for double crop

**4969 NX™**

4.9 RM
- Late group IV Roundup Ready 2 Xtend genetics with good southern movement
- Medium tall plant with good row cover
- Above average tolerance to saturated soils
- May lodge some in highly productive environments
### 2210 NR™

**2.2 RM**
- Attractive light tawny plant with medium height
- Excellent harvest standability
- Stacked Phytophthora genes
- Well balanced product for yield and agronomics

**AGRONOMICS**
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

### 2590 NR™

**2.5 RM**
- Excellent eastern movement
- Well adapted to all row widths
- Excellent harvest standability
- Outstanding Peking SCN resistance

**AGRONOMICS**
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

### 2511 NRR™

**2.5 RM**
- Proven performer in Nebraska, South Dakota, and Western Iowa
- Peking SCN resistance
- Bushy plant type with average height
- Ability to yield with fuller season varieties in high yield environments

**AGRONOMICS**
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

### 2994 NR™

**2.9 RM**
- Late group II genetics with excellent top end yield punch
- Moderate height and plant canopy
- Excellent harvest standability
- Best placed in above average yield environments

**AGRONOMICS**
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

### 3561 NR™

**3.5 RM**
- Rps1k Phytophthora gene
- Outstanding frog eye leaf spot tolerance
- Strong field emergence
- May lodge in highly productive yield environments

**AGRONOMICS**
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome
## Soybean Brands with LibertyLink® Gene

### LL1710 N™
- **1.7 RM**
  - Elite performance with LibertyLink® trait
  - Rps1k Phytophthora gene
  - Good tolerance to iron deficiency chlorosis
  - Widely adapted product

**AGRONOMICS**
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

### LL2221 N™
- **2.2 RM**
  - Early group II LibertyLink® genetics with outstanding yield potential
  - Up and out of the ground quickly
  - Excellent tolerance to brown stem rot
  - Very good phytophthora field tolerance

**AGRONOMICS**
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

### LL2641 N™
- **2.6 RM**
  - LibertyLink® with high yield and strong defense
  - Peking SCN resistance
  - Good tolerance to iron deficiency chlorosis
  - Very good tolerance to sudden death syndrome

**AGRONOMICS**
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

### LL2850 N™
- **2.8 RM**
  - High performance LibertyLink® with broad adaptability
  - Stacked Phytophthora gene for outstanding protection in poorly drained soils
  - Versatile product with strong agronomic package
  - Excellent tolerance to frogeye leaf spot

**AGRONOMICS**
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

### LL3220 N™
- **3.2 RM**
  - Yield leader with elite LibertyLink® genetics
  - Peking SCN resistance
  - Rps1k Phytophthora gene
  - Very good tolerance to frogeye leaf spot

**AGRONOMICS**
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

### LL3628 N™
- **3.6 RM**
  - LibertyLink® with top yield potential
  - Medium height with good standability
  - Offensive style product
  - Place on well drained soils

**AGRONOMICS**
- Emergence
- Standability
- Phytophthora Field Score
- Iron Chlorosis (High pH)
- Sudden Death Syndrome

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### LL3820 N™

**3.8 RM**
- Elite LibertyLink® with broad acre adaptation
- Excellent harvest standability with above average height
- Very good tolerance to sudden death syndrome
- Rps1k Phytophthora gene

**AGRONOMICS**

<table>
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<tr>
<th></th>
<th>Emergence</th>
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</table>

4.9 RM
- Broad acre adaptation with solid performance
- Excellent yield punch with rock solid agronomics
- Above average tolerance to saturated soils
- Salt Excluder - very good tolerance to high salt soils

3.8 RM
- Offensive product for the Western Corn Belt
- Moderate plant height with good row cover
- Good frogeye leaf spot tolerance
- Good tolerance to preemerge PPO herbicides

### LL4000 N™

**4.0 RM**
- Established performance leader with LibertyLink®
- Excellent harvest standability
- Above average tolerance to saturated soils
- Very good overall disease package

**AGRONOMICS**

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</table>

4.5 RM
- Elite LibertyLink® performance for the Western Corn Belt
- Medium plant height with good standability
- Moderate salt tolerance
- Very good tolerance to stem canker

4.0 RM
- Semi-bushy plant with good branching and attractive tawny appearance at harvest
- Very good tolerance to frogeye and stem canker
- Above average tolerance to saturated soils
- Salt Excluder - very good tolerance to high salt soils

### LL4344 N™

**4.3 RM**
- Elite LibertyLink® with broad acre adaptation
- Excellent harvest standability with above average height
- Very good tolerance to sudden death syndrome
- Rps1k Phytophthora gene

**AGRONOMICS**

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</table>

4.9 RM
- Broad acre adaptation with solid performance
- Excellent yield punch with rock solid agronomics
- Above average tolerance to saturated soils
- Salt Excluder - very good tolerance to high salt soils

### LL4620 N™

**4.6 RM**
- Semi-bushy plant with good branching and attractive tawny appearance at harvest
- Very good tolerance to frogeye and stem canker
- Above average tolerance to saturated soils
- Salt Excluder - very good tolerance to high salt soils

**AGRONOMICS**

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</table>

4.9 RM
- Offensive product for the Western Corn Belt
- Moderate plant height with good row cover
- Good frogeye leaf spot tolerance
- Good tolerance to preemerge PPO herbicides

### LL4571 N™

**4.5 RM**
- Elite LibertyLink® performance for the Western Corn Belt
- Medium plant height with good standability
- Moderate salt tolerance
- Very good tolerance to stem canker

**AGRONOMICS**

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</table>

4.5 RM
- Elite LibertyLink® with broad acre adaptation
- Excellent harvest standability with above average height
- Very good tolerance to sudden death syndrome
- Rps1k Phytophthora gene

### LL4994 N™

**4.9 RM**
- Offensive product for the Western Corn Belt
- Moderate plant height with good row cover
- Good frogeye leaf spot tolerance
- Good tolerance to preemerge PPO herbicides

**AGRONOMICS**

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4.9 RM
- Offensive product for the Western Corn Belt
- Moderate plant height with good row cover
- Good frogeye leaf spot tolerance
- Good tolerance to preemerge PPO herbicides

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4.9 RM
- Offensive product for the Western Corn Belt
- Moderate plant height with good row cover
- Good frogeye leaf spot tolerance
- Good tolerance to preemerge PPO herbicides

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<td>BRAND Hybrids</td>
<td>Days to Half Bloom</td>
<td>Relative Maturity Days</td>
<td>Grain Color</td>
<td>Height</td>
<td>Head Type</td>
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<tr>
<td>H5083™*</td>
<td>58</td>
<td>100</td>
<td>Red</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>H6020™*</td>
<td>62</td>
<td>102</td>
<td>Red</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>H6036™*</td>
<td>63</td>
<td>103</td>
<td>Bronze</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>H6037™*</td>
<td>63</td>
<td>103</td>
<td>Red</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>H6064™*</td>
<td>66</td>
<td>109</td>
<td>Bronze</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>671™</td>
<td>68</td>
<td>112</td>
<td>Cream</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>H6092™*</td>
<td>69</td>
<td>116</td>
<td>Red</td>
<td>7</td>
<td>6</td>
</tr>
<tr>
<td>H6098™*</td>
<td>69</td>
<td>116</td>
<td>Red</td>
<td>6</td>
<td>5</td>
</tr>
</tbody>
</table>

**Head type rating:**
1 = Compact  
10 = Open  

**Height type rating:**
1 = Shortest  
10 = Tallest  

**Root and Stalk Strength:**
1 = Poorest  
10 = Best  

**Head Exsertion:**
3-4 = Below Average  
5-6 = Average  
7-8 = Above-Average  

**Head Smut and Fusarium rating:**
1 = Worst  
9 = Best  
NR = No Rating

---

**H5083™*: EARLY SEASON**
- Great option for double crop acres
- Excellent yield for maturity
- Moves well from Kansas to South Dakota
- Good drought tolerance

**H6036™*: EARLY TO MID-SEASON**
- Highly tolerant to sugarcane aphids
- Good drought stress tolerance
- Excellent uniformity
- Solid foliar disease package

**H6064™*: MEDIUM SEASON**
- High yield potential mid-season hybrid
- Excellent for dryland in central Kansas
- Good stalks and drought scores
- CRM of 109 days

**H6092™*: MEDIUM TO FULL SEASON**
- Excellent yield across geography
- High stalk strength score
- Excellent test weight
- High sugar cane aphid tolerance

**H6020™*: EARLY TO MID-SEASON**
- Slightly taller for maturity
- Good stalks and very good roots
- Adapts well to central and northwest Kansas
- Highly suitable to drought prone soils

**H6037™*: EARLY TO MID-SEASON**
- Competes for yield with mid-season hybrids
- Very good stalks
- Well-adapted for most of Kansas
- Highly suitable to drought prone soils

**671™*: MEDIUM SEASON**
- The standard cream colored seeded hybrid
- Lacks height uniformity but uniform head type
- Moves north well
- Good drought stress tolerance

**H6098™*: MEDIUM TO FULL SEASON**
- High yield potential for maturity
- Suitable for dryland and irrigation
- Suitable for eastern Kansas and Missouri
- Good stalks and roots

---
## Forage Sorghum Seeding Rates

<table>
<thead>
<tr>
<th>BRAND Hybrids</th>
<th>Harvest Days from Planting</th>
<th>Plant Height*</th>
<th>Grain Color</th>
<th>Standability Rating**</th>
<th>Average Seeds Per Pound</th>
<th>Plating Rate Seeds Per Acre</th>
<th>Planting Rate Pounds Per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>F268 BMR™</td>
<td>105-110</td>
<td>6'-7'</td>
<td>Red</td>
<td>6</td>
<td>18 to 20K</td>
<td>40 to 75K</td>
<td>2 to 5 lbs</td>
</tr>
<tr>
<td>F252 BMR™</td>
<td>85-90</td>
<td>6.5'-7'</td>
<td>Red</td>
<td>8</td>
<td>17 to 19K</td>
<td>50 to 90K</td>
<td>3 to 6 lbs</td>
</tr>
<tr>
<td>Bale-All BMR™</td>
<td>70-80</td>
<td>8'-9'</td>
<td>Sterile</td>
<td>7</td>
<td>13 to 15K</td>
<td>50 to 90K</td>
<td>4 to 7 lbs</td>
</tr>
</tbody>
</table>

* Plant height will vary by planting dates and location  ** Standability ratings based on a scale of 1-9, 9=Best

## MEDIUM TO FULL MATURITY
- Newest generation of BMR Forage Sorghum, that is a Brachytic Dwarf. Shorter internode length for increased standability and still makes tonnage of taller forages
- Benefits from lower stem lignin concentrations for high quality feed value
- Normally can be harvested 90 days for F252 BMR or 110 for F268 BMF after seeding. Protein content will decline as harvest is delayed, but energy will increase upon heading because of continued sugar formation in the plant

GRAZING NOT RECOMMENDED

## Forage Sudan Seeding Rates

<table>
<thead>
<tr>
<th>BRAND Variety</th>
<th>Harvest Maturity</th>
<th>Forage Use</th>
<th>Drought Stress</th>
<th>Produces Grain Head</th>
<th>Average Seeds Per Pound</th>
<th>Plating Rate Seeds Per Acre</th>
<th>Planting Rate Pounds Per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMR 2™</td>
<td>55-65 days to boot stage</td>
<td>Hay, graze, silage or green chop</td>
<td>Excellent</td>
<td>Yes, but harvest prior to heading</td>
<td>13 to 15K</td>
<td>120 to 180K</td>
<td>8 to 15 lbs</td>
</tr>
<tr>
<td>Gainer™</td>
<td>70 days to boot stage</td>
<td>Hay, graze, silage or green chop</td>
<td>Excellent</td>
<td>Yes, but harvest prior to heading</td>
<td>19 to 21K</td>
<td>240 to 400K</td>
<td>12 to 20 lbs</td>
</tr>
</tbody>
</table>

Planting rates will vary significantly in geographic areas.

## MEDIUM MATURITY
- Significantly lower lignin from this BMR Sudan
- BMR2 has exceptional palatability
- Good regrowth makes this variety ideal for grazing
- BMR2 will form grain however protein will decrease
- Recommend harvest before grain fill in most areas

## MEDIUM TO FULL MATURITY
- Fine, sweet, very juicy stems, highly nutritious
- Wider leaves and longer than many other Sudan hybrids
- Very fast regrowth after cutting
- Exceptional heat and drought tolerance
- Excellent for rotational grazing
### Forage Sorghum Seeding Rates

<table>
<thead>
<tr>
<th>BRAND</th>
<th>Variety</th>
<th>Harvest Days</th>
<th>Plant Height*</th>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**ALFALFA VARIETIES**
## ALFALFA RATINGS AND CHARACTERISTICS

### HIGH RETURN VARIETIES

<table>
<thead>
<tr>
<th>BRAND Variety</th>
<th>Fall Dormancy Rating</th>
<th>Winter Survival Rating</th>
<th>Yield Rating</th>
<th>Salt Tolerance</th>
<th>Phytophthora</th>
<th>Aphanomyces Race 1</th>
<th>Aphanomyces Race 2</th>
<th>Bacterial Wilt</th>
<th>Verticillium Wilt</th>
<th>Fusarium Wilt</th>
<th>Anthracnose</th>
<th>Pea Aphid</th>
<th>Stem Nematode</th>
<th>Multifoliate Expression</th>
</tr>
</thead>
<tbody>
<tr>
<td>463 RR™</td>
<td>4</td>
<td>2.0</td>
<td>High NR HR R</td>
<td>R R</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>R</td>
<td>MR</td>
<td>Low</td>
<td>High Resistance</td>
<td>High Resistance</td>
</tr>
<tr>
<td>Hi-Gest 360™</td>
<td>3</td>
<td>1.5</td>
<td>High NR HR R</td>
<td>R R</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>MR</td>
<td>HR</td>
<td>Moderate</td>
<td>Moderate Resistance</td>
<td>Moderate Resistance</td>
</tr>
<tr>
<td>Rugged™</td>
<td>3</td>
<td>1.0</td>
<td>Medium T HR</td>
<td>HR</td>
<td>MR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>MR</td>
<td>HR</td>
<td>Low</td>
<td>High Resistance</td>
<td>Moderate Resistance</td>
</tr>
<tr>
<td>457™</td>
<td>4</td>
<td>2.0</td>
<td>High T HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>R R</td>
<td>Moderate</td>
<td>Medium</td>
<td>High Resistance</td>
<td>Moderate Resistance</td>
</tr>
<tr>
<td>469™</td>
<td>4</td>
<td>1.5</td>
<td>High NR HR</td>
<td>HR</td>
<td>MR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>HR</td>
<td>MR HR</td>
<td>Low</td>
<td>High Resistance</td>
<td>Moderate Resistance</td>
<td>Low</td>
</tr>
</tbody>
</table>

HR = High Resistance  
MR = Moderate Resistance  
R = Resistance  
HT = High Tolerance  
T = Tolerance  
NR = No Rating  

NEW VARIETIES IN GREEN

### NEW 463 RR™
- Features the Roundup Ready Trait
- Fall Dormancy 4 with high yield potential
- Good overall disease package
- Not recommended for high salt soils

### HI-GEST 360™
- Produces high tonnage and high quality alfalfa
- Fall dormancy 3
- Medium tall plants with a high stem count and dense canopy
- Excellent overall disease package

### RUGGED™
- Tolerates grazing, compaction, and related production challenges
- Fall dormancy 3 with excellent winter hardiness
- Good tolerance for high salt/saline soils
- The most popular Hoegemeyer Alfalfa brand

### 457™
- Features Hi-Salt salinity tolerance
- Fall Dormancy 4 with top yield potential
- Aggressive seedling growth for rapid stand establishment
- Excellent forage quality

Genuity® and Roundup Ready® are registered trademarks used under license from Monsanto Company.

Do not export alfalfa seed or crops containing Genuity® Roundup Ready® technology including hay or hay products, to China pending import approval. In addition, due to the unique cropping practices, do not plant this product in Imperial County, California.

Always Read and Follow Pesticide Label Directions. Alfalfa with the Genuity® Roundup Ready® technology provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions. Glyphosate agricultural herbicides will kill crops that are not tolerant to glyphosate. ACCIDENTAL APPLICATION OF INCOMPATIBLE HERBICIDES TO THIS VARIETY COULD RESULT IN TOTAL CROP LOSS.
When planting Bt products, you are required to plant a non-Bt refuge. Guidelines on IRM Compliance are illustrated on this page. For more specific details on refuge, contact the Hoegemeyer office at 1-800-AG LINE 1, and we will provide detailed information.

### COMPARISON OF CORN REFUGE REQUIREMENTS

<table>
<thead>
<tr>
<th>Corn Growing Areas % Refuge</th>
<th>Cotton Growing Areas % Refuge</th>
<th>Configurations</th>
<th>Consecutive Rows Planted in Strips</th>
</tr>
</thead>
<tbody>
<tr>
<td>5% non-corn borer Bt corn</td>
<td>20% non-corn borer Bt corn</td>
<td>Separate Field, Block, Perimeter, Split Planter</td>
<td>Split Planter four rows (six rows preferred)</td>
</tr>
<tr>
<td>20% non-corn borer Bt corn</td>
<td>50% non-corn borer Bt corn</td>
<td>Separate Field, Block, Perimeter, Split Planter</td>
<td>Split Planter four rows (six rows preferred)</td>
</tr>
<tr>
<td>20% non-Bt corn</td>
<td>50% non-Bt corn</td>
<td>Block, Split Planter, Perimeter, Adjacent Field</td>
<td>Split Planter six rows (twelve rows preferred)</td>
</tr>
</tbody>
</table>

**CORN BORER CORN REFUGE CONFIGURATION OPTIONS**

- **Separate Field**
- **Block**
- **Perimeter**
- **Split Planter**

**COTTON GROWING AREAS**

- **Block**
- **Refuge**

50% Refuge

---

**Before opening a bag of seed, be sure to read and understand the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed set forth in the technology agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.**
IMPORTANT: Characteristic scores provide key information useful in selecting and managing products in your area. Information and ratings are based on comparisons with other products sold by Hoegemeyer. Information and scores are assigned by Hoegemeyer and are based on period-of-years testing through 2019 harvest, and were the latest available at time of printing. Some scores may change after 2020 harvest. Scores represent an average of performance data across areas of adaptation, multiple growing conditions, and a wide range of both climate and soil types, and may not predict future results.

Individual product responses are variable and subject to a variety of environmental, disease and pest pressures. Please use this information as only one component of your product positioning decision.

 Varieties with the Glyphosate Tolerant trait
Soybeans with Roundup Ready 2 Xtend® technology contain genes that confer tolerance to glyphosate and dicamba. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

Enlist E3™ soybeans were jointly developed by Dow AgroSciences and MS Technologies. The Enlist weed control system is owned by Dow AgroSciences LLC. Enlist Duo and Enlist One herbicides are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.

Components of LumiGEN® “technologies for soybeans are applied at a Corteva Agriscience® Agriculture Division of DowDuPont production facility, or by an independent sales representative of Corteva Agriscience or its affiliate. Not all sales representatives offer treatment services, and costs and other charges may vary. See your sales representative for details. Seed applied technologies exclusive to Corteva Agriscience and its affiliates.

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ILEVO® is a registered trademark of Bayer.

DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO SOYBEANS WITH Roundup Ready 2 Xtend® technology unless you use a dicamba herbicide product that is specifically labeled for that use in the location where you intend to make the application. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION OF ANY DICAMBA HERBICIDE PRODUCT ON SOYBEANS WITH Roundup Ready 2 Xtend® technology, OR ANY OTHER PESTICIDE APPLICATION, UNLESS THE PRODUCT LABELING SPECIFICALLY AUTHORIZES THE USE. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with soybeans with Roundup Ready 2 Xtend® technology. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.

Soybeans with Roundup Ready 2 Xtend® technology contain genes that confer tolerance to glyphosate and dicamba. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Roundup Ready 2 Xtend® is a registered trademark of Monsanto Technology LLC used under license

Bolt: Always follow stewardship practices in accordance with the Product Use Guide (PUG) or other product-specific stewardship requirements including grain marketing and pesticide label directions. Varieties with BOLT® technology provide excellent plant-back flexibility for soybeans following application of SU (sulfonylurea) herbicides such as DuPont® LeadOFF® or DuPont® Fusion® applied to wheat the previous fall.

Varieties with the DuPont® STS® gene (STS) are tolerant to certain SU (sulfonylurea) herbicides. This technology allows post-emergent applications of DuPont™ Synchrony® XP and DuPont™ Classic® herbicides without crop injury or stress (see herbicide product labels). NOTE: A soybean variety with a herbicide tolerant trait does not confer tolerance to all herbicides. Spraying herbicides not labeled for a specific soybean variety will result in severe plant injury or plant death. Always read and follow herbicide label directions and precautions for use.

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