Innoculant

Preside® CL soybean inoculant brings more nitrogen into the plant by adding more nodules and making more efficient use of supplied nitrogen. Early nodulation creates more secondary and feeder roots for potentially more nodulation sites, which increases nutrient uptake and creates greater yield potential.

- Up to 4x more rhizobia (Bradyrhizobium japonicum) with multiple strains for more consistency
- Up to 65 percent more nodulation and nodule masses, increasing nitrogen-fixing capacity
- Bigger nitrogen ‘engine’ to support greater yield potential
- Faster canopy closure to capture more light and preserve soil moisture

Preside® CL improves stand establishment by up to 20 percent. Replicated trials in 2014 showed that this new inoculant improved yields in 90% of the comparisons. It has more than two times the return of base inoculants and nearly a 5 Bu./A advantage when compared to no inoculant.

Fungicide + Insecticide

- Provides excellent, broad spectrum disease and insect control
- Improves stand establishment and allows plant to maximize yield potential
- Imidacloprid insecticide for excellent control of over-wintering bean leaf beetle, wireworms, grubs, aphids, thrips and seed corn maggots.
- Fludioxonil provides outstanding, early season protection from damping off, seedling blight and decay
- High rate of metalaxyl for protection of Pythium & Phytophthora
- The only fungicide available that controls both pod blight and seed-borne Sclerotinia
- Contains SHDI fungicide active; thiophanatemethyl to increase the broad spectrum control including rhizoctonia and fusarium
- Improves stand establishment, plant vigor and protects yield potential
- Seed and equipment friendly formulation - no sticky beans, great flowability
- Rhizobia and bio-stimulant friendly
Nutrient Assimilator

More retailers and growers are using foliar-applied nutrient technology such as Take Off on corn, wheat and soybeans as part of their overall fertility program.

The effectiveness of Take Off is proven through research on a diverse range of crops, including corn, soybeans, wheat, rice, cotton, barley, alfalfa, tomatoes, lettuce, cantaloupe and switchgrass.

- More efficient use of nutrients
- Faster germination and emergence
- Stronger, healthier plants
- Greater yield potential

Don't mistake Take Off for a plant growth hormone that affects a limited aspect of plant growth, such as cell elongation. Take Off is different - it works inside the plant, not on the nutrients in the soil as is the case with many other products.

This creates a faster running internal system, which increases carbon fixation and metabolism, fueling faster plant growth and the ability to capture more nutrients from the soil. In turn, this technology enhances how the plant uses other nutrients such as phosphorus and sulfur, delivering increased plant vigor, growth and productivity.

As Take Off increases carbon fixation and metabolism, it stimulates N uptake and utilization. This allows the plant to create more roots and shoots to access more nutrients in the soil. Take Off doesn't just build a bigger root system; it helps build the entire plant.

As the plant continues its growth processes such as photosynthesis and root development, more nutrients are utilized. More N utilization results in larger stalks and leaves, faster and denser canopy development, and optimum yield potential. Larger, healthier plants are able to catch more sunlight, take up more nutrients and more easily fend off yield-limiting stressors.

Take Off can be applied as a seed treatment or with foliar or soil applications commonly timed with post-emergence herbicide, insecticide and fungicide applications. When applied in sequential foliar treatments, Take Off enhances plant vigor. When applied in consecutive applications, Take Off has been shown to increase root development and nodulation on soybeans.

Quicker Canopy Closure

Competitive Standard Preside CL


BAMBAUER FERTILIZER & SEED, INC.
888-MAX-CROP
www.bambauerfertilizer.com
**SOYBEANS**

Distributed By ProHarvest Seeds Inc.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trait</th>
<th>Relative Maturity</th>
<th>Plant Height</th>
<th>Canopy/Plant Height</th>
<th>Emergence</th>
<th>Standability</th>
<th>Stress Tolerance</th>
<th>PRR Resistance</th>
<th>Brown Stem Rot</th>
<th>SDS Tolerance</th>
<th>No Till Adaptability</th>
</tr>
</thead>
<tbody>
<tr>
<td>AE2800</td>
<td>Enlist E3</td>
<td>2.7</td>
<td>Med Tall</td>
<td>Medium</td>
<td>VG</td>
<td>VG</td>
<td>VG</td>
<td>1k</td>
<td>EX</td>
<td>VG</td>
<td>VG</td>
</tr>
<tr>
<td>AE2900</td>
<td>Enlist E3</td>
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<td>Medium</td>
<td>VG</td>
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<td>VG</td>
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<td>AE3200</td>
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<td>Medium</td>
<td>VG</td>
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<td>VG</td>
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<tr>
<td>AE3400</td>
<td>Enlist E3</td>
<td>3.4</td>
<td>Med-Tall</td>
<td>Thin</td>
<td>VG</td>
<td>EX</td>
<td>EX</td>
<td>1c</td>
<td>S</td>
<td>F</td>
<td>VG</td>
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<tr>
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<td>VG</td>
<td>EX</td>
<td>None</td>
<td>EX</td>
<td>VG</td>
<td>VG</td>
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<tr>
<td>AE3700</td>
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<td>Medium</td>
<td>Medium</td>
<td>VG</td>
<td>VG</td>
<td>EX</td>
<td>None</td>
<td>G</td>
<td>VG</td>
<td>VG</td>
</tr>
</tbody>
</table>

**Enlist E3 – Enlist E3™ soybean**

**NEW**

**AE2900**  
**ENLIST E3**  
**2.9 RM**

- Excels in Illinois and east
- Moves south well as an early line
- Great standability

**NEW**

**AE3400**  
**ENLIST E3**  
**3.4 RM**

- Upright plant that clusters pods at the top
- Good frogeye and charcoal rot scores
- Excels from Central IL and east

**PROVEN**

**AE2800**  
**ENLIST E3**  
**2.7 RM**

- Medium-tall line that works anywhere
- Handles stress very well
- Out-performs all LL lines in its maturity

**PROVEN**

**AE3500**  
**ENLIST E3**  
**3.5 RM**

- Great combination of offense and defense
- Adaptable to variable soils
- Mr. Consistency

**PROVEN**

**AE3700**  
**ENLIST E3**  
**3.7 RM**

- Very strong agronomically
- Adaptable to variable soils
- Topped yield trials for 2 consecutive years

---

Apex is a Trademark of M.S. Technologies, L.L.C. West Point, IA.
### AE2800

**Trait Options**
- Xtend
- Enlist
- LL/GT27
- Conventional

**2.7 RM**

#### Geographic Adaptation
- Western: West of Miss. River
- Central: (1-55 to 60)
- Eastern: East of Miss. River

#### PRO-FIT Placement
- HR: Medium Tall line that works anywhere
- HR: Handle stress very well
- HR: Out-performs all LL lines in its maturity
- HR: Uniform line with great eye appeal

#### General Characteristics
- **Plant Height**: Medium Tall
- **Yield for Maturity**: Excellent
- **Canopy/Plant type**: Medium Emergence
- **Growth Habit**: Medium Standability
- **Flower Color**: White
- **Hilum Color**: Buff
- **Pod Color**: Tan
- **Pubescence**: Gray
- **Protein**: NA
- **Oil**: NA

#### Agronomic Features
- **Soil Placement**: Light Soils, Low O.M., Low CEC, Low water holding capacity.
- **Recommended Seeding Rates**: Row Width 120/130, 135/145, 159/160
- **Herbicide Tolerance**: Conventional, Dicamba

#### Disease Tolerance
- **Brown Stem Rot**: Excellent
- **Frogeye Leaf Spot**: NA
- **Iron Chlorosis**: Very Good
- **Phytophthora Field Tol.**: Excellent
- **SDS Tolerance**: Very Good
- **Stem Canker**: NA
- **White Mold**: NA
- **Root Knot**: NA

#### Soil Placement
- **Light Soils, Low O.M., Low CEC, Low water holding capacity.**
- **Medium Soils, O.M. 1.5-3.5%, CEC 1-20. Good productivity, well drained soil.**
- **Heavy Soils, High O.M. >3.5%, CEC >20, Drained highly productive with deep top soil.**
- **Poorly Drained Soils: Soils that tend to remain saturated for extended periods of time.**

### AE2900

**Trait Options**
- Xtend
- Enlist
- LL/GT27
- Conventional

**2.9 RM**

#### Geographic Adaptation
- Western: West of Miss. River
- Central: (1-55 to 60)
- Eastern: East of Miss. River

#### PRO-FIT Placement
- HR: Moves South well for early season variety
- HR: Moves North well for full season variety
- HR: Moves south well as an early line
- HR: Sets the standard for Late group 2 maturity

#### General Characteristics
- **Plant Height**: Medium
- **Yield for Maturity**: Excellent
- **Canopy/Plant type**: Medium Emergence
- **Growth Habit**: Upright Standability
- **Flower Color**: Purple
- **Hilum Color**: Imp. Black
- **Pod Color**: Brown
- **Pubescence**: Gray
- **Protein**: NA
- **Oil**: NA

#### Agronomic Features
- **Soil Placement**: Light Soils, Low O.M., Low CEC, Low water holding capacity.
- **Recommended Seeding Rates**: Row Width 120/130, 135/145, 159/160
- **Herbicide Tolerance**: Conventional, Dicamba

#### Disease Tolerance
- **Brown Stem Rot**: Fair
- **Frogeye Leaf Spot**: NA
- **Iron Chlorosis**: Very Good
- **Phytophthora Field Tol.**: Very Good
- **SDS Tolerance**: Fair
- **Stem Canker**: NA
- **White Mold**: NA
- **Root Knot**: NA

#### Soil Placement
- **Light Soils, Low O.M., Low CEC, Low water holding capacity.**
- **Medium Soils, O.M. 1.5-3.5%, CEC 1-20. Good productivity, well drained soil.**
- **Heavy Soils, High O.M. >3.5%, CEC >20, Drained highly productive with deep top soil.**
- **Poorly Drained Soils: Soils that tend to remain saturated for extended periods of time.**

Population ranges are listed in 1000 seeds/acre

<table>
<thead>
<tr>
<th>Herbsicde Tolerance</th>
<th>Conventional</th>
<th>Dicamba</th>
<th>Glyphosate</th>
<th>2,4-D</th>
<th>Glufosinate</th>
<th>Callisto</th>
<th>Sulfonurea</th>
<th>Isoxaxiflutol</th>
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</thead>
<tbody>
<tr>
<td>Row Width 120/130</td>
<td>HR</td>
<td>HR</td>
<td>R</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Row Width 135/145</td>
<td>HR</td>
<td>HR</td>
<td>R</td>
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<tr>
<td>Row Width 159/160</td>
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### AE3200

<table>
<thead>
<tr>
<th>Trait Options</th>
<th>Geographic Adaptation</th>
<th>PRO-FIT Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AE3200</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Xcend</td>
<td>HR</td>
<td>Exciting new germplasm</td>
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<tr>
<td>Enlist</td>
<td>HR</td>
<td>A tough guy that can handle stress</td>
</tr>
<tr>
<td>L/1GT27</td>
<td>HR</td>
<td>Broad shouldered for good and quick canopy</td>
</tr>
<tr>
<td>Conventional</td>
<td>HR</td>
<td>Setting the standard for early group 3 Enlist</td>
</tr>
<tr>
<td><strong>3.2 RM</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**General Characteristics**

- **Plant Height:** Med-Tall
- **Canopy/Plant type:** Medium
- **Growth Habit:** Branching
- **Flower Color:** Purple
- **Hilum Color:** Imp.
- **Pod Color:** Tan
- **Pubescence:** Gray
- **Protein:** NA
- **Oil:** NA

**Agronomic Features**

- **Yield for Maturity:** Very Good
- **Emergence:** Very Good
- **Stress Resistance:** Very Good
- **Phytophthora Res. Source:** NA
- **Adaptability:** Excellent
- **SCN Resistance Source:** NA
- **No-Till Adaptability:** Excellent
- **Stem Canker:** NA
- **Root Knot:** NA

**Soil Placement**

- **Row Width:** 120/130, 135/145, 150/160
- **Recommended Seeding Rates:** NA

**Herbicide Tolerance**

- **Conventional:** Dicamba
- **Herbicide:** Glyphosate
- **Glufosinate:** Callisto
- **Sulfonelurea:** Isoxoflutol

**Disease Tolerance**

- **Brown Stem Rot:** Excellent
- **Frogeye Leaf Spot:** Very Good
- **Iron Chlorosis:** Excellent
- **Phytophthora Field Tol.:** Very Good
- **SDS Tolerance:** NA
- **White Mold:** NA
- **Stem Canker:** NA
- **Root Knot:** NA

### AE3400

<table>
<thead>
<tr>
<th>Trait Options</th>
<th>Geographic Adaptation</th>
<th>PRO-FIT Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AE3400</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Xcend</td>
<td>HR</td>
<td>Upright plant that clusters pods at the top</td>
</tr>
<tr>
<td>Enlist</td>
<td>HR</td>
<td>Good frogeye and charcoal rot scores</td>
</tr>
<tr>
<td>L/1GT27</td>
<td>HR</td>
<td>Excels from Central IL and east</td>
</tr>
<tr>
<td>Conventional</td>
<td>HR</td>
<td>New germplasm, complements 3548E</td>
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<tr>
<td><strong>3.4 RM</strong></td>
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<td></td>
</tr>
</tbody>
</table>

**General Characteristics**

- **Plant Height:** Med-Tall
- **Canopy/Plant type:** Thin
- **Growth Habit:** Upright
- **Flower Color:** Purple
- **Hilum Color:** Black
- **Pod Color:** Tan
- **Pubescence:** Lt. Tawny
- **Protein:** NA
- **Oil:** NA

**Agronomic Features**

- **Yield for Maturity:** Excellent
- **Emergence:** Very Good
- **Shatter Resistance:** Very Good
- **Phytophthora Res. Source:** NA
- **Adaptability:** Very Good
- **Stem Canker:** NA
- **Root Knot:** NA

**Soil Placement**

- **Row Width:** 110/130, 135/145, 150/160
- **Recommended Seeding Rates:** HR

**Herbicide Tolerance**

- **Conventional:** Dicamba
- **Herbicide:** Glyphosate
- **Glufosinate:** Callisto
- **Sulfonelurea:** Isoxoflutol

**Disease Tolerance**

- **Brown Stem Rot:** Susceptible
- **Frogeye Leaf Spot:** Very Good
- **Iron Chlorosis:** Fair
- **Phytophthora Field Tol.:** Very Good
- **SDS Tolerance:** Fair
- **White Mold:** NA
- **Stem Canker:** NA
- **Root Knot:** NA

---

**Notes:**

- **HR:** Highly Recommended
- **R:** Recommended
- **NR:** Not Recommended
- **Population ranges are listed in 1000 seeds/lb.**
### AE3500

<table>
<thead>
<tr>
<th>Trait Options</th>
<th>Geographic Adaptation</th>
<th>PRO-FIT Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xtend</td>
<td>Western</td>
<td>HR</td>
</tr>
<tr>
<td>Enlist</td>
<td>West of Miss. River</td>
<td>HR</td>
</tr>
<tr>
<td>LL/GT27</td>
<td>Central (30°-66°)</td>
<td>HR</td>
</tr>
<tr>
<td>Conventional</td>
<td>Eastern</td>
<td>HR</td>
</tr>
<tr>
<td></td>
<td>Moves South well for early season variety</td>
<td>HR</td>
</tr>
<tr>
<td></td>
<td>Moves North well for full season variety</td>
<td>HR</td>
</tr>
</tbody>
</table>

**General Characteristics**
- Plant Height: Med Tall
- Canopy/Plant type: Medium
- Growth Habit: Medium
- Flower Color: Purple
- Hilum Color: Imp. Black
- Pod Color: Tan
- Pubescence: Gray
- Protein: NA
- Oil: NA

**Agronomic Features**
- Yield for Maturity: Excellent
- Emergence: Very Good
- Standability: Very Good
- Shatter Resistance: Very Good
- Stress Tolerance: Excellent
- SCN Resistance Source: PI88788
- Phytophthora Res. Source: NA
- No-Till Adaptability: Very Good
- Cover Crop Companion: Very Good

**Soil Placement**
- Light Soils: Low O.M., Low water holding capacity
- Medium Soils: 0.1-3.5%, CEC 11-20, productivity, well drained silty loams
- Heavy Soils: High O.M. >3.5%, CEC >20, well drained highly productive with deep top soil
- Poorly Drained Soils: Soils that tend to remain saturated for extended periods of time

**Recommended Seeding Rates**
- Row Width: 120/130, 135/145, 150/160

**Herbicide Tolerance**
- Conventional: Dicamba
- Glyphosate
- 2,4-D
- Glufosinate
- Callisto
- Sulfonelurea
- Isoxoflutan

**Disease Tolerance**
- Brown Stem Rot: Susceptible
- Frogeye Leaf Spot: Excellent
- Iron Chlorosis: Excellent
- Phytophthora Field Tols.: Excellent
- SDS Tolerance: Good
- White Mold: NA
- Stem Canker: Excellent
- Root Knot: NA

### AE3701S

<table>
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<th>Geographic Adaptation</th>
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<tbody>
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<td>HR</td>
</tr>
<tr>
<td>Enlist</td>
<td>West of Miss. River</td>
<td>HR</td>
</tr>
<tr>
<td>LL/GT27</td>
<td>Central (30°-66°)</td>
<td>HR</td>
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<tr>
<td>Conventional</td>
<td>Eastern</td>
<td>HR</td>
</tr>
<tr>
<td></td>
<td>Moves South well for early season variety</td>
<td>HR</td>
</tr>
<tr>
<td></td>
<td>Moves North well for full season variety</td>
<td>HR</td>
</tr>
</tbody>
</table>

**General Characteristics**
- Plant Height: Med-Tall
- Canopy/Plant type: Med-Thin
- Growth Habit: Upright
- Flower Color: White
- Hilum Color: Buff
- Pod Color: Brown
- Pubescence: Gray
- Protein: NA
- Oil: NA

**Agronomic Features**
- Yield for Maturity: Excellent
- Emergence: Excellent
- Standability: Excellent
- Shatter Resistance: Very Good
- Stress Tolerance: Excellent
- SCN Resistance Source: PI88788
- Phytophthora Res. Source: 1k
- No-Till Adaptability: Excellent
- Cover Crop Companion: Very Good

**Soil Placement**
- Light Soils: Low O.M., Low water holding capacity
- Medium Soils: 0.1-3.5%, CEC 11-20, productivity, well drained silty loams
- Heavy Soils: High O.M. >3.5%, CEC >20, well drained highly productive with deep top soil
- Poorly Drained Soils: Soils that tend to remain saturated for extended periods of time

**Recommended Seeding Rates**
- Row Width: 120/130, 135/145, 150/160

**Herbicide Tolerance**
- Conventional: Dicamba
- Glyphosate
- 2,4-D
- Glufosinate
- Callisto
- Sulfonelurea
- Isoxoflutan

**Disease Tolerance**
- Brown Stem Rot: Susceptible
- Frogeye Leaf Spot: Excellent
- Iron Chlorosis: Excellent
- Phytophthora Field Tols.: Excellent
- SDS Tolerance: Good
- White Mold: NA
- Stem Canker: Excellent
- Root Knot: NA
### YIELD ENVIRONMENTS
- Highly Productive
- Moderate
- Low-stress

### PLANTING
- Early Planting
- Late Planting
- Wide Rows
- Narrow Rows
- No-till

### SOIL ADAPTABILITY
- Drought-prone
- High pH Soils
- Poorly Drained

### AGRONOMICS
- Emergence
- Harvest Standability
- Shatter Resistance
- Flood Tolerance
- Chloride Sensitivity

### DISEASE TOLERANCE
- Phy. Field Tolerance
- Sudden Death Syndrome
- White Mold
- Brown Stem Rot
- Frogeye Leaf Spot
- Iron Deficiency
- Stem Canker
- Root-knot Nematode
- Charcoal Rot

### PATHOGEN RESISTANCE
- Phytophthora Race Resistance: Rps1k
- SCN Source: PI88788
- Soybean Cyst Nematode: R3, MR14

### CHARACTERISTICS
- Canopy Type: Medium-Bushy
- Plant Height: Medium
- Flower Color: Purple
- Pubescence: Gray
- Pod Color: Tan
- Hilum Color: IB

### KEY
- Highly Suitable - Key Strength
- Suitable - Meets Standards
- Caution - Manage Appropriately
- Strong Caution - Limitation
- Rating Not Available

**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 Mycogen Seeds. Information and scores are assigned by Mycogen Seeds and are based on period-of-years testing through 2018 harvest and were the latest available at time of printing. Some scores may change after 2019 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.

Enlist E3™ soybeans can be sprayed with Enlist herbicides, glyphosate and glufosinate, providing multiple options for weed control needs.
Reliable performance potential across most acres with solid agronomics and good tolerance for SDS, Phytophthora and frogeye leaf spot.

- Strong emergence and standability.
- Multi-race Phytophthora genetic resistance and good field tolerance.
- Moderate SDS tolerance.
- Position away from acres at high risk of white mold and charcoal rot.
Every bag of ProHarvest-brand soybeans is selected with you in mind. That’s because it is our job to bring you the best products for your farm. Our 2020 soybean lineup is more comprehensive and diverse than ever.

You will notice that we have chosen products with strong agronomic traits, pest resistance, disease tolerance, excellent emergence and standability. Our expertise on specific tillage systems and agronomic practices will enhance product performance.

### ProHarvest Variety Traits

<table>
<thead>
<tr>
<th>Variety</th>
<th>Trait</th>
<th>Relative Maturity</th>
<th>Plant Height</th>
<th>Canopy/Plant Height</th>
<th>Emergence</th>
<th>Standability</th>
<th>Stress Tolerance</th>
<th>PRR Resistance</th>
<th>Brown Stem Rot</th>
<th>SDS Tolerance</th>
<th>No Till Adaptability</th>
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<tbody>
<tr>
<td>2827X</td>
<td>Xtend</td>
<td>2.8</td>
<td>Med.-Tall</td>
<td>Medium</td>
<td>EX</td>
<td>VG</td>
<td>EX</td>
<td>1c</td>
<td>EX</td>
<td>VG</td>
<td>EX</td>
</tr>
<tr>
<td>3138X</td>
<td>Xtend</td>
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<td>Medium</td>
<td>Medium</td>
<td>VG</td>
<td>VG</td>
<td>EX</td>
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<tr>
<td>3638X</td>
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<td>3.6</td>
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<td>Med-Bush</td>
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<td>VG</td>
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<tr>
<td>3738X</td>
<td>Xtend</td>
<td>3.7</td>
<td>Med-Tall</td>
<td>Med-Bush</td>
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<td>VG</td>
<td>1c</td>
<td>NA</td>
<td>VG</td>
<td>VG</td>
</tr>
</tbody>
</table>

**EX = EXCELLENT • VG = VERY GOOD • G = GOOD • F = FAIR • S= SUSCEPTIBLE • P = POOR**

**XTEND – Roundup Ready 2 Xtend ® Soybeans**
### 2827X

<table>
<thead>
<tr>
<th>Trait Options</th>
<th>Geographic Adaptation</th>
<th>PRO-FIT Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xtend</td>
<td>Western</td>
<td>HR</td>
</tr>
<tr>
<td>Enlist</td>
<td>West of Miss. River</td>
<td>HR</td>
</tr>
<tr>
<td>LL/GT27</td>
<td>Central (63-1165)</td>
<td>HR</td>
</tr>
<tr>
<td>Conventional</td>
<td>Eastern</td>
<td>HR</td>
</tr>
</tbody>
</table>

- **Plant Height**: Med.-Tall
- **Yield for Maturity**: Excellent
- **Brown Stem Rot**: Excellent
- **Frogeye Leaf Spot**: NA
- **Iron Chlorosis**: Very Good
- **Phytophthora Field Tol.**: Excellent
- **SDS Tolerance**: Excellent
- **White Mold**: Very Good
- **Stem Canker**: NA
- **Root Knot**: NA
- **Cover Crop Companion**: Excellent

### Soil Placement

<table>
<thead>
<tr>
<th>Recommended Seeding Rates</th>
<th>Herbicide Tolerance</th>
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</thead>
<tbody>
<tr>
<td>HR 120/130 135/145 150/160</td>
<td>Conventional Dicamba</td>
</tr>
<tr>
<td>HR 30° Rows HR HR R</td>
<td>Glyphosate 2,4-D</td>
</tr>
<tr>
<td>HR Twin Rows HR HR R</td>
<td>Glyphosate 2,4-D</td>
</tr>
<tr>
<td>HR 20° Rows NR R R</td>
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</tr>
<tr>
<td>HR &lt;20° rows NR R R</td>
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</tr>
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### 3138X

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</tr>
<tr>
<td>Conventional</td>
<td>Eastern</td>
<td>HR</td>
</tr>
</tbody>
</table>

- **Plant Height**: Medium
- **Yield for Maturity**: Excellent
- **Brown Stem Rot**: Very Good
- **Frogeye Leaf Spot**: Excellent
- **Iron Chlorosis**: Good
- **Phytophthora Field Tol.**: Excellent
- **SDS Tolerance**: Excellent
- **White Mold**: Good
- **Stem Canker**: NA
- **Root Knot**: NA
- **Cover Crop Companion**: Excellent

### Soil Placement

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*Population ranges are listed in 1000 seeds/acre*
### 3638X

**Trait Options**
- Xtend
- Enlist
- LL/GT27
- Conventional

**Geographic Adaptation**
- Western: Moves South well for early season variety
- Central: Moves North well for full season variety

**PRO-FIT Placement**
- Excellent performance record
- Strong disease package
- Solid disease package
- Med-Tall, med-bush plant will fill rows quickly

**General Characteristics**
- Plant Height: Med-Tall
- Canopy/Plant Type: Med-Bush
- Growth Habit: Upright
- Flower Color: White
- Hilum Color: Black

**Agronomic Features**
- Yield for Maturity: Excellent
- Emergence: Excellent
- Standability: Very Good
- Shatter Resistance: Excellent
- Stress Tolerance: Excellent

**Disease Tolerance**
- Iron Chlorosis: Good
- Phytophthora Field Tol.: Very Good
- SDS Tolerance: Very Good

**Soil Placement**
- Light Soils: Low O.M., Low CEC, Low water holding capacity.
- Medium Soils: Low O.M. 1.5-5.9%, CEC 11-20, good productivity, well drained stiff loams.
- Heavy Soils: High O.M. >3.5%, CEC >20, drained highly productive with deep top soil.
- Poorly Drained Soils: Soils that tend to remain saturated for extended periods of time.

**Recommended Seeding Rates**
- Row Width: 120/130, 135/145, 150/160
- 30" Rows: HR, HR, R
- Twin Rows: HR, HR, R
- 20" Rows: NR, R, HR
- <20" rows: NR, R, HR

**Herbicide Tolerance**
- Dicamba
- Glyphosate
- 2,4-D
- Glufosinate
- Callisto
- Sulfonurea
- Isoxoflutol

**Oil**
- NA

**Population ranges are listed in 1000 seeds/acre**

### 3738X

**Trait Options**
- Xtend
- Enlist
- LL/GT27
- Conventional

**Geographic Adaptation**
- Western: Moves South well for early season variety
- Central: Moves North well for full season variety

**PRO-FIT Placement**
- Big acre soybean with large area of adaptation
- Medium-Tall plant height with great branching
- Great emergence and SDS rating
- Tolerant to sulfonylurea based herbicides

**General Characteristics**
- Plant Height: Med-Tall
- Canopy/Plant Type: Med-Bush
- Growth Habit: Upright
- Flower Color: White
- Hilum Color: Black

**Agronomic Features**
- Yield for Maturity: Excellent
- Emergence: Very Good
- Standability: Very Good
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- Callisto
- Sulfonurea
- Isoxoflutol

**Oil**
- NA

**Population ranges are listed in 1000 seeds/acre**
The Enlist™ System – Get Control of Tough Weeds

Enlist E3 Soybeans

- New 2,4-D Choline
- Glyphosate
- Glufosinate

Enlist Duo®

COLEX-D® technology

HERBICIDE
- Convenient blend of 2,4-D choline and glyphosate
- Two modes of action to deliver control and help prevent resistance in your fields

Enlist One®

COLEX-D® technology

HERBICIDE
- Straight-goods 2,4-D choline with additional tank-mix flexibility
- Ability to tank-mix with glufosinate and other qualified herbicides, customizing the ratio of herbicides to match each farm’s needs

On-Target Applications
- 90% less drift than traditional 2,4-D
- 96% less volatile than 2,4-D ester

Following burndown, Enlist Duo® and Enlist One® with Colex-D® technology are the only herbicides containing 2,4-D that are labeled for preemergence and postemergence use with Enlist E3™ soybeans.