



# 2025 SEED GUIDE

CORN

SOYBEANS

WHEAT

ALFALFA



## CORN

- 2 Descriptions
- 4 Trait Availability
- 5 Performance

## SOYBEANS

- 6 XtendFlex®
- 8 Roundup Ready 2 Xtend®
- 10 Enlist E3®

## WHEAT

## 13 ALFALFA





# INDEPENDENCE

## ...WITH HELP

**A great advantage for most U.S. farms is that they are independently owned and operated. This is an advantage, because those farms are able to make changes more quickly and easily that help improve their operation. That independence also provides a more clear direction that the farm wants to pursue and a more definite plan for getting there. The successes are felt much more directly by the owners' bottom line, as are the lessons of the failures. Much like those farms, Great Heart Seed is also independently owned and operated, and we feel that connection.**

Independent, however, does not mean alone. As farms improve their operations, the activities they do themselves and those they hire done continue to evolve. Some duties are added to what the owners will do and some are added to what others outside the operation will contribute. At Great Heart Seed we are honored when you ask us to contribute to your farm's success. We have helped many farmers solve challenges which come from operations that are constantly changing.

Some of these farms were getting what they expected, but not what they wanted. The difference is they may have gotten the good yields they expected, but what they wanted were record setting yields. It could be that deliveries and customer service were acceptable, but they wanted exceptional. Perhaps the guidance they received was fine for the broad-acre more general products they purchased, but they wanted a package of genetics and expert placement that would build better profits.

Part of what makes Great Heart Seed a good fit with most US farms is our role as an independent seed operation. We also make improvements more quickly and easily than our larger competitors. We have a clear direction for our future and a definite plan to get there. We too feel the results of our successes and failures very directly. It is all important.

We enjoy working with farmers like you as these operations continue to change and improve. Independence doesn't mean you have to do it alone; it means you get to choose who you work with and how you do it. Planting Great Heart Seed is a way to get not just the basics of what you expect, but also to get what you want. We do the extra that gives you the extra. Let us help you succeed.

Nels Kasey  
*Sales and Research Manager*  
Great Heart Seed

# CORN

## HT-6037



- A moderate-statured hybrid that works great as a high production grain number
- Agronomics and disease ratings support its high yield potential
- Responds great to management
- Good drydown and grain quality
- Great plant intactness with a semi-flex ear

## HT-6524



- A go-anywhere hybrid
- Very good disease package
- Very fast drydown
- Massive yield potential
- Good ear flex through girth

## HT-6583



- A hybrid that can be pushed for superior yields
- Highly versatile across many different places with great drought tolerance
- Tolerates many disease pressures and pests
- Good pick for green snap-prone areas
- A flex ear that will be protected with Trecepta

## HT-6948



- An absolutely superior yielding hybrid
- Strong emergence and early growth
- Responds best to higher management
- Great choice for early planting and early harvest
- Fast drying
- A very rare hybrid designed to impress you in better situations

## HT-6950



- A hybrid that can succeed in many places on the farm
- Ear flex and strong standability allow many planting populations
- Performs well in high and low yield environments
- Can stay longer in the field during harvest
- Very good grain quality

## HT-7026



- Absolute top yielding hybrid
- The test weight and grain quality may gain food grade premiums
- Can handle wet feet as well as dry soils
- Provides flexible ears
- Tall, durable plant
- Ultimately a great choice for both high and low management environments

## HT-7044



- An easy corn to position on your farm
- Has tremendous yield records and wants to be pushed
- A good hybrid for durability and solid agronomics
- Great test weight and grain quality
- Very good ear flex

NEW!

## HT-7151



- A stable hybrid with a high yield punch
- Great roots, stalks and ear flex give many population options
- It's very large kernel helps pack on even more yield
- Very fast drydown
- Looks great even late season

## HT-7192



- A true dual-purpose hybrid with eye appeal
- A quick emerging corn that works from the corn belt into the Delta
- Consistently a top performer that works great in tough situations
- A taller plant with the root and stalk strength to support it
- Good ear flex

NEW!

## HT-7195



- A huge kernelled hybrid with even bigger yields
- Dependable across soil types
- Can be used as a drought hybrid or top yielder
- Unique genetic make up
- Solid disease package

NEW!

## HT-7210



- Great combination of stress tolerance and yield
- Very good choice for drought management
- Offers some ear flex
- A good fit for most soils and farming practices
- Good at nearly all populations used today

## HT-7234



- Workhorse stability with racehorse potential
- Has the ability to dry in the field
- Tough enough to handle stress
- Season-long standability
- Used for grain or silage applications

POSSE

## HT-7256



- Huge top end yield potential
- Great test weights with good dry down
- Takes advantage of prime growing conditions and has the agronomics to win the entire farm
- Yields from Great Lakes to Gulf of Mexico
- Possible food grade premiums

NEW!

## HT-7272



- All out monster yielder
- Big showy ears
- Rapid establishment and early growth
- Responds well to higher management
- Can be used as a silage hybrid

POSSE

## HT-7302



- A favorite among many regions ranging from I-80 to the Gulf
- Strong emergence with good root and stalk strength
- Heavy test weight
- Excellent vigor
- Record setting yield potential
- Potential elevator premium



### HT-7317



- Great choice for setting new yield records
- Responds well to management
- Can be used for grain or silage
- Ear flex can stretch population options
- Good overall disease package

### HT-7329



- A hybrid that maximizes grain production
- It can also add grain quality premiums
- Good ear flex and kernel depth
- Can be used in continuous corn systems
- Offers improved tar spot tolerance

NEW!

### HT-7341



- An easy hybrid to be very happy with
- Great for high and low productivity environments
- Holds together late-season if needed
- Ear flex and standability for multiple population settings
- Heavy test weights

### HT-7360



- Versatile, top performer
- Very attractive look from spring through harvest
- Performs at many population settings
- Handles later harvest well
- A good choice for early planting

### HT-7381



- The most stay-green in the lineup
- Very versatile with extreme consistency across different soils
- Strong and uniform plants
- Produces food grade quality grain with heavy test weight
- Perhaps one of our best overall hybrids

### HT-389



- Offers superior silage production
- Ear flexibility in both length and girth
- Works well in no-till
- Performs well in light to dark soils
- Ultimately a very versatile and consistent hybrid

### HT-7393



- Consistent top end yields in its area of adaptation
- A large robust plant that wants to emerge and canopy quickly
- A hybrid built for durability and strength
- Adapts well to irrigation
- A good choice for grain or silage

### HT-7425



- A true racehorse/workhorse hybrid
- Good overall disease package
- Strong standability throughout the season
- Unique genetics allow it to match up well with many of our other hybrids
- Can be used for grain or silage
- Contains the DroughtGard gene for added stress protection

NEW!

### HT-7451



- Strong performance across high and low productivity soils
- Very good roots and stalks
- Checks the boxes for handling all major disease issues
- Food grade potential test weights
- Great plant intactness

POSSE

### HT-7499



- High yields and durability from the Midwest to the Gulf
- Hard to get this one out of position
- Dependable stalks and roots all season long
- The disease package is complete and has a good husk cover
- Good no-till hybrid

POSSE

### HT-7500



- Consistent producer of top yields
- Doesn't need perfect growing conditions to impress you
- Has the ability to be your best yielder
- Late-harvest appearance is very good
- Soil variation is not a problem

### HT-7676



- Record-setting yield potential
- Excellent performance across soil types
- Good ability to perform at various populations
- Good toughness under stress
- Great pick to maximize yield while maintaining stability
- Good hybrid for corn-on-corn applications

### HT-7890



- A super-impressive performing hybrid
- So much top-end yield potential wrapped in a rugged defensive package
- Ears flex in girth and length
- Works anywhere a 118 day can be used
- The emergence is good with use for no-till and continuous corn
- An all-around great hybrid with the ability to stand pretty in your field



Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, postemergent weed control of Ignite® herbicide for optimum yield and excellent weed control.

Bayer CropScience LP, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709. Always read and follow label instructions. LibertyLink and the Water Droplet Design are registered trademarks of Bayer. For additional product information call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at [www.BayerCropScience.us](http://www.BayerCropScience.us)

# CORN

## TRAIT AVAILABILITY

| HYBRID       | GROWTH REGULATOR | PIGMENT INHIBITOR | SULFONYLUREA | CONVENTIONAL | Roundup Ready <sup>®</sup> CORN 2 | VT DoublePRO <sup>®</sup> RB COMPLETE | Trecepta <sup>®</sup> RB COMPLETE | DroughtGard <sup>®</sup> HYBRIDS VTDouBlePRO <sup>®</sup> 1g/ha | SmartStax <sup>®</sup> RB COMPLETE | AGRIASURE <sup>®</sup> HX Above | POWERCORE <sup>®</sup> Enlist REFUGE ADVANCED |
|--------------|------------------|-------------------|--------------|--------------|-----------------------------------|---------------------------------------|-----------------------------------|---|------------------------------------|---------------------------------|---|
| HT-6037      | ▲                | ▲                 | ▲            |              |                                   | ✓                                     |                                   |   |                                    |                                 |   |
| HT-6524      | ▲                | ▲                 | ▲            | ✓            |                                   |                                       |                                   |   | ✓                                  |                                 |   |
| HT-6583      | ▲                | ●                 | ●            |              |                                   |                                       | ✓                                 |   |                                    |                                 |   |
| HT-6948      | ●                | ●                 | ●            |              |                                   | ✓                                     |                                   |   |                                    |                                 |   |
| HT-6950      | ▲                | ▲                 | ▲            | ✓            |                                   |                                       |                                   |   |                                    |                                 | ✓   |
| HT-7026      | ●                | ●                 | ●            | ✓            |                                   |                                       |                                   |   | ✓                                  |                                 |   |
| HT-7044      | ●                | ●                 | ●            |              |                                   | ✓                                     |                                   |   |                                    |                                 |   |
| NEW! HT-7151 | ▲                | ●                 | ▲            | ✓            |                                   |                                       |                                   |   |                                    |                                 | ✓   |
| HT-7192      | ▲                | ▲                 | ▲            |              |                                   |                                       |                                   |   |                                    | ✓                               |   |
| NEW! HT-7195 | ●                | ●                 | ●            |              |                                   |                                       | ✓                                 |   |                                    |                                 |   |
| NEW! HT-7210 | ●                | ●                 | ●            |              |                                   |                                       | ✓                                 |   |                                    |                                 |   |
| HT-7234      | ●                | ●                 | ●            |              |                                   | ✓                                     |                                   |   |                                    |                                 |   |
| HT-7256      | ▲                | ▲                 | ▲            |              |                                   |                                       |                                   | ✓   |                                    |                                 |   |
| NEW! HT-7272 | ▲                | ●                 | ●            | ✓            |                                   |                                       |                                   |   |                                    |                                 | ✓   |
| HT-7302      | ●                | ●                 | ●            |              | ✓                                 | ✓                                     |                                   |   | ✓                                  |                                 |   |
| HT-7317      | ●                | ●                 | ●            |              |                                   | ✓                                     |                                   |   |                                    |                                 |   |
| HT-7329      | ▲                | ▲                 | ●            |              |                                   |                                       |                                   |   |                                    |                                 | ✓   |
| NEW! HT-7341 | ▲                | ●                 | ▲            |              |                                   | ✓                                     |                                   |   |                                    |                                 |   |
| HT-7360      | ●                | ●                 | ●            |              |                                   | ✓                                     |                                   |   |                                    |                                 |   |
| HT-7381      | ●                | ●                 | ●            | ✓            | ✓                                 | ✓                                     |                                   |   |                                    |                                 |   |
| HT-389       | ●                | ●                 | ●            |              |                                   | ✓                                     |                                   |   |                                    |                                 |   |
| HT-7393      | ●                | ●                 | ●            |              |                                   | ✓                                     |                                   |   |                                    |                                 |   |
| HT-7425      | ●                | ●                 | ●            |              |                                   |                                       |                                   | ✓   |                                    |                                 |   |
| NEW! HT-7451 | ●                | ●                 | ▲            | ✓            |                                   | ✓                                     |                                   |   |                                    |                                 |   |
| HT-7499      | ●                | ●                 | ●            |              |                                   |                                       | ✓                                 |   |                                    |                                 |   |
| HT-7500      | ●                | ●                 | ●            |              |                                   |                                       | ✓                                 |   |                                    |                                 |   |
| HT-7676      | ●                | ●                 | ●            |              |                                   | ✓                                     |                                   |   |                                    |                                 |   |
| HT-7890      | ●                | ●                 | ●            |              |                                   | ✓                                     |                                   |   |                                    |                                 |   |

● = Acceptable, ▲ = Warning, ● = Stop, ✓ = Yes

The below information applies only to the corn growing areas.



| RESPECT THE REFUGE | VT DoublePRO <sup>®</sup> RB COMPLETE | Trecepta <sup>®</sup> RB COMPLETE             | DroughtGard <sup>®</sup> HYBRIDS VTDouBlePRO <sup>®</sup> 1g/ha | SmartStax <sup>®</sup> RB COMPLETE | AGRIASURE <sup>®</sup> 3120 0-2 Refuge <sup>®</sup> | POWERCORE <sup>®</sup> Enlist REFUGE ADVANCED | AGRIASURE <sup>®</sup> Duracade <sup>®</sup> 0222 0-2 Refuge <sup>®</sup> |
|--------------------|---------------------------------------|---|---|------------------------------------|---|---|---|
|                    | % REFUGE                              | NON COTTON-GROWING AREAS                      | COTTON-GROWING AREAS  |                                    |   |   |   |
| CONFIGURATIONS     | 5% non-Bt corn                        | Included in the bag                           | 20% non-Bt corn (common refuge plan only)                       |                                    |   |   |   |
| STRIPS             | Included in the bag                   | Block, Split Planter, Adjacent Field          |   |                                    |   |   |   |
|                    | Included in the bag                   | Refuge adjacent to or within your field       |   |                                    |   |   |   |
|                    | Included in the bag                   | Split Planter - minimum of 4 consecutive rows |   |                                    |   |   |   |

# PERFORMANCE

| HYBRID              | DAYS | GROWING DEGREE UNITS | POPULATION | VIGOR | NO-TILL | DROUGHT | HEALTH | LODGING | DRY DOWN | EAR TYPE         | HIGH POP | LOW POP | PLANT HEIGHT | EAR HEIGHT | GRAIN QUALITY | CORN ON CORN |
|---------------------|------|----------------------|------------|-------|---------|---------|--------|---------|----------|------------------|----------|---------|--------------|------------|---------------|--------------|
| HT-6037             | 100  | 2425                 | 29-33M     | 7     | 7       | 7       | 7      | 7       | 7        | Semi-Flex        | 7        | 8       | MS           | ML         | 8             | 5            |
| HT-6524             | 105  | 2525                 | 29-35M     | 7     | 7       | 8       | 8      | 8       | 8        | Flex Girth       | 8        | 8       | MT           | M          | 7             | 8            |
| HT-6583             | 105  | 2510                 | 29-34M     | 7     | 7       | 8       | 7      | 6       | 7        | Semi-Determinate | 7        | 7       | M            | M          | 7             | 5            |
| HT-6948             | 109  | 2690                 | 30-35M     | 8     | 7       | 7       | 7      | 7       | 8        | Semi-Determinate | 8        | 7       | M            | MT         | 7             | 6            |
| HT-6950             | 109  | 2680                 | 29-35M     | 8     | 8       | 8       | 8      | 8       | 7        | Semi-Flex        | 8        | 8       | MT           | M          | 8             | 9            |
| HT-7026             | 110  | 2750                 | 29-36M     | 8     | 8       | 7       | 7      | 8       | 7        | Semi-Flex        | 8        | 8       | MT           | M          | 9             | 7            |
| HT-7044             | 110  | 2710                 | 29-36M     | 7     | 7       | 7       | 7      | 8       | 7        | Flex             | 8        | 9       | MT           | M          | 8             | 8            |
| <b>NEW!</b> HT-7151 | 111  | 2725                 | 29-36M     | 8     | 7       | 6       | 6      | 8       | 9        | Flex             | 8        | 8       | M            | M          | 7             | 7            |
| HT-7192             | 111  | 2780                 | 29-35M     | 8     | 8       | 8       | 7      | 7       | 7        | Semi-Flex        | 7        | 8       | MT           | ML         | 8             | 7            |
| <b>NEW!</b> HT-7195 | 111  | 2760                 | 31-36M     | 8     | 7       | 7       | 7      | 8       | 7        | Semi-Determinate | 8        | 6       | T            | H          | 6             | 6            |
| <b>NEW!</b> HT-7210 | 112  | 2785                 | 29-34M     | 6     | 7       | 8       | 7      | 7       | 7        | Semi-Flex        | 7        | 8       | M            | M          | 6             | 5            |
| HT-7234             | 112  | 2760                 | 29-36M     | 8     | 7       | 7       | 7      | 7       | 8        | Semi-Flex        | 7        | 8       | M            | M          | 7             | 5            |
| HT-7256             | 112  | 2750                 | 29-34M     | 7     | 7       | 7       | 7      | 8       | 7        | Semi-Flex        | 8        | 8       | M            | M          | 8             | 5            |
| <b>NEW!</b> HT-7272 | 112  | 2785                 | 29-34M     | 7     | 8       | 6       | 7      | 7       | 7        | Flex             | 7        | 8       | MT           | M          | 7             | 7            |
| HT-7302             | 113  | 2830                 | 29-36M     | 9     | 8       | 8       | 7      | 8       | 8        | Semi-Flex        | 8        | 8       | M            | M          | 9             | 7            |
| HT-7317             | 113  | 2830                 | 29-34M     | 7     | 7       | 7       | 7      | 7       | 7        | Semi-Flex        | 7        | 8       | T            | H          | 7             | 5            |
| HT-7329             | 113  | 2840                 | 29-35M     | 8     | 7       | 7       | 7      | 7       | 7        | Semi-Flex        | 7        | 8       | MT           | MH         | 8             | 8            |
| <b>NEW!</b> HT-7341 | 113  | 2825                 | 30-36M     | 8     | 8       | 8       | 7      | 8       | 7        | Semi-Flex        | 8        | 8       | MT           | MH         | 8             | 7            |
| HT-7360             | 113  | 2830                 | 29-36M     | 8     | 8       | 7       | 7      | 8       | 7        | Semi-Flex        | 8        | 8       | M            | M          | 6             | 5            |
| HT-7381             | 113  | 2805                 | 29-36M     | 7     | 8       | 8       | 8      | 8       | 7        | Semi-Determinate | 8        | 7       | M            | M          | 9             | 7            |
| HT-389              | 113  | 2850                 | 26-32M     | 7     | 7       | 7       | 6      | 8       | 7        | Flex-Ear         | 8        | 9       | M            | M          | 7             | 7            |
| HT-7393             | 113  | 2820                 | 29-35M     | 8     | 7       | 5       | 7      | 7       | 7        | Semi-Flex        | 8        | 8       | MT           | MH         | 6             | 7            |
| HT-7425             | 114  | 2860                 | 29-35M     | 7     | 7       | 8       | 7      | 8       | 6        | Semi-Determinate | 9        | 7       | MT           | M          | 7             | 5            |
| <b>NEW!</b> HT-7451 | 114  | 2860                 | 31-36M     | 6     | 7       | 8       | 8      | 8       | 6        | Semi-Determinate | 8        | 7       | M            | M          | 9             | 7            |
| HT-7499             | 114  | 2885                 | 29-36M     | 7     | 8       | 7       | 7      | 8       | 6        | Semi-Flex        | 8        | 8       | M            | M          | 7             | 5            |
| HT-7500             | 115  | 2890                 | 29-35M     | 8     | 8       | 7       | 7      | 8       | 7        | Semi-Flex        | 8        | 8       | T            | MH         | 6             | 5            |
| HT-7676             | 116  | 2915                 | 28-36M     | 8     | 8       | 8       | 8      | 9       | 7        | Semi-Flex        | 9        | 8       | MT           | MH         | 9             | 9            |
| HT-7890             | 118  | 3000                 | 27-35M     | 7     | 8       | 8       | 7      | 8       | 6        | Semi-Flex        | 8        | 8       | MT           | MH         | 8             | 9            |

SCALE: 9 = Best, 1 = Poor

PLANT HEIGHTS: T = Tall, MT = Medium Tall, M = Medium, MS = Medium Short, S = Short

EAR HEIGHTS: H = High, MH = Medium High, M = Medium, ML = Medium Low, L = Low

The ratings in this chart reflect the differences between our superior hybrids only. It is designed to help you place your Great Heart hybrids as accurately as possible. For ratings on our hybrids as compared to other companies, please contact your representative.

# SOYBEANS

NEW!

**GT-3103XF**

EARLY III



- Larger plant than most early group III beans
- Carries multiple gene resistance to phytophthora for wetter soils
- Very good emergence scores
- Offers BSR resistance
- Rugged early bean with yield

POSSE

**GT-3967XF**

LATE III



- A combination of offense and defense
- This tall, medium bushy plant covers a lot of tough environments
- Good standability and emergence with high yield potential
- Consistency to work on all soils on your farm
- Genetically diverse

**GT-4538XFS**

MID IV



- Top variety for mixed to clay soils
- Good plant size with standability
- Quick to establish a wide canopy
- Very high yield potential
- Maintains size under stress

NEW!

**GT-3614XF**

MID III



- The mid III XtendFlex to plant for dominant yields
- Good size and durability
- An agronomic package that really covers the bases
- Maintains height under stress
- Rapid stand establishment to control weeds

NEW!

**GT-4460XF**

EARLY-MID IV



- Great on mixed soils with top performance on clays and loams
- Will canopy the rows and stand well
- Utility as a top yielder or defensive protector
- Quick stand establishment
- It has a place on all early-mid IV farms

NEW!

**GT-4632XFS**

MID-LATE IV



- Yield breaker on so many soil types
- Great on clays, even better on mixed to loams
- Handles stress well
- Different genetics compliment other Great Heart varieties
- Very good standability
- Good disease package including Target Spot

## CHOOSE RESULTS



**YIELD. WEED CONTROL. FLEXIBILITY.**

You want high-yielding performance. And you need options for managing tough weeds. XtendFlex<sup>®</sup> soybeans offer proven performance and herbicide tolerance to dicamba, glyphosate and glufosinate.

YIELD



Built on the proven performance of the high-yielding Roundup Ready 2 Xtend<sup>®</sup> soybeans for **outstanding agronomic performance.**

WEED CONTROL



**Dicamba, glyphosate and glufosinate tolerance** gives you control over 337 weeds<sup>1</sup> and up to 14 days of soil activity on certain small-seeded broadleaf weeds from XtendiMax<sup>®</sup> herbicide with VaporGrip<sup>®</sup> Technology, a restricted use pesticide.<sup>2</sup>

FLEXIBILITY



Choose the weed management strategy that suits you with **triple herbicide tolerance**, providing you with choice and flexibility in controlling tough weeds.

<sup>1</sup> Based on approved EPA herbicide labels for the herbicides recommended for use in each system as of 10/28/2020.

<sup>2</sup> Results may vary, depending on rainfall and soil type. Always use dicamba with residual herbicides in pre-emergence and postemergence applications that have different, effective sites of action, along with other Diversified Weed Management Practices.







**POSSE**

**GT-4756XF**

MID-LATE IV **TENDFLEX** SOYBEANS

- A very high yielder across many soil types
- Very good standability
- Above average height and branching
- Good variety to begin the planting season
- A salt excluder

**NEW!**

**GT-4791XFS**

MID-LATE IV

**TENDFLEX** SOYBEANS **STS**

- Top production numbers on mixed to clay soils
- Very strong emergence
- Excluder for salt with some help on Root Knot
- Fills rows completely
- Handles saturated soils better than most

**GT-5320XF**

EARLY-MID V

**TENDFLEX** SOYBEANS

- Very high yield potential
- Large plant profile that fills the row
- Fast stand establishment
- Phytophthora and Stem Canker resistance
- Strong Southern and East Coast selection

**POSSE**

**GT-4762XF**

MID-LATE IV **TENDFLEX** SOYBEANS

- A line that posts high yields on the productive soils and is a top choice for the tough acre as well
- A great choice for your wetter soils
- Strong line for medium to clay soils in the Delta
- Good variety for early planting
- Quick emergence makes it great for no-till environments

**POSSE**

**GT-4867XF**

LATE IV

**TENDFLEX** SOYBEANS

- The standability of a workhorse with the high yield capability of a plot winner
- A bigger plant to handle adversity while maintaining standability
- Consistent performer under stress
- Good choice for mixed soils to harsh clays
- Ready to get out of the ground quick

| VARIETY                | MATURITY | DRILL ADAPTED | EMERGENCE SCORE | CANOPY TYPE | PLANT HEIGHT | STANDABILITY | PHYTOPHTHORA RESISTANCE | PHYTOPHTHORA TOLERANCE | SIS TOLERANCE | SCN RESISTANCE | BROWN STEM ROT | WHITE MOLD | CHARCOAL ROT | FROGEYE | STEM CANKER | ROOT KNOT | SALT | PUBESCENCE COLOR | FLOWER COLOR | POPULATION |
|------------------------|----------|---------------|-----------------|-------------|--------------|--------------|-------------------------|------------------------|---------------|----------------|----------------|------------|--------------|---------|-------------|-----------|------|------------------|--------------|------------|
| <b>NEW!</b> GT-3103XF  | 3.1      | 7             | 8               | MB          | 38"          | 7            | 1C&3A                   | 6                      | 5             | MR3,R14        | R              | 4          | NA           | 4       | R           | NA        | Inc  | G                | P            | M          |
| <b>NEW!</b> GT-3614XF  | 3.6      | 7             | 8               | MB          | 37"          | 7            | 1C                      | 6                      | 7             | R3,MR14        | NA             | 5          | NA           | 6       | R           | S         | Inc  | G                | P            | M          |
| GT-3967XF              | 3.9      | 7             | 7               | MB          | 41"          | 7            | 1C                      | 6                      | 8             | MR3,R14        | NA             | NA         | NA           | 7       | R           | NA        | Inc  | G                | P            | M          |
| <b>NEW!</b> GT-4460XF  | 4.4      | 8             | 8               | MB          | 42"          | 8            | 1C                      | 5                      | 7             | R3,MR14        | NA             | NA         | NA           | 6       | R           | MS        | Exc  | Lt               | P            | M          |
| GT-4538XFS             | 4.5      | 7             | 8               | MB          | 43"          | 7            | 1C                      | 4                      | 7             | R3,MR14        | NA             | NA         | NA           | NA      | R           | S         | Exc  | Lt               | W            | M          |
| <b>NEW!</b> GT-4632XFS | 4.6      | 7             | 8               | M           | 42"          | 8            | S                       | 6                      | NA            | R3,MR14        | NA             | NA         | NA           | 8       | R           | S         | Inc  | Lt               | P            | M          |
| GT-4756XF              | 4.7      | 8             | 8               | MB          | 42"          | 8            | 1C                      | 4                      | 4             | R3,MR14        | NA             | NA         | NA           | 7       | R           | S         | Exc  | Lt               | P            | M          |
| GT-4762XF              | 4.7      | 7             | 8               | MB          | 42"          | 7            | 1K                      | 7                      | 7             | R3,MR14        | NA             | NA         | NA           | 6       | R           | NA        | Exc  | T                | P            | M          |
| <b>NEW!</b> GT-4791XFS | 4.7      | 7             | 8               | MB          | 43"          | 6            | 1C                      | 6                      | 4             | R3,MR14        | NA             | NA         | NA           | 5       | R           | MS        | Exc  | Lt               | P            | ML         |
| GT-4867XF              | 4.8      | 6             | 8               | M           | 43"          | 7            | S                       | 7                      | 7             | R3,MR14        | NA             | NA         | NA           | 8       | R           | S         | Inc  | Lt               | W            | M          |
| GT-5320XF              | 5.3      | 6             | 8               | MB          | 44"          | 6            | 1C                      | 6                      | 5             | R3,MR14        | NA             | NA         | NA           | NA      | R           | S         | Inc  | Lt               | P            | ML         |

SCALE: 9 = Best, 1 = Poor

CANOPY TYPE: B = Bushy, M = Medium Bush, S = Straight Line

PHYTOPHTHORA RESISTANCE: Shows specific gene resistance or S = Susceptible

SCN RESISTANCE: Shows races of cyst resistance, M = Moderate resistance, S = Susceptible

PUBESCENCE COLOR: T = Tawny, G = Gray

FLOWER COLOR: P = Purple, W = White

POPULATION: L = Low, ML = Medium-Low, M = Medium, MH = Medium-High, H = High



# SOYBEANS

## GT-4255XS **EARLY IV**



- Overall great variety that every farmer wants in their lineup
- True workhorse variety that will perform from the Midwest to the Delta
- Very adaptable bean that has strong yield potential in good growing conditions
- Rapid emergence with a strong disease package
- Excellent choice for fields with varying soil conditions

## GT-4677XS **MID IV**



- Rare agronomic package that brings yield to clays and loams alike
- Excellent emergence, standability, and canopy
- Versatile yield winner with great top end potential
- Full resistance to Stem Canker and a 9 rating on SDS
- Excluder for salt issues

## GT-5214X **EARLY V**



- Versatile indeterminate bean that handles inconsistent conditions
- Excellent protection vs Stem Canker and Root Knot as well as Frogeye and SDS
- Puts up big yields across varying soils
- Gets out of the ground quickly, stands well
- Dicamba resistance makes this a true go-anywhere variety

## GT-4540XS **MID IV**



- Very versatile throughout the southern Midwest, Delta, and East Coast
- Fantastic top end yield
- Handles many different stresses
- Wide body plant design
- An excellent choice for a variety with stacked herbicide tolerance

## GT-4833XS **MID-LATE V**



- Designed for high yields on Delta clays
- Stem Canker resistance
- Good variety for tough emergence conditions
- Because of its unique genetic makeup, it's a great companion with other Great Heart lines
- Good choice for Frogeye

## GT-5417X **EARLY-MID V**



- Versatile variety with yield and consistency all across the board
- Great in the Delta and Southeast
- An indeterminate, medium-tall variety that stands remarkably well
- Good choice for farms with varying soils and can handle no-till
- Phytophthora, Cyst Nematode and Stem Canker resistance
- With great emergence, an excellent choice

| VARIETY   | MATURITY | DRILL ADAPTED | EMERGENCE SCORE | CANOPY TYPE | PLANT HEIGHT | STANDABILITY | PHYTOPHTHORA RESISTANCE | PHYTOPHTHORA TOLERANCE | SDS TOLERANCE | SCN RESISTANCE | BROWN STEM ROT | WHITE MOLD | CHARCOAL ROT | FROGEYE | STEM CANKER | ROOT KNOT | SALT | PUBESCENCE COLOR | FLOWER COLOR | POPULATION |
|-----------|----------|---------------|-----------------|-------------|--------------|--------------|-------------------------|------------------------|---------------|----------------|----------------|------------|--------------|---------|-------------|-----------|------|------------------|--------------|------------|
| GT-4255XS | 4.2      | 9             | 9               | M           | 41"          | 8            | 1C                      | 6                      | 7             | R3,MR14        | NA             | NA         | NA           | 7       | R           | S         | Exc  | Lt               | P            | M          |
| GT-4540XS | 4.5      | 8             | 8               | B           | 42"          | 7            | 1A1C                    | 8                      | 7             | R3,MR14        | NA             | NA         | NA           | 9       | R           | S         | Inc  | Lt               | P            | ML         |
| GT-4677XS | 4.6      | 7             | 8               | MB          | 41"          | 7            | 1C                      | 7                      | 9             | R3,MR14        | NA             | NA         | NA           | 7       | R           | S         | Exc  | Lt               | P            | M          |
| GT-4833XS | 4.8      | 7             | 8               | MS          | 44"          | 7            | S                       | 8                      | 7             | R3,MR14        | NA             | NA         | NA           | 8       | R           | S         | Inc  | Lt               | P            | ML         |
| GT-5214X  | 5.2      | 7             | 9               | MB          | 43"          | 7            | S                       | 6                      | 7             | S              | NA             | NA         | NA           | 8       | R           | R         | Inc  | T                | P            | M          |
| GT-5417X  | 5.4      | 8             | 8               | MB          | 41"          | 8            | 1C                      | 7                      | 6             | MR3            | NA             | NA         | NA           | 7       | R           | MS        | Inc  | T                | P            | M          |

SCALE: 9 = Best, 1 = Poor

CANOPY TYPE: B = Bushy, M = Medium Bush, S = Straight Line

PHYTOPHTHORA RESISTANCE: Shows specific gene resistance or S = Susceptible

SCN RESISTANCE: Shows races of cyst resistance, M = Moderate resistance, S = Susceptible

PUBESCENCE COLOR: T = Tawny, G = Gray

FLOWER COLOR: P = Purple, W = White

POPULATION: L = Low, ML = Medium-Low, M = Medium, MH = Medium-High, H = High





# PARTNER WITH **THE POSSE**



**THE POSSE** — Made up of key corn hybrids and soybean varieties that are designed to help you wrangle up the best performance on your farm. Each one a legend in chasing down higher yields. They partner perfectly with the other outstanding lines offered in this seed guide to maximize profits on your specific farm. *Aim for the heart, Great Heart!*

# COUNT ON 'EM FOR HIGH YIELDS AND PROFITS.

## Partnering to Provide Financing for Great Heart Customers Like Yourself

Fast. Convenient. Up to \$250,000.

AgQuest provides unsecured line of credits that can be used by customers of Great Heart Seed, allowing greater flexibility to purchase seed inputs in one convenient program. It enables growers to make early commitments to lock in the seed that they need. Payment is deferred until after harvest, with the advantage of less paperwork and a quick credit decision.

**Contact Patty Blackburn at 765.490.6890 for details.**



AgQuest Insurance Agency is an equal opportunity provider.



**AgQuest**  
Financial Services, Inc.

# SOYBEANS

NEW!

## GT-2740E MID-LATE II



- Peking cyst resistant yielder
- Great agronomics for its area of adaptation
- Brown Stem Rot and Phytophthora resistance
- Gets established quickly
- Maintains height even under stress

NEW!

## GT-2944E LATE II



- Peking resistance for protection against all known soybean cyst nematode races
- A good sized plant with standability
- A plant with eye appeal and versatility
- Its agronomics allow early planting
- Very strong across most soil types

## GT-3337E MID-EARLY III



- A yielder with Peking cyst resistance
- Larger plant that offers full canopy
- Added Brown Stem Rot and SDS protection
- Quick emergence
- Great choice to cover varying soil types

## GT-3443ES MID-EARLY III



- A healthy line that does not give up its yield to common pressures that affect other beans
- Easy variety to place anywhere on the farm
- Can increase yield levels on soils of various productivity
- Good size and quick canopy to help conserve soil moisture

NEW!

## GT-3561ES MID III



- A great all-purpose line
- Top production across all soils
- Rapid stand establishment
- Handles most production issues
- Approved for all row widths

POSSE

## GT-3665E MID III



- Extremely high yielding variety that covers a wide area
- Maintains good standability all season
- Does not shrink under stressful environments
- Easy to position on your farm
- Resistance to Brown Stem Rot and Stem Canker, with tolerance to Frogeye

NEW!

## GT-3770E MID-LATE III



- Rugged plant with very high yield potential
- Excellent wet soils option
- Canopies quickly
- Tough enough to handle drought stress
- Full-size plant for better weed control

POSSE

## GT-3894ES LATE III



- Record setting yielder that is a wide-body line, which really helps in stress situations
- Take advantage of the solid canopy for drought and weed control
- Cyst, Phytophthora and Stem Canker resistance
- Good choice for wet feet
- Emerges fast even in no-till soils

NEW!

## GT-3972E LATE III



- Top yields in lots of places
- Very good choice for good soils
- Very good choice for tough soils
- Handles multiple row widths
- Excluder for salt

POSSE

## GT-4005ES EARLY IV



- Top yields in high and low productivity environments
- Quick emergence to start your season right
- Medium-tall plant to cover and shade your tougher soils
- Comprehensive disease package
- Good choice for your saturated soils

## GT-4320ES EARLY-MID IV



- An easy choice for multiple soils in the Midwest and South
- Standout yielder
- Genetically protected against Frogeye, Stem Canker and Phytophthora
- Can be planted early or late
- Strong standability

NEW!

## GT-4563ES MID IV



- Built to cover a wide geography
- Beautiful bean from emergence to harvest
- Will canopy over on clay soils
- Stands on the loamy soils
- Good disease package for most concerns

## GT-4573ES MID IV



- Great looking tawny variety that's big enough for the clays but stands on the loams
- It pulls in the top yields but is tough to beat in stress
- A wide area of adaptation
- Solid standability rating to keep it upright all year
- Strong disease protection

NEW!

## GT-4810E LATE IV



- Full size plant to completely canopy rows
- Strong lodging resistance to support its size
- Very good emergence scores
- Good choice for wetter or droughty soils
- Excluder for salt

## GT-4854ES LATE IV



- A top pick for medium to clay soils throughout the south
- Endures stress well and has high yield capability
- Quick to establish full canopy
- Very good agronomic package
- Excluder for salt



Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use on Enlist® crops.

**SOYBEANS** | 2,4-D choline | Glyphosate | Glufosinate

**CORN** | 2,4-D choline | Glyphosate | Glufosinate | FOP Herbicides

## ENLIST® WEED CONTROL SYSTEM OVERVIEW

### On-Target Application

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



- Convenient proprietary blend of 2,4-D choline and glyphosate
- The two sites of action work together to deliver control of yield-robbing weeds and help prevent resistance



- Straight-goods 2,4-D choline with additional tank-mix flexibility
- Provides additional tank-mix flexibility with Liberty® herbicide and other qualified tank-mix products, allowing for a customized weed control program to fit each farm

|      | VARIETY   | MATURITY | DRILL ADAPTED | EMERGENCE SCORE | CANOPY TYPE | PLANT HEIGHT | STABILITY | PHYTOPHTHORA RESISTANCE | PHYTOPHTHORA TOLERANCE | SOS TOLERANCE | SCN RESISTANCE | BROWN STEM ROT | WHITE MOLD | CHARCOAL ROT | FROGEYE | STEM CANKER | ROOT KNOT | SALT | PUBESCENCE COLOR | FLOWER COLOR | POPULATION |
|------|-----------|----------|---------------|-----------------|-------------|--------------|-----------|-------------------------|------------------------|---------------|----------------|----------------|------------|--------------|---------|-------------|-----------|------|------------------|--------------|------------|
| NEW! | GT-2740E  | 2.7      | 7             | 8               | M           | 37"          | 7         | 1K                      | 8                      | 7             | All Known      | R              | 6          | NA           | 4       | R           | MR        | Exc  | T                | W            | M          |
| NEW! | GT-2944E  | 2.9      | 7             | 8               | M           | 36"          | 7         | 1K                      | 8                      | 7             | All Known      | S              | 6          | NA           | NA      | R           | NA        | Inc  | G                | P            | M          |
|      | GT-3337E  | 3.3      | 7             | 8               | MB          | 37"          | 7         | S                       | 9                      | 7             | All Known      | R              | NA         | NA           | 6       | R           | NA        | Inc  | G                | P            | M          |
|      | GT-3443ES | 3.4      | 7             | 7               | M           | 37"          | 7         | 1K                      | 7                      | 8             | R3,MR14        | R              | 6          | 7            | 6       | R           | MR        | Inc  | Lt               | P            | M          |
| NEW! | GT-3561ES | 3.5      | 7             | 8               | MB          | 38"          | 7         | S                       | 8                      | 8             | R3,MR14        | R              | NA         | 7            | 6       | R           | NA        | Inc  | G                | P            | M          |
|      | GT-3665E  | 3.6      | 7             | 8               | MB          | 38"          | 7         | S                       | 8                      | 7             | R3,MR14        | R              | 6          | 7            | 6       | R           | NA        | Inc  | G                | P            | M          |
| NEW! | GT-3770E  | 3.7      | 7             | 8               | MB          | 40"          | 7         | 1K                      | 8                      | 7             | R3,MR14        | S              | NA         | 7            | 8       | R           | NA        | Inc  | Lt               | W            | M          |
|      | GT-3894ES | 3.8      | 6             | 7               | B           | 40"          | 6         | 1C                      | 7                      | 6             | R3,MR14        | S              | 5          | NA           | 7       | R           | NA        | Inc  | Lt               | W            | ML         |
| NEW! | GT-3972E  | 3.9      | 7             | 8               | M           | 40"          | 7         | 1C                      | 1C                     | 8             | MR3            | 7              | NA         | NA           | NA      | R           | NA        | Exc  | G                | P            | M          |
|      | GT-4005ES | 4.0      | 7             | 9               | M           | 40"          | 7         | 1C                      | 7                      | 6             | R3,MR14        | S              | NA         | NA           | 7       | R           | S         | Inc  | Lt               | W            | M          |
|      | GT-4320ES | 4.3      | 8             | 9               | M           | 40"          | 8         | 1K                      | 7                      | 7             | R3,MR14        | R              | NA         | NA           | 7       | R           | S         | Inc  | Lt               | W            | M          |
| NEW! | GT-4563ES | 4.5      | 7             | 8               | MB          | 41"          | 7         | 1C                      | 6                      | 6             | R3,MR14        | S              | NA         | NA           | 8       | R           | S         | Inc  | Lt               | W            | M          |
|      | GT-4573ES | 4.5      | 8             | 8               | MB          | 41"          | 8         | S                       | 7                      | 7             | R3,MR14        | S              | 5          | NA           | 8       | R           | S         | Exc  | T                | W            | M          |
| NEW! | GT-4810E  | 4.8      | 7             | 8               | B           | 43"          | 7         | 1C                      | 6                      | 7             | R3,MR14        | S              | NA         | NA           | 8       | R           | NA        | Exc  | G                | W            | M          |
|      | GT-4854ES | 4.8      | 8             | 9               | MB          | 42"          | 8         | 1C                      | 7                      | NA            | R3,MR14        | R              | NA         | NA           | 8       | R           | S         | Exc  | G                | W            | M          |

SCALE: 9 = Best, 1 = Poor

CANOPY TYPE: B = Bushy, M = Medium Bush, S = Straight Line

PHYTOPHTHORA RESISTANCE: Shows specific gene resistance or S = Susceptible

SCN RESISTANCE: Shows races of cyst resistance, M = Moderate resistance, S = Susceptible

PUBESCENCE COLOR: T = Tawny, G = Gray

FLOWER COLOR: P = Purple, W = White

POPULATION: L = Low, ML = Medium-Low, M = Medium, MH = Medium-High, H = High



# WHEAT



**NEW!**

## GHT-9271

**A smooth-headed showy variety with high yields and the versatility to always be at the top.**

- Tremendous yields in the Midwest, South and East
- Earlier harvest date
- Excellent plant health package
- Very showy variety with huge heads
- Very good winter hardiness
- Smooth head on a heavy straw producer

*Recommended Population: 1,700,000/125#*

*Recommended Nitrogen: High to very high\**

## GHT-9530

**A game-changing variety for yield, test weight and durability.**

- A variety that can be pushed to new yield records
- Incredible test weights
- Head scab resistance reduces spread of infection
- Very good straw production
- Solid disease package
- Good maturity for double crop

*Recommended Population: 1,700,000/125#*

*Recommended Nitrogen: Medium to very high\**

## GHT-940

**Slam dunk variety!**

**Top yields with a great defensive package.**

- Huge yield potential
- Excellent standability
- Excellent winter hardiness
- Excellent test weights
- Handles different soil types very well
- Very good scab tolerance

*Recommended Population: 1,700,000/125#*

*Recommended Nitrogen: Medium to very high\**

## GHT-9642

**A line that consistently places at the head of the class.**

- Superior consistency
- Record setting yield potential
- Head scab resistance reduces spread of infection
- Very good agronomic package
- Strong winter hardiness
- Establishes a stand quickly with excellent tillering

*Recommended Population: 1,700,000/125#*

*Recommended Nitrogen: High to very high\**

| VARIETY              | MATURITY     | BEARDED | HEIGHT      | TEST WEIGHT | WINTER HARDINESS | LODGING | LEAF RUST | STEM RUST | STRIPE RUST | POWDERY MILDEW | SEPTORIA | SCAB RESISTANCE | SCAB TOLERANCE | SOIL BORNE MOSAIC VIRUS | BARLEY YELLOW DWARF |
|----------------------|--------------|---------|-------------|-------------|------------------|---------|-----------|-----------|-------------|----------------|----------|-----------------|----------------|-------------------------|---------------------|
| <b>NEW!</b> GHT-9271 | Early        | No      | Medium      | VG          | VG               | VG      | VG        | NA        | G           | VG             | G        | Type I & II     | VG             | P                       | VG                  |
| GHT-9530             | Medium Early | Yes     | Medium-Tall | EX          | G                | VG      | AVG       | G         | VG          | G              | VG       | Type II         | VG             | G                       | VG                  |
| GHT-940              | Medium       | Yes     | Medium      | EX          | EX               | EX      | G         | G         | VG          | G              | G        | No              | VG             | NA                      | VG                  |
| GHT-9642             | Medium       | Yes     | Medium      | G           | VG               | VG      | G         | VG        | VG          | EX             | VG       | Type II         | VG             | VG                      | G                   |

**RATINGS:** EX = Excellent, VG = Very Good, G = Good, F = Fair, P = Poor

**SCAB RESISTANCE:** Type resistance, S = Susceptible

\* Very high nitrogen levels should use split spring applications.

USE RESTRICTIONS AND LIMITED LICENSE: THE ONLY PERMISSIBLE USE OF THE SEED CONTAINED IN THIS BAG IS FOR THE PRODUCTION OF A SINGLE CROP FOR FOOD, FEED OR PROCESSING. ABSOLUTELY NO RESEARCH OR BREEDING MAY BE DONE WITH THIS MATERIAL. EXPORT OR TRANSFER OF THIS MATERIAL OR ITS PROGENY FROM THE COUNTRY OF PURCHASE FOR ANY USE OTHER THAN AS GRAIN FOR FOOD, FEED OR PROCESSING IS STRICTLY PROHIBITED. This product may be protected by Plant Variety Protection laws (PVP). Export of PVP protected seed is prohibited. This product may also be protected under the laws of other countries. If the tag, top of the bag and/or bill of sale indicates this product is protected under one or more U.S. patents, Purchaser agrees that it is granted a limited license thereunder only to produce a single crop for food, feed or processing. Resale of this seed or supply of saved seed to anyone, including Purchaser, for planting is strictly prohibited under this license. Use of this product in development or breeding also is strictly prohibited. If Purchaser does not agree to these terms, please return the seed unopened.

# ULTIMATE ALFALFA



High productivity and excellent return on investment make Ultimate alfalfa a must have on any forage farm. Fast regrowth and excellent tonnage will put this line of alfalfa on the shortlist of the most highly productive alfalfas on the market. Agronomic improvements from our Platinum line make this a product that farmers can rely on for years to come.



## PERFORMANCE

Ultimate alfalfa is at the front of the pack in tests on multiple soils, and offers high tonnage, highly digestible forage for silage or baling. In the hay business, every penny counts, and Ultimate alfalfa delivers the quality that you and your animals demand, providing the performance that you need.

## SURVIVABILITY

Great Heart's Ultimate alfalfa line offers superior survivability to anything else on the market. With an impeccable disease package, fall dormancy 4, and a 6-year life expectancy, Ultimate alfalfa has the agronomics to stand where other alfalfas fall short. On top of an outstanding disease package, Ultimate also offers resistance to Pea Aphids and Blue Aphids. This gives Great Heart alfalfa consistency across the board and makes it an easy choice for valuable hay acres.

## QUALITY

High tonnage and excellent digestibility are not overlooked with Ultimate. We strive to deliver a product that will exceed farmer's expectations and this alfalfa does just that. Whether it's for hay, silage, or grazing, Ultimate delivers the nutritional value and quality that you're looking for in a forage product.

|                |               |          |                |                |                   |               |             |              |                    |                    |               |                    |            |             |
|----------------|---------------|----------|----------------|----------------|-------------------|---------------|-------------|--------------|--------------------|--------------------|---------------|--------------------|------------|-------------|
| FORAGE QUALITY | SPRING GROWTH | REGROWTH | TRAFFIC RATING | BACTERIAL WILT | VERTICILLIUM WILT | FUSARIUM WILT | ANTHRACNOSE | PHYTOPHTHORA | APHANOMYCES RACE 1 | APHANOMYCES RACE 2 | STEM NEMATODE | ROOT KNOT NEMATODE | PEA APHIDS | BLUE APHIDS |
| 8              | 8             | 9        | 7              | HR             | HR                | HR            | HR          | HR           | HR                 | R                  | R             | HR                 | R          | R           |


SCALE: 9 = Best, 1 = Poor    RESISTANCE: HR = High Resistance, R = Resistance

**Seed Piracy Statement** - Seed containing a patented trait can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, and XtendFlex® soybeans. Additional information and limitations on the use of these products are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: [tug.bayer.com](http://tug.bayer.com). U.S. patents for Bayer technologies can be found at the following webpage: [cs.bayerpatents.bayer.com](http://cs.bayerpatents.bayer.com)

**LibertyLink® Patent Statement** - Seeds containing the LibertyLink® trait may be protected under one or more U.S. patents and may be planted only to produce one (1) commercial crop in a single season, and only after signing a Bayer Grower Technology Agreement. It is illegal to save seeds containing the LibertyLink trait for use as planting seed or for transfer to others for use as planting seed.

**Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium-based herbicides.** Agrisure®, Agrisure Viptera®, Agrisure Duracade®, and E-Z Refuge® are registered trademarks of a Syngenta Group Company.

More information about Agrisure Duracade® is available at <http://biotradestatus.com/>.

 Corn trait technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. Herculex® Technology incorporated into these seeds is commercialized under license from Corteva Agriscience LLC. HERCULEX® and the HERCULEX Shield are trademarks of Corteva Agriscience LLC.



Planting Refuges, Preserving Technology

Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation and agreement to comply with the most recent stewardship requirements.



*No dicamba may be used in-crop with seed with Roundup Ready® Xtend Technology, unless and until approved or specifically permitted, and no dicamba formulations are currently registered for such use in the 2024 season. Please follow <https://www.roundupreadyxtend.com/pages/xtendimax-updates.aspx> for status updates.*

**Bayer is a member of Excellence Through Stewardship® (ETS).** Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.** It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. 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 products with XtendFlex® Technology.

**B.t. products** may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

**Refuge seed may not always contain the DroughtGard® trait. IMPORTANT IRM INFORMATION:** Certain products are sold as RIB Complete® corn blend products, and do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. Products sold without refuge in the bag (non-RIB Complete) require the planting of a structured refuge. **See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.**

**Roundup Ready® 2 Technology** contains genes that confer tolerance to glyphosate. **Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate** will kill crops that are not tolerant to glyphosate. **Dicamba** will kill crops that are not tolerant to dicamba. **Glufosinate** will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

Insect control technology provided by **Vip3A** is utilized under license from Syngenta Crop Protection AG. DroughtGard®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, SmartStax®, Trecepta®, VT Double PRO® and XtendFlex® are registered trademarks of Bayer Group. Herculex® is a registered trademark of Dow AgroSciences LLC. Agrisure Viptera® is a registered trademark of a Syngenta group company. LibertyLink logo® and LibertyLink® are trademarks of BASF Corporation. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association.

**Seeds containing the PowerCore® Enlist®, PowerCore® Enlist® Refuge Advanced®, and Enlist® Corn - REFUGE** traits are protected under one or more U.S. patents which can be found at: [www.traitstewardship.com](http://www.traitstewardship.com). The purchase of this traited seed includes a limited license to produce a single crop in the United States. The use of seed from such a crop and/or the progeny thereof for propagation or seed multiplication or for production or development of a hybrid or different variety of seed is strictly prohibited. You acknowledge and agree to be bound by the terms and conditions of the following documents in effect at the time of planting of this seed: (i) the Corteva Agriscience Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements.

To plant PowerCore Enlist, PowerCore Enlist Refuge Advanced, and Enlist Corn - REFUGE seed, you must have a limited license from Corteva Agriscience (or other appropriate affiliates). In consideration of the foregoing, Corteva Agriscience grants to the Grower a limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed.

IRM - Properly managing trait technology is key to preserving it as a long term crop protection tool. Growers who fail to comply with IRM requirements risk losing access to this product. To help preserve the effectiveness of B.t. corn technologies, growers planting B.t. corn technologies are required to follow an IRM Plan. Consult the Corn Product Use Guide for appropriate refuge configuration options. Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the Technology Use Agreement and Product Use Guide. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements. For complete details on IRM requirements for hybrids with Bt technology, including refuge examples and important information on the use of insecticides on refuge and Bt corn acres, please consult appropriate Product Use Guide. Go to [www.corteva.us/Resources/trait-stewardship.html](http://www.corteva.us/Resources/trait-stewardship.html) to download the latest Corteva Agriscience Corn Product Use Guide.

Enlist E3® soybean seeds containing the Enlist® trait can only be used to plant a single commercial crop. It is unlawful to save and replant Enlist E3® soybeans. Additional information and limitations on the use of these products are provided in the Corteva Agriscience Technology Use Agreement and Enlist® Soybean Product Use Guide. U.S. patents for Corteva Agriscience technologies can be found at the following webpage: [www.corteva.us/Resources/trait-stewardship.html](http://www.corteva.us/Resources/trait-stewardship.html).

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Corteva Agriscience policies regarding stewardship of those products. In line with these guidelines, Corteva Agriscience's product launch process for responsible launches of new products includes a long-standing process to evaluate export market information, value chain consultations, and regulatory functionality. Growers and end-users must take all steps within their control to follow appropriate stewardship requirements and confirm their buyer's acceptance of the grain or other material being purchased. For more detailed information on the status of a trait or stack, please visit [www.biotradestatus.com](http://www.biotradestatus.com).

Excellence Through Stewardship® is a registered trademark of Global Stewardship Group.

Following burndown, Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use with Enlist® corn and soybeans. Consult Enlist® herbicide labels for weed species controlled. Enlist Duo and Enlist One herbicides are not registered for use or sale in all states and counties; are not registered in AK, CA, CT, HI, ID, MA, ME, MT, NH, NV, OR, RI, UT, VT, WA and WY; and have additional subcounty restrictions in AL, GA, TN and TX, while existing county restrictions still remain in FL. All users must check "Bulletins Live! Two" no earlier than six months before using Enlist One or Enlist Duo. To obtain "Bulletins," consult [epa.gov/essp](http://epa.gov/essp), call 1-844-447-3813, or email [ESSP@epa.gov](mailto:ESSP@epa.gov). You must use the "Bulletin" valid for the month and state and county in which Enlist One or Enlist Duo are being applied. Contact your state pesticide regulatory agency if you have questions about the registration status of Enlist® herbicides in your area. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO USE ANY PESTICIDE PRODUCT OTHER THAN IN ACCORDANCE WITH ITS LABELING. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USE IN THE STATE OF APPLICATION. USE OF PESTICIDE PRODUCTS, INCLUDING, WITHOUT LIMITATION, 2,4-D-CONTAINING PRODUCTS NOT AUTHORIZED FOR USE WITH ENLIST CORN AND SOYBEANS, MAY RESULT IN OFF-TARGET DAMAGE TO SENSITIVE CROPS/AREAS AND/OR SUSCEPTIBLE PLANTS, IN ADDITION TO CIVIL AND/OR CRIMINAL PENALTIES. Additional product-specific stewardship requirements for Enlist crops, including the Enlist Product Use Guide, can be found at [www.traitstewardship.com](http://www.traitstewardship.com).

POWERCORE® is a registered trademark of Bayer Group. POWERCORE® multi-event technology developed by Corteva Agriscience and Bayer Group. Liberty®, LibertyLink® and the Water Droplet Design are registered trademarks of BASF. Roundup and Roundup Ready are registered trademarks of Bayer Group. Always follow IRM, grain marketing and all other stewardship practices and pesticide label directions. B.t. products may not yet be registered in all states. Check with your seed representative for the registration status in your state. The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies, L.L.C.

Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

™ ® Trademarks of Corteva Agriscience and its affiliated companies.



GREAT HEART SEED, INC.

220 WEST WASHINGTON STREET  
PARIS, IL 61944

217.465.4132

GREATHEARTSEED.COM

