Helping area farmers make the most informed decisions for their farming operation is a service that the NEW Cooperative agronomy department does not take lightly. We continually strive to find new ways of helping you make the best input purchases. One such way is through our 9 soybean and 13 corn replicated test plots placed throughout the NEW Cooperative service area. These plots include today’s most genetically advanced hybrids and varieties from our extensive list of corn and soybean seed companies. The ability to view and compare these hybrids and varieties locally throughout the service area means you are better able to know their performance in your own fields and choose the best seed inputs for your operation.

NEW Cooperative replicated test plots are located near the following communities. Please be sure to attend a plot day event in the fall at one of the locations near you to make the most of this additional service to agronomy customers.

*All Corn and Region Five Bean Test Plots are not replicated.*
When picking varieties, yield is important, but make sure and consider some of the following information to help maximize yield potential:

**PORTFOLIO MANAGEMENT** It is still the small adjustments that can make the biggest differences in our bottom line. Knowing which varieties have the best emergence in cool soils is important to getting good stand counts on your first planted fields. Putting together a field by field plan before planting to spread out maturities at harvest can lead to optimum harvest moisture and increased stalk quality.

**NITROGEN MANAGEMENT** There are many options today to make in-season applications of Nitrogen throughout the growing season (Side-dress UAN, Broadcast Urea, and Y-drop UAN). Knowing which hybrids have a higher response to nitrogen can help manage hybrid selection, placement, and management throughout the year.

**POPULATION MANAGEMENT** Today’s equipment is changing the art of planting seed. Hydraulic and electric motors have replaced many chain-driven seeding systems. To utilize that equipment, it is important to know which hybrids will respond to increases or decreases in planting population to help maximize yields and profitability.

**CORN ON CORN MANAGEMENT** Anytime you plant a crop back to back, diseases carrying over in residue will always be problematic. Timely tillage can be an important factor in helping reduce the issue, but more importantly knowing which hybrids are more defensive against many of the common diseases that infect our fields will help improve plant health and standability in the fall.

**PEST MANAGEMENT** New methods to scout your fields throughout the spring and summer can play a huge roll in catching issues before they become problems. Satellite imagery, crop modeling, and drone imagery have made being able to react to insect or disease pressures that threaten yield faster with today’s technology. Knowing the level of susceptibility to pests can make the decision to treat with fungicides or insecticides easier.

**NEW** Cooperative agronomists take pride in helping farmers manage risk in their business by selecting varieties that fit their operation. It is well known that the seeds we plant hold more potential in the bag than after we put it in the ground. It is important to place varieties in the correct environments to maximize this potential and reduce stress that can reduce yields. Talk to your agronomist about selecting the proper variety mix to maximize the potential on your acres. They can help you decide when to select an offensive variety to chase yield and when to select a defensive variety to protect yield.
SEED SOLUTIONS CORN

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<thead>
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### SEED SOLUTIONS

#### CORN PRODUCTS

**B04Z92Q™**
- **YIELD ENVIRONMENTS**
  - Highly Productive
  - Moderate
  - Low
- **AGRONOMICS**
  - Stress Emergence
  - Stalks
  - Roots
  - Green Snap
  - Stay Green
  - Drought Tolerance
- **FUNGICIDE RESPONSE**

**B06Y18Q™**
- **YIELD ENVIRONMENTS**
  - Highly Productive
  - Moderate
  - Low
- **AGRONOMICS**
  - Stress Emergence
  - Stalks
  - Roots
  - Green Snap
  - Stay Green
  - Drought Tolerance
- **FUNGICIDE RESPONSE**

**B09Z08AM™**
- **YIELD ENVIRONMENTS**
  - Highly Productive
  - Moderate
  - Low
- **AGRONOMICS**
  - Stress Emergence
  - Stalks
  - Roots
  - Green Snap
  - Stay Green
  - Drought Tolerance
- **FUNGICIDE RESPONSE**

**B10H24Q™**
- **YIELD ENVIRONMENTS**
  - Highly Productive
  - Moderate
  - Low
- **AGRONOMICS**
  - Stress Emergence
  - Stalks
  - Roots
  - Green Snap
  - Stay Green
  - Drought Tolerance
- **FUNGICIDE RESPONSE**
# SEED SOLUTIONS CORN

## CORN PRODUCTS

### B12C01Q™
- **YIELD ENVIRONMENTS**
  - Highly Productive
  - Moderate
  - Low
- **AGRONOMICS**
  - Stress Emergence
  - Stalks
  - Roots
  - Green Snap
  - Stay Green
  - Drought Tolerance
- **POPULATION**
  - Low

### B12M18Q™
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  - Moderate
  - Low
- **AGRONOMICS**
  - Stress Emergence
  - Stalks
  - Roots
  - Green Snap
  - Stay Green
  - Drought Tolerance
- **POPULATION**
  - Low

### B13J23AM™
- **YIELD ENVIRONMENTS**
  - Highly Productive
  - Moderate
  - Low
- **AGRONOMICS**
  - Stress Emergence
  - Stalks
  - Roots
  - Green Snap
  - Stay Green
  - Drought Tolerance
- **POPULATION**
  - Low

### B13K20Q™
- **YIELD ENVIRONMENTS**
  - Highly Productive
  - Moderate
  - Low
- **AGRONOMICS**
  - Stress Emergence
  - Stalks
  - Roots
  - Green Snap
  - Stay Green
  - Drought Tolerance
- **POPULATION**
  - Low
# Seed Solutions Corn

## Corn Hybrids

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<th>Plant Characteristics</th>
<th>Disease Ratings</th>
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<tr>
<td>LGSOX65</td>
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**Plant Characteristics**
- Height: [data]
- Ear: [data]
- Husk: [data]

**Disease Ratings**
- [data]
- [data]
- [data]

---

**Note:**
- LGSOX62 is a hybrid with excellent yield and high disease resistance. It is suitable for regions with high humidity conditions.
- LGSOX63 offers improved yield compared to LGSOX62, making it ideal for low to moderate humidity areas.
- LGSOX64 is a disease-resistant hybrid, ideal for regions with high disease pressure.
- LGSOX65 combines high yield with improved quality, making it suitable for regions with high demand for high-quality corn.

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## Additional Information

- [Link to detailed hybrid descriptions]
- [Link to planting guidelines]
- [Link to disease management strategies]
### PLANT CHARACTERISTICS

<table>
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<tr>
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SEED SOLUTIONS CORN

4188 VT2P/SS/CON
101 day

What's In It For Me!
• Lead early 100 RM product!

Placement
• Plant on average to highly productive soils
• Good on heavy wet soils
• Avoid high pH above 8.1

Key Characteristics
• Good ear flex- don’t need to push pops, but will respond some to additional mgmt
• Excellent late season intactness!
• Great roots and emergence

<table>
<thead>
<tr>
<th>RT Score/Herbicide Sensitivity</th>
<th>Agronomic Ratings</th>
<th>Disease Ratings</th>
<th>Placement Recs</th>
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<td>Response to Population</td>
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Herbicide Sensitivity Key
H = High
M = Moderate
Acceptable

Agronomics and Disease Key
1 = Excellent
2 = Strong
3 = Cautious
4 = Not Recommended
5 = Not Recommended

HR = Highly Recommend
R = Recommend
What's In It For Me!
• Stable product across a lot of environments
• **Placement**
  • Handles moderate heavy wet acre
  • Has top end yield with fast dry down
  • Push population - fixed ear hybrid
  • Low response to N
  • Keep off sand

Key Characteristics
• Good emergence and early season vigor
• Excellent Roots
• Tall plant with excellent late season intactness
• Lives in 180 to 220bu. range
SEED SOLUTIONS CORN

Corn
4880/SS
108Day

What’s In It For Me!
• Great Plant health coupled with yield

• Placement
• Top end yield in corn on corn rotation
• East to west placement
• Moderate pops but feed it with N in high yield scenarios

Key Characteristics
• Excellent staygreen
• Short plant height works great for corn on corn
• Excellent emergence with great test weight

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IA Answer Plots

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Plating Rec. Key
HR = Highly Recommend
R = Recommended
N/A = Not Recommended
SEED SOLUTIONS CORN

Corn
4997 VT2P
109 day

What's In It For Me!
- Hybrid with top-end yield and agronomic durability to move across many soils and yield environments

Placement
- Works east to west - great broad acre fit
- Responds to improved nitrogen management
- Strong roots and stalks aids in stress tolerance
- Good companion to DK5982 for genetic diversity
- Push population then N for top yield

Key Characteristics
- Tall hybrid that requires management in continuous corn rotations
- Very good staygreen and LOW RTF allows excellent

[Table showing Agronomic and Disease Ratings]

[Image of corn plants and soil samples]

[Table showing Placement Recommendations]
SEED SOLUTIONS CORN

5115 VT2P/SS
111 day

What's In It For Me!
- Stable performance across all soil types and brings dependability to variable fields and tougher acres
- Stands like a tree

Placement
- Best suited for variable soils or tough acres
- Plant at moderate to higher populations to take advantage of stress tolerance
- Avoid fields with history of high Goss's Wilt Pressure
- DK6141/DK6289 on better acre, CP5115 on average acre
- Doesn't require Fungicide

Key Characteristics
- Semi-Flex ear with strong stress tolerance
- Excellent emergence, roots, and test weight
- Performance across wide range of management

---

**Crop Protection**
- **Response to Population**: H
- **Response to Nitrogen**: H
- **Response to Continuous Corn**: H
- **Response to Fungicide**: M
- **Growth Regulators**: A
- **SU/AIS Inhibitors**: A
- **Pigment/HPD Inhibitors**: A

**Agromomics and Disease Key**
- **Agromomics and Disease Key**: 1 = Excellent, 4 = Caution
- **Placement Recs Key**: HR = Highly Recommend, R = Recommendation

---

**Crop Quality**
- **Seedling Vigor**: 275
- **Stalk Quality**: M-T
- **Root Strength**: M-H
- **Staygreen**: RED
- **Drought Tolerance**: M-L
- **Physoderma Rot Break**: 38-20

---

**Crop Management**
- **High Yield**: H
- **Stress Acre**: H
- **Common Rust**: N/A
- **Goss Wilt**: H
- **High pH**: 5
SEED SOLUTIONS CORN

Corn

5335 VT2P/SS

113 day

What's In It For Me!

• Consistency across soil types and environments
• Solid agronomics, including excellent stalks and late-season intactness; improved Goss’s wilt rating over 5370

Placement

• Above average ear flex for variable densities; strong plant health for continuous corn
• Very good East/West movement across the corn belt
• Manage for high yields by controlling GLS, and with additional Nitrogen

Key Characteristics

• Slightly rougher grain cap vs. 5370 but still has very good GQ
• Excellent Husk coverage, stalks, and roots

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<td>Cob Color PINK</td>
<td>Staygreen 2</td>
<td>Common Rust N/A</td>
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<tr>
<td>Growth Regulators A</td>
<td>Ear Flex SF</td>
<td>Drydown 2</td>
<td>Goss Wilt 2</td>
</tr>
<tr>
<td>QUAKES Inhibitors A</td>
<td>Flower Date M</td>
<td>Drought Tolerance 2</td>
<td>Anthracnose Stalk Rot 2</td>
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<tr>
<td>Pigment/HPPD Inhibitors A</td>
<td>Kernel Rows 16-18</td>
<td>Test Weight 1</td>
<td>Physoderma Root Rot N/A</td>
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</table>

A1 = Excellent A2 = Strong A3 = Acceptable N/A = No Rating
A4 = Caution A5 = Not Recommended N/A = No Rating

Placement: R1 = Highly Recommended R2 = Recommended R3 = Average R4 = Low R5 = Not Recommended
5370 VT2P/SS

113 day

What's In It For Me!
- Exciting top end yield potential and strong stress tolerance

Placement
- Tough Riverbottom to best acre
- Handles “Wet Feet”/heavy soils
- Avoid high Goss’s Wilt pressure fields
- DK6391 on best acre, 5370 on stressy or wet bottom
- Push population, then N, then F

Key Characteristics
- Can plant early – strong seedling growth
- Stands well late
- Responds to aggressive management
- Awesome test weight

| RT Score/Herbicide Sensitivity | Agronomic Ratings | Disease Ratings | Placement Rac.
<table>
<thead>
<tr>
<th></th>
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<tr>
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<tr>
<td>Response to Nitrogen</td>
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<td>Response to Continuous Corn</td>
<td>L</td>
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<td>Response to Pesticide</td>
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<tr>
<td>SUI/ALS Inhibitors</td>
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</tr>
<tr>
<td>Rust or Fungicide Inhibitors</td>
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Agronomic and Disease Key:
- 1 = Excellent
- 2 = Strong
- 3 = Acceptable
- 4 = Caution
- 5 = Not Recommended
- N/A = No Rating
**What's In It For Me!**
- Good GQ, with excellent TW
- Very good heat and drought tolerance (male)
- Picks up yield separation over 5678 after 200 bu.

**Placement**
- Keep in a corn/soybean rotation
- Very good N/S as well as E/W movement
- Strong performance in wide geography - works in tough, variable and ideal yield environments
- Handles low N well but can yield high with N + F

**Key Characteristics**
- Gives genetic diversity in 113-115 RM portion of lineup
- Physoderma Node Breakage is still a slight watch out
- Very good roots, late season SG, and intactness
<table>
<thead>
<tr>
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<th>High</th>
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SEED SOLUTIONS CORN
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<tr>
<td>Tall-decated</td>
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<tr>
<td>SEED SOLUTIONS CORN</td>
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## Table

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<tr>
<th>Variety</th>
<th>Lay Flat</th>
<th>Stalk Color</th>
<th>Stripes</th>
<th>Mandrel</th>
<th>Size</th>
<th>Uniformity</th>
<th>Vigor</th>
<th>Parentage</th>
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</tbody>
</table>

**Notes:**
- Lay Flat: Indicates the flatness of the seed coat.
- Stalk Color: The color of the stalks, typically green or brown.
- Stripes: Patterns or markings on the seed coat.
- Mandrel: The central part of the seed, typically white or yellow.
- Size: The size of the seed, usually measured in millimeters.
- Uniformity: The consistency of the seed, with higher values indicating more uniform seeds.
- Vigor: The vitality of the seed, with higher values indicating better germination and growth.
- Parentage: The origin or parent species of the seed.
<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Seed Blended</th>
<th>Maturity</th>
<th>Parent Height</th>
<th>Parent Productivity</th>
<th>Parent Type</th>
<th>Recommended Population</th>
<th>For Type</th>
<th>Planting Population</th>
<th>General Comments</th>
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<tbody>
<tr>
<td>9022-4-20</td>
<td>9068.6-1</td>
<td>Tilt Medium</td>
<td>Tall</td>
<td>Highly</td>
<td>High Medium</td>
<td>Early</td>
<td>200%</td>
<td>High</td>
<td>Select for high yield. Tilt medium to tall. Tilt can be planted as late as R1. Early maturing. For high yielding environments.</td>
</tr>
<tr>
<td>9818-32</td>
<td>9068-1-20</td>
<td>Tall Medium</td>
<td>Tall</td>
<td>Medium</td>
<td>Medium</td>
<td>Medium</td>
<td>150%</td>
<td>Medium</td>
<td>Select for high yield. Tall medium to tall. Tall can be planted as late as R1. Medium maturing. For high yielding environments.</td>
</tr>
<tr>
<td>9817-40</td>
<td>9068.6-1</td>
<td>Tall Medium</td>
<td>Tall</td>
<td>Highly</td>
<td>High Medium</td>
<td>Early</td>
<td>200%</td>
<td>High</td>
<td>Select for high yield. Tall medium to tall. Tall can be planted as late as R1. Early maturing. For high yielding environments.</td>
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<tr>
<td>9763-39</td>
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<td>Narrow Mid</td>
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<td>150%</td>
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<td>Select for high yield. Narrow mid to tall. Narrow mid can be planted as late as R1. Medium maturing. For high yielding environments.</td>
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<td>Medium</td>
<td>Select for high yield. Narrow mid to tall. Narrow mid can be planted as late as R1. Medium maturing. For high yielding environments.</td>
</tr>
<tr>
<td>9764-20</td>
<td>9068.6-1</td>
<td>Narrow Mid</td>
<td>Narrow Tall</td>
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<td>Medium</td>
<td>150%</td>
<td>Medium</td>
<td>Select for high yield. Narrow mid to tall. Narrow mid can be planted as late as R1. Medium maturing. For high yielding environments.</td>
</tr>
</tbody>
</table>

**SEED SOLUTIONS CORN**
NOTES:
THE RIGHT SEED

NEW Cooperative agronomists understand the benefits of using an offensive soybean to maximize yields and using a defensive soybean to protect yields. Selecting and planting the correct bean on the appropriate acre is important to unlock yield potential on your farms. A lot of people have thought of soybeans as a bridge crop between years of corn, but don’t let that deter you from doing a few little adjustments to try and take your soybean yields to the next level. Your local agronomist can help you make the necessary changes to capture yield that may be slipping through the cracks.

SOYBEAN SELECTION

When picking varieties, yield is important, but make sure and consider some of the following information to help maximize yield potential:

TREATMENT OPTIONS Seed treatments have changed a lot over the last few years. Beyond the basic fungicide and insecticide treatments like Accelleron, Poncho/Votivo, Cruiser, and Warden CX, products such as Ilevo for protection against Sudden Death Syndrome, Clariva for help against cyst, and Signum which inoculates the soil with Rhizobium bacteria have become big reasons we are able to have higher and more consistent soybean yields. Knowing your fields risk for SDS and knowing which fields were corn on corn for adding inoculant will maximize your yield potential out of the gate.

WEED MANAGEMENT More options exist today for controlling weeds than ever before, and it is important to know what is in your seed hoppers and know what is across the fence line. Roundup, Liberty, and Dicamba are all available today and with Enlist and Balance GT on the horizon, giving growers options to control weeds. Ask your agronomist which product may best fit your operations, and how to use each product to its full potential.

DISEASE MANAGEMENT Every year it seems like we battle a new disease or insect, but don’t forget about the ones that steal most of our yield. Sudden Death Syndrome and Iron Deficiency Chlorosis can be two of the biggest factors in selecting our soybean varieties. Knowing which fields have a history of pressure from these diseases and placing varieties appropriately, will help increase yields on tougher acres. Combine that management with in season fungicide and insecticide applications that have showed great returns on late season diseases and insects, will provide for a winning combination.

STANDABILITY MANAGEMENT Increased yields have created some challenges such as more residues at harvest and reduced standability during the season. Some avenues do exist to help improve this issue. Selecting varieties that have a higher rating for standability is one option, but also planting early can help reduce the distance between nodes, resulting in shorter plants. Too high of planting rate can also result in lanky plants that are prone to falling over. Lastly don’t forget beans need good fertility too. Potassium, Sulfur, and an optimum pH will help improve your plants standability and harvestability.
<table>
<thead>
<tr>
<th>Seed Variety</th>
<th>Test Weight</th>
<th>ADG</th>
<th>CAC</th>
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2022 STINE HYBRID SOYBEAN RECOMMENDATIONS
# SEED SOLUTIONS SOYBEANS

## Northern Iowa 2023 Agrow Soybean Characteristics

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<th>Variety</th>
<th>Relative Maturity</th>
<th>Trait</th>
<th>Flower Color</th>
<th>Pubescence Color</th>
<th>Hilium Color</th>
<th>Pod Wall Color</th>
<th>Plant Height</th>
<th>Canopy</th>
<th>Emergence</th>
<th>Standability</th>
<th>No-till Adaptability</th>
<th>Iron Chlorosis</th>
<th>SCN</th>
<th>PRR Resistance</th>
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# Alloy E3 Brand Soybeans

## Iowa 2023 Local Positioning Chart

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## SOYBEAN PRODUCTS

### B152EE™
- **YIELD ENVIRONMENTS**
  - Highly Productive
  - Moderate
  - Low
- **AGRONOMICS**
  - Emergence
  - Harvest Standability
  - Flood Tolerance
- **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

### B182EE™
- **YIELD ENVIRONMENTS**
  - Highly Productive
  - Moderate
  - Low
- **AGRONOMICS**
  - Emergence
  - Harvest Standability
  - Flood Tolerance
- **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

### B202EE™
- **YIELD ENVIRONMENTS**
  - Highly Productive
  - Moderate
  - Low
- **AGRONOMICS**
  - Emergence
  - Harvest Standability
  - Flood Tolerance
- **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

### B209EE™
- **YIELD ENVIRONMENTS**
  - Highly Productive
  - Moderate
  - Low
- **AGRONOMICS**
  - Emergence
  - Harvest Standability
  - Flood Tolerance
- **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
## Soybean Products

### B240EE™
- **Yield Environments**
  - Highly Productive
  - Moderate
  - Low
- **Agronomics**
  - Emergence
  - Harvest Standability
  - Flood Tolerance
- **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

### B252EE™
- **Yield Environments**
  - Highly Productive
  - Moderate
  - Low
- **Agronomics**
  - Emergence
  - Harvest Standability
  - Flood Tolerance
- **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

### B260EE™
- **Yield Environments**
  - Highly Productive
  - Moderate
  - Low
- **Agronomics**
  - Emergence
  - Harvest Standability
  - Flood Tolerance
- **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

### B272EE™
- **Yield Environments**
  - Highly Productive
  - Moderate
  - Low
- **Agronomics**
  - Emergence
  - Harvest Standability
  - Flood Tolerance
- **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
What's In It For Me!

- Lead Xtendflex winpak at this maturity with proven lines.

Placement

- Winpak of 1742XF and 1843XF
- 1742XF is a proven line that did very well in 2021 in our testing
- 1843XF brings great agronomics and was the #2 yielding bean in the state of Iowa in 2021

Key Characteristics

- Great standability, with strong SDS, SWM, and IDC
- Bullet proof bean agronomically with 2 proven beans in our system in 2021

Additional Notes

- Two genetically different soybeans that were at the top of our testing in 2021, 1843XF was number two in the state of Iowa, and number 4 nationally. 1960 like standability with similar agronomics and higher yield potential.
What’s In It For Me!
- Stand-alone Enlist variety that excels in high-yielding environments

Placement
- Yield data shows from 2020 shows great top-end potential with a strong agronomic package to complement

Key Characteristics
- Strong PRR, SWM, and BSR

Additional Notes
- This is a single line from a proven germplasm pool that will be in the Performance tier. This is a do all product that is very solid on SWM with a 2 rating. It is also rated above average at 3 for IDC and SDS. This will stand very nicely and is a medium plant height. Overall Yield data showed 101% of mean.

<table>
<thead>
<tr>
<th>Disease and Agronomic Ratings</th>
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</tbody>
</table>

Key:
1 = Excellent
2 = Strong
3 = Acceptable
4 = Manage
5 = Not Recommended
N/A = No Rating Available
NG = No Gene

Pod Color:
TH = Tan
FM = Fawn
BR = Brown

Hilum Color:
GI = Grey
BL = Black
BC = Brown
IR = Imperfect Black

Flower Color:
P = Purple
W = White
B = Blue
BR = Brown

.*Rating not confirmed yet*
SEED SOLUTIONS SOYBEANS

CP2220E
2.2RM

What's In It For Me!
• WinPak Variety broadly adapted with high yield potential

Placement
• Works well on fields with IDC and BSR histories
• Strong standability with acceptable SWM and PRR tolerance

Key Characteristics
• CP2222E – Strong BSR and IDC
• CP2232E – Excellent BSR; strong SWM and IDC

Additional Notes
- New WinPak in early it’ll’s bringing Genetic Diversity to our portfolio. This combines 2 new products, each from different suppliers. The 2232E is outstanding for all the things we desire, bringing 2 Ratings for IDC, SWM, and SDS. The 2222E, are above average in all the same, being a 3 for SDS & SWM, and a 2 for IDC. This is a Pak that we can use as our defensive specialist yet bring a strong level of yield potential for our geography.
SEED SOLUTIONS SOYBEANS

CP2250XF

What's In It For Me!
• High yield offensive XtendFlex soybean with strong agronomics!

Placement
• Great for high yield and IDC acres
• Works in Narrow and wide rows

Key Characteristics
• CP2243XF- SDS(3), SWM 2, and IDC(2)
• CP2343XF- SDS(2), SWM 3, and IDC(3)

Additional Notes
- A new WinPak with diverse components bringing good SDS, SWM, and IDC. Xtendflex that brings the yield of 2240XF but brings much improved agronomics, specifically SWM. 2243XF brings excellent standability with strong SWM and stress tolerance. 2343XF brings a very different plant type and excellent emergence with strong SDS.

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<td>Root-Knot Nematode</td>
<td>Standability</td>
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</table>

Key:
1 = Excellent
2 = Very Good
3 = Acceptable
4 = Manageable
5 = Non-Recommended
N/A = No Rating Available
M = No Gene
* = Rating not confirmed yet
CP2322E

What's In It For Me!
• Single line Soybean that has whole agronomic Package!

Placement
• Single line to replace CP2321E
• Great SDS, IDC, SWM and Standability

Key Characteristics
• Excellent SDS(1)
• Great agronomic pairing with CP2220E

Additional Notes
This is a new single line that is a defensive specialist as well. This is a product that is best in class for SDS, carrying a 1 rating. This is also rated a 2 for SWM and IDC. This is a medium height soybean with very good standability and will be in the Performance tier. 102% of mean in 2020 Trials.

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Key:
1 = Excellent
2 = Strong
3 = Acceptable
4 = Manage
5 = Non Recommended
N/A = No Rating Available
W = White
G = Grey
P = Purple
H = Black
I = Important

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SEED SOLUTIONS SOYBEANS

SOYBEAN

CP2520E

2.5RM

What's In It For Me!
- Winpak Variety with high Yield potential

Placement
- Upgraded winpak that still packs an offensive punch
- Consists CP2521E and CP2523E
- Strong PRR and IDC
- Manage standability with populations

Key Characteristics
- CP2521E- brings stress tolerance, IDC(1), BSR(1), PRR tol. (2)
- CP2422E- brings stress tolerance, IDC(3), SWM(3) SDS(3)

Additional Notes
- This is an upgraded WinPak, keeping the CP2521E’s, but adding the CP2523E. The CP2523E will bring OFFENSIVE PUNCH! This is all about yield yet is good with a 2 rating on IDC. This will be the lead Offensive Pak on the Enlist side, for those better acres. Do not plan on a lot of protection for SWM and SDS, but IDC is elite, as the 2521’s are rated a 1! This will have acceptable standability, but will not be perfect, you will see some leaners, but harvestability should be fine. Again, OFFENSE with IDC!

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Key:
- 1 = Excellent
- 2 = Strong
- 3 = Acceptable
- 4 = Manageable
- 5 = Not Recommended

N/A = No Rating Available
NG = No Gene

Flower Color: P = Purple
Hilums Color: G = Grey
Pod Color: W = White

Root-Knot Nematode: Bf/IB

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SEED SOLUTIONS SOYBEANS

SOYBEAN

CP2540XF
2.5RM

What's In It For Me!
• Winpak with known background and Yield

Placement
• Excellent plant type with high yield potential
• Solid agronomic package with Excellent BSR

Key Characteristics
• CP2543XF-brings PRR(2), SDS(3), BSR(1), IDC(2)
• CP2652XF-brings PRR(2), SDS(3), BSR(1), IDC(2)

Additional Notes
- New XtendFlex WinPak that has a known background that stems back to the roundup 2440 type in both components. Brings alot of the same things as that background just with cyst and great standability and IDC. CP2652XF is a bean we lost production of a year ago but had a great year in our data. 2543XF brings SWM and IDC with high yield capabilities.

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Key:
1 = Excellent
2 = Good
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5 = Not Recommended
N/A = No Rating Available
NG = No Gene

* = Rating not confirmed yet

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# Soybean Varieties

| Variety   | RM | Traits | RM Traits | Self-Thinning | Standability | Sensitivity to Black Lethal | Seedling Resistance | Plant Height | Pubescence | Flower Color | Hull Color | Pod Color | MR3, MR14 | CP | BSN | SBN | SWB | SDF | SOD | FLS | ALE | N/A | N/A |
|-----------|----|--------|-----------|---------------|---------------|-----------------------------|---------------------|---------------|-------------|-------------|------------|-----------|-----------|--------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| LGS1911XF | 1.9| XF     | -         | -             | 8             | 8                           | 8                   | MT            | M           | Lt. Tawny   | Purple     | Black     | Brown     | MR3, MR14 | CP  | BSN | SBN | SWB | SDF | SOD | FLS | ALE | N/A | N/A |
| LGS2105E3 | 2.1| E3     | -         | -             | 8             | 8                           | 8                   | M             | M           | Gray        | Purple     | Black     | Brown     | R3     | Rps1c | N/A | 6   | 7   | 7   | N/A | N/A |
| LGS2654XF | 2.5| XF     | -         | -             | 9             | 6                           | 8                   | T             | MB          | Gray        | Imp. Black | Brown     | Brown     | R3, MR14 | Rps1c | 9   | 7   | 5   | 6   | N/A | N/A |
| LGS3124E3 | 3.1| E3     | -         | -             | 8             | 9                           | 9                   | M             | M           | Gray        | White      | Buff      | Brown     | R3, MR14 | Rps1c | Rps3a | 8   | 6   | 7   | 8   | N/A | N/A |

LGS1911XF is a well-rounded soybean that brings superior yields combined with top-notch agronomics. It has superior white mold tolerance and an above-average tolerance to IDDC.

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

LGS2654XF is a tall, medium bush plant with very high top-end yields. Broad adaptation east to west and north to south make this a versatile product.

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

---

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

XF = XtendFlex® soybeans  RX = Roundup Ready 2Xtend® soybean  E3 = Enlist E3® soybean  CONV = Conventional (non-biotech) product
## Soybean Varieties

| Seed Name | RM Traits | Stunting/Tolerance | Soil Excluder | Emergence | Standability | Sound/A rubbace | Plant Height | plant Type | Phytase Resistance | Flower Color | Pod Color | Crop Height/Head Lustre | Yield Booster | Brown Stem Rust | Bacterial leaf Blight | Dark Scar | charcoal Rot | Brown Rot | Black Rot | Chromosomal Disorder | Delayed | Black spot | Gray spot | Foliar Yellow | Stem Rot | Yield Stability | Yield Risk | SDN | SDN D | SDN S | SDN R | SBMV | SCMV | Soybean virus | ConV | CONV | Conventional | Non-treated | product |
|-----------|------------|-------------------|---------------|-----------|-------------|----------------|--------------|------------|------------------|--------------|-------------|----------------------|--------------|--------------|---------------------|-----------|------------|-------------|-----------|-------------|-------------|---------|---------|-------------|----------|----------|-------------|-----------|--------|
| LGS1939E3 | 1.9 E3     | -                 | -             | 9         | 7           | N/A            | M             | LT Tawny    | Purple          | Black Brown | R3, MR14 | Rps1k               | N/A          | 7            | 7        | 9           | N/A           | 9           | N/A     |
| LGS2348E3 | 2.3 E3     | -                 | -             | 8         | 8           | 8             | M             | M           | Purple          | Imp. Black Brown | R3, MR14 | Rps1k               | 8            | 8            | 8        | N/A          | N/A           | 9           | N/A     |
| LGS2577E3 | 2.5 E3     | ✓                 | -             | 8         | 7           | 8             | MB            | Gray        | White Buff Tan  | MB           | M3, MR14 | Rps1k               | 9            | 7            | 7        | 6            | 6            | N/A          | N/A     |
| LGS2728E3 | 2.7 E3     | -                 | -             | 8         | 7           | 8             | MT MB         | Gray Purple  | White Buff Tan  | Tan           | R3, MR14 | Rps1k, Rps3a         | 7            | 7            | 6        | 6            | N/A           | 7           | 9       |
| LGS2851E3 | 2.8 E3     | -                 | -             | 9         | 8           | 8             | M MB          | Gray White   | Buff Tan        | R3, MR14     | Rps1k, Rps3a | 8            | 7            | 6        | 8            | N/A           | 9           | N/A     |

LG591995E3 provides very good versatility on all soil types. This is a great companion to LGS1701E3. This product brings enhanced agronomics especially for SWM and SDS tolerance.

LG52348E3 is broadly adapted east to west across the Corn Belt. Medium-tall plants with a strong disease package that deliver top-end yields in both high and low yield environments.

LG52577E3 is a key product that provides top-end yield potential in its maturity. Above average emergence and excellent stress tolerance allow broad placement.

LG52728E3 is a versatile product that fits a broad adaptation. Shows tremendous plant health and yield for the stressed acre or the high productive acre as well.

LG52851E3 is a medium-tall, medium-bush plant style that has great performance in all geographies and yield environments. Excellent SDS tolerance and stacked PRR gene give it strong agronomics to go with top-end yield.

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

<table>
<thead>
<tr>
<th>XP</th>
<th>XanthiFlex® soybean</th>
<th>RX</th>
<th>Roundup Ready 2 Xanthi® soybean</th>
<th>E3</th>
<th>Enlist E3® soybean</th>
<th>CONV</th>
<th>Conventional</th>
<th>Non-treated</th>
<th>product</th>
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</thead>
</table>

**Image Description:**
- The image shows a close-up of soybean plants, highlighting the success of the seed solutions in field environments. The plants appear healthy, with no visible signs of disease or stress, indicating the effectiveness of the soybean varieties discussed in the text.
Thank you for your business and allowing us to provide you with information on today’s most advanced corn and soybean seed genetics from the industry’s most reputable seed companies.

We look forward to being your trusted agronomy input and service provider.