

2022

SEED  
GUIDE



SOYBEANS

CORN

ENOGEN®



# WE'RE LISTENING

## Our Promise

To work and listen with intention, helping farmers find threats, opportunities and custom solutions for every acre.

## Our Story

We believe there is a better solution to be found in every field, and finding it starts with first listening to you—the farmer. We share the keen sense of detail it takes to understand every facet of an operation and make each season a success.

## Our Seed Guide is Just That – A Guide

Because the acres and conditions unique to each farmer are what determine the best placement and results. Consider this your best accessory to optimal yield potential, and consider Golden Harvest® seeds the best choice for your fields now and, more importantly, your vision for the future.

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### Silage

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### Our Programs

“ MOST OF OUR SEED ADVISORS ARE FARMERS THEMSELVES. THIS GIVES US A DIRECT CONDUIT TO WHAT IS HAPPENING IN THE FIELD FROM THOSE LIVING IT EVERY DAY. BY LISTENING TO OUR SEED ADVISORS AND OUR FARMER CUSTOMERS WE ARE ABLE TO ADAPT AND EVOLVE QUICKLY TO STAY RELEVANT IN A FAST-CHANGING INDUSTRY.”

-Dave Young, Head, Golden Harvest Marketing



# SERVICE 365

Service 365 is our year-round commitment to doing whatever it takes to optimize yields in each farmer's field conditions. From locally proven product recommendations to in-season advice to harvest insights, we deliver a service experience that yields results.

Our six-phase commitment below sets priorities and guides which agronomic insights, E-luminate technologies and field monitoring farmers may need to make the best data-driven decisions. But it all starts with listening, because Golden Harvest is here to tailor our recommendations and tools to you—not the other way around.



“GOLDEN HARVEST HAS VARIETIES TO FIT YOUR ACRES AND THE EXPERTISE TO PLACE THEM FOR SUCCESS. WE ARE PASSIONATE ABOUT HELPING FARMERS BE MORE PROFITABLE.”

-Andy Lee, Head, Golden Harvest East Commercial Unit

## 01

Season Prep

## 02

Establishment

## 03

Plant Growth

## 04

Yield Potential

## 05

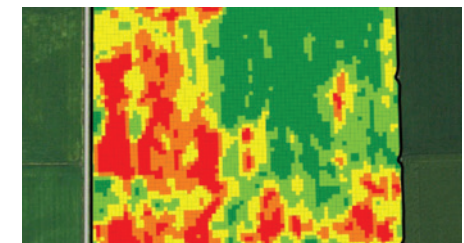
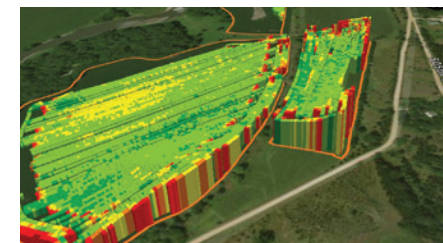
Harvest Prep

## 06

Harvest-Post-Harvest



Experience insights on the go with E-luminate. Each feature within our digital agronomy platform is designed with intention, allowing greater visibility to see what you may need and when you need to see it in your fields. Our Seed Advisors make the difference in turning this data into yield potential by compiling, analyzing and uploading data and insights into E-luminate for you.



### Planning

#### GAME PLAN

- > Field x Field Proposals
- > Auto Rate Assignments
- > Customized Product Information

#### RANGEFINDER

- > Variable Rate Scripts for Soy and Corn

### In-Season

#### E-LUMINATE DIGITAL AGRONOMY PLATFORM MOBILE APP

- > Scouting
- > Weather Data

#### MACHINE DATA

- > Planting Data

#### GRAIN COUNT APP

- > Use your cell phone to take a photo of corn to get yield projections

### Harvest

#### HARVEST PRIORITY

- > Prioritizes fields by hybrid to help develop a pre-harvest plan

#### MACHINE DATA

- > Yield Data

“THE 2022 LINEUP IS COMPLETELY FOCUSED ON OUR CUSTOMERS' NEEDS. YIELD, RETURN-ON-INVESTMENT, PERFORMANCE, AGRONOMICS, CHOICE AND EASE OF DOING BUSINESS. WE HEAR YOU, AND OUR CUSTOMER-OBSSESSED APPROACH IS DEDICATED TO DELIVERING.”

-Nick Frohardt, Head, Golden Harvest West Commercial Unit

# OUR R&D COMMITMENT

From our expert-packed U.S. research centers to the more than \$1.4 billion we invest annually in research and development—No. 2 globally in R&D spend—we take everything our teams hear from farmers and see in the field to develop the solutions farmers need and commercialize them as quickly as possible. Syngenta is investing \$400 million in our North American Seeds business to drive the balanced synchronization of speed, precision and power.

**\$1.4B**  
R&D Annual Investment

**5K+**  
Global R&D Employees



## More Speed

### TRAIT INTROGRESSION ACCELERATION

- > New \$45 million corn-focused facility in Nampa, Idaho
- > Trait conversion accelerator infrastructure enables Syngenta to rapidly bring market-leading corn traits to market using controlled environment growth spaces and state-of-the-art processes
- > Soy-focused facility in Clinton, Illinois, is the industry's first large-scale facility of this type
- > Aims to get new traits into high-performing germplasm as rapidly as possible, moving to field trials in record time
- > Optimized seed testing and development to shorten the path to commercial varieties to as little as three years from the typical six- to-seven years
- > How we're able to bring options like Enlist E3® soybean varieties to market faster than almost anyone else in the industry without ever taking risks on product performance

### HI-EDIT™ TECHNOLOGY

- > Proprietary and revolutionary method will improve speed to market without sacrificing precision or quality, shortening the trait introgression process
- > Tim Kelliher, Ph.D., of Syngenta discovered the haploid inducer gene, H-I or HI gene, which makes the method possible
- > With HI-Edit Technology, we've blended both gene editing and doubled haploid breeding methods, allowing us to edit hundreds of hybrid lines faster and getting new traits into our strong, proprietary genetics even faster

## More Precision

### STALK CRUSHER

- > Stalk Crusher tests the density of every corn stalk on every test plot at all 300+ of our research sites, collecting 20x more

data compared to traditional testing, bringing stronger corn products—with greater predictability—to market faster

- Other seed companies manually count only downed corn, and in only a portion of their test plots
- > State-of-the-art sensors measure the force needed to take down stalks during harvest
- > This allows us to collect countless data points, leading to greater accuracy for genetic testing and the ability to bring stronger corn products to market faster

## More Power

- > Golden Harvest is committed to farmer collaboration in finding threats, opportunities, and custom solutions for every acre, leveraging the power of Syngenta Seeds R&D
  - By inviting farmers to see and participate in the process at our labs, growing chambers and in-field trials, we're able to collaborate to fuel more timely and relevant innovations
- > Syngenta Innovation Center at Research Triangle Park (RTP), North Carolina
  - Syngenta scientists stimulate various growing environments, including 50 acres of state-of-the-art greenhouses, to aid in the discovery and development of biotech seed technologies

## More to Come

- > R&D Innovation and Customer Experience Center in Malta, Illinois
  - Brings together the best researchers, scientists and farmers from across the country for on-farm collaboration
  - An ideation center that will test new decision science concepts that stem from the needs of our farmer customers
- > Syngenta's Farm of the Future in Ottawa, Illinois
  - Serving as an incubator for concepts coming out of the Customer Experience Center, its sole purpose is to determine whether a concept can scale up to commercial level and bring farmers the value they are looking for (or vice versa) or needs to be pulled back for additional research
  - 152 acres managed by Syngenta employees



Syngenta  
Seed-to-Seed



HI-Edit  
Technology



Stalk Crusher

# AGRONOMY

Strong agronomics are at the core of the Golden Harvest brand. Our agronomists and Golden Harvest Seed Advisors listen and record actionable data and local insights to precisely place products for maximum performance in your fields. With a year-round commitment to taking in every facet of your farm and doing whatever it takes to optimize yield potential in your field conditions, our team helps you manage your corn and soybean crops throughout the season—giving you the most out of every acre.



## Seeding Rate Online Tool ✨

### YIELD ENVIRONMENT

- > Optimum seeding rates increase as yield potential increases. The penalty associated with choosing the incorrect seeding rate also increases at higher yield environments.

### HYBRID RESPONSE

- > The yield response to increasing or decreasing seeding rates differs considerably among hybrids. Golden Harvest evaluates each hybrid's seeding response at multiple trialing locations each year for two or more years to help fine-tune field recommendations by yield environments.

### ECONOMIC FACTORS

- > The optimum seeding rate for maximizing return will be slightly lower than the highest yielding seeding rate. The optimum economic seeding rate will also go up or down with commodity prices. Increases in seed cost will reduce the economic optimum, although cost influences seeding rate much less than other factors.

## Agronomy Book Experts 📖

The Golden Harvest Agronomy in Action Research Review offers expert insights and research on corn and soybean development, disease management and cultivating a better harvest in your fields. Our Agronomy Team experts specialize in listening to every cue and detail in your area and the industry, then recommending the best custom solutions for your fields and conditions.

“GOLDEN HARVEST PROVIDES GROWERS WITH INDUSTRY-LEADING AGRONOMIC INSIGHTS THROUGH OUR INDUSTRY-LEADING AGRONOMY IN ACTION INFORMATION AND RESEARCH. LOOK TO GOLDEN HARVEST FOR TIMELY AND CUTTING-EDGE AGRONOMY INFORMATION.”

-Dave Schlake, Golden Harvest Agronomy Lead

“THE GOLDEN HARVEST AGRONOMY TEAM IS COMMITTED TO YOU AND YOUR OPERATION'S SUCCESS. WHETHER IT BE PRODUCT KNOWLEDGE AND RECOMMENDATIONS OR BROAD BASED AGRONOMIC ADVICE, WE STAND READY, WILLING AND ABLE TO HELP YOU NAVIGATE THE UPCOMING GROWING SEASON AND ENSURE OUR SUCCESS ON YOUR FARM.”

-Steve Wilkens, Golden Harvest Agronomy Lead



Seeding Rate Online Tool



Agronomy Book Experts

# SOYBEANS

Extensive testing leads to proven performance in our soybean varieties. We get new traits into high-performing soybean germplasm as quickly as possible, so that varieties can move to field trials in record time. It's how we brought Enlist E3 soybeans to market faster than almost anyone else in the industry and have accelerated our process to deliver new varieties three years faster than the typical six- to seven-year timeline, without sacrificing product performance. We specialize in speed, precision and testing, ensuring farmers get the performance they expect.

Golden Harvest  
Delivers  
High-Performing  
Soybeans



## Golden Harvest Gold Series™

Gold Series soybeans from Golden Harvest are specifically bred and selected for our soybean portfolio. We've taken the time to perfect our germplasm then combine it with in-demand Enlist E3 soybeans and XtendFlex® traits to bring products that give farmers the confidence in lasting performance. By combining our R&D innovation with new traits into our high-performing germplasm, we deliver a Gold Series portfolio of soybean solutions that put our farmers' yield potential first.

**\*NEW\***



## Your choice of industry-leading traits for superior weed control



- > Elite genetics with strong yield potential and agronomics
- > The Enlist E3 soybean trait allows farmers to use Enlist® herbicides with confidence and better on-target results than traditional 2,4-D products



- > The next generation of elite Golden Harvest soybean genetics
- > Provides tolerance to dicamba, glyphosate and glufosinate to help manage tough weeds and protect yield potential

“ ENLIST E3 SOYBEAN WEED MANAGEMENT IS SECOND TO NONE. AT THE END OF THE DAY, IT IS A GREAT PROGRAM AND IT WORKS. IT FLAT-OUT KILLS WEEDS. ”

-Mark Donnell, Golden Harvest Soybean Farmer, Mattoon, IL



- > Broad portfolio of elite Golden Harvest soybean genetics combined with advanced trait technology that offers tolerance to both dicamba and glyphosate herbicides



- > Strong yield potential and agronomics
- > In-season glyphosate and glufosinate applications

# SOYBEAN SEED TREATMENTS

## Helping Crops Reach Full Potential

Your Seed Advisor is extremely knowledgeable on the entire Syngenta crop protection portfolio and can recommend the right products for your conditions. From herbicides and fungicides to insecticides and seed treatments, these products are designed to increase plant health and improve crop yield potential and performance in both corn and soybeans.

**+4<sup>BU/A</sup>**  
**Yield Improvement**



**Improved Disease Control**



## Golden Harvest Preferred Seed Treatments

- > Delivers customized soybean seed protection with improved disease control and handling properties
- > Contains an enhanced rate of Apron XL® fungicide seed treatment for superior protection of seed- and soilborne diseases such as Pythium and early-season Phytophthora
- > With unique polymers that bind active ingredients to the seed coat, the seed treatment decreases dust-off and improves seed flow through treating and planting equipment
- > Powered by CruiserMaxx® Vibrance® seed treatment with an option to add Salstro® fungicide seed treatment, the leading protection against Sudden Death Syndrome (SDS) and Soybean Cyst Nematode (SCN)

## Powered by CruiserMaxx® Vibrance®

- > Delivers early season, broad-spectrum insect and disease control from day one
- > Delivers faster speed to canopy and more robust, vigorous plants for improved overall performance through the Cruiser® Vigor Effect
- > Optimizes root health, nutrient uptake, water usage and stress tolerance for better emergence through the unique Rooting Power of Vibrance fungicide seed treatment

## Enhanced with Salstro®

- > +4 bushels per acre (bu/A) yield improvement over ILEVO® under SDS pressure
- > Higher intrinsic activity than older technology to protect against the cause of SDS
- > Robust activity against Soybean Cyst, Root Knot, Reniform, Lesion and Lance Nematodes
- > Superior protection from SDS without signs of plant stress, including phytotoxicity, stunting, reduced plant stands, susceptibility to pests or weather and reduced plant growth above- and below-ground



Why Salstro

# SOYBEAN CHARACTERISTICS

| PRODUCT                       |                           |                        | AGRONOMIC/PLANT CHARACTERISTICS* |                   |              |              |           |            |          |              |                  |           |             |                      |                   |               | Adaptation to Soil Types/<br>Yield Environments |                   | Herbicide Responses |                |               |            |
|-------------------------------|---------------------------|------------------------|----------------------------------|-------------------|--------------|--------------|-----------|------------|----------|--------------|------------------|-----------|-------------|----------------------|-------------------|---------------|---|-------------------|---------------------|----------------|---------------|------------|
| Golden Harvest Soybean Brands | Herbicide Tolerant Traits | Relative Maturity (RM) | Emergence                        | Canopy/Plant Type | Plant Height | Growth Habit | Stability | Narrow Row | Wide Row | Flower Color | Pubescence Color | Pod Color | Hilum Color | Chloride Sensitivity | Green Stem Rating | Drought Prone | High pH   | Highly Productive | Variable            | Poorly Drained | Sulfentrazone | Metribuzin |
|                               |                           |                        |                                  |                   |              |              |           |            |          |              |                  |           |             |                      |                   | B             | G   | F                 | G                   | B              | B             | B          |
| GH00629X                      | RR2X                      | 0.06                   | 3                                | M                 | MS           | IND          | 2         | 1          | 2        | PUR          | LTW              | BR        | BR          | INC                  | 1                 | F             | F   | B                 | G                   | G              | B             | B          |
| GH00833E3                     | E3                        | 0.08                   | 3                                | MT                | M            | IND          | 4         | 1          | 2        | PUR          | GR               | BR        | BF          | -                    | -                 | B             | G   | B                 | B                   | G              | B             | G          |
| GH00982XF NEW                 | XF                        | 0.09                   | 3                                | M                 | M            | IND          | 2         | 1          | 2        | PUR          | LTW              | TN        | BL          | INC                  | 1                 | G             | G   | B                 | B                   | G              | G             | G          |
| GH0145X                       | RR2X                      | 0.1                    | 3                                | M                 | MT           | IND          | 3         | 1          | 2        | PUR          | LTW              | TN        | BL          | INC                  | 2                 | G             | G   | B                 | G                   | G              | B             | B          |
| GH0294E3                      | E3                        | 0.2                    | 3                                | M                 | M            | IND          | 3         | 1          | 2        | PUR          | GR               | TN        | BF          | -                    | -                 | G             | G   | F                 | B                   | G              | G             | B          |
| GH0272XF NEW                  | XF                        | 0.2                    | 3                                | M                 | MT           | IND          | 2         | 1          | 2        | PUR          | LTW              | TN        | BL          | INC                  | 2                 | G             | G   | B                 | B                   | G              | B             | B          |
| GH0325E3                      | E3                        | 0.3                    | 3                                | M                 | M            | IND          | 4         | 2          | 2        | WH           | GR               | TN        | BF          | -                    | -                 | G             | G   | G                 | B                   | G              | F             | B          |
| GH0308X                       | RR2X                      | 0.3                    | 3                                | M                 | MS           | IND          | 2         | 1          | 2        | PUR          | LTW              | TN        | IMY         | INC                  | 2                 | F             | F   | G                 | G                   | G              | B             | B          |
| GH0452E3 NEW                  | E3                        | 0.4                    | 3                                | MB                | MS           | IND          | 4         | 2          | 2        | PUR          | GR               | BR        | YEL         | INC                  | -                 | B             | B   | P                 | G                   | G              | B             | G          |
| GH0443X                       | RR2X                      | 0.4                    | 3                                | M                 | MS           | IND          | 2         | 1          | 2        | PUR          | LTW              | TN        | BL          | EXC                  | 2                 | B             | B   | G                 | G                   | G              | B             | G          |
| GH0593E3                      | E3                        | 0.5                    | 3                                | M                 | M            | IND          | 4         | 2          | 1        | PUR          | GR               | TN        | BF          | -                    | -                 | F             | G   | F                 | G                   | G              | G             | G          |
| GH0502XF NEW                  | XF                        | 0.5                    | 3                                | M                 | M            | IND          | 3         | 2          | 1        | PUR          | LTW              | TN        | IMY         | INC                  | 1                 | B             | F   | F                 | G                   | B              | B             | F          |
| GH0543X                       | RR2X                      | 0.5                    | 2                                | M                 | MS           | IND          | 2         | 1          | 3        | PUR          | LTW              | TN        | BR          | INC                  | 2                 | G             | F   | B                 | G                   | G              | B             | B          |
| GH0715E3                      | E3                        | 0.7                    | 3                                | M                 | MS           | IND          | 4         | 2          | 1        | PUR          | GR               | BR        | BF          | -                    | -                 | B             | G   | B                 | G                   | G              | B             | B          |
| GH0749X                       | RR2X                      | 0.7                    | 3                                | M                 | M            | IND          | 2         | 2          | 2        | PUR          | LTW              | TN        | BL          | INC                  | 2                 | F             | G   | B                 | G                   | B              | B             | B          |
| GH0842E3 NEW                  | E3                        | 0.8                    | 2                                | M                 | M            | IND          | 2         | 1          | 2        | PUR          | GR               | TN        | BF          | EXC                  | -                 | -             | -   | -                 | -                   | -              | -             | -          |
| GH0822XF NEW                  | XF                        | 0.8                    | 3                                | MB                | MT           | IND          | 3         | 2          | 1        | PUR          | LTW              | TN        | BR          | INC                  | 3                 | B             | G   | F                 | G                   | B              | B             | G          |
| GH0936X                       | RR2X                      | 0.9                    | 3                                | M                 | MS           | IND          | 4         | 1          | 2        | PUR          | LTW              | TN        | BR          | INC                  | 2                 | G             | G   | G                 | G                   | G              | B             | B          |
| GH1012E3                      | E3                        | 1.0                    | 2                                | MB                | M            | IND          | 2         | 2          | 1        | PUR          | GR               | BR        | GR          | EXC                  | 3                 | F             | F   | F                 | B                   | F              | B             | F          |
| GH1032XF NEW                  | XF                        | 1.0                    | 3                                | M                 | M            | IND          | 3         | 2          | 1        | PUR          | LTW              | TN        | IMY         | INC                  | 2                 | B             | G   | F                 | G                   | G              | B             | G          |
| S12-R3                        | RR2Y                      | 1.2                    | 3                                | M                 | M            | IND          | 2         | 3          | 2        | PUR          | LTW              | TN        | BL          | EXC                  | 3                 | G             | B   | B                 | G                   | G              | B             | B          |
| GH1362E3                      | E3                        | 1.3                    | 3                                | MB                | M            | IND          | 3         | 2          | 1        | PUR          | GR               | TN        | IMB         | INC                  | -                 | G             | G   | B                 | G                   | G              | B             | B          |
| GH1317X                       | RR2X                      | 1.3                    | 3                                | M                 | M            | IND          | 2         | 1          | 2        | PUR          | LTW              | BR        | BL          | INC                  | 3                 | G             | F   | B                 | G                   | B              | G             | G          |
| GH1472E3 NEW                  | E3                        | 1.4                    | 3                                | M                 | MS           | IND          | 3         | 1          | 2        | PUR          | GR               | TN        | BF          | EXC                  | 1                 | G             | F   | B                 | B                   | B              | B             | B          |
| GH1442XF NEW                  | XF                        | 1.4                    | 3                                | M                 | MT           | IND          | 2         | 1          | 2        | PUR          | LTW              | BR        | BR          | INC                  | 2                 | G             | G   | B                 | B                   | G              | G             | B          |
| GH1414X                       | RR2X                      | 1.4                    | 3                                | MT                | MT           | IND          | 2         | 1          | 2        | PUR          | LTW              | BR        | BR          | INC                  | 2                 | G             | G   | B                 | G                   | G              | B             | B          |
| GH1627LG                      | LL/GT27                   | 1.6                    | 3                                | M                 | M            | IND          | 2         | 1          | 2        | PUR          | LTW              | TN        | BL          | INC                  | -                 | G             | F   | G                 | G                   | G              | B             | B          |
| GH1763E3                      | E3                        | 1.7                    | 3                                | M                 | M            | IND          | 2         | 2          | 1        | WH           | LTW              | TN        | BL          | INC                  | -                 | G             | F   | G                 | G                   | G              | B             | B          |
| GH1762XF NEW                  | XF                        | 1.7                    | 4                                | M                 | MT           | IND          | 2         | 1          | 2        | PUR          | LTW              | BR        | BR          | INC                  | 2                 | G             | G   | B                 | B                   | G              | G             | G          |
| GH1802E3 NEW                  | E3                        | 1.8                    | 3                                | M                 | M            | IND          | 3         | 1          | 1        | PUR          | GR               | BR        | IMB         | INC                  | 2                 | B             | F   | G                 | B                   | G              | B             | G          |
| GH1922E3 NEW                  | E3                        | 1.9                    | 2                                | M                 | MT           | IND          | 3         | 1          | 1        | PUR          | LTW              | BR        | BL          | -                    | -                 | -             | -   | -                 | -                   | -              | -             | -          |

\*NOTE: A few product descriptions and ratings are sourced from the variety's generic supplier and may change as additional data is gathered.

### Herbicide Tolerant Traits

E3 = ENLIST E3\*  
 E3/STS = ENLIST E3\* and STS\*  
 LL/GT27 = LibertyLink\* and GT27\*\*  
 LL/GT27/STS = LibertyLink\*, GT27\*\* and STS\*  
 RR2X = Roundup Ready 2 Xtend\*  
 RR2X/STS = Roundup Ready 2 Xtend\* and STS\*  
 XF = XtendFlex\*  
 XF/STS = XtendFlex\* and STS\*  
 RR2Y = Roundup Ready 2 Yield\*

### Canopy/Plant Type

T = Thin  
 MT = Medium-Thin  
 M = Medium  
 MB = Medium-Bush  
 B = Bush  
**Plant Height**  
 S = Short  
 MS = Medium-Short  
 M = Medium  
 MT = Medium-Tall  
 T = Tall

### Growth Habit

IND = Indeterminate  
 DET = Determinate  
**Protein and Oil**  
 Ratings are based on two-year averages, except in cases where only one year of data is available.

### Color Abbreviations

BF = Buff  
 BL = Black  
 BR = Brown  
 GR = Gray  
 IMB = Imperfect Black  
 IMY = Imperfect Yellow  
 LTW = Light Tawny  
 PUR = Purple  
 TN = Tan  
 TW = Tawny  
 WH = White  
 YEL = Yellow

### Chloride Sensitivity

INC = Includer  
 EXC = Excluder

### Adaptation to Soil Types/ Yield Environments

B = Best  
 G = Good  
 F = Fair  
 P = Poor  
 - = Not Available

| GRAIN QUALITY*      |                 | DISEASE/PEST*         |                 |                       |                  |                      |                              |                                 |                      |                          |                         | PRODUCT |                             |                          |
|---------------------|-----------------|-----------------------|-----------------|-----------------------|------------------|----------------------|------------------------------|---------------------------------|----------------------|--------------------------|-------------------------|---------|-----------------------------|--------------------------|
| % Protein @13% mst. | % Oil @13% mst. | Phytophthora Root Rot |                 | Soybean Cyst Nematode |                  | Southern Stem Canker | Root Knot Nematode-Incognita | Iron Deficiency Chlorosis (IDC) | Brown Stem Rot (BSR) | Soybean White Mold (SWM) | Pod & Stem Blight (PSB) |         | Sudden Death Syndrome (SDS) | Frogeye Leaf Spot (FELS) |
|                     |                 | Gene Resistance       | Field Tolerance | Gene Source           | Race Resistances |                      |                              |                                 |                      |                          |                         |         |                             |                          |
| 34.6                | 19.1            | Rps1c                 | 3               | S                     | S                | -                    | -                            | 4                               | 3                    | 3                        | 6                       | -       | -                           | GH00629X                 |
| 33.7                | 18.8            | Rps1a                 | 4               | PI88788               | MR3              | -                    | -                            | 3                               | 2                    | 6                        | 4                       | -       | -                           | GH00833E3                |
| 34.4                | 18.4            | Rps1c                 | 3               | PI88788               | MR3              | 1                    | -                            | 3                               | 3                    | 3                        | 3                       | 2       | -                           | GH00982XF NEW            |
| 34.7                | 18.0            | Rps1c                 | 2               | S                     | S                | 1                    | -                            | 3                               | 3                    | 3                        | 5                       | 2       | -                           | GH0145X                  |
| 34.7                | 17.9            | Rps3a                 | 3               | S                     | S                | -                    | -                            | 3                               | 4                    | 4                        | 6                       | -       | -                           | GH0294E3                 |
| 34.9                | 18.3            | Rps1c                 | 3               | PI88788               | MR3              | 1                    | -                            | 3                               | 3                    | 3                        | 5                       | 2       | -                           | GH0272XF NEW             |
| 33.9                | 18.2            | S                     | 4               | PI88788               | MR3              | -                    | -                            | 3                               | 5                    | 5                        | 6                       | -       | -                           | GH0325E3                 |
| 34.7                | 18.1            | Rps1c, Rps3a          | 4               | S                     | S                | -                    | -                            | 4                               | 3                    | 3                        | 4                       | -       | -                           | GH0308X                  |
| 38.1                | 17.1            | Rps1c, Rps3a          | 3               | S                     | S                | -                    | -                            | 2                               | 3                    | 4                        | 5                       | -       | -                           | GH0452E3 NEW             |
| 35.5                | 18.4            | Rps1c                 | 4               | PI88788               | MR3              | 1                    | -                            | 2                               | 3                    | 2                        | 4                       | 2       | -                           | GH0443X                  |
| 33.9                | 18.5            | Rps3a                 | 3               | PI88788               | MR3, MR14        | -                    | -                            | 3                               | 3                    | 7                        | -                       | -       | -                           | GH0593E3                 |
| 35.3                | 17.4            | Rps1c                 | 3               | PI88788               | MR3              | 1                    | -                            | 4                               | 5                    | 4                        | 5                       | 4       | -                           | GH0502XF NEW             |
| 33.7                | 18.6            | Rps1c, Rps3a          | 3               | S                     | S                | -                    | -                            | 4                               | 3                    | 3                        | 2                       | -       | -                           | GH0543X                  |
| 34.2                | 18.8            | Rps3a                 | 3               | PI88788               | MR3              | -                    | -                            | 3                               | 3                    | 5                        | 3                       | -       | -                           | GH0715E3                 |
| 36.1                | 18.1            | Rps1c                 | 3               | PI88788               | MR3              | 1                    | -                            | 3                               | 5                    | 3                        | 3                       | 4       | -                           | GH0749X                  |
| -                   | -               | S                     | 4               | PI88788               | R3, MR14         | -                    | -                            | 3                               | -                    | 3                        | -                       | -       | -                           | GH0842E3 NEW             |
| 34.5                | 17.2            | Rps1c                 | 3               | PI88788               | R3               | 1                    | -                            | 3                               | 4                    | 4                        | 5                       | 3       | -                           | GH0822XF NEW             |
| 33.9                | 19.1            | Rps1k, Rps3a          | 3               | S                     | S                | -                    | -                            | 3                               | 3                    | 4                        | 4                       | 3       | -                           | GH0936X                  |
| 36.3                | 17.4            | S                     | 4               | PI88788               | R3, MR14         | -                    | -                            | 4                               | 4                    | 4                        | 3                       | 2       | -                           | GH1012E3                 |
| 35.4                | 17.5            | Rps1c                 | 3               | PI88788               | R3               | 1                    | -                            | 3                               | 5                    | 4                        | 3                       | 3       | 2                           | GH1032XF NEW             |
| 36.1                | 18.3            | S                     | 4               | PI88788               | R3, MR14         | -                    | -                            | 2                               | 2                    | 2                        | 4                       | 3       | -                           | S12-R3                   |
| 35.2                | 17.9            | Rps1c                 | 4               | PI88788               | MR3, MR14        | -                    | -                            | 3                               | 3                    | 5                        | 4                       | 4       | -                           | GH1362E3                 |
| 34.0                | 19.4            | Rps1c, Rps3a          | 2               | S                     | S                | -                    | -                            | 4                               | 5                    | 3                        | 4                       | 6       | -                           | GH1317X                  |
| 34.4                | 18.2            | Rps1c, Rps3a          | 3               | Peking                | MR1, R3, MR5     | 1                    | -                            | 4                               | 3                    | 4                        | 5                       | 4       | -                           | GH1472E3 NEW             |
| 34.7                | 18.1            | Rps1c                 | 2               | PI88788               | MR3              | 1                    | -                            | 3                               | 2                    | 3                        | 4                       | 2       | -                           | GH1442XF NEW             |
| 34.9                | 18.6            | Rps1c                 | 2               | PI88788               | MR3, MR14        | 1                    | -                            | 3                               | 3                    | 3                        | 2                       | 3       | -                           | GH1414X                  |
| 33.3                | 19.4            | S                     | 3               | PI88788               | MR3              | -                    | -                            | 4                               | -                    | 3                        | 3                       | 4       | 5                           | GH1627LG                 |
| 34.8                | 18.8            | S                     | 4               | PI88788               | MR3              | -                    | -                            | 4                               | 3                    | 3                        | 5                       | 2       | 5                           | GH1763E3                 |
| 34.6                | 18.7            | Rps1c                 | 4               | PI88788               | MR3              | 1                    | -                            | 3                               | 2                    | 3                        | 4                       | 3       | -                           | GH1762XF NEW             |
| 34.7                | 18.4            | Rps1c                 | 4               | PI88788               | R3               | 1                    | -                            | 4                               | 3                    | 2                        | 4                       | 4       | -                           | GH1802E3 NEW             |
| -                   | -               | Rps1k                 | 3               | PI88788               | R3, MR14         | 1                    | -                            | 3                               | -                    | 4                        | -                       | 2       | -                           | GH1922E3 NEW             |

### Resistance Rating System

Indicates when a variety is resistant to a specific disease or pest. For Soybean Cyst Nematode (SCN), the gene(s) conveying the resistance, race(s) the variety is resistant against, and degree of resistance are specified, when available. For Phytophthora, the gene(s) conveying the resistance and general field tolerance rating are listed.

### Soybean Cyst Nematode (SCN)

The PI88788, PI89772, and Peking genes confer varying resistances to certain races of SCN. Refer to the "Race Resistances" column for phenotypic (expressed) resistance ratings.  
 1, 3, 5, and/or 14 = SCN race(s) for which resistance is conferred  
 R = Resistant  
 MR = Moderately Resistant  
 S = Susceptible (no gene-specific resistance)  
 - = Not Available

### Phytophthora Gene Resistance

The following genes confer resistance to the listed races of Phytophthora:  
 Rps1a = Resistant to races 1, 2, 10, 11, 13-18, 24, 26, 27, 31, 32, 36, 38  
 Rps1c = Resistant to races 1-3, 6-11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 38, 44  
 Rps1k = Resistant to races 1-11, 13-15, 17, 18, 21-24, 26, 36-38, 44  
 Rps3a = Resistant to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 28, 29, 31-35, 39, 44, 45  
 S = Susceptible (no gene-specific tolerance)

### Phytophthora Field Tolerance

Usually not as complete as race-specific resistance, but it offers general protection. Resistance is not expressed in early stages of plant development. Numerical rating scale of 1-9; 1 = Best.

### Disease/Pest Ratings

1 = Best  
 9 = Worst  
 - = Not Available



# SOYBEAN CHARACTERISTICS

| PRODUCT       | AGRONOMIC/PLANT CHARACTERISTICS* |                           |                        |           |                   |              |              |           |            |          |              |                  |           |             |                      | Adaptation to Soil Types/<br>Yield Environments |               |         |                   |          |                | Herbicide Responses |            |
|---------------|----------------------------------|---------------------------|------------------------|-----------|-------------------|--------------|--------------|-----------|------------|----------|--------------|------------------|-----------|-------------|----------------------|---|---------------|---------|-------------------|----------|----------------|---------------------|------------|
|               | Golden Harvest Soybean Brands    | Herbicide Tolerant Traits | Relative Maturity (RM) | Emergence | Canopy/Plant Type | Plant Height | Growth Habit | Stability | Narrow Row | Wide Row | Flower Color | Pubescence Color | Pod Color | Hilum Color | Chloride Sensitivity | Green Stem Rating                               | Drought Prone | High pH | Highly Productive | Variable | Poorly Drained | Sulfentrazone       | Metribuzin |
|               |                                  |                           |                        |           |                   |              |              |           |            |          |              |                  |           |             |                      |   | B             | G       | F                 | G        | G              | B                   | B          |
| GH1944E3      | E3                               | 1.9                       | 3                      | MT        | M                 | IND          | 2            | 2         | 2          | PUR      | GR           | TN               | IMB       | EXC         | -                    | F   | G             | F       | G                 | G        | B              | B                   |            |
| GH1932XF NEW  | XF                               | 1.9                       | 2                      | M         | M                 | IND          | 3            | 2         | 1          | PUR      | LTW          | BR               | GR        | INC         | 2                    | G   | G             | G       | B                 | G        | B              | B                   |            |
| GH1915X       | RR2X                             | 1.9                       | 3                      | M         | MS                | IND          | 2            | 1         | 2          | WH       | LTW          | BR               | BL        | -           | 4                    | F   | F             | B       | G                 | G        | B              | G                   |            |
| GH2011E3      | E3                               | 2.0                       | 3                      | M         | M                 | IND          | 2            | 1         | 1          | PUR      | GR           | BR               | BF        | INC         | 2                    | G   | F             | G       | B                 | G        | G              | B                   |            |
| GH2041X       | RR2X                             | 2.0                       | 3                      | M         | M                 | IND          | 2            | 1         | 2          | WH       | LTW          | BR               | BL        | INC         | 3                    | G   | G             | B       | B                 | F        | B              | B                   |            |
| GH2027LG      | LL/GT27                          | 2.0                       | 3                      | M         | MT                | IND          | 2            | 2         | 2          | WH       | LTW          | BR               | BR        | INC         | 2                    | G   | F             | G       | B                 | G        | B              | B                   |            |
| GH2102XF NEW  | XF                               | 2.1                       | 3                      | M         | M                 | IND          | 4            | 3         | 1          | WH       | LTW          | BR               | BL        | INC         | 2                    | B   | G             | G       | G                 | B        | B              | G                   |            |
| GH2292E3 NEW  | E3                               | 2.2                       | 3                      | M         | M                 | IND          | 3            | 1         | 1          | PUR      | GR           | BR               | IMB       | INC         | 3                    | G   | F             | B       | B                 | B        | B              | B                   |            |
| GH2329X       | RR2X                             | 2.3                       | 3                      | MB        | M                 | IND          | 3            | 3         | 1          | WH       | LTW          | BR               | BL        | INC         | 3                    | G   | F             | G       | G                 | B        | B              | B                   |            |
| GH2442E3 NEW  | E3                               | 2.4                       | 2                      | MT        | M                 | IND          | 2            | 2         | 2          | WH       | GR           | TN               | BF        | INC         | 2                    | F   | P             | F       | G                 | G        | B              | B                   |            |
| GH2427LG      | LL/GT27                          | 2.4                       | 2                      | MB        | M                 | IND          | 3            | 3         | 1          | PUR      | LTW          | BR               | BL        | INC         | 3                    | B   | G             | B       | B                 | G        | B              | B                   |            |
| GH2505E3      | E3                               | 2.5                       | 3                      | M         | MT                | IND          | 4            | 3         | 1          | PUR      | GR           | BR               | IMB       | -           | 3                    | G   | G             | G       | B                 | G        | B              | G                   |            |
| GH2562XF NEW  | XF                               | 2.5                       | 3                      | M         | MT                | IND          | 4            | 3         | 1          | WH       | LTW          | BR               | BL        | INC         | 3                    | G   | P             | G       | G                 | B        | B              | B                   |            |
| GH2610E3      | E3                               | 2.6                       | 2                      | M         | M                 | IND          | 2            | 1         | 2          | PUR      | GR           | TN               | BF        | INC         | 2                    | F   | G             | B       | G                 | G        | G              | B                   |            |
| GH2722XF NEW  | XF                               | 2.7                       | 3                      | M         | MT                | IND          | 3            | 2         | 1          | PUR      | LTW          | BR               | BL        | INC         | 3                    | G   | P             | G       | B                 | G        | G              | G                   |            |
| GH2788X       | RR2X                             | 2.7                       | 3                      | M         | MS                | IND          | 2            | 1         | 1          | PUR      | GR           | BR               | IMB       | INC         | 3                    | G   | P             | B       | G                 | B        | F              | F                   |            |
| GH2727LG      | LL/GT27                          | 2.7                       | 2                      | MB        | M                 | IND          | 3            | 2         | 1          | PUR      | LTW          | TN               | BR        | INC         | 2                    | B   | F             | B       | B                 | B        | G              | G                   |            |
| GH2818E3      | E3                               | 2.8                       | 2                      | M         | M                 | IND          | 3            | 1         | 1          | WH       | GR           | TN               | BF        | INC         | 2                    | B   | F             | B       | B                 | G        | G              | B                   |            |
| GH2872XF NEW  | XF                               | 2.8                       | 3                      | MB        | MT                | IND          | 3            | 2         | 1          | PUR      | LTW          | TN               | BL        | INC         | 1                    | G   | F             | B       | B                 | G        | F              | B                   |            |
| GH2922E3 NEW  | E3                               | 2.9                       | 3                      | MB        | M                 | IND          | 2            | 1         | 1          | WH       | GR           | TN               | BF        | INC         | 3                    | B   | G             | B       | G                 | B        | G              | B                   |            |
| GH3088X       | RR2X                             | 3.0                       | 2                      | MB        | M                 | IND          | 3            | 1         | 1          | PUR      | LTW          | BR               | BL        | INC         | 3                    | G   | G             | B       | G                 | B        | B              | B                   |            |
| GH3132E3 NEW  | E3                               | 3.1                       | 2                      | MB        | M                 | IND          | 3            | 2         | 1          | WH       | GR           | TN               | BF        | INC         | 2                    | B   | G             | B       | G                 | B        | B              | B                   |            |
| GH3192XF NEW  | XF                               | 3.1                       | 3                      | MT        | T                 | IND          | 4            | 2         | 2          | PUR      | LTW          | TN               | BL        | INC         | 3                    | G   | F             | B       | G                 | G        | B              | B                   |            |
| GH3195X       | RR2X                             | 3.1                       | 3                      | M         | M                 | IND          | 3            | 1         | 2          | WH       | LTW          | BR               | BL        | INC         | 4                    | G   | G             | G       | G                 | B        | F              | F                   |            |
| GH3380E3      | E3                               | 3.3                       | 3                      | M         | M                 | IND          | 3            | 2         | 1          | PUR      | LTW          | BR               | BR        | -           | 2                    | F   | G             | G       | G                 | G        | B              | G                   |            |
| GH3392E3 NEW  | E3                               | 3.3                       | 2                      | M         | MT                | IND          | 3            | 1         | 1          | PUR      | LTW          | BR               | BL        | -           | -                    | -   | -             | -       | -                 | -        | -              | -                   |            |
| GH3442XF NEW  | XF                               | 3.4                       | 4                      | MB        | M                 | IND          | 3            | 2         | 1          | PUR      | LTW          | BR               | BL        | INC         | 3                    | B   | G             | B       | B                 | B        | B              | G                   |            |
| GH3427LG      | LL/GT27                          | 3.4                       | 3                      | M         | M                 | IND          | 2            | 2         | 2          | PUR      | LTW          | TN               | BL        | INC         | 2                    | G   | G             | G       | G                 | G        | B              | B                   |            |
| GH3512E3S NEW | E3/STS                           | 3.5                       | 2                      | MB        | MT                | IND          | 4            | 3         | 1          | PUR      | GR           | TN               | IMB       | INC         | 3                    | B   | F             | B       | B                 | G        | B              | G                   |            |
| GH3582E3      | E3                               | 3.5                       | 2                      | M         | M                 | IND          | 2            | 1         | 1          | PUR      | GR           | TN               | IMB       | INC         | 2                    | B   | P             | B       | G                 | G        | B              | B                   |            |
| GH3546X       | RR2X                             | 3.5                       | 2                      | M         | MT                | IND          | 3            | 1         | 1          | PUR      | LTW          | BR               | BL        | INC         | 2                    | G   | G             | B       | B                 | B        | B              | B                   |            |

\*NOTE: A few product descriptions and ratings are sourced from the variety's generic supplier and may change as additional data is gathered.

### Herbicide Tolerant Traits

E3 = ENLIST E3\*  
E3/STS = ENLIST E3\* and STS\*  
LL/GT27 = LibertyLink\* and GT27\*\*  
LL/GT27/STS = LibertyLink\*, GT27\*\* and STS\*  
RR2X = Roundup Ready 2 Xtend\*  
RR2X/STS = Roundup Ready 2 Xtend\* and STS\*  
XF = XtendFlex\*  
XF/STS = XtendFlex\* and STS\*  
RR2Y = Roundup Ready 2 Yield\*

### Canopy/Plant Type

T = Thin  
MT = Medium-Thin  
M = Medium  
MB = Medium-Bush  
B = Bush  
**Plant Height**  
S = Short  
MS = Medium-Short  
M = Medium  
MT = Medium-Tall  
T = Tall

### Growth Habit

IND = Indeterminate  
DET = Determinate  
**Protein and Oil**  
Ratings are based on two-year averages, except in cases where only one year of data is available.

### Color Abbreviations

BF = Buff  
BL = Black  
BR = Brown  
GR = Gray  
IMB = Imperfect Black  
IMY = Imperfect Yellow  
LTW = Light Tawny  
PUR = Purple  
TN = Tan  
TW = Tawny  
WH = White  
YEL = Yellow

### Chloride Sensitivity

INC = Includer  
EXC = Excluder

### Adaptation to Soil Types/ Yield Environments

B = Best  
G = Good  
F = Fair  
P = Poor  
- = Not Available

| GRAIN QUALITY*      |                 | DISEASE/PEST*         |                 |                       |                  |                      |                              |                                 |                      |                          |                         |                             |                          | PRODUCT       |
|---------------------|-----------------|-----------------------|-----------------|-----------------------|------------------|----------------------|------------------------------|---------------------------------|----------------------|--------------------------|-------------------------|-----------------------------|--------------------------|---------------|
| % Protein @13% mst. | % Oil @13% mst. | Phytophthora Root Rot |                 | Soybean Cyst Nematode |                  | Southern Stem Canker | Root Knot Nematode-Incognita | Iron Deficiency Chlorosis (IDC) | Brown Stem Rot (BSR) | Soybean White Mold (SWM) | Pod & Stem Blight (PSB) | Sudden Death Syndrome (SDS) | Frogeye Leaf Spot (FELS) |               |
|                     |                 | Gene Resistance       | Field Tolerance | Gene Source           | Race Resistances |                      |                              |                                 |                      |                          |                         |                             |                          |               |
| 33.7                | 19.9            | Rps1c                 | 3               | PI88788               | MR3, MR14        | -                    | -                            | 3                               | 3                    | 3                        | 3                       | 5                           | 5                        | GH1944E3      |
| 36.2                | 17.5            | Rps1c, Rps3a          | 2               | PI88788               | MR3              | 1                    | -                            | 3                               | 3                    | -                        | 5                       | 3                           | 4                        | GH1932XF NEW  |
| 34.4                | 19.7            | Rps1c                 | 4               | PI88788               | R3, MR14         | -                    | -                            | 4                               | 5                    | 3                        | 5                       | 3                           | 5                        | GH1915X       |
| 35.5                | 18.5            | Rps1c, Rps3a          | 2               | PI88788               | MR3              | 1                    | -                            | 4                               | 3                    | 4                        | -                       | 2                           | 4                        | GH2011E3      |
| 35.2                | 18.9            | Rps1c                 | 4               | PI88788               | R3, MR14         | 1                    | -                            | 3                               | 5                    | 3                        | 3                       | 2                           | 5                        | GH2041X       |
| -                   | -               | S                     | 4               | PI88788               | MR3, MR14        | -                    | -                            | 4                               | -                    | 3                        | -                       | 2                           | 5                        | GH2027LG      |
| 33.6                | 18.8            | Rps1c                 | 3               | PI88788               | MR3              | 1                    | -                            | 3                               | 5                    | -                        | 4                       | 3                           | 3                        | GH2102XF NEW  |
| 33.9                | 18.4            | Rps1c                 | 3               | PI88788               | MR3              | 1                    | -                            | 4                               | 3                    | 4                        | -                       | 3                           | -                        | GH2292E3 NEW  |
| 34.9                | 19.2            | Rps1c                 | 3               | PI89772               | MR1, MR3         | 1                    | -                            | 4                               | 3                    | 4                        | 4                       | 2                           | 4                        | GH2329X       |
| 34.5                | 18.9            | Rps1c, Rps3a          | 4               | PI88788               | R3, MR14         | 1                    | -                            | 5                               | 3                    | 3                        | -                       | 3                           | -                        | GH2442E3 NEW  |
| 36.1                | 19.7            | S                     | 4               | PI88788               | MR3              | -                    | -                            | 3                               | -                    | 4                        | -                       | 3                           | 6                        | GH2427LG      |
| 32.5                | 20.6            | S                     | 4               | PI88788               | MR3              | 1                    | -                            | 3                               | 3                    | 5                        | -                       | 5                           | -                        | GH2505E3      |
| 32.8                | 19.4            | Rps1c                 | 3               | PI88788               | R3               | 1                    | -                            | 5                               | 2                    | -                        | 3                       | 3                           | 4                        | GH2562XF NEW  |
| 32.4                | 20.5            | Rps1k                 | 4               | Peking                | -                | -                    | -                            | 3                               | 4                    | 4                        | -                       | 3                           | 4                        | GH2610E3      |
| 33.8                | 19.6            | Rps1c                 | 3               | PI88788               | MR3              | 1                    | -                            | 5                               | 3                    | -                        | 3                       | 3                           | 5                        | GH2722XF NEW  |
| 34.8                | 19.5            | Rps1c                 | 4               | PI88788               | R3, MR14         | 1                    | -                            | 5                               | 3                    | 4                        | 3                       | 2                           | 5                        | GH2788X       |
| 36.0                | 20.2            | S                     | 3               | PI88788               | MR3              | -                    | -                            | 4                               | -                    | 4                        | -                       | 4                           | 3                        | GH2727LG      |
| 34.2                | 20.0            | Rps1k                 | 4               | PI88788               | MR3              | 1                    | -                            | 4                               | 3                    | 3                        | -                       | 3                           | 3                        | GH2818E3      |
| 31.8                | 19.5            | S                     | 4               | PI88788               | R3               | 1                    | -                            | 4                               | 2                    | -                        | 5                       | 3                           | 6                        | GH2872XF NEW  |
| 34.4                | 18.2            | Rps1k, Rps3a          | 3               | PI88788               | R3               | 1                    | -                            | 3                               | 3                    | 4                        | -                       | 2                           | -                        | GH2922E3 NEW  |
| 33.9                | 19.8            | Rps1c                 | 4               | PI88788               | R3, MR14         | 1                    | -                            | 3                               | 3                    | 4                        | 2                       | 2                           | 2                        | GH3088X       |
| 34.3                | 18.5            | Rps1k, Rps3a          | 3               | PI88788               | R3               | 1                    | -                            | 3                               | 3                    | 4                        | -                       | 3                           | -                        | GH3132E3 NEW  |
| 32.8                | 19.6            | Rps1k                 | 4               | PI88788               | MR3              | 1                    | -                            | 4                               | 3                    | -                        | 4                       | 3                           | 2                        | GH3192XF NEW  |
| 35.2                | 19.1            | Rps1c                 | 4               | PI88788               | R3, MR14         | -                    | -                            | 3                               | 5                    | 3                        | 2                       | 3                           | 4                        | GH3195X       |
| 33.3                | 19.4            | S                     | 4               | PI88788               | MR3              | 1                    | -                            | 3                               | 3                    | 5                        | -                       | 4                           | 4                        | GH3380E3      |
| -                   | -               | S                     | 4               | PI88788               | R3, MR14         | 1                    | -                            | 5                               | -                    | 4                        | -                       | 3                           | 4                        | GH3392E3 NEW  |
| 31.2                | 19.8            | Rps1c                 | 4               | PI88788               | MR3              | 1                    | -                            | 3                               | 3                    | -                        | 3                       | 3                           | 2                        | GH3442XF NEW  |
| 35.9                | 19.3            | S                     | 3               | PI88788               | MR3              | -                    | 7                            | 3                               | -                    | -                        | -                       | 3                           | 3                        | GH3427LG      |
| 32.1                | 19.8            | Rps1c                 | 4               | PI88788               | MR3              | 1                    | -                            | 4                               | 3                    | 5                        | -                       | 2                           | -                        | GH3512E3S NEW |
| 33.7                | 20.0            | S                     | 3               | PI88788               | R3, MR14         | 1                    | -                            | 5                               | 3                    | 3                        | -                       | 3                           | 5                        | GH3582E3      |
| 34.3                | 19.2            | S                     | 3               | PI88788               | R3               | -                    | 7                            | 3                               | 4                    | 4                        | -                       | 2                           | 2                        | GH3546X       |

### Resistance Rating System

Indicates when a variety is resistant to a specific disease or pest. For Soybean Cyst Nematode (SCN), the gene(s) conveying the resistance, race(s) the variety is resistant against, and degree of resistance are specified, when available. For Phytophthora, the gene(s) conveying the resistance and general field tolerance rating are listed.

### Soybean Cyst Nematode (SCN)

The PI88788, PI89772, and Peking genes confer varying resistances to certain races of SCN. Refer to the "Race Resistances" column for phenotypic (expressed) resistance ratings.  
1, 3, 5, and/or 14 = SCN race(s) for which resistance is conferred  
R = Resistant  
MR = Moderately Resistant  
S = Susceptible (no gene-specific resistance)  
- = Not Available

### Phytophthora Gene Resistance

The following genes confer resistance to the listed races of Phytophthora:  
Rps1a = Resistant to races 1, 2, 10, 11, 13-18, 24, 26, 27, 31, 32, 36, 38  
Rps1c = Resistant to races 1-3, 6-11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 38, 44  
Rps1k = Resistant to races 1-11, 13-15, 17, 18, 21-24, 26, 36-38, 44  
Rps3a = Resistant to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 28, 29, 31-35, 39, 44, 45  
S = Susceptible (no gene-specific tolerance)

### Phytophthora Field Tolerance

Usually not as complete as race-specific resistance, but it offers general protection. Resistance is not expressed in early stages of plant development. Numerical rating scale of 1-9; 1 = Best.

### Disease/Pest Ratings

1 = Best  
9 = Worst  
- = Not Available

# SOYBEAN CHARACTERISTICS

| PRODUCT                | AGRONOMIC/PLANT CHARACTERISTICS* |                           |                        |           |                   |              |              |           |            |          |              |                  |           |             |                      |                   | Adaptation to Soil Types/<br>Yield Environments |         | Herbicide Responses |          |                |               |            |
|------------------------|----------------------------------|---------------------------|------------------------|-----------|-------------------|--------------|--------------|-----------|------------|----------|--------------|------------------|-----------|-------------|----------------------|-------------------|---|---------|---------------------|----------|----------------|---------------|------------|
|                        | Golden Harvest Soybean Brands    | Herbicide Tolerant Traits | Relative Maturity (RM) | Emergence | Canopy/Plant Type | Plant Height | Growth Habit | Stability | Narrow Row | Wide Row | Flower Color | Pubescence Color | Pod Color | Hilum Color | Chloride Sensitivity | Green Stem Rating | Drought Prone                                   | High pH | Highly Productive   | Variable | Poorly Drained | Sulfentrazone | Metribuzin |
|                        |                                  |                           |                        |           |                   |              |              |           |            |          |              |                  |           |             |                      |                   | B   | G       | F                   | P        | B              | B             |            |
| GH3762E3S <b>NEW</b> ● | E3/STS                           | 3.7                       | 2                      | M         | T                 | IND          | 4            | 2         | 2          | WH       | GR           | TN               | BF        | EXC         | 3                    | G                 | G   | G       | G                   | B        | B              | B             |            |
| GH3732XF <b>NEW</b> ●  | XF                               | 3.7                       | 2                      | M         | MT                | IND          | 2            | 1         | 1          | PUR      | LTW          | BR               | BL        | INC         | 3                    | B                 | G   | B       | B                   | G        | B              | B             |            |
| GH3728X                | RR2X                             | 3.7                       | 2                      | M         | M                 | IND          | 2            | 1         | 1          | PUR      | GR           | BR               | BR        | INC         | 2                    | B                 | P   | G       | G                   | B        | F              | B             |            |
| GH3727LG               | LL/GT27                          | 3.7                       | 2                      | M         | M                 | IND          | 3            | 3         | 1          | PUR      | LTW          | BR               | BR        | INC         | 3                    | B                 | P   | G       | G                   | G        | B              | G             |            |
| GH3902E3S <b>NEW</b> ● | E3/STS                           | 3.9                       | 2                      | MB        | T                 | IND          | 5            | 3         | 1          | WH       | GR           | TN               | BF        | EXC         | 3                    | B                 | P   | F       | B                   | G        | B              | B             |            |
| GH3922E3               | E3                               | 3.9                       | 2                      | MB        | M                 | IND          | 2            | 1         | 1          | WH       | GR           | BR               | BF        | INC         | 3                    | B                 | F   | G       | G                   | G        | B              | G             |            |
| GH3952XF <b>NEW</b> ●  | XF                               | 3.9                       | 3                      | M         | MT                | IND          | 2            | 1         | 1          | PUR      | LTW          | BR               | BL        | INC         | 3                    | G                 | F   | B       | B                   | B        | F              | G             |            |
| GH3982X                | RR2X                             | 3.9                       | 2                      | MB        | MT                | IND          | 3            | 1         | 1          | PUR      | LTW          | TN               | BL        | INC         | 3                    | G                 | P   | G       | B                   | F        | B              | G             |            |
| GH3927LG               | LL/GT27                          | 3.9                       | 3                      | M         | MT                | IND          | 2            | 2         | 1          | WH       | LTW          | BR               | BL        | INC         | -                    | G                 | F   | F       | B                   | G        | B              | B             |            |
| GH4072E3 <b>NEW</b> ●  | E3                               | 4.0                       | 3                      | MB        | M                 | IND          | 3            | 2         | 1          | WH       | GR           | TN               | BF        | INC         | -                    | G                 | P   | B       | G                   | B        | G              | G             |            |
| GH4155E3               | E3                               | 4.1                       | 2                      | MB        | MT                | IND          | 2            | 1         | 1          | PUR      | LTW          | TN               | BR        | INC         | 2                    | G                 | G   | G       | F                   | G        | G              | G             |            |
| GH4201E3               | E3                               | 4.2                       | 3                      | MB        | M                 | IND          | 3            | 2         | 1          | WH       | LTW          | BR               | BR        | INC         | -                    | G                 | F   | F       | G                   | B        | B              | G             |            |
| GH4222XF <b>NEW</b> ●  | XF                               | 4.2                       | 3                      | M         | M                 | IND          | 2            | 1         | 2          | PUR      | LTW          | BR               | BL        | INC         | -                    | B                 | F   | B       | B                   | G        | P              | B             |            |
| GH4240XS               | RR2X/STS                         | 4.2                       | 2                      | M         | MT                | IND          | 2            | 1         | 1          | WH       | GR           | BR               | BF        | INC         | 3                    | G                 | P   | B       | B                   | B        | F              | B             |            |
| GH4362E3S <b>NEW</b> ● | E3/STS                           | 4.3                       | 2                      | M         | MT                | IND          | 2            | 1         | 1          | PUR      | GR           | BR               | IMB       | INC         | -                    | -                 | -   | -       | -                   | -        | -              | -             |            |
| GH4392XF <b>NEW</b> ●  | XF                               | 4.3                       | 3                      | M         | MT                | IND          | 4            | 3         | 2          | PUR      | LTW          | BR               | BL        | INC         | -                    | B                 | G   | B       | G                   | G        | F              | B             |            |
| GH4307X                | RR2X                             | 4.3                       | 3                      | M         | MT                | IND          | 4            | 3         | 1          | PUR      | LTW          | TN               | BL        | INC         | 4                    | B                 | F   | B       | B                   | B        | G              | G             |            |
| GH4474E3               | E3                               | 4.4                       | 3                      | MB        | M                 | IND          | 3            | 1         | 1          | PUR      | GR           | TN               | IMB       | INC         | 1                    | G                 | P   | F       | G                   | G        | F              | F             |            |
| GH4452XFS <b>NEW</b> ● | XF/STS                           | 4.4                       | 2                      | M         | MT                | IND          | 3            | 1         | 2          | WH       | GR           | BR               | BF        | INC         | -                    | B                 | P   | B       | B                   | B        | F              | B             |            |
| GH4582E3 <b>NEW</b> ●  | E3                               | 4.5                       | 2                      | MB        | MT                | IND          | 4            | 4         | 1          | WH       | GR           | BR               | BF        | INC         | 5                    | B                 | P   | P       | B                   | G        | B              | F             |            |
| GH4512XF <b>NEW</b> ●  | XF                               | 4.5                       | 2                      | M         | MT                | IND          | 3            | 1         | 1          | PUR      | LTW          | BR               | BL        | EXC         | -                    | F                 | P   | G       | G                   | G        | F              | B             |            |
| GH4531XS               | RR2X/STS                         | 4.5                       | 2                      | MB        | MT                | IND          | 3            | 2         | 1          | PUR      | GR           | BR               | BF        | INC         | 2                    | B                 | F   | B       | G                   | G        | F              | G             |            |
| GH4612E3S              | E3/STS                           | 4.6                       | 1                      | M         | T                 | IND          | 3            | 3         | 1          | PUR      | GR           | BR               | IMB       | EXC         | 1                    | B                 | F   | G       | B                   | G        | F              | G             |            |
| GH4741X                | RR2X                             | 4.7                       | 2                      | M         | MT                | IND          | 2            | 1         | 1          | PUR      | LTW          | BR               | BL        | EXC         | 2                    | B                 | P   | B       | G                   | G        | F              | B             |            |
| GH4838E3S              | E3/STS                           | 4.8                       | 3                      | M         | MT                | IND          | 4            | 3         | 1          | PUR      | GR           | BR               | IMB       | INC         | 2                    | P                 | P   | G       | F                   | F        | F              | F             |            |
| GH4882XFS <b>NEW</b> ● | XF/STS                           | 4.8                       | 2                      | M         | MT                | IND          | 2            | 1         | 2          | WH       | GR           | BR               | BF        | INC         | -                    | G                 | P   | B       | G                   | B        | P              | G             |            |
| GH4823XS               | RR2X/STS                         | 4.8                       | 2                      | MB        | T                 | IND          | 3            | 2         | 2          | WH       | LTW          | BR               | BR        | EXC         | 3                    | G                 | P   | G       | G                   | G        | F              | G             |            |
| GH4972E3S <b>NEW</b> ● | E3/STS                           | 4.9                       | 3                      | MB        | MT                | IND          | 3            | 2         | 1          | WH       | GR           | BR               | BF        | EXC         | -                    | -                 | -   | -       | -                   | -        | -              | -             |            |
| GH4917XS               | RR2X/STS                         | 4.9                       | 2                      | MB        | T                 | IND          | 5            | 4         | 1          | PUR      | LTW          | TN               | BL        | INC         | 4                    | G                 | P   | F       | G                   | B        | F              | G             |            |
| GH5189E3               | E3                               | 5.1                       | 3                      | MB        | MT                | IND          | 4            | 3         | 1          | WH       | GR           | BR               | BF        | EXC         | -                    | G                 | P   | F       | G                   | G        | F              | F             |            |
| GH5175XS               | RR2X/STS                         | 5.1                       | 1                      | MB        | MT                | IND          | 4            | 3         | 1          | WH       | GR           | TN               | BF        | INC         | 4                    | F                 | P   | B       | G                   | G        | F              | G             |            |
| GH5762XF <b>NEW</b> ●  | XF                               | 5.7                       | 2                      | MB        | M                 | DET          | 3            | 1         | 1          | PUR      | LTW          | BR               | BL        | INC         | -                    | F                 | F   | B       | G                   | G        | P              | B             |            |

\*NOTE: A few product descriptions and ratings are sourced from the variety's generic supplier and may change as additional data is gathered.

## Herbicide Tolerant Traits

E3 = ENLIST E3\*  
 E3/STS = ENLIST E3\* and STS\*  
 LL/GT27 = LibertyLink\* and GT27\*\*  
 LL/GT27/STS = LibertyLink\*, GT27\*\* and STS\*  
 RR2X = Roundup Ready 2 Xtend\*  
 RR2X/STS = Roundup Ready 2 Xtend\* and STS\*  
 XF = XtendFlex\*  
 XF/STS = XtendFlex\* and STS\*  
 RR2Y = Roundup Ready 2 Yield\*

## Canopy/Plant Type

T = Thin  
 MT = Medium-Thin  
 M = Medium  
 MB = Medium-Bush  
 B = Bush  
**Plant Height**  
 S = Short  
 MS = Medium-Short  
 M = Medium  
 MT = Medium-Tall  
 T = Tall

## Growth Habit

IND = Indeterminate  
 DET = Determinate  
**Protein and Oil**  
 Ratings are based on two-year averages, except in cases where only one year of data is available.

## Color Abbreviations

BF = Buff  
 BL = Black  
 BR = Brown  
 GR = Gray  
 IMB = Imperfect Black  
 IMY = Imperfect Yellow  
 LTW = Light Tawny  
 PUR = Purple  
 TN = Tan  
 TW = Tawny  
 WH = White  
 YEL = Yellow

## Chloride Sensitivity

INC = Includer  
 EXC = Excluder

## Adaptation to Soil Types/ Yield Environments

B = Best  
 G = Good  
 F = Fair  
 P = Poor  
 - = Not Available

| PRODUCT                | GRAIN QUALITY*      |                 | DISEASE/PEST*         |                 |                       |                  |                      |                              |                                 |                      |                          |                         | PRODUCT |                             |                          |
|------------------------|---------------------|-----------------|-----------------------|-----------------|-----------------------|------------------|----------------------|------------------------------|---------------------------------|----------------------|--------------------------|-------------------------|---------|-----------------------------|--------------------------|
|                        | % Protein @13% mst. | % Oil @13% mst. | Phytophthora Root Rot |                 | Soybean Cyst Nematode |                  | Southern Stem Canker | Root Knot Nematode-Incognita | Iron Deficiency Chlorosis (IDC) | Brown Stem Rot (BSR) | Soybean White Mold (SWM) | Pod & Stem Blight (PSB) |         | Sudden Death Syndrome (SDS) | Frogeye Leaf Spot (FELS) |
|                        |                     |                 | Gene Resistance       | Field Tolerance | Gene Source           | Race Resistances |                      |                              |                                 |                      |                          |                         |         |                             |                          |
| GH3762E3S <b>NEW</b> ● | 32.1                | 20.0            | Rps1c                 | 3               | PI88788               | MR3              | 1                    | -                            | 3                               | 3                    | 6                        | -                       | 2       | 2                           | GH3762E3S <b>NEW</b> ●   |
| GH3732XF <b>NEW</b> ●  | 31.4                | 18.7            | S                     | 4               | PI88788               | R3               | 1                    | -                            | 3                               | 4                    | -                        | -                       | 4       | 2                           | GH3732XF <b>NEW</b> ●    |
| GH3728X                | 35.5                | 19.0            | Rps1c                 | 2               | PI88788               | R3, R14          | 2                    | 7                            | 5                               | 3                    | -                        | -                       | 3       | 3                           | GH3728X                  |
| GH3727LG               | 37.4                | 19.1            | Rps3a                 | 5               | PI88788               | MR3              | 1                    | 6                            | 5                               | -                    | -                        | -                       | -       | 3                           | GH3727LG                 |
| GH3902E3S <b>NEW</b> ● | 31.7                | 20.1            | Rps1c                 | 3               | PI88788               | R3               | 1                    | -                            | 5                               | 3                    | 6                        | -                       | 2       | 2                           | GH3902E3S <b>NEW</b> ●   |
| GH3922E3               | 34.4                | 19.4            | Rps1a                 | 4               | PI88788               | MR3              | 1                    | 6                            | 4                               | 3                    | -                        | -                       | 3       | 3                           | GH3922E3                 |
| GH3952XF <b>NEW</b> ●  | 32.3                | 18.8            | Rps1c                 | 3               | PI88788               | R3               | 1                    | -                            | 4                               | 2                    | -                        | -                       | 2       | 5                           | GH3952XF <b>NEW</b> ●    |
| GH3982X                | 34.5                | 19.5            | S                     | 4               | PI88788               | R3, MR14         | 2                    | 5                            | 5                               | -                    | -                        | -                       | 4       | 3                           | GH3982X                  |
| GH3927LG               | 36.9                | 19.5            | S                     | 4               | PI88788               | MR3              | 1                    | 6                            | 4                               | -                    | -                        | -                       | 4       | 2                           | GH3927LG                 |
| GH4072E3 <b>NEW</b> ●  | 32.1                | 18.5            | Rps1c, Rps3a          | 3               | PI88788               | MR3              | 1                    | -                            | 5                               | 4                    | -                        | -                       | 2       | 2                           | GH4072E3 <b>NEW</b> ●    |
| GH4155E3               | 35.1                | 19.0            | Rps3a                 | 4               | PI88788               | MR3              | -                    | 5                            | 3                               | 3                    | -                        | -                       | 5       | 3                           | GH4155E3                 |
| GH4201E3               | 33.7                | 19.5            | S                     | 4               | PI88788               | R3               | 1                    | -                            | 4                               | 4                    | -                        | -                       | 3       | 2                           | GH4201E3                 |
| GH4222XF <b>NEW</b> ●  | 32.9                | 18.1            | S                     | 3               | PI88788               | MR3              | 1                    | 8                            | 4                               | 3                    | -                        | -                       | 3       | -                           | GH4222XF <b>NEW</b> ●    |
| GH4240XS               | 34.5                | 19.0            | Rps1c                 | 3               | PI88788               | R3               | 1                    | 8                            | 6                               | 2                    | -                        | -                       | 3       | 5                           | GH4240XS                 |
| GH4362E3S <b>NEW</b> ● | -                   | -               | S                     | 4               | PI88788               | R3, MR14         | 1                    | -                            | -                               | -                    | -                        | -                       | 4       | 3                           | GH4362E3S <b>NEW</b> ●   |
| GH4392XF <b>NEW</b> ●  | 33.6                | 18.0            | S                     | 4               | PI88788               | MR3              | 1                    | 8                            | 3                               | 3                    | -                        | -                       | 3       | 2                           | GH4392XF <b>NEW</b> ●    |
| GH4307X                | 33.7                | 19.7            | S                     | 4               | PI88788               | R3, MR14         | 3                    | 7                            | 4                               | 4                    | -                        | -                       | 3       | 2                           | GH4307X                  |
| GH4474E3               | 33.9                | 18.2            | Rps1a                 | 3               | PI88788               | MR3              | 1                    | 4                            | 5                               | 3                    | -                        | -                       | 5       | 3                           | GH4474E3                 |
| GH4452XFS <b>NEW</b> ● | 33.3                | 17.9            | Rps1c                 | 3               | PI88788               | MR3              | 1                    | 5                            | 5                               | 3                    | -                        | -                       | 4       | -                           | GH4452XFS <b>NEW</b> ●   |
| GH4582E3 <b>NEW</b> ●  | 33.2                | 18.6            | Rps1c, Rps3a          | 3               | PI88788               | R3               | 1                    | 3                            | 5                               | 3                    | -                        | -                       | 3       | 2                           | GH4582E3 <b>NEW</b> ●    |
| GH4512XF <b>NEW</b> ●  | 34.4                | 18.0            | S                     | 5               | PI88788               | R3               | 1                    | 5                            | 6                               | 4                    | -                        | -                       | 3       | 2                           | GH4512XF <b>NEW</b> ●    |
| GH4531XS               | 36.8                | 20.7            | S                     | 4               | PI88788               | MR3, MR14        | 1                    | 7                            | 4                               | 3                    | -                        | -                       | 3       | 5                           | GH4531XS                 |
| GH4612E3S              | 35.5                | 19.0            | S                     | 4               | PI88788               | MR3              | 1                    | 3                            | 4                               | 3                    | -                        | -                       | 3       | 4                           | GH4612E3S                |
| GH4741X                | 34.9                | 19.2            | Rps1k                 | 4               | PI88788               | R3, MR14         | 2                    | 7                            | 5                               | 3                    | -                        | -                       | 3       | 3                           | GH4741X                  |
| GH4838E3S              | 34.6                | 18.0            | S                     | 4               | PI88788               | MR3              | 1                    | 4                            | 5                               | 3                    | -                        | -                       | 3       | 3                           | GH4838E3S                |
| GH4882XFS <b>NEW</b> ● | 33.1                | 18.2            | Rps1k                 | -               | PI88788               | -                | 1                    | 6                            | 5                               | -                    | -                        | -                       | 4       | 2                           | GH4882XFS <b>NEW</b> ●   |
| GH4823XS               | 35.0                | 20.8            | Rps1c                 | 3               | PI88788               | MR3              | 1                    | 7                            | 5                               | 3                    | -                        | -                       | 4       | 2                           | GH4823XS                 |
| GH4972E3S <b>NEW</b> ● | -                   | -               | S                     | 4               | PI88788               | R3, MR14         | 1                    | -                            | -                               | -                    | -                        | -                       | 4       | 3                           | GH4972E3S <b>NEW</b> ●   |
| GH4917XS               | 34.9                | 21.4            | Rps1k                 | 3               | PI88788               | R3, MR14         | 1                    | 6                            | 5                               | -                    | -                        | -                       | 5       | 3                           | GH4917XS                 |
| GH5189E3               | 35.5                | 18.0            | S                     | 5               | PI88788               | MR3              | 1                    | 4                            | 5                               | 2                    | -                        | -                       | 3       | 3                           | GH5189E3                 |
| GH5175XS               | 35.0                | 20.0            | Rps1k                 | 4               | PI88788               | MR3, MR14        | 1                    | 7                            | 5                               | 3                    | -                        | -                       | 5       | 2                           | GH5175XS                 |
| GH5762XF <b>NEW</b> ●  | 36.1                | 16.2            | S                     | 4               | PI88788               | R3               | 1                    | 6                            | 4                               | 3                    | -                        | -                       | 3       | 2                           | GH5762XF <b>NEW</b> ●    |

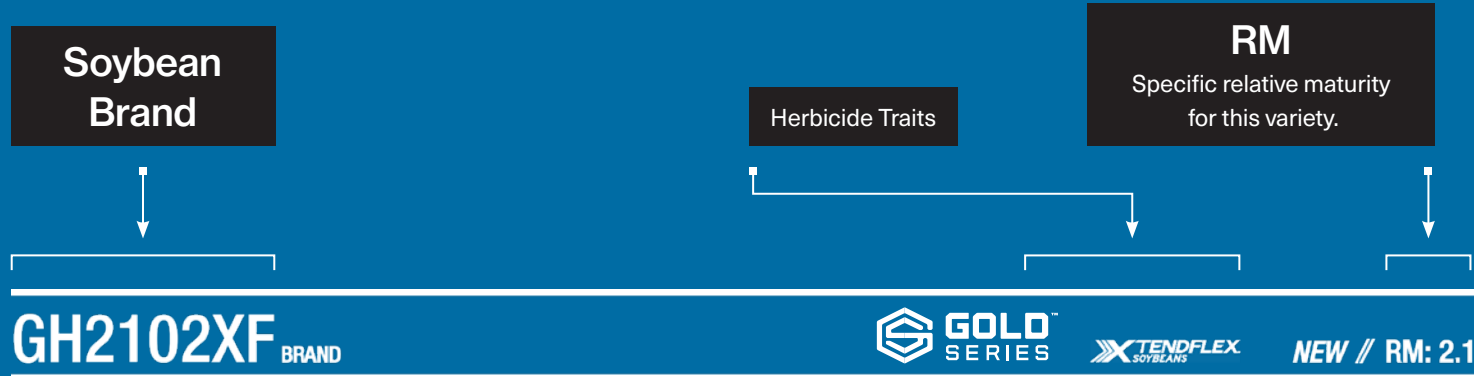
## Resistance Rating System

Indicates when a variety is resistant to a specific disease or pest. For Soybean Cyst Nematode (SCN), the gene(s) conveying the resistance, race(s) the variety is resistant against, and degree of resistance are specified, when available. For Phytophthora, the gene(s) conveying the resistance and general field tolerance rating are listed.

## Soybean Cyst Nematode (SCN)

The PI88788, PI89772, and

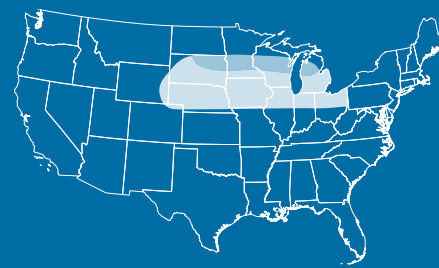
# SOYBEAN VARIETIES



## EXCELLENT YIELD POTENTIAL WITH STRONG DEFENSE

- Widely adapted while excelling on poorly drained soils
- Very good tolerance to PRR, SDS, IDC, and Frogeye Leaf Spot
- Performs well South of zone

| Rating                       | 9     | 7     | 5     | 3     | BEST 1 |
|------------------------------|-------|-------|-------|-------|--------|
| Emergence                    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Standability                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Phytophthora Field Tolerance | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Sudden Death Syndrome        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Soybean White Mold           | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Iron Deficiency Chlorosis    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |



### Map

Primary (and secondary, where applicable) areas of adaptation for this variety series. Areas are suggested; performance may vary.

Ratings are based on field observations collected by Syngenta from multiple locations over multiple years. They represent comparisons with company products only.

## GH0325E3 BRAND

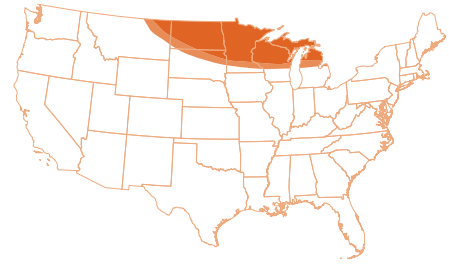


RM: 0.3

### EXCELLENT YIELD POTENTIAL FOR MATURITY

- Soybean Cyst Nematode protection in an early bean
- Adapted to all row widths
- Performed in and out of the Red River Valley

| Rating                       | 9     | 7     | 5     | 3     | BEST 1 |
|------------------------------|-------|-------|-------|-------|--------|
| Emergence                    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Standability                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Phytophthora Field Tolerance | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Sudden Death Syndrome        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Soybean White Mold           | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Iron Deficiency Chlorosis    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |



## GH0822XF BRAND

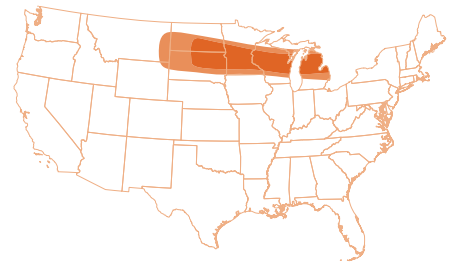


NEW // RM: 0.8

### GREAT YIELD POTENTIAL WITH STRESS TOLERANCE

- Large plant type performs well on both drought-stressed and poorly drained acres
- Good fit for the high pH acre where Soybean Cyst Nematode can be an issue
- Rps1c gene with strong tolerance to Phytophthora Root Rot

| Rating                       | 9     | 7     | 5     | 3     | BEST 1 |
|------------------------------|-------|-------|-------|-------|--------|
| Emergence                    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Standability                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Phytophthora Field Tolerance | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Sudden Death Syndrome        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Soybean White Mold           | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Iron Deficiency Chlorosis    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |



## GH1442XF BRAND

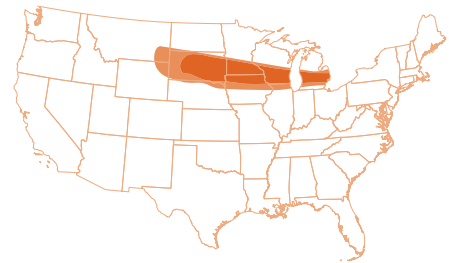


NEW // RM: 1.4

### PROVEN GENETICS WITH A COMPLETE DISEASE PACKAGE

- Consistent performance with broad adaptation across soil types
- Very strong Phytophthora tolerance allows for planting in poorly drained soils
- Excellent standability with strong tolerance to Soybean White Mold

| Rating                       | 9     | 7     | 5     | 3     | BEST 1 |
|------------------------------|-------|-------|-------|-------|--------|
| Emergence                    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Standability                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Phytophthora Field Tolerance | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Sudden Death Syndrome        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Soybean White Mold           | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Iron Deficiency Chlorosis    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |



## GH1802E3 BRAND

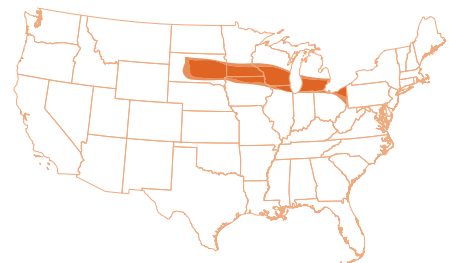


NEW // RM: 1.8

### NEW GENETICS FOR THE ENLIST E3 TRAIT PLATFORM

- Good stress tolerance for drought-prone acres
- Stands well with very strong tolerance to Soybean White Mold
- Performs well in high-yield environments

| Rating                       | 9     | 7     | 5     | 3     | BEST 1 |
|------------------------------|-------|-------|-------|-------|--------|
| Emergence                    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Standability                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Phytophthora Field Tolerance | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Sudden Death Syndrome        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Soybean White Mold           | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |
| Iron Deficiency Chlorosis    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●●  |



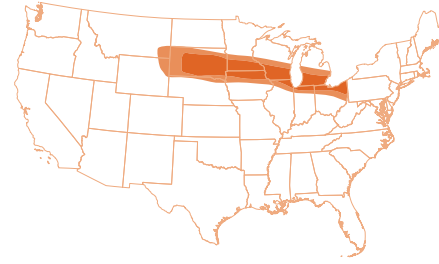
# GH1922E3 BRAND

Enlist E3 SOYBEANS **NEW // RM: 1.9**

## STEP-CHANGE IN PERFORMANCE

- Outstanding tolerance to SDS
- Rps1k gene with strong field tolerance to Phytophthora Root Rot
- Medium-tall plant type with good stress tolerance

| Rating                       | 9     | 7     | 5     | 3     | 1     | BEST |
|------------------------------|-------|-------|-------|-------|-------|------|
| Emergence                    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Standability                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Phytophthora Field Tolerance | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Sudden Death Syndrome        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Soybean White Mold           | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Iron Deficiency Chlorosis    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



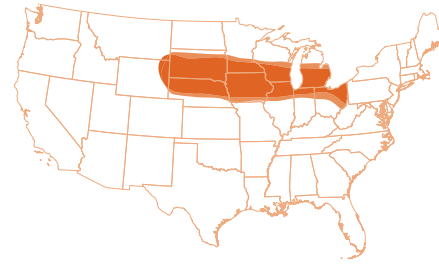
# GH2011E3 BRAND

Enlist E3 SOYBEANS **RM: 2.0**

## GREAT DISEASE PACKAGE WITH STRONG PERFORMANCE ACROSS A WIDE GEOGRAPHY

- Excellent SDS tolerance
- Rps1c/3a stack with excellent field tolerance to Phytophthora Root Rot
- Great row spacing flexibility

| Rating                       | 9     | 7     | 5     | 3     | 1     | BEST |
|------------------------------|-------|-------|-------|-------|-------|------|
| Emergence                    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Standability                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Phytophthora Field Tolerance | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Sudden Death Syndrome        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Soybean White Mold           | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Iron Deficiency Chlorosis    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



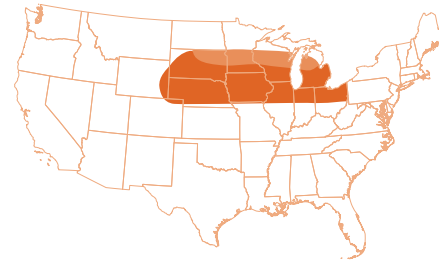
# GH2102XF BRAND

GOLD SERIES X TENDFLEX SOYBEANS **NEW // RM: 2.1**

## EXCELLENT YIELD POTENTIAL WITH STRONG DEFENSE

- Widely adapted while excelling on poorly drained soils
- Very good tolerance to Phytophthora, Sudden Death Syndrome, Iron Deficiency Chlorosis, and Frogeye Leaf Spot
- Performs well south of zone

| Rating                       | 9     | 7     | 5     | 3     | 1     | BEST |
|------------------------------|-------|-------|-------|-------|-------|------|
| Emergence                    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Standability                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Phytophthora Field Tolerance | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Sudden Death Syndrome        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Soybean White Mold           | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Iron Deficiency Chlorosis    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



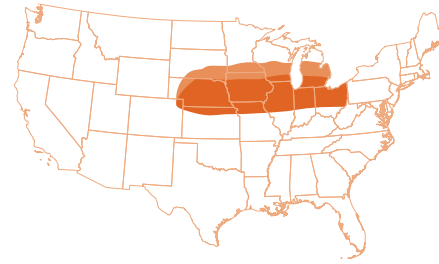
# GH2722XF BRAND

GOLD SERIES X TENDFLEX SOYBEANS **NEW // RM: 2.7**

## PROVEN GENETICS THAT DELIVER TOP-END YIELD POTENTIAL

- Broadly adapted with strong Sudden Death Syndrome tolerance
- Rps1c and very good Phytophthora tolerance for heavier soils
- Dependable standability throughout the season

| Rating                       | 9     | 7     | 5     | 3     | 1     | BEST |
|------------------------------|-------|-------|-------|-------|-------|------|
| Emergence                    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Standability                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Phytophthora Field Tolerance | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Sudden Death Syndrome        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Soybean White Mold           | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Iron Deficiency Chlorosis    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



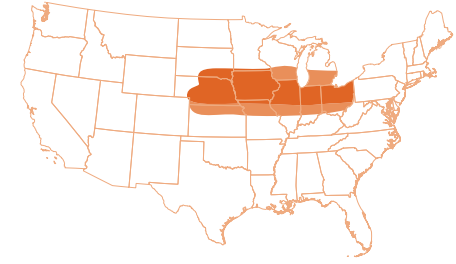
# GH2922E3 BRAND

GOLD SERIES Enlist E3 SOYBEANS **NEW // RM: 2.9**

## EXCITING YIELD POTENTIAL WITH A STELLAR DEFENSIVE PACKAGE

- Broadly adapted with superb Sudden Death Syndrome tolerance
- Solid performance across soils excelling on Phytophthora-prone acres
- Strong Iron Deficiency Chlorosis tolerance for high pH soils

| Rating                       | 9     | 7     | 5     | 3     | 1     | BEST |
|------------------------------|-------|-------|-------|-------|-------|------|
| Emergence                    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Standability                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Phytophthora Field Tolerance | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Sudden Death Syndrome        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Soybean White Mold           | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Iron Deficiency Chlorosis    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



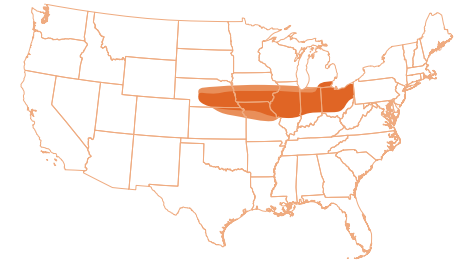
# GH3132E3 BRAND

GOLD SERIES Enlist E3 SOYBEANS **NEW // RM: 3.1**

## WIDELY ADAPTED WITH SOLID DEFENSE

- Stacked Rps1k/3a genes to protect against Phytophthora
- Good performance in clay soils with high water holding capacity
- Flexible to move north or south of zone

| Rating                       | 9     | 7     | 5     | 3     | 1     | BEST |
|------------------------------|-------|-------|-------|-------|-------|------|
| Emergence                    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Standability                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Phytophthora Field Tolerance | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Sudden Death Syndrome        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Soybean White Mold           | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Frogeye Leaf Spot            | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



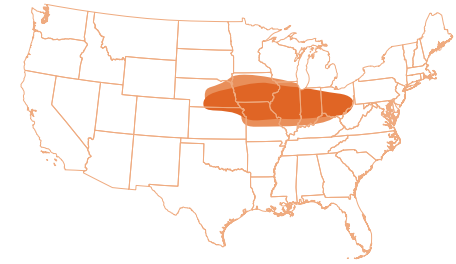
# GH3442XF BRAND

GOLD SERIES X TENDFLEX SOYBEANS **NEW // RM: 3.4**

## EXCELLENT PERFORMANCE FOR ANY YIELD ENVIRONMENT

- Performs well both north and south of zone
- Top-end yield potential protected by a solid defensive package
- Good performance across soil types

| Rating                       | 9     | 7     | 5     | 3     | 1     | BEST |
|------------------------------|-------|-------|-------|-------|-------|------|
| Emergence                    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Standability                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Phytophthora Field Tolerance | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Sudden Death Syndrome        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Soybean White Mold           | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Frogeye Leaf Spot            | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



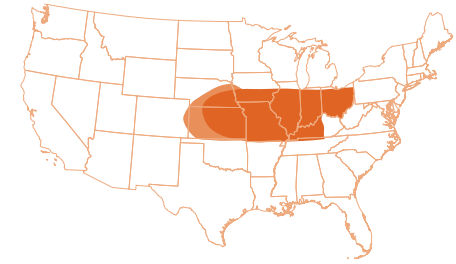
# GH3582E3 BRAND

Enlist E3 SOYBEANS **RM: 3.5**

## SUPERIOR PERFORMANCE ACROSS GEOGRAPHIES

- Very strong yields across multiple years
- Reliable SDS tolerance
- Exceptional Southern Stem Canker protection

| Rating                       | 9     | 7     | 5     | 3     | 1     | BEST |
|------------------------------|-------|-------|-------|-------|-------|------|
| Emergence                    | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Standability                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Phytophthora Field Tolerance | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Sudden Death Syndrome        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Soybean White Mold           | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Frogeye Leaf Spot            | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



“ THE BIGGEST ADVANTAGE WITH GOLDEN HARVEST IS THEIR WIDE VARIETY OF TRAITS THAT THEY HAVE TO OFFER ME; DIFFERENT TRAITS FOR THE DIFFERENT FIELDS AND VARYING SOIL CONDITIONS THAT I FARM IN. HAVING THAT WIDE VARIETY HAS DEFINITELY ALLOWED ME TO MAXIMIZE MY YIELDS. ”

-Darrin Fisher, Golden Harvest Soybean Farmer, Lake Lillian, MN

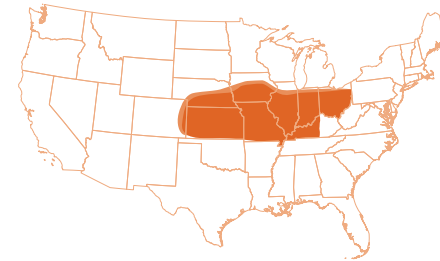
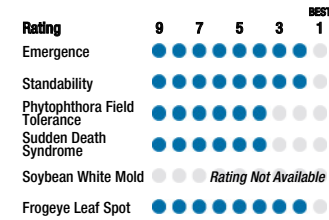


## GH3732XF BRAND

**GOLD SERIES** **TENDFLEX SOYBEANS** **NEW // RM: 3.7**

### EXCELLENT PERFORMER ACROSS REGIONS

- Performs well both north and south of zone
- Handles droughty soils well
- Consistent potential at any yield level

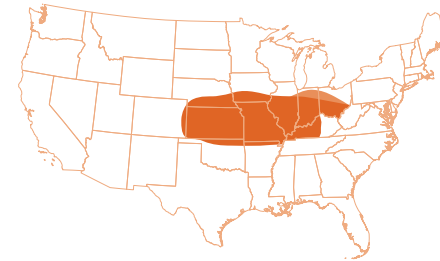
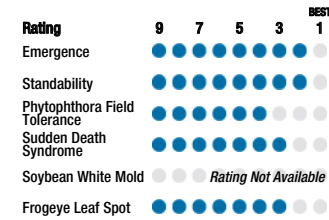


## GH3922E3 BRAND

**Enlist E3 SOYBEANS** **RM: 3.9**

### TOP YIELD POTENTIAL ACROSS ENVIRONMENTS

- Proven tolerance to Sudden Death Syndrome and Frogeye Leaf Spot
- Ability to handle drought stress
- Widely adapted for easy placement

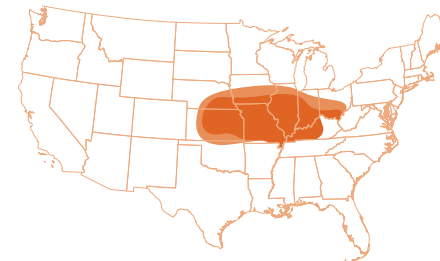
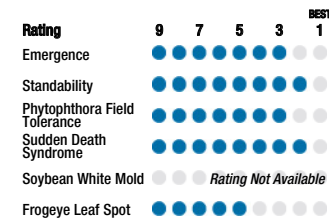


## GH3952XF BRAND

**GOLD SERIES** **TENDFLEX SOYBEANS** **NEW // RM: 3.9**

### GREAT AGRONOMICS WITH EXCITING YIELD POTENTIAL

- Superb Sudden Death Syndrome tolerance allows for early planting
- Moves south of zone well
- Great potential at any yield level

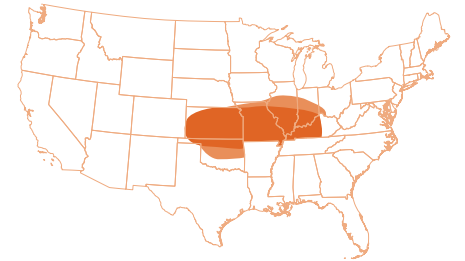
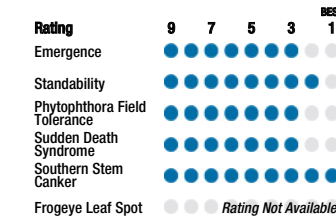


## GH4222XF BRAND

**GOLD SERIES** **TENDFLEX SOYBEANS** **NEW // RM: 4.2**

### TOP-END YIELD POTENTIAL WITH BROAD ADAPTATION

- Solid tolerance to Sudden Death Syndrome with great standability
- Equally impressive on both dryland and irrigated acres
- Performs across all soil types

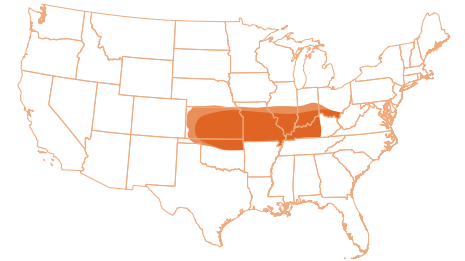
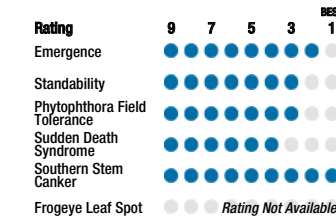


## GH4452XFS BRAND

**GOLD SERIES** **TENDFLEX SOYBEANS** **STS** **NEW // RM: 4.4**

### FARMER-TRUSTED GENETICS WITH TOP-END PERFORMANCE

- Very good standability for an easy harvest
- Excellent choice for both first-crop and double-crop acres
- Wide area of adaptation with STS tolerance

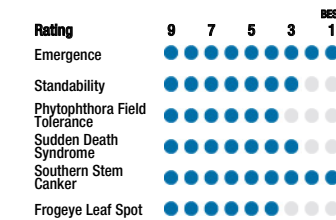


## GH4612E3S BRAND

**Enlist E3 SOYBEANS** **STS** **RM: 4.6**

### TOP PERFORMANCE WITH STS TOLERANCE AND CHLORIDE EXCLUDER

- Well suited for either dryland or irrigated acres
- Excellent choice for clay soils
- Tremendous Southern Stem Canker tolerance



# CORN

Golden Harvest  
Brings You  
High-Performing  
Hybrids



Golden Harvest is committed to innovation to develop and deliver the right corn hybrids to perform in your fields. Thousands of corn traits are tested to find the one that's the safest, highest performing and most effective. Our Nampa, Idaho facility embodies a core pillar of our commitment to fueling a stronger corn lineup with first-in-line innovations available to farmers.



## Proven Success

- > Golden Harvest performed successfully in the 2020 F.I.R.S.T. (Farmers' Independent Research of Seed Technologies) comparisons with the help of improved trait introgression
- > Speed and quality achieved with 100% temperature and environmental controls to help create more traited hybrids in elite germplasm
- > Including the power of Agrisure Duracade® trait for above- and below-ground control with Agrisure Viptera® trait for above-ground control providing premium protection

08

First Place  
Finishers

26

Top Three  
Finishers

101

Top Ten  
Finishers



# CORN TRAITS

## Agrisure Corn Traits

Agrisure® corn traits offer the most complete above- and below-ground insect control solutions.

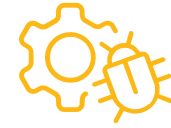
Control of these damaging pests provides:

### ABOVE-GROUND

- > Less damage from ear-, stalk- and leaf feeding insects resulting in:
  - Less stand loss
  - Noticeably healthier ears with less insect damage
  - Reduced risk of mold and mycotoxin development for high-quality grain

### BELOW-GROUND

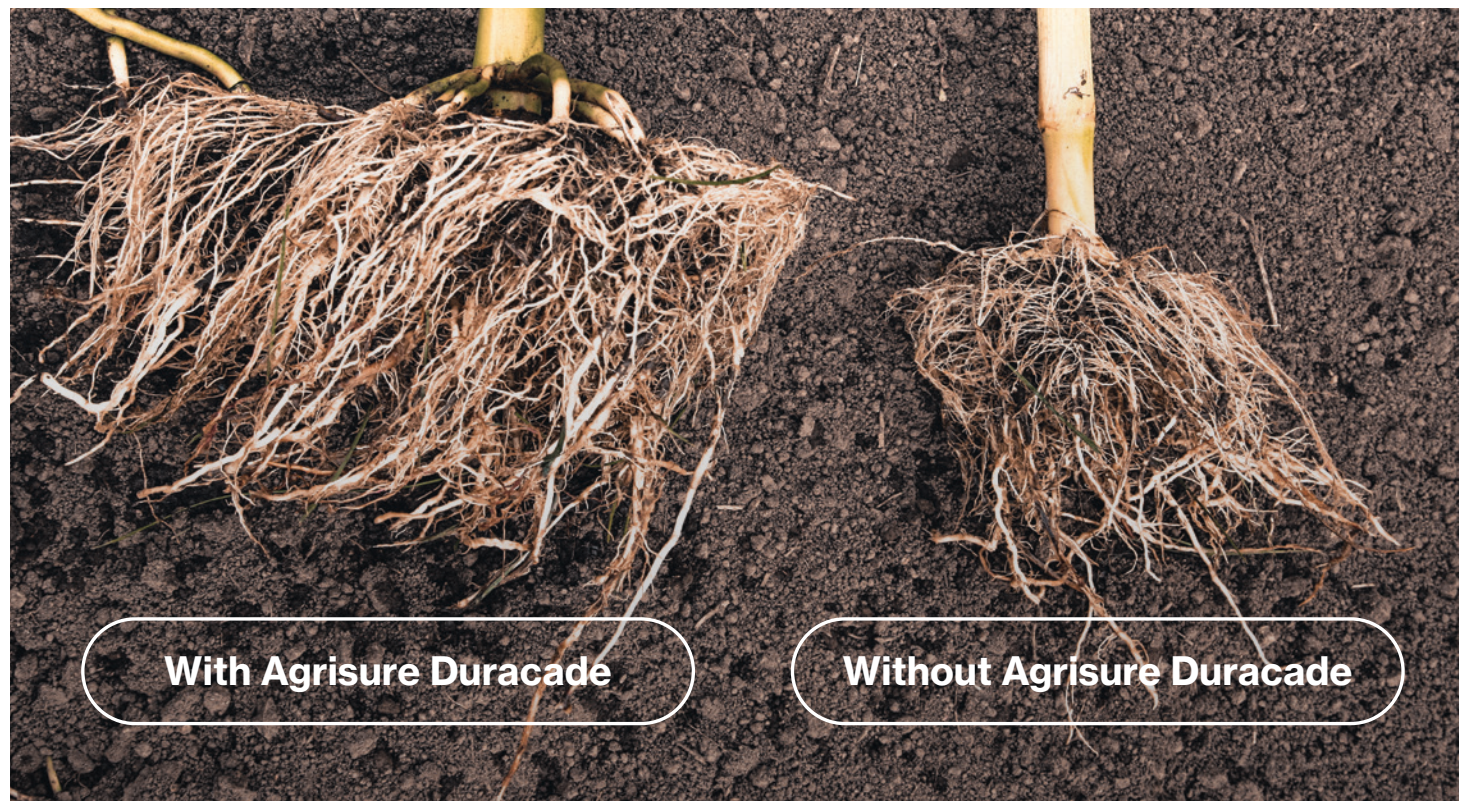
- > Stronger, more robust root systems that lead to:
  - Healthier plants
  - Fuller leaves that allow for increased photosynthesis and maximum grain fill
  - More robust stalks that stand tall



## Increased Insect Control



## Stronger Root Systems



## Agrisure Duracade®

Agrisure Duracade trait stack controls 16 above- and below-ground insects—more than any other competitive trait stack on the market, making it the industry's most innovative solution for proactively protecting yield potential and field health against the devastating threat of above- and below-ground pests.

- > Features a unique mode of action for strong corn rootworm control
- > Provides new trait rotational option for a healthier field long-term
- > Combines elite genetics for higher yield potential
  - 4.1 bu/A average over products without Agrisure Duracade\*
- > When combined with Agrisure Viptera, farmers get the most complete above- and below- ground insect control

## Agrisure Viptera®

No other trait provides better or more complete above-ground insect control than Agrisure Viptera.

- > Agrisure Viptera controls up to 13 above-ground insects and is the only trait available today that effectively controls western bean cutworm
- > Delivers cleaner ears for superior grain quality
- > 7.3 bu/A\*\* yield advantage under ear-feeding insect pressure

## Agrisure Artesian®

Agrisure Artesian® hybrids contain multiple genes for season-long drought protection. Agrisure Artesian traits combine with elite genetics, allowing plants to manage gaps in rainfall through the season and optimizes yield in good conditions, delivering nearly 12% higher yields\*\*\* compared to other hybrids in severe and extreme drought.

\* Data summarized from 390 Syngenta trials in 2018  
 \*\* Study results from Syngenta field trials in 33 locations  
 \*\*\* Data is based on 7,613 Syngenta on-farm strip trials across the Corn Belt. 2010-2014 Syngenta defines a yield environment of 50-99 bu/A as severe and fewer than 50 bu/A as extreme.

|   | MASTER TRAIT BRAND | TRAIT TECHNOLOGY | TECHNOLOGY SERIES | MODES OF ACTION    |            |               | WATER-OPTIMIZED | REFUGE       |
|---|--------------------|------------------|-------------------|--------------------|------------|---------------|-----------------|--------------|
| Agrisure Duracade®<br>5222A E-Z Refuge® | [Agrisure]         | [Duracade]       | [5]               | [2]                | [2]        | [2]           | [A]             | [E-Z Refuge] |
| Agrisure Viptera®<br>3220A E-Z Refuge®  | [Agrisure]         | [Viptera]        | [3]               | [2]                | [2]        | [0]           | [A]             | [E-Z Refuge] |
|   |                    |                  |                   | BROAD LEPIDOPTERAN | CORN BORER | CORN ROOTWORM |                 |              |

- The **trait technology** changes as new technologies are introduced.
- The **Technology Series** indicates herbicide tolerance.
  - Series 3 indicates glyphosate and glufosinate tolerance.
  - Series 5 indicates the Agrisure Duracade series plus glyphosate and glufosinate tolerance.
- The **last three numerical identifiers** represent the number of modes of action in each hybrid for broad lepidopteran, corn borer and corn rootworm control.
- The **letter A** indicates if the hybrid is a water-optimized Agrisure Artesian hybrid.
- The **Refuge** descriptor follows the trait stack numerical identifiers. E-Z Refuge® hybrids are integrated, single-bag refuge products which contain 95 percent seed of a corn hybrid containing the trait stack and 5 percent seed of a hybrid without insect control traits.

Note: The naming system does not apply to Agrisure 3000GT.  
 \*All E-Z Refuge products meet the 5% refuge requirement for corn-growing regions. Be sure to check requirements for additional required refuge in cotton-growing regions.

## Agrisure Traits Nomenclature

To help farmers understand the competitive advantage of Agrisure traits, we developed a streamlined naming system that helps you identify the insect control you get with each trait. The system creates consistency for delivery of new technology and trait-stacking opportunities.

# CORN CHARACTERISTICS

| PRODUCT                      | TRAIT OFFERS   |  |                                      |                                |                | MATURITY INFORMATION   |              |                     |
|------------------------------|--|--|--------------------------------------|--------------------------------|----------------|------------------------|--------------|---------------------|
|                              | Above/Below-Ground Insect Protection with E-Z Refuge | Above-Ground Insect Protection with E-Z Refuge | Above/Below-Ground Insect Protection | Above-Ground Insect Protection | No Insect      | Relative Maturity (RM) | GDUs to Silk | GDUs to Black Layer |
| Golden Harvest Hybrid Series | Agrisure Duracade                                    | Agrisure 3120                                  | Agrisure 3000GT                      | Agrisure Viptera 3110          | Agrisure GT    |                        |              |                     |
|                              | Agrisure 3122  | Agrisure Viptera                               | Agrisure Viptera 3111                |                                | Agrisure GT/LL |                        |              |                     |
| G78C29                       |  | 3220   |                                      |                                |                | 78                     | 1150         | 1890                |
| G80Q01                       |  | 3220A  |                                      |                                | GTA/LL         | 80                     | 1150         | 1810                |
| G82M47                       |  | 3220   |                                      |                                |                | 82                     | 1210         | 2075                |
| G85Z56                       | 5222   | 3220   |                                      |                                |                | 85                     | 1220         | 2140                |
| G84J92                       |  | 3120A  |                                      |                                | GTA, Conv.-A   | 86                     | 1200         | 2140                |
| G88F37                       |  | 3120A-LL                                       |                                      |                                |                | 88                     | 1205         | 2280                |
| G90S99 <i>NEW</i>            | 5222 <i>NEW</i>                                      | 3220 <i>NEW</i>                                |                                      |                                |                | 90                     | 1240         | 2290                |
| G91V51                       | 5222A <i>NEW</i>                                     |  |                                      | 3110A                          |                | 91                     | 1240         | 2300                |
| G90Y04                       | 5222A  | 3220A  |                                      |                                | GTA/LL         | 92                     | 1265         | 2325                |
| G94P48                       | 5122A-LL   |  |                                      |                                |                | 94                     | 1260         | 2400                |
| G95D32                       |  | 3220   |                                      |                                | GT/LL          | 95                     | 1280         | 2400                |
| G95M41                       | 5122   |  |                                      |                                |                | 95                     | 1245         | 2365                |
| G96R61                       | 5222   |  |                                      |                                |                | 96                     | 1275         | 2400                |
| G97N86                       | 5222   | 3220   |                                      |                                |                | 97                     | 1275         | 2400                |
| G98L17                       | 5122   |  |                                      |                                |                | 98                     | 1295         | 2410                |
| G98M44 <i>NEW</i>            | 5122 <i>NEW</i>                                      |  |                                      |                                |                | 98                     | 1310         | 2410                |
| G99E68                       | 5122   |  |                                      |                                |                | 99                     | 1300         | 2445                |
| G00H12                       | 5122   |  |                                      |                                | GT/LL          | 100                    | 1315         | 2420                |
| G02K39                       | 5122   | 3120   |                                      |                                |                | 102                    | 1305         | 2475                |
| G02W74                       |  |  | 3000GT                               |                                | Conv.          | 102                    | 1300         | 2445                |
| G03B96 <i>NEW</i>            | 5122 <i>NEW</i>                                      |  |                                      |                                |                | 103                    | 1315         | 2475                |
| G03C84                       | 5122   | 3120   |                                      |                                |                | 103                    | 1355         | 2475                |
| G03J49                       |  |  | 3000GT                               |                                |                | 103                    | 1355         | 2550                |
| G03R40                       | 5222   |  |                                      |                                |                | 103                    | 1335         | 2445                |
| G04G36                       |  |  | 3111A                                |                                |                | 104                    | 1320         | 2550                |
| G04S19                       | 3122   |  |                                      |                                |                | 104                    | 1385         | 2570                |
| G05K08                       | 5122A  |  |                                      |                                |                | 105                    | 1310         | 2555                |
| G06K93                       |  |  |                                      |                                | GT/LL          | 106                    | 1385         | 2530                |
| G06Q68                       | 5222   | 3220   |                                      |                                |                | 106                    | 1355         | 2560                |
| G07F23                       |  |  | 3111                                 |                                | GT, Conv.      | 107                    | 1375         | 2570                |
| G07G73 <i>NEW</i>            | 5122 <i>NEW</i>                                      | 3120 <i>NEW</i>                                |                                      |                                |                | 107                    | 1370         | 2550                |
| G07V88                       |  |  | 3000GT                               |                                | GT             | 107                    | 1375         | 2570                |

| PRODUCT           | AGRONOMIC CHARACTERISTICS |                |               |                |         |            |           |         |             |           | PLANT CHARACTERISTICS |            |           |           |          |            | DISEASE TOLERANCE |                |                           |             |                       |                           |         |                      | PRODUCT |          |                    |             |                   |
|-------------------|---------------------------|----------------|---------------|----------------|---------|------------|-----------|---------|-------------|-----------|-----------------------|------------|-----------|-----------|----------|------------|-------------------|----------------|---------------------------|-------------|-----------------------|---------------------------|---------|----------------------|---------|----------|--------------------|-------------|-------------------|
|                   | Emergence                 | Seedling Vigor | Root Strength | Stalk Strength | Drought | Green Snap | Staygreen | Drydown | Test Weight | Blunt Ear | Plant Height          | Ear Height | Root Type | Leaf Type | Ear Flex | Husk Cover | Cob Color         | Gray Leaf Spot | Northern Corn Leaf Blight | Goss's Wilt | Bacterial Leaf Streak | Southern Corn Leaf Blight | Eyespot | Anthraxose Stalk Rot |         | Tar Spot | Fusarium Crown Rot | Common Rust | Southern Rust     |
| G78C29            | 3                         | 3              | 4             | 2              | 2       | 6          | 2         | 3       | 2           | -         | 4                     | 3          | P         | S-U       | SF       | L          | R                 | -              | -                         | 4           | -                     | -                         | 4       | -                    | -       | 2        | -                  | -           | G78C29            |
| G80Q01            | 3                         | 3              | 2             | 3              | 1       | 3          | 1         | 4       | 2           | -         | 5                     | 4          | M         | U         | SF       | M          | R                 | -              | 4                         | 4           | -                     | -                         | 3       | -                    | -       | 3        | -                  | -           | G80Q01            |
| G82M47            | 3                         | 2              | 2             | 4              | 4       | 3          | 4         | 2       | 4           | -         | 4                     | 4          | M         | P         | SF       | M          | R                 | -              | 4                         | 4           | -                     | -                         | 4       | -                    | -       | 4        | -                  | -           | G82M47            |
| G85Z56            | 3                         | 2              | 4             | 3              | 2       | 3          | 3         | 3       | 3           | -         | 3                     | 4          | P         | S-U       | SF       | M          | R                 | -              | 3                         | 4           | -                     | -                         | 3       | -                    | -       | 3        | -                  | -           | G85Z56            |
| G84J92            | 3                         | 3              | 3             | 2              | 1       | 4          | 3         | 4       | 2           | 1         | 3                     | 5          | M         | S-U       | SF       | M          | R                 | -              | 3                         | 4           | -                     | -                         | 3       | 2                    | -       | 2        | -                  | -           | G84J92            |
| G88F37            | 3                         | 3              | 3             | 4              | 1       | 4          | 4         | 2       | 3           | 3         | 3                     | 5          | M         | U         | SF       | L          | R                 | -              | 3                         | 3           | -                     | -                         | 3       | 3                    | -       | 3        | -                  | -           | G88F37            |
| G90S99 <i>NEW</i> | 2                         | 3              | 4             | 3              | 2       | 3          | 3         | 3       | 3           | 2         | 2                     | 2          | M         | U         | SD       | M          | R                 | -              | 3                         | 5           | -                     | -                         | -       | 3                    | -       | 3        | -                  | -           | G90S99 <i>NEW</i> |
| G91V51            | 3                         | 3              | 5             | 4              | 1       | 3          | 4         | 3       | 3           | 6         | 3                     | 4          | M         | U         | SF       | M          | R                 | -              | 3                         | 4           | -                     | -                         | 3       | 4                    | 3       | 5        | -                  | -           | G91V51            |
| G90Y04            | 2                         | 3              | 4             | 2              | 1       | 3          | 3         | 3       | 2           | 3         | 2                     | 2          | F         | P         | SF       | M          | R                 | -              | 3                         | 4           | 3                     | -                         | 3       | 3                    | 4       | 3        | -                  | -           | G90Y04            |
| G94P48            | 3                         | 2              | 3             | 3              | 1       | 2          | 3         | 2       | 3           | -         | 3                     | 2          | F         | U         | SF       | L          | R                 | -              | 3                         | 3           | 4                     | -                         | 3       | 3                    | 7       | 3        | -                  | -           | G94P48            |
| G95D32            | 3                         | 3              | 3             | 2              | 2       | 5          | 2         | 3       | 2           | 1         | 3                     | 4          | F         | S-U       | F        | M          | R                 | 4              | 5                         | 3           | 4                     | -                         | 2       | 3                    | 4       | 3        | 4                  | -           | G95D32            |
| G95M41            | 3                         | 3              | 2             | 3              | 3       | 3          | 3         | 3       | 3           | -         | 3                     | 4          | M         | U         | SD       | M          | R                 | -              | 4                         | 5           | 4                     | -                         | 3       | 4                    | 6       | 4        | -                  | -           | G95M41            |
| G96R61            | 2                         | 2              | 3             | 2              | 2       | 2          | 3         | 3       | 2           | -         | 2                     | 2          | F         | U         | SD       | M          | R                 | -              | 2                         | 4           | 5                     | -                         | 3       | 3                    | 3       | 2        | -                  | -           | G96R61            |
| G97N86            | 2                         | 2              | 4             | 2              | 3       | 3          | 3         | 3       | 3           | 5         | 3                     | 2          | M         | U         | SD       | L          | R                 | 4              | 4                         | 4           | 3                     | -                         | 3       | 3                    | 3       | 2        | -                  | -           | G97N86            |
| G98L17            | 2                         | 3              | 4             | 4              | 3       | 3          | 3         | 3       | 4           | 8         | 2                     | 2          | M         | P         | SF       | M          | R                 | 5              | 5                         | 6           | 4                     | -                         | 5       | 3                    | -       | 4        | -                  | -           | G98L17            |
| G98M44 <i>NEW</i> | 3                         | 3              | 4             | 4              | 2       | 4          | 5         | 3       | 2           | -         | 4                     | 4          | M         | P         | F        | M          | R                 | 5              | 4                         | 4           | 5                     | 4                         | -       | 5                    | 5       | 5        | -                  | -           | G98M44 <i>NEW</i> |
| G99E68            | 3                         | 2              | 2             | 3              | 3       | 4          | 2         | 3       | 3           | -         | 3                     | 3          | M         | S-U       | SF       | M          | R                 | 2              | 2                         | 5           | 5                     | -                         | 3       | 3                    | 4       | 4        | -                  | -           | G99E68            |
| G00H12            | 3                         | 3              | 2             | 4              | 2       | 2          | 4         | 3       | 3           | -         | 4                     | 4          | M         | S-U       | SF       | M          | R                 | 3              | 5                         | 5           | 3                     | -                         | 3       | -                    | 2       | 4        | -                  | -           | G00H12            |
| G02K39            | 3                         | 3              | 3             | 2              | 2       | 2          | 1         | 3       | 5           | -         | 5                     | 5          | M         | U         | F        | M          | R                 | 3              | 4                         | 3           | 5                     | -                         | 3       | -                    | 3       | 2        | -                  | -           | G02K39            |
| G02W74            | 3                         | 4              | 2             | 2              | 2       | 4          | 3         | 4       | 4           | 6         | 5                     | 6          | M         | S-U       | SF       | S          | R                 | 3              | 2                         | 6           | 5                     | -                         | 4       | 4                    | 4       | 3        | -                  | -           | G02W74            |
| G03B96 <i>NEW</i> | 3                         | 3              | 3             | 4              | 4       | 2          | 3         | 4       | 2           | -         | 4                     | 3          | M         | S-U       | SF       | M          | R                 | 5              | 3                         | 3           | 4                     | 4                         | -       | 5                    | 4       | 3        | -                  | -           | G03B96 <i>NEW</i> |
| G03C84            | 4                         | 4              | 3             | 4              | 3       | 4          | 5         | 3       | 4           | 5         | 3                     | 3          | M         | S-U       | SF       | M          | R                 | 4              | 3                         | 4           | 5                     | 3                         | 3       | 4                    | 3       | 4        | 3                  | 4           | G03C84            |
| G03J49            | 3                         | 2              | 4             | 5              | 2       | 3          | 3         | 2       | 4           | 2         | 2                     | 3          | M         | P         | SF       | M          | Pi                | 4              | 6                         | 2           | -                     | 4                         | 4       | 5                    | -       | 3        | 3                  | -           | G03J49            |
| G03R40            | 2                         | 3              | 2             | 2              | 3       | 2          | 3         | 4       | 2           | -         | 3                     | 3          | M         | U         | SD       | M          | R                 | 4              | 5                         | 3           | 3                     | 5                         | 3       | -                    | 3       | 2        | -                  | 3           | G03R40            |
| G04G36            | 4                         | 2              | 2             | 3              | 1       | 3          | 5         | 3       | 4           | -         | 5                     | 6          | M         | S-U       | SF       | L          | R                 | 3              | 3                         | 3           | 6                     | 3                         | 4       | 5                    | 3       | 5        | -                  | 5           | G04G36            |
| G04S19            | 4                         | 3              | 4             | 3              | 3       | 3          | 4         | 3       | 5           | -         | 2                     | 2          | M         | S-U       | SF       | M          | Pi                | 4              | 4                         | 3           | 4                     | 4                         | 2       | 2                    | 4       | 4        | -                  | -           | G04S19            |
| G05K08            | 3                         | 4              | 4             | 3              | 1       | 3          | 6         | 3       | 4           | -         | 5                     | 6          | P         | U         | SD       | M          | R                 | 4              | 3                         | 4           | 6                     | 4                         | 3       | 4                    | 5       | 5        | -                  | 5           | G05K08            |
| G06K93            | 3                         | 3              | 3             | 3              | 2       | 4          | 4         | 4       | 3           | -         | 3                     | 3          | M         | S-U       | F        | M          | R                 | 5              | 4                         | 3           | -                     | 3                         | 4       | 4                    | -       | 5        | 4                  | -           | G06K93            |
| G06Q68            | 3                         | 3              | 3             | 2              | 2       | 3          | 4         | 3       | 5           | -         | 4                     | 5          | M         | U         | SF       | M          | R                 | 5              | 2                         | 4           | 4                     | 3                         | 5       | -                    | 4       | 4        | -                  | 4           | G06Q68            |
| G07F23            | 3                         | 3              | 3             | 2              | 3       | 4          | 3         | 4       | -           | -         | 5                     | 5          | M         | S-U       | SF       | M          | Pi                | 3              | 2                         | 4           | 5                     | 5                         | 3       | -                    | 3       | 3        | 5                  | 6           | G07F23            |
| G07G73 <i>NEW</i> | 3                         | 3              | 3             | 3              | 2       | 4          | 3         | 4       | 4           | -         | 3                     | 4          | M         | S-U       | SF       | L          | Pi                | 3              | 3                         | 5           | 3                     | 5                         | -       | 3                    | 5       | 5        | -                  | 3           | G07G73 <i>NEW</i> |
| G07V88            | 3                         | 3              | 5             | 3              | 2       | 3          | 5         | 2       | 5           | -         | 3                     | 3          | F         | U         | SF       | M          | Pi                | 5              | 3                         | 3           | 4                     | 3                         | 5       | 4                    | -       | 5        | 4                  | -           | G07V88            |

Flex hybrids adjust to growing conditions by changing ear length or kernel depth. Determinate/Fixed hybrids are less able to adjust ear size. Plant Population is considered more important for a determinate-ear hybrid than for a flex-ear hybrid.

Note: Disease and Insect Ratings

Ratings are not absolute; environmental conditions and certain cultural practices, such as continuous corn, play a critical role in disease development and insect infestation, which can, in turn, predispose plants to secondary disease such as stalk and ear rots. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure.

Ratings are based on interpretation of statistically analyzed results of studies conducted by Syngenta.



**Rating Scale**  
1 = Best  
9 = Worst  
- = Not Available

**Test Weight**  
1 = High  
9 = Low

**Plant Height**  
1 = Tall  
9 = Short

**Ear Height**  
1 = High  
9 = Low

**Root Type**  
P = Penetrating  
M = Modified  
F = Fibrous

**Leaf Type**  
U = Upright  
S-U = Semi-Upright  
P = Pendulum

**Ear Flex**  
F = Flex  
SF = Semi-Flex  
SD = Semi-Determinate  
D = Determinate

**Husk Cover**  
S = Short  
M = Medium  
L = Long

**Cob Color**  
R = Red  
Pi = Pink  
W = White

**Disease Tolerance**  
1 = High  
9 = Low  
- = Not Available

**Drought**  
Agrisure Artesian  
water-optimized hybrid



# CORN CHARACTERISTICS

| PRODUCT                      | TRAIT OFFERS   |  |                                      |                                |                | MATURITY INFORMATION   |              |                     |
|------------------------------|--|--|--------------------------------------|--------------------------------|----------------|------------------------|--------------|---------------------|
|                              | Above/Below-Ground Insect Protection with E-Z Refuge | Above-Ground Insect Protection with E-Z Refuge | Above/Below-Ground Insect Protection | Above-Ground Insect Protection | No Insect      | Relative Maturity (RM) | GDUs to Silk | GDUs to Black Layer |
| Golden Harvest Hybrid Series | Agrisure Duracade                                    | Agrisure 3120                                  | Agrisure 3000GT                      | Agrisure Viptera 3110          | Agrisure GT    |                        |              |                     |
|                              | Agrisure 3122  | Agrisure Viptera                               | Agrisure Viptera 3111                |                                | Agrisure GT/LL |                        |              |                     |
| G08D29                       | 5122A  | 3120A  |                                      |                                |                | 108                    | 1405         | 2560                |
| G08M20                       | 5122   | 3120   |                                      |                                |                | 108                    | 1365         | 2575                |
| G08R52                       |  | 3220   |                                      |                                |                | 108                    | 1370         | 2580                |
| G07B39                       |  |  | 3111A                                |                                |                | 109                    | 1375         | 2570                |
| G09A86                       |  | 3330   |                                      |                                | GT/LL          | 109                    | 1385         | 2580                |
| G09T26 <i>NEW</i>            |  | 3120 <i>NEW</i>                                |                                      |                                |                | 109                    | 1420         | 2620                |
| G09Y24                       | 5222A  | 3220A  |                                      |                                |                | 109                    | 1420         | 2570                |
| G10C45                       | 5122   |  |                                      |                                |                | 110                    | 1405         | 2570                |
| G10D21                       | 5332 <i>NEW</i>                                      | 3330   |                                      |                                |                | 110                    | 1410         | 2570                |
| G10K03                       |  | 3220   |                                      |                                |                | 110                    | 1440         | 2625                |
| G10L16                       | 5222A  | 3220A  |                                      |                                | Conv.-A        | 110                    | 1395         | 2620                |
| G10S30                       | 5222   |  |                                      |                                |                | 110                    | 1405         | 2570                |
| G11B63                       |  | 3120A  |                                      |                                | GTA/LL         | 111                    | 1425         | 2570                |
| G11V76                       | 5122   | 3120   |                                      |                                |                | 111                    | 1430         | 2600                |
| G12S75                       | 5122   |  |                                      |                                |                | 112                    | 1430         | 2630                |
| G12U17                       | 5122   | 3120   |                                      |                                |                | 112                    | 1425         | 2620                |
| G13D55 <i>NEW</i>            |  | 3220 <i>NEW</i>                                |                                      |                                |                | 113                    | 1420         | 2630                |
| G13E90                       |  |  | 3111                                 |                                |                | 113                    | 1405         | 2630                |
| G13H15                       | 5122   | 3120   |                                      |                                |                | 113                    | 1420         | 2640                |
| G13M88                       |  |  |                                      | 3110                           |                | 113                    | 1430         | 2680                |
| G13N18                       |  |  | 3111                                 |                                |                | 113                    | 1415         | 2630                |
| G13P84 <i>NEW</i>            |  | 3120 <i>NEW</i>                                |                                      |                                |                | 113                    | 1450         | 2700                |
| G13T41                       | 5122   | 3120   |                                      |                                |                | 113                    | 1435         | 2605                |
| G13Z50                       | 5222   | 3220   |                                      |                                |                | 113                    | 1435         | 2650                |
| G14K50                       |  | 3220   |                                      |                                |                | 114                    | 1455         | 2640                |
| G14N11                       | 5222   |  |                                      |                                |                | 114                    | 1425         | 2660                |
| G14R38                       | 3122   | 3120   |                                      |                                | GT, Conv.      | 114                    | 1435         | 2630                |
| G15J91                       |  | 3220   |                                      |                                |                | 115                    | 1455         | 2665                |
| G15L32                       | 5222   | 3330   |                                      |                                |                | 115                    | 1455         | 2645                |
| G16K01                       |  |  | 3111                                 |                                | GT             | 116                    | 1465         | 2690                |
| G16Q82 <i>NEW</i>            | 5222A <i>NEW</i>                                     | 3120A <i>NEW</i>                               |                                      |                                |                | 116                    | 1440         | 2700                |
| G17E95 <i>NEW</i>            |  |  |                                      | 3110 <i>NEW</i>                |                | 117                    | 1465         | 2650                |
| G18D87                       |  |  | 3111                                 |                                |                | 118                    | 1480         | 2700                |
| G18H82                       |  |  | 3111                                 |                                |                | 118                    | 1495         | 2690                |

| AGRONOMIC CHARACTERISTICS |                |               |                |         |            |           |         |             |           |              |            |           | PLANT CHARACTERISTICS |          |            |           |                |                           | DISEASE TOLERANCE |                       |                           |         |                      |          |                    |             |               |                              | PRODUCT |
|---------------------------|----------------|---------------|----------------|---------|------------|-----------|---------|-------------|-----------|--------------|------------|-----------|-----------------------|----------|------------|-----------|----------------|---------------------------|-------------------|-----------------------|---------------------------|---------|----------------------|----------|--------------------|-------------|---------------|------------------------------|---------|
| Emergence                 | Seedling Vigor | Root Strength | Stalk Strength | Drought | Green Snap | Staygreen | Drydown | Test Weight | Blunt Ear | Plant Height | Ear Height | Root Type | Leaf Type             | Ear Flex | Husk Cover | Cob Color | Gray Leaf Spot | Northern Corn Leaf Blight | Goss's Wilt       | Bacterial Leaf Streak | Southern Corn Leaf Blight | Eyespot | Anthraxose Stalk Rot | Tar Spot | Fusarium Crown Rot | Common Rust | Southern Rust | Golden Harvest Hybrid Series |         |
| 2                         | 3              | 3             | 3              | 1       | 2          | 5         | 4       | 4           | -         | 4            | 5          | M         | S-U                   | SF       | M          | Pi        | 4              | 2                         | 3                 | 2                     | 6                         | 4       | -                    | 4        | 4                  | 4           | 5             | G08D29                       |         |
| 3                         | 3              | 3             | 3              | 3       | 5          | 5         | 4       | 3           | -         | 5            | 5          | M         | S-U                   | SF       | L          | R         | 3              | 3                         | 4                 | 4                     | 4                         | 4       | -                    | 6        | 5                  | 7           | 5             | G08M20                       |         |
| 3                         | 3              | 2             | 2              | 2       | 4          | 4         | 4       | 4           | -         | 5            | 5          | M         | U                     | SF       | M          | R         | 5              | 3                         | 4                 | 4                     | 5                         | -       | -                    | -        | 5                  | -           | -             | G08R52                       |         |
| 4                         | 2              | 5             | 4              | 1       | 4          | 4         | 5       | 4           | -         | 3            | 4          | M         | P                     | SF       | M          | Pi        | 5              | 4                         | 4                 | 5                     | 5                         | 3       | 4                    | -        | 4                  | -           | 6             | G07B39                       |         |
| 3                         | 2              | 3             | 2              | 3       | 5          | 4         | 4       | 4           | -         | 3            | 4          | M         | S-U                   | SD       | M          | Pi        | 2              | 5                         | 4                 | 4                     | 4                         | 5       | -                    | 4        | 4                  | 5           | 4             | G09A86                       |         |
| 2                         | 2              | 2             | 2              | 3       | 2          | 5         | 3       | 5           | -         | 6            | 4          | P         | S-U                   | SF       | M          | R         | 4              | 3                         | 4                 | 4                     | 5                         | -       | 5                    | 3        | 4                  | -           | 4             | G09T26 <i>NEW</i>            |         |
| 3                         | 3              | 4             | 4              | 1       | 3          | 5         | 4       | 4           | -         | 5            | 3          | M         | S-U                   | SF       | M          | R         | 5              | 2                         | 4                 | 4                     | 4                         | 3       | -                    | 4        | 5                  | -           | 5             | G09Y24                       |         |
| 4                         | 3              | 2             | 2              | 3       | 5          | 4         | 3       | 3           | -         | 3            | 3          | M         | S-U                   | SF       | M          | R         | 3              | 3                         | 2                 | 3                     | 4                         | 3       | -                    | -        | 5                  | 4           | 6             | G10C45                       |         |
| 3                         | 2              | 3             | 3              | 3       | 5          | 3         | 4       | 4           | -         | 3            | 2          | M         | S-U                   | SD       | S          | Pi        | 2              | 2                         | 3                 | 4                     | -                         | -       | 2                    | 3        | 4                  | 3           | 4             | G10D21                       |         |
| 3                         | 4              | 4             | 4              | 3       | 2          | 2         | 2       | 5           | -         | 3            | 3          | M         | S-U                   | F        | M          | R         | 5              | 3                         | 4                 | 4                     | 5                         | -       | -                    | -        | 3                  | -           | -             | G10K03                       |         |
| 2                         | 3              | 4             | 4              | 1       | 4          | 5         | 2       | 4           | -         | 5            | 6          | M         | S-U                   | SF       | M          | R         | 4              | 6                         | 3                 | 3                     | 4                         | 3       | -                    | -        | 4                  | 7           | 4             | G10L16                       |         |
| 3                         | 3              | 4             | 3              | 4       | 3          | 5         | 4       | 4           | -         | 5            | 4          | M         | S-U                   | F        | M          | Pi        | 6              | 2                         | 4                 | 4                     | 4                         | 2       | -                    | -        | 4                  | -           | 4             | G10S30                       |         |
| 4                         | 4              | 3             | 4              | 1       | 3          | 2         | 3       | 3           | -         | 3            | 3          | F         | U                     | F        | L          | Pi        | 4              | 4                         | 3                 | 3                     | 5                         | 3       | -                    | -        | 6                  | -           | 5             | G11B63                       |         |
| 3                         | 3              | 2             | 3              | 2       | 3          | 4         | 3       | 2           | -         | 4            | 6          | F         | U                     | SF       | L          | Pi        | 4              | 3                         | 6                 | 4                     | 6                         | -       | 3                    | 3        | 3                  | 7           | 4             | G11V76                       |         |
| 3                         | 2              | 3             | 2              | 3       | 5          | 2         | 4       | 4           | -         | 2            | 4          | M         | U                     | SF       | M          | R         | 3              | 3                         | 3                 | 4                     | 6                         | -       | 3                    | 2        | 3                  | 7           | 4             | G12S75                       |         |
| 3                         | 3              | 4             | 2              | 4       | 2          | 2         | 2       | 4           | -         | 3            | 3          | M         | S-U                   | SF       | M          | R         | 4              | 3                         | 5                 | 3                     | 5                         | -       | -                    | -        | 2                  | -           | -             | G12U17                       |         |
| 4                         | 4              | 3             | 2              | 3       | 2          | 2         | 4       | 2           | -         | 3            | 3          | M         | S-U                   | SF       | M          | Pi        | 3              | 3                         | 3                 | 2                     | 3                         | -       | 5                    | 3        | 4                  | -           | 3             | G13D55 <i>NEW</i>            |         |
| 3                         | 3              | 4             | 4              | 2       | 5          | 3         | 3       | 4           | -         | 3            | 3          | F         | S-U                   | F        | M          | Pi        | 6              | 3                         | 3                 | -                     | 3                         | -       | -                    | -        | 4                  | -           | -             | G13E90                       |         |
| 3                         | 4              | 3             | 2              | 2       | 3          | 3         | 3       | 4           | -         | 3            | 3          | M         | U                     | SD       | M          | R         | 3              | 4                         | 3                 | 4                     | 5                         | -       | -                    | -        | 2                  | -           | -             | G13H15                       |         |
| 3                         | 3              | 2             | 3              | 4       | 3          | 3         | 2       | 4           | -         | 5            | 4          | M         | S-U                   | SD       | M          | R         | 3              | 3                         | 3                 | 4                     | 3                         | 5       | -                    | -        | 3                  | 4           | 4             | G13M88                       |         |
| 3                         | 4              | 5             | 4              | 3       | 4          | 5         | 3       | 6           | -         | 4            | 5          | F         | S-U                   | F        | M          | W         | 6              | 4                         | 4                 | 5                     | 2                         | 6       | 4                    | -        | 4                  | 3           | 6             | G13N18                       |         |
| 3                         | 3              | 2             | 3              | 2       | 4          | 3         | 3       | 2           | -         | 5            | 5          | M         | U                     | SD       | M          | R         | 4              | 2                         | 2                 | 3                     | 3                         | -       | 5                    | 4        | 4                  | -           | 2             | G13P84 <i>NEW</i>            |         |
| 4                         | 3              | 2             | 2              | 2       | 2          | 2         | 3       | 3           | -         | 4            | 5          | M         | S-U                   | SF       | L          | R         | 4              | 2                         | 5                 | 3                     | 4                         | 2       | -                    | -        | 4                  | 2           | 4             | G13T41                       |         |
| 2                         | 2              | 2             | 4              | 3       | 3          | 3         | 2       | 4           | -         | 4            | 4          | M         | S-U                   | SD       | M          | R         | 4              | 3                         | 3                 | 3                     | 4                         | 4       | -                    | -        | 4                  | 7           | 5             | G13Z50                       |         |
| 4                         | 4              | 5             | 2              | 2       | 4          | 3         | 3       | 6           | -         | 4            | 4          | F         | P                     | F        | L          | Pi        | 6              | 3                         | 2                 | -                     | 3                         | 5       | 4                    | -        | 4                  | -           | -             | G14K50                       |         |
| 2                         | 2              | 2             | 4              | 3       | 2          | 3         | 3       | 5           | -         | 3            | 2          | M         | U                     | SF       | M          | Pi        | 5              | 5                         | 4                 | 5                     | 4                         | 3       | -                    | -        | 4                  | 7           | 5             | G14N11                       |         |
| 3                         | 3              | 2             | 3              | 3       | 3          | 4         | 3       | 3           | -         | 3            | 2          | M         | U                     | SD       | M          | R         | 5              | 4                         | 4                 | 4                     | 4                         | 3       | 4                    | -        | 3                  | 3           | 4             | G14R38                       |         |
| 4                         | 4              | 2             | 3              | 3       | 3          | 4         | 4       | 3           | -         | 3            | 5          | M         | U                     | SF       | L          | W         | 4              | 2                         | 4                 | 3                     | 3                         | -       | 2                    | 2        | 4                  | 7           | 4             | G15J91                       |         |
| 2                         | 3              | 3             | 4              | 4       | 3          | 2         | 4       | 2           | -         | 4            | 5          | M         | S-U                   | SF       | L          | R         | 3              | 4                         | 4                 | 3                     | 3                         | 3       | -                    | -        | 4                  | 7           | 5             | G15L32                       |         |
| 4                         | 3              | 5             | 3              | 2       | 3          | 3         | 2       | 4           | -         | 4            | 4          | M         | P                     | F        | M          | Pi        | 5              | 4                         | 3                 | 4                     | 3                         | 5       | 3                    | -        | 4                  | 6           | 5             | G16K01                       |         |
| 3                         | 3              | 2             | 2              | 1       | 4          | 3         | 4       | 3           | -         | 3            | 3          | M         | S-U                   | SF       | L          | R         | 3              | 3                         | 3                 | 4                     | 3                         | -       | 4                    | 5        | 3                  | -           | 3             | G16Q82 <i>NEW</i>            |         |
| 3                         | 4              | 3             | 2              | 5       | 3          | 3         | 3       | 2           | -         | 2            | 3          | F         | S-U                   | SF       | L          | R         | 3              | 4                         | 2                 | -                     | 4                         | -       | -                    | -        | 2                  | 4           | 3             | G17E95 <i>NEW</i>            |         |
| 4                         | 4              | 4             | 3              | 3       | 3          | 2         | 3       | 2           | -         | 2            | 3          | M         | S-U                   | SF       | L          | R         | 3              | 3                         | 4                 | 3                     | 3                         | 5       | -                    | -        | 4                  | 3           | 3             | G18D87                       |         |
| 4                         | 4              | 4             | 3              | 4       | 5          | 5         | 3       | 3           | -         | 2            | 3          | M         | S-U                   | SF       | M          | W         | 6              | 7                         | 5                 | -                     | 5                         | -       | 3                    | -        | -                  | -           | -             | G18H82                       |         |

Flex hybrids adjust to growing conditions by changing ear length or kernel depth. Determinate/Fixed hybrids are less able to adjust ear size. Plant Population is considered more important for a determinate-ear hybrid than for a flex-ear hybrid.

Note: Disease and Insect Ratings

Ratings are not absolute; environmental conditions and certain cultural practices, such as continuous corn, play a critical role in disease development and insect infestation, which can, in turn, predispose plants to secondary disease such as stalk and ear rots. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure.

Ratings are based on interpretation of statistically analyzed results of studies conducted by Syngenta.

### Rating Scale

1 = Best  
9 = Worst  
- = Not Available

### Test Weight

1 = High  
9 = Low

### Plant Height

1 = Tall  
9 = Short

### Ear Height

1 = High  
9 = Low

### Root Type

P = Penetrating  
M = Modified  
F = Fibrous

### Leaf Type

U = Upright  
S-U = Semi-Upright  
P = Pendulum

### Ear Flex

F = Flex  
SF = Semi-Flex  
SD = Semi-Determinate  
D = Determinate

### Husk Cover

S = Short  
M = Medium  
L = Long

### Cob Color

R = Red  
Pi = Pink  
W = White

### Disease Tolerance

1 = High  
9 = Low  
- = Not Available

### Drought

Agrisure Artesian  
water-optimized hybrid



# CORN AGRONOMIC MANAGEMENT

| PRODUCT    | AGRONOMIC MANAGEMENT AND PLACEMENT TRAITS |                        |                       |        |        |        |        |               |  |                 |               |         |                   |          | END-USE TRAITS |         |     |                   |
|------------|---|------------------------|-----------------------|--------|--------|--------|--------|---------------|--|-----------------|---------------|---------|-------------------|----------|----------------|---------|-----|-------------------|
|            | Golden Harvest Hybrid Series              | Relative Maturity (RM) | Seeding Rate (x1000k) |        |        |        |        |               | Adaptation to Soil Types/ Yield Environments |                 |               |         |                   |          | Starch         | Protein | Oil | Beef Feed-to-Gain |
|            |   |                        | 120 bu                | 160 bu | 200 bu | 240 bu | 280 bu | Root Strength | Stalk Strength                               | Continuous Corn | Drought Prone | High pH | Highly Productive | Variable |                |         |     |                   |
| G78C29     | 78  | 26.0                   | 33.0                  | 37.5   | 41.0   | 44.0   | 4      | 2             | B  | G               | G             | B       | G                 | B        | B              | F       | G   | G                 |
| G80Q01     | 80  | 26.0                   | 29.5                  | 30.5   | 32.0   | 33.0   | 2      | 3             | G  | B               | G             | G       | B                 | G        | B              | G       | G   | F                 |
| G82M47     | 82  | 26.0                   | 33.0                  | 37.5   | 41.0   | 44.0   | 2      | 4             | G  | F               | G             | B       | F                 | G        | B              | P       | F   | G                 |
| G85Z56     | 85  | 24.5                   | 31.5                  | 34.0   | 36.5   | 38.5   | 4      | 3             | B  | B               | F             | B       | B                 | B        | G              | G       | F   | B                 |
| G84J92     | 86  | 26.0                   | 33.0                  | 37.5   | 41.0   | 44.0   | 3      | 2             | G  | B               | F             | B       | B                 | B        | B              | F       | F   | G                 |
| G88F37     | 88  | 22.0                   | 28.0                  | 32.0   | 35.0   | 37.0   | 3      | 4             | F  | B               | F             | B       | B                 | F        | G              | G       | F   | B                 |
| G90S99 NEW | 90  | 22.0                   | 28.0                  | 32.0   | 35.0   | 37.0   | 4      | 3             | G  | B               | F             | B       | B                 | G        | G              | B       | F   | B                 |
| G91V51     | 91  | 26.0                   | 33.0                  | 36.0   | 37.0   | 38.5   | 5      | 4             | F  | B               | P             | B       | B                 | G        | G              | F       | G   | B                 |
| G90Y04     | 92  | 26.0                   | 32.5                  | 34.0   | 35.5   | 37.0   | 4      | 2             | B  | B               | G             | B       | B                 | G        | B              | G       | F   | G                 |
| G94P48     | 94  | 26.0                   | 33.0                  | 35.0   | 36.0   | 36.5   | 3      | 3             | G  | B               | G             | G       | B                 | B        | F              | B       | B   | G                 |
| G95D32     | 95  | 26.0                   | 31.0                  | 34.0   | 36.5   | 39.5   | 3      | 2             | G  | B               | G             | B       | B                 | B        | B              | F       | F   | G                 |
| G95M41     | 95  | 26.0                   | 33.0                  | 35.5   | 37.5   | 39.5   | 2      | 3             | F  | F               | G             | B       | G                 | G        | B              | F       | F   | G                 |
| G96R61     | 96  | 26.0                   | 33.0                  | 37.5   | 40.5   | 43.5   | 3      | 2             | G  | B               | F             | G       | G                 | B        | G              | B       | F   | F                 |
| G97N86     | 97  | 26.0                   | 31.0                  | 34.0   | 37.0   | 40.0   | 4      | 2             | G  | P               | G             | B       | F                 | G        | G              | B       | F   | B                 |
| G98L17     | 98  | 22.0                   | 28.0                  | 32.0   | 35.0   | 37.0   | 4      | 4             | B  | G               | B             | B       | B                 | G        | B              | G       | F   | B                 |
| G98M44 NEW | 98  | 25.5                   | 29.5                  | 33.0   | 36.5   | 40.0   | 4      | 4             | F  | B               | G             | F       | G                 | F        | G              | G       | B   | G                 |
| G99E68     | 99  | 26.0                   | 33.0                  | 36.5   | 39.5   | 42.5   | 2      | 3             | G  | G               | G             | B       | G                 | B        | G              | G       | G   | F                 |
| G00H12     | 100                                       | 24.5                   | 31.5                  | 33.5   | 36.0   | 38.5   | 2      | 4             | G  | G               | B             | B       | B                 | G        | G              | G       | B   | F                 |
| G02K39     | 102                                       | 26.0                   | 30.5                  | 34.5   | 38.5   | 42.5   | 3      | 2             | B  | B               | F             | B       | B                 | B        | G              | B       | B   | B                 |
| G02W74     | 102                                       | 26.0                   | 33.0                  | 34.5   | 35.0   | 35.5   | 2      | 2             | G  | B               | F             | B       | G                 | G        | G              | G       | F   | G                 |
| G03B96 NEW | 103                                       | 19.0                   | 23.0                  | 31.0   | 37.0   | 39.5   | 3      | 4             | G  | F               | G             | G       | G                 | G        | G              | G       | F   | F                 |
| G03C84     | 103                                       | 23.5                   | 27.0                  | 29.5   | 33.5   | 37.0   | 3      | 4             | F  | B               | F             | B       | B                 | F        | G              | F       | B   | G                 |
| G03J49     | 103                                       | 24.5                   | 30.0                  | 30.0   | 32.0   | 33.5   | 4      | 5             | G  | B               | G             | B       | B                 | B        | B              | F       | F   | B                 |
| G03R40     | 103                                       | 22.5                   | 28.5                  | 34.5   | 40.5   | 44.0   | 2      | 2             | B  | G               | G             | B       | G                 | B        | G              | G       | B   | F                 |
| G04G36     | 104                                       | 23.5                   | 28.0                  | 33.0   | 38.0   | 42.5   | 2      | 3             | F  | B               | F             | G       | G                 | G        | G              | F       | G   | B                 |
| G04S19     | 104                                       | 22.0                   | 28.0                  | 32.0   | 35.0   | 37.0   | 4      | 3             | G  | G               | P             | B       | B                 | F        | G              | F       | F   | B                 |
| G05K08     | 105                                       | 22.5                   | 27.0                  | 30.0   | 34.5   | 39.0   | 4      | 3             | G  | B               | G             | B       | B                 | G        | G              | G       | B   | B                 |
| G06K93     | 106                                       | 19.0                   | 24.0                  | 30.0   | 41.0   | 44.0   | 3      | 3             | G  | B               | G             | F       | B                 | F        | B              | F       | B   | G                 |
| G06Q68     | 106                                       | 26.0                   | 33.0                  | 35.5   | 38.0   | 40.0   | 3      | 3             | B  | B               | F             | B       | B                 | G        | B              | F       | F   | G                 |
| G07F23     | 107                                       | 24.0                   | 28.0                  | 32.0   | 36.0   | 40.0   | 3      | 2             | G  | B               | P             | B       | B                 | G        | G              | F       | B   | B                 |
| G07G73 NEW | 107                                       | 22.0                   | 28.0                  | 32.0   | 35.0   | 37.0   | 3      | 3             | G  | B               | G             | B       | G                 | G        | G              | F       | B   | G                 |
| G07V88     | 107                                       | 21.0                   | 27.0                  | 31.0   | 37.0   | 39.5   | 5      | 3             | G  | B               | F             | B       | B                 | P        | B              | G       | B   | B                 |
| G08D29     | 108                                       | 22.5                   | 26.5                  | 30.5   | 35.0   | 39.0   | 3      | 3             | B  | B               | F             | B       | B                 | G        | G              | F       | B   | G                 |

**Rating Scale**  
1 = Best  
9 = Worst  
- = Not available

**Score Interpretation**  
B = Best  
G = Good  
F = Fair  
P = Poor  
- = Not Available

**Drought**  
Agrisure Artesian  
water-optimized hybrid

Agronomy ratings are based on statistically analyzed results of studies conducted by Syngenta and are relative to other hybrids within the same maturity group.

| PRODUCT    | AGRONOMIC MANAGEMENT AND PLACEMENT TRAITS |                        |                       |        |        |        |        |               |  |                 |               |         |                   |          | END-USE TRAITS |         |     |                   |
|------------|---|------------------------|-----------------------|--------|--------|--------|--------|---------------|--|-----------------|---------------|---------|-------------------|----------|----------------|---------|-----|-------------------|
|            | Golden Harvest Hybrid Series              | Relative Maturity (RM) | Seeding Rate (x1000k) |        |        |        |        |               | Adaptation to Soil Types/ Yield Environments |                 |               |         |                   |          | Starch         | Protein | Oil | Beef Feed-to-Gain |
|            |   |                        | 120 bu                | 160 bu | 200 bu | 240 bu | 280 bu | Root Strength | Stalk Strength                               | Continuous Corn | Drought Prone | High pH | Highly Productive | Variable |                |         |     |                   |
| G08M20     | 108                                       | 22.0                   | 28.0                  | 32.0   | 35.0   | 37.0   | 3      | 3             | G  | G               | G             | B       | B                 | F        | B              | F       | B   | B                 |
| G08R52     | 108                                       | 24.5                   | 30.0                  | 35.5   | 41.0   | 44.0   | 2      | 2             | G  | B               | F             | F       | G                 | G        | B              | G       | P   | G                 |
| G07B39     | 109                                       | 24.5                   | 31.5                  | 34.0   | 37.0   | 39.5   | 5      | 4             | G  | B               | F             | G       | B                 | F        | G              | F       | B   | G                 |
| G09A86     | 109                                       | 26.0                   | 33.0                  | 37.5   | 41.0   | 43.5   | 3      | 2             | G  | G               | F             | B       | B                 | B        | G              | G       | G   | B                 |
| G09T26 NEW | 109                                       | 25.5                   | 30.0                  | 34.5   | 39.0   | 43.5   | 2      | 2             | G  | F               | F             | B       | G                 | G        | G              | F       | B   | B                 |
| G09Y24     | 109                                       | 23.0                   | 27.0                  | 29.5   | 34.0   | 38.0   | 4      | 4             | F  | B               | P             | B       | B                 | G        | G              | G       | B   | F                 |
| G10C45     | 110                                       | 19.0                   | 24.0                  | 31.5   | 41.0   | 44.0   | 2      | 2             | G  | G               | B             | B       | G                 | F        | G              | G       | F   | G                 |
| G10D21     | 110                                       | 26.0                   | 33.0                  | 37.0   | 41.0   | 44.0   | 3      | 3             | G  | F               | F             | G       | G                 | G        | G              | G       | G   | G                 |
| G10K03     | 110                                       | 19.0                   | 24.0                  | 28.0   | 33.0   | 38.0   | 4      | 4             | G  | G               | G             | B       | G                 | F        | G              | F       | B   | G                 |
| G10L16     | 110                                       | 22.0                   | 26.5                  | 29.5   | 34.0   | 38.5   | 4      | 4             | B  | B               | F             | B       | G                 | G        | G              | F       | G   | G                 |
| G10S30     | 110                                       | 22.0                   | 28.0                  | 32.0   | 35.0   | 37.0   | 4      | 3             | F  | G               | G             | B       | B                 | G        | F              | F       | B   | G                 |
| G11B63     | 111                                       | 19.0                   | 23.0                  | 27.5   | 34.0   | 39.5   | 3      | 4             | G  | B               | G             | G       | F                 | P        | B              | G       | F   | B                 |
| G11V76     | 111                                       | 19.5                   | 24.5                  | 29.0   | 33.5   | 38.0   | 2      | 3             | G  | G               | G             | G       | G                 | G        | G              | G       | F   | G                 |
| G12S75     | 112                                       | 26.0                   | 30.0                  | 33.0   | 36.0   | 39.5   | 3      | 2             | B  | F               | F             | B       | B                 | B        | G              | G       | F   | G                 |
| G12U17     | 112                                       | 25.5                   | 28.0                  | 31.0   | 33.5   | 36.5   | 4      | 2             | F  | F               | G             | B       | G                 | B        | B              | F       | G   | G                 |
| G13D55 NEW | 113                                       | 20.0                   | 25.5                  | 31.5   | 37.0   | 42.5   | 3      | 2             | G  | G               | G             | G       | F                 | G        | -              | -       | -   | -                 |
| G13E90     | 113                                       | 22.0                   | 25.0                  | 28.5   | 31.5   | 35.0   | 4      | 4             | B  | B               | G             | B       | B                 | F        | G              | F       | F   | G                 |
| G13H15     | 113                                       | 26.0                   | 33.0                  | 35.0   | 36.5   | 38.5   | 3      | 2             | G  | G               | F             | B       | B                 | B        | G              | G       | B   | G                 |
| G13M88     | 113                                       | 26.0                   | 33.0                  | 36.0   | 37.5   | 39.0   | 2      | 3             | G  | G               | G             | B       | G                 | G        | F              | B       | B   | G                 |
| G13N18     | 113                                       | 26.0                   | 29.5                  | 30.0   | 31.0   | 31.5   | 5      | 4             | B  | G               | G             | B       | G                 | F        | F              | G       | F   | B                 |
| G13P84 NEW | 113                                       | 26.0                   | 32.5                  | 34.0   | 35.5   | 36.5   | 2      | 3             | G  | F               | P             | G       | G                 | G        | G              | G       | G   | G                 |
| G13T41     | 113                                       | 20.0                   | 26.0                  | 32.0   | 38.0   | 44.0   | 2      | 2             | B  | B               | P             | B       | B                 | B        | G              | F       | B   | G                 |
| G13Z50     | 113                                       | 22.0                   | 28.0                  | 32.0   | 35.0   | 37.0   | 2      | 4             | G  | G               | G             | B       | B                 | B        | G              | F       | F   | B                 |
| G14K50     | 114                                       | 26.0                   | 28.0                  | 31.0   | 32.5   | 34.0   | 5      | 2             | G  | B               | F             | B       | B                 | F        | G              | F       | G   | G                 |
| G14N11     | 114                                       | 26.0                   | 29.5                  | 33.0   | 36.5   | 40.0   | 2      | 4             | B  | G               | G             | B       | G                 | B        | B              | F       | F   | B                 |
| G14R38     | 114                                       | 22.0                   | 28.0                  | 32.0   | 35.0   | 37.0   | 2      | 3             | B  | G               | F             | B       | B                 | B        | G              | F       | G   | B                 |
| G15J91     | 115                                       | 26.0                   | 29.0                  | 32.0   | 35.0   | 38.5   | 2      | 3             | F  | G               | G             | B       | B                 | B        | G              | G       | G   | G                 |
| G15L32     | 115                                       | 19.0                   | 24.0                  | 29.5   | 35.5   | 41.5   | 3      | 4             | G  | G               | B             | B       | G                 | G        | B              | F       | G   | B                 |
| G16K01     | 116                                       | 26.0                   | 33.0                  | 34.5   | 31.5   | 31.5   | 5      | 3             | G  | B               | P             | B       | B                 | F        | G              | F       | G   | G                 |
| G16Q82 NEW | 116                                       | 22.0                   | 26.0                  | 29.5   | 33.0   | 36.5   | 2      | 2             | G  | B               | G             | B       | B                 | B        | G              | G       | F   | F                 |
| G17E95 NEW | 117                                       | 22.0                   | 28.0                  | 32.0   | 35.0   | 37.0   | 3      | 2             | G  | F               | F             | B       | G                 | G        | F              | G       | G   | F                 |
| G18D87     | 118                                       | 26.0                   | 32.5                  | 34.5   | 36.0   | 38.0   | 4      | 3             | B  | G               | G             | B       | G                 | G        | G              | B       | F   | F                 |
| G18H82     | 118                                       | 19.0                   | 23.0                  | 24.5   | 35.5   | 39.5   | 4      | 3             | G  | G               | G             | B       | G                 | F        | B              | G       | F   | F                 |

**Rating Scale**  
1 = Best  
9 = Worst  
- = Not available

**Score Interpretation**  
B = Best  
G = Good  
F = Fair  
P = Poor  
- = Not Available

**Drought**  
Agrisure Artesian  
water-optimized hybrid

Agronomy ratings are based on statistically analyzed results of studies conducted by Syngenta and are relative to other hybrids within the same maturity group.

# CORN HYBRIDS

## Hybrid Series

All hybrids within this series were developed from the same base genetics.

This two-digit number is the same as the last two digits of relative maturity.

The next letter and two-digit number are designated to uniquely identify each genetic family.

## Trait versions available in this hybrid series.

- "A" indicates the presence of Agrisure Artesian technology for water optimization in the hybrid.
- **E-Z Refuge® Seed Blend:** Products include integrated in-bag 5% refuge.
- The **dash** separates the genetic and trait portions.
- The **trait** designator aligns with the Agrisure traits nomenclature system.
- **NEW:** Indicates hybrid series or hybrid trait versions new for 2021.

## RM

Specific relative maturity for this hybrid series.

## G91V51

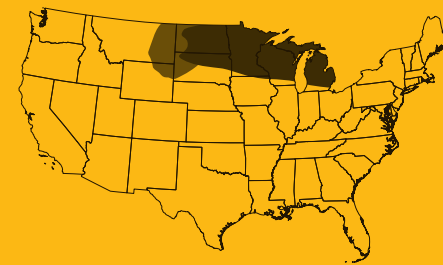
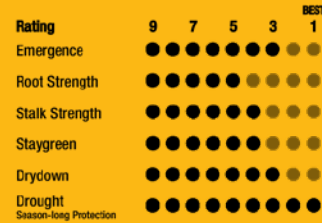
G91V51-5222A E-Z Refuge Brand NEW E092W5-5122A E-Z Refuge Brand NEW  
G91V51-3110A Brand

Agrisure Duracade Agrisure Viptera Agrisure Artesian

RM: 91

### DOMINATING PERFORMANCE WITH AGRISURE ARTESIAN TECHNOLOGY

- Maximizes yield when it rains; increases yield when it doesn't
- Strong emergence and seedling vigor for a fast start
- Broad adaptation across all soils and yield environments



## Map

Primary (and secondary, where applicable) areas of adaptation for this variety series. Areas are suggested; performance may vary.

## G80Q01

G80Q01-3220A E-Z Refuge Brand  
G80Q01-GTA/LL Brand

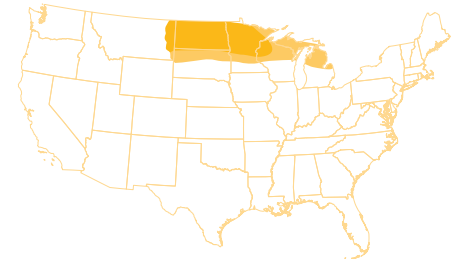
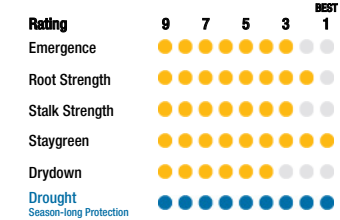
E080Q1-5122A E-Z Refuge Brand

Agrisure Duracade Agrisure Viptera Agrisure Artesian

RM: 80

### CONSISTENT POTENTIAL ACROSS A WIDE RANGE OF YIELD ENVIRONMENTS

- Maximizes yield when it rains, increases yield potential when it doesn't
- Very good root strength
- Excellent test weight



## G90S99

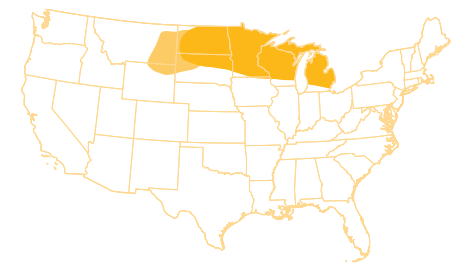
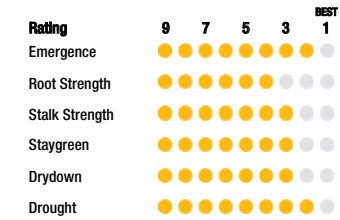
G90S99-5222 E-Z Refuge Brand NEW  
G90S99-3220 E-Z Refuge Brand NEW

Agrisure Duracade Agrisure Viptera

NEW // RM: 90

### TOP-END YIELD POTENTIAL WITH BROAD ADAPTATION

- Great emergence and strong seedling vigor provide a fast start at planting
- Outstanding stress tolerance reduces grower risk
- Strong performance across different soil types allows flexible placement



## G91V51

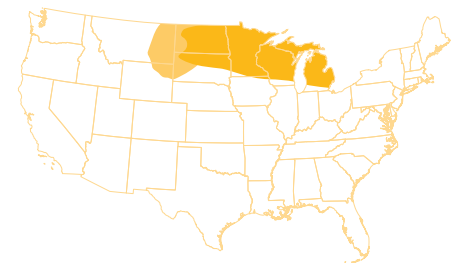
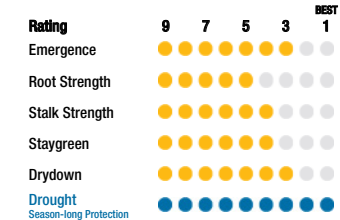
G91V51-5222A E-Z Refuge Brand NEW E092W5-5122A E-Z Refuge Brand NEW  
G91V51-3110A Brand

Agrisure Duracade Agrisure Viptera Agrisure Artesian

RM: 91

### DOMINATING PERFORMANCE WITH AGRISURE ARTESIAN TECHNOLOGY

- Maximizes yield when it rains, increases yield potential when it doesn't
- Strong emergence and seedling vigor for a fast start
- Broad adaptation across all soils and yield environments



## G95D32

G95D32-3220 E-Z Refuge Brand  
G95D32-GT/LL Brand

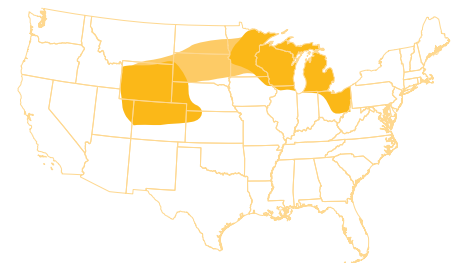
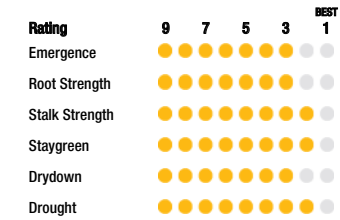
E095D3-5122 E-Z Refuge Brand

Agrisure Duracade Agrisure Viptera

RM: 95

### DIVERSE GENETICS WITH EXCITING YIELD POTENTIAL

- Broad adaptation across yield environments
- Superb stalks for season-long standability
- Solid agronomics for continuous corn acres



# G96R61

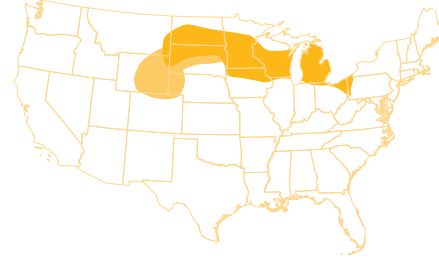
G96R61-5222 E-Z Refuge Brand

Agrisure Duracade Agrisure Viptera **RM: 96**

## DEPENDABLE ROOTS AND STALKS FOR SEASON-LONG STANDABILITY

- Exceptional emergence for a fast start in all environments
- Broad adaptation across soils
- Outstanding grain quality with heavy test weight

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST |
|----------------|-------|-------|-------|-------|-------|------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



# G98M44

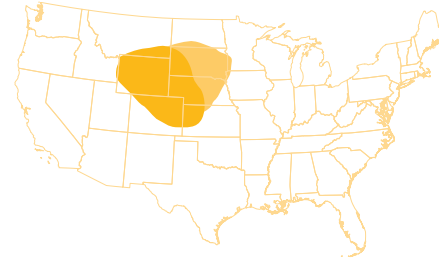
G98M44-5122 E-Z Refuge Brand *NEW*

AgrisureDuracade **NEW // RM: 98**

## HEAT-DRIVEN HYBRID FOR WESTERN DRYLAND ENVIRONMENTS

- Outstanding ear flex for population flexibility
- Sound agronomics paired with very strong drought tolerance
- Excellent test weight and dependable drydown

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST |
|----------------|-------|-------|-------|-------|-------|------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



# G99E68

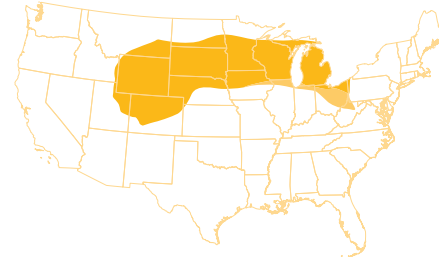
G99E68-5122 E-Z Refuge Brand

AgrisureDuracade **RM: 99**

## TOP-END YIELD POTENTIAL WITH OUTSTANDING ROOTS AND SOLID STALKS

- Broad adaptation across soils
- Excellent late-season plant health for season-long standability
- Exceptional performance in poorly drained soils

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST |
|----------------|-------|-------|-------|-------|-------|------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



# G00H12

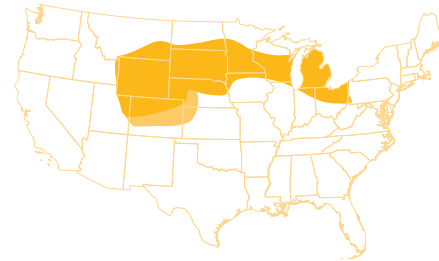
G00H12-5122 E-Z Refuge Brand E100H1-5122 E-Z Refuge Brand

AgrisureDuracade **RM: 100**

## GREAT YIELD STABILITY ACROSS ENVIRONMENTS

- Shorter plant stature with medium ear placement
- Strong drought tolerance
- Solid stalks and roots for season-long standability

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST |
|----------------|-------|-------|-------|-------|-------|------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



# G02K39

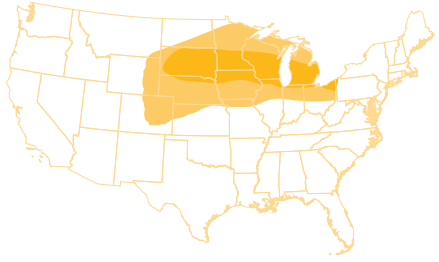
G02K39-5122 E-Z Refuge Brand G02K39-3120 E-Z Refuge Brand

AgrisureDuracade **RM: 102**

## YIELD STABILITY AND PLANT HEALTH FOR CONSISTENT PERFORMANCE

- Broadly adapted across soil types and management objectives
- Excellent plant health and disease package
- Good ear flex provides population flexibility

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST |
|----------------|-------|-------|-------|-------|-------|------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



# G03B96

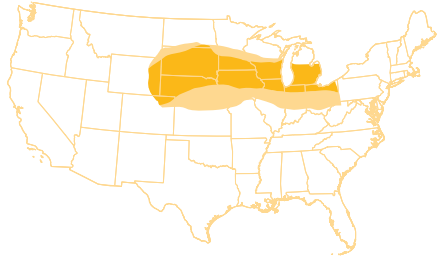
G03B96-5122 E-Z Refuge Brand *NEW*

AgrisureDuracade **NEW // RM: 103**

## DEPENDABLE YIELD POTENTIAL ACROSS VARYING SOIL ENVIRONMENTS

- Distinguishing test weight and grain quality
- Outstanding greensnap tolerance reduces risk
- Positive response to in-season management

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST |
|----------------|-------|-------|-------|-------|-------|------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



# G07G73

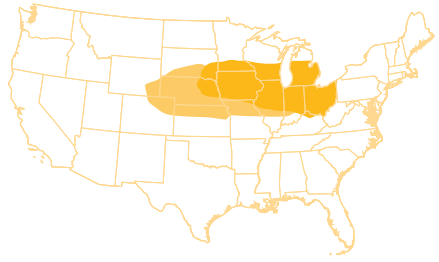
G07G73-5122 E-Z Refuge Brand *NEW* G07G73-3120 E-Z Refuge Brand *NEW*

AgrisureDuracade **NEW // RM: 107**

## EXCELLENT TOP-END YIELD POTENTIAL WITH BROAD ADAPTATION

- Outstanding heat and moisture stress tolerance for improved stability
- Robust plant stature with solid roots and stalks
- Semi-flex ear for variable planting populations

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST |
|----------------|-------|-------|-------|-------|-------|------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



# G08D29

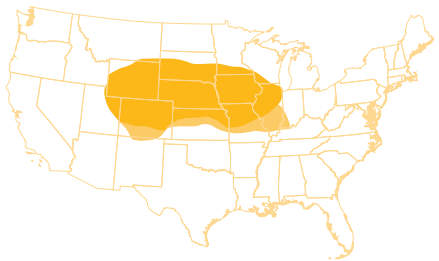
G08D29-5122A E-Z Refuge Brand G08D29-3120A E-Z Refuge Brand

Agrisure Duracade Agrisure Artesian **RM: 108**

## EXCELLENT STALKS AND ROOTS FOR SEASON-LONG STANDABILITY

- Maximizes yield when it rains, increases yield potential when it doesn't
- Excellent emergence
- Performs well under a wide range of populations

| Rating                         | 9     | 7     | 5     | 3     | 1     | BEST |
|--------------------------------|-------|-------|-------|-------|-------|------|
| Emergence                      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Root Strength                  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Stalk Strength                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Staygreen                      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drydown                        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drought Season-long Protection | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



# G09T26

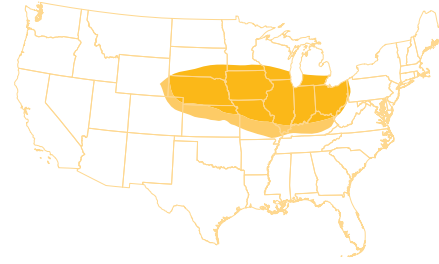
G09T26-3120 E-Z Refuge Brand **NEW**

**NEW // RM: 109**

## OUTSTANDING AGRONOMICS WITH BROAD ADAPTABILITY

- Strongest performance in medium to high yield environments
- Brings a new level of root and stalk strength
- Very strong emergence for early planting

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST  |
|----------------|-------|-------|-------|-------|-------|-------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |



# G10D21

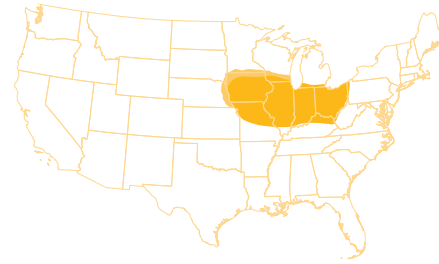
G10D21-5332 E-Z Refuge Brand **NEW**  
G10D21-3330 E-Z Refuge Brand

**Agrisure Duracade** **Agrisure Viptera** **RM: 110**

## TOP-END YIELD POTENTIAL WITH PROVEN ROOTS AND STALKS FOR SEASON-LONG STANDABILITY

- Consistent high yield potential
- Broadly adapted with a great disease package
- Maximize yield potential and performance with higher populations

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST  |
|----------------|-------|-------|-------|-------|-------|-------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |



# G10L16

G10L16-5222A E-Z Refuge Brand  
G10L16-3220A E-Z Refuge Brand

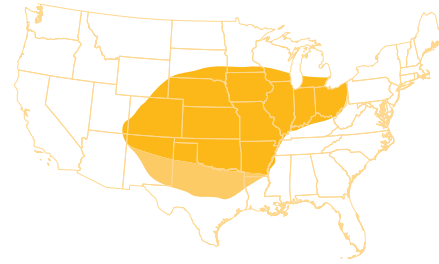
G10L16-A Brand (Conv.)

**Agrisure Duracade** **Agrisure Viptera** **Agrisure Artesian** **RM: 110**

## INDUSTRY-LEADING YIELD POTENTIAL ACROSS ALL ACRES

- Leading drought tolerance powered by Agrisure Artesian Technology
- Moderate plant structure for residue management
- Excellent drydown for an early harvest option

| Rating                         | 9     | 7     | 5     | 3     | 1     | BEST  |
|--------------------------------|-------|-------|-------|-------|-------|-------|
| Emergence                      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Root Strength                  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Stalk Strength                 | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Staygreen                      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drydown                        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drought                        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drought Season-long Protection | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |



# G11V76

G11V76-5122 E-Z Refuge Brand  
G11V76-3120 E-Z Refuge Brand

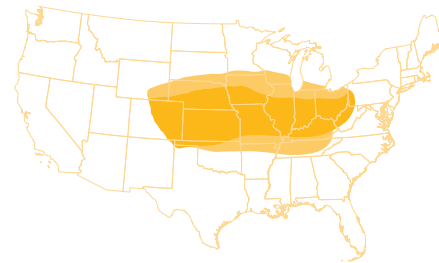
E111V7-5122 E-Z Refuge Brand **NEW**

**Agrisure Duracade** **RM: 111**

## VERSATILITY ACROSS SOIL TYPES COMBINED WITH STRONG DROUGHT TOLERANCE

- Moderate plant type with strong roots aids standability
- Fast drydown and good grain quality
- Dependable emergence in stress environments

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST  |
|----------------|-------|-------|-------|-------|-------|-------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |



# G12S75

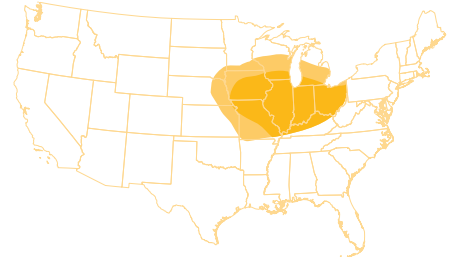
G12S75-5122 E-Z Refuge Brand  
E12S5-5122 E-Z Refuge Brand **NEW**

**Agrisure Duracade** **RM: 112**

## OUTSTANDING STALKS FOR LATE-SEASON STANDABILITY

- Very good staygreen and late-season intactness
- Strong disease tolerance to NCLB and GLS
- Good ear flex provides population flexibility

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST  |
|----------------|-------|-------|-------|-------|-------|-------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |



# G13D55

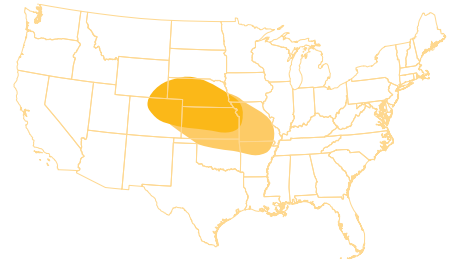
G13D55-3220 E-Z Refuge Brand **NEW**

**Agrisure Viptera** **NEW // RM: 113**

## PROVEN DISEASE PACKAGE TO MAXIMIZE YIELD POTENTIAL

- Excellent ear flex to drive yield potential across populations
- Outstanding grain quality and stalk strength
- Excellent staygreen enhances late season intactness

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST  |
|----------------|-------|-------|-------|-------|-------|-------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |



# G13H15

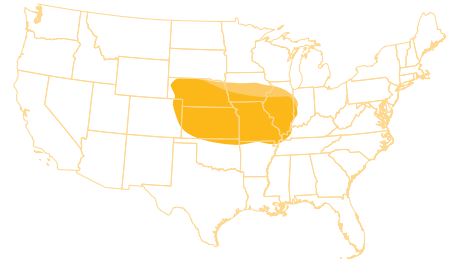
G13H15-5122 E-Z Refuge Brand  
G13H15-3120 E-Z Refuge Brand

**Agrisure Duracade** **RM: 113**

## BROADLY ADAPTED HYBRID FOR EXCELLENT POTENTIAL ACROSS YIELD ENVIRONMENTS

- Very strong stalks for season-long standability
- Outstanding late-season plant health and intactness
- Strong performance under drought conditions

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST  |
|----------------|-------|-------|-------|-------|-------|-------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |



# G13P84

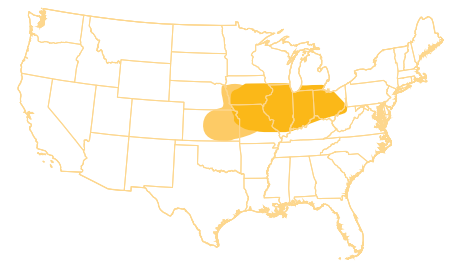
G13P84-3120 E-Z Refuge Brand **NEW**

**NEW // RM: 113**

## OUTSTANDING ROOT STRENGTH WITH PROVEN STALKS FOR SEASON-LONG STANDABILITY

- Solid agronomics with great test weight for the Central and Eastern Corn Belt
- Excellent choice for medium and high yield environments
- Maximum yield potential achieved at higher populations

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST  |
|----------------|-------|-------|-------|-------|-------|-------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |



# G15J91

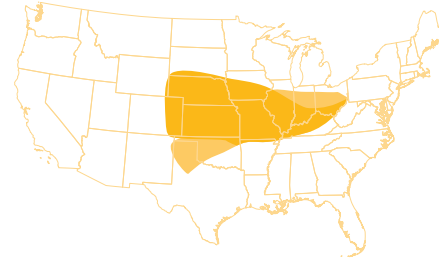
G15J91-3220 E-Z Refuge Brand

Agrisure Viptera RM: 115

## OUTSTANDING ROOTS AND PROVEN STALKS FOR SEASON-LONG STANDABILITY

- Exceptional versatility on a wide range of soil types
- Good ear flex provides population flexibility
- Strong fit for drought-prone environments

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST |
|----------------|-------|-------|-------|-------|-------|------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



# G16K01

G16K01-3111 Brand  
G16K01-GT Brand

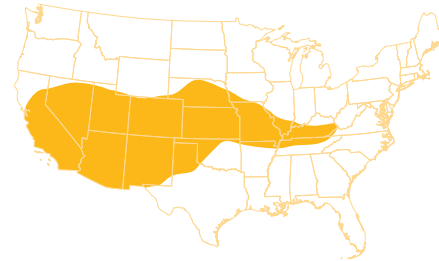
E116K4-3000GT Brand

Agrisure Viptera RM: 116

## BROADLY ADAPTED PRODUCT WITH SUPERIOR YIELD POTENTIAL

- Well adapted to drought-prone soils
- High yield potential in high-disease environments, despite average Gray Leaf Spot resistance
- Stable plant and ear height across rolling stress environments

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST |
|----------------|-------|-------|-------|-------|-------|------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



# G16Q82

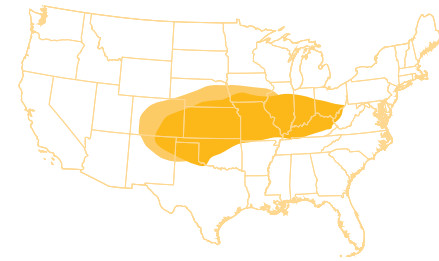
G16Q82-5222A E-Z Refuge Brand NEW  
G16Q82-3120A E-Z Refuge Brand NEW

Agrisure Duracade Agrisure Viptera NEW // RM: 116

## OUTSTANDING COMBINATION OF YIELD AND AGRONOMICS

- Agrisure Artesian corn hybrid with excellent yield stability
- Dependable disease tolerance especially in poorly drained soils
- Superb root and stalk strength provides season-long peace of mind

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST |
|----------------|-------|-------|-------|-------|-------|------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



# G17E95

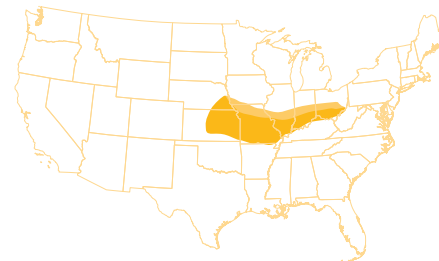
G17E95-3110 Brand NEW

Agrisure Viptera NEW // RM: 117

## STRONG AGRONOMICS AND DIVERSE GENETICS THAT OPTIMIZE PERFORMANCE

- Semi-flex ear type maximizes yield potential across populations
- Dependable root and stalk strength for season-long standability
- Positive response to increased management

| Rating         | 9     | 7     | 5     | 3     | 1     | BEST |
|----------------|-------|-------|-------|-------|-------|------|
| Emergence      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Root Strength  | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Stalk Strength | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Staygreen      | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drydown        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |
| Drought        | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●    |



# CORN SEED TREATMENTS

With novel active ingredients and crop-specific seed treatment recipes across all major crops, our goal is to improve germination, seedling vigor, plant stand and healthy root systems to get your crops off to a great start. We believe new technologies can change the way we grow and protect crops.



Introducing Vayantis® seed treatment, a novel, new mode of Pythium protection.

- > Most robust Pythium activity ever offered; higher intrinsic Pythium activity than any available seed treatment, including ethaboxam or metalaxyl
- > New mode of action; no cross resistance with existing oomycete chemistries
- > Effective against all Pythium species (over 35 species and 420+ isolates tested)
- > Excellent seed safety and compatibility with all other seed treatment products
- > Field performance (2015–2020; 25 locs) improvement by adding Vayantis Corn—Heavy Pythium (significant treatment effect locs)
  - +5.2 bu/A over Base
  - +3.9 bu/A over Acceleron® Standard
  - +2.0 bu/A over INTEG0® Solo (ethaboxam) + Base Corn – Broad Acre
  - +1.6 bu/A over Base



CruiserMaxx Vibrance seed treatment provides powerful protection for corn against early-season insects and seedborne and soilborne diseases, promoting optimal root health, stress tolerance and plant vigor for better emergence.



Avicta® Complete Corn 500 seed treatment offers triple protection against early-season nematodes, insects and disease.



Corn Seed Treatments

# ENOGEN

With proven, potentially high-yielding hybrids across a variety of soil conditions, Enogen corn may help boost the bottom line for producers of livestock (beef and dairy) or grain for ethanol.



Golden Harvest  
Corn with More  
Profit Potential



## Efficiency and Performance in Beef Operations

Enogen corn hybrids in livestock production have been shown to increase feed efficiency by an average of 5% in stocker and finishing cattle, according to feeding trials at the University of Nebraska-Lincoln (UNL) and Kansas State University (KSU).<sup>1</sup>

Enogen corn hybrids improve starch utilization, resulting in more available energy for your herd. Enogen corn hybrids may be harvested as silage, grain or high-moisture corn, allowing for greater flexibility and ease of use with minimized management needs compared to alternative silage-specific hybrids for beef or dairy operations. Farm-proven yields are equal to or better than non-Enogen hybrids.<sup>2,3</sup>



## Efficiency and Performance in Dairy Operations

Enogen corn hybrids increased feed efficiency by about 5%, fed as grain or silage, according to recent feeding trials at leading universities.<sup>4</sup> These farm-proven results demonstrate excellent yield potential with elite genetics and production traits. Enogen Feed corn hybrids also offer ultimate flexibility, with the option to harvest as silage, grain or high-moisture corn. Silage quality and consistency are also shown to improve, making it less prone to spoilage, meaning it may last longer than other silage.

## Ethanol Production

Enogen hybrids offer the first biotech corn output trait designed for ethanol production with advantages that reach far beyond the field. Enogen hybrids feature a unique corn enzyme that is designed to increase potential throughput while reducing natural gas, water and electricity use. These highly desirable traits may command a premium for potentially increased return on investment.

<sup>1</sup>University of Nebraska-Lincoln Research Studies, 2013-2017; Kansas State University Research Study, 2017.

<sup>2</sup>Syngenta production data 2012-2017.

<sup>3</sup>Growers must comply with specific yet simple stewardship requirements.

<sup>4</sup>University of Nebraska-Lincoln Research Studies, 2013-2017; Kansas State University Research Study, 2017, Pennsylvania State University, 2019.

# ENOGEN HYBRID CHARACTERISTICS

# ENOGEN HYBRID AGRONOMIC MANAGEMENT

| PRODUCT    | TRAIT OFFERS* | MATURITY INFORMATION   |              |                     | AGRONOMIC CHARACTERISTICS |                |               |                |         |            |           |         |             |           | PLANT CHARACTERISTICS |            |           |           |          |            | DISEASE TOLERANCE |                |                           |             |                       |                           |         |                       |          |                    |             |               |   |   |   |
|------------|---------------|------------------------|--------------|---------------------|---------------------------|----------------|---------------|----------------|---------|------------|-----------|---------|-------------|-----------|-----------------------|------------|-----------|-----------|----------|------------|-------------------|----------------|---------------------------|-------------|-----------------------|---------------------------|---------|-----------------------|----------|--------------------|-------------|---------------|---|---|---|
|            |               | Relative Maturity (RM) | GDUs to Silk | GDUs to Black Layer | Emergence                 | Seedling Vigor | Root Strength | Stalk Strength | Drought | Green Snap | Staygreen | Drydown | Test Weight | Blunt Ear | Plant Height          | Ear Height | Root Type | Leaf Type | Ear Flex | Husk Cover | Cob Color         | Gray Leaf Spot | Northern Corn Leaf Blight | Goss's Wilt | Bacterial Leaf Streak | Southern Corn Leaf Blight | Eyespot | Anthraxnose Stalk Rot | Tar Spot | Fusarium Crown Rot | Common Rust | Southern Rust |   |   |   |
| E080Q1     | 5122A         | 80                     | 1150         | 1810                | 3                         | 3              | 2             | 3              | 1       | 3          | 1         | 4       | 2           | -         | 5                     | 4          | M         | U         | SF       | M          | R                 | -              | 4                         | 4           | -                     | -                         | 3       | -                     | 3        | -                  | -           | -             | - | - |   |
| E086J9     | 5122A         | 86                     | 1200         | 2140                | 3                         | 3              | 3             | 2              | 1       | 4          | 3         | 4       | 2           | 1         | 3                     | 5          | M         | S-U       | SF       | M          | R                 | -              | 3                         | 4           | -                     | -                         | 3       | 2                     | -        | 2                  | -           | -             | - | - |   |
| E092T4     | 3000GT        | 92                     | 1265         | 2350                | 3                         | 3              | 5             | 4              | 3       | 3          | 3         | 2       | 5           | 3         | 2                     | 2          | F         | P         | F        | M          | R                 | 5              | 3                         | 6           | -                     | -                         | 3       | 4                     | -        | 5                  | 2           | -             | - |   |   |
| E092W5 NEW | 5122A NEW     | 92                     | 1240         | 2300                | 3                         | 3              | 5             | 4              | 1       | 3          | 4         | 3       | 3           | 6         | 3                     | 4          | M         | U         | SF       | M          | R                 | -              | 3                         | 4           | -                     | -                         | 3       | 4                     | 3        | 5                  | -           | -             | - |   |   |
| E095D3     | 5122          | 95                     | 1280         | 2400                | 3                         | 3              | 3             | 2              | 2       | 5          | 2         | 3       | 2           | 1         | 3                     | 4          | F         | S-U       | F        | M          | R                 | 4              | 5                         | 3           | 4                     | -                         | 2       | 3                     | 4        | 3                  | 4           | -             | - |   |   |
| E100H1     | 5122          | 100                    | 1315         | 2420                | 3                         | 3              | 2             | 4              | 2       | 2          | 4         | 3       | 3           | -         | 4                     | 4          | M         | S-U       | SF       | M          | R                 | 3              | 5                         | 5           | 3                     | -                         | 3       | -                     | 2        | 4                  | -           | -             | - |   |   |
| E101P5     | 3011A         | 101                    | 1335         | 2460                | 2                         | 2              | 4             | 2              | 1       | 3          | 2         | 4       | 3           | 1         | 2                     | 3          | P         | U         | SF       | M          | Pi                | 4              | 5                         | 3           | 3                     | -                         | 3       | 3                     | 3        | 2                  | -           | -             | - |   |   |
| E105T1     | 3000GT        | 105                    | 1355         | 2550                | 2                         | 2              | 5             | 2              | 2       | 4          | 2         | 3       | 4           | 2         | 2                     | 3          | M         | U         | SF       | M          | Pi                | 4              | 5                         | 3           | 4                     | 4                         | 4       | 2                     | 3        | 2                  | 3           | -             | - | - |   |
| E106Q6     | 5122          | 106                    | 1355         | 2560                | 3                         | 3              | 3             | 2              | 2       | 3          | 4         | 3       | 5           | -         | 4                     | 5          | M         | U         | SF       | M          | R                 | 5              | 2                         | 4           | 4                     | 3                         | 5       | -                     | 4        | 4                  | -           | -             | - | - |   |
| E107C1 NEW | 5122 NEW      | 107                    | 1400         | 2500                | 3                         | 4              | 2             | 3              | 3       | 5          | 3         | 4       | 3           | -         | 1                     | 4          | M         | S-U       | SF       | M          | Pi                | 3              | 4                         | 5           | 5                     | 3                         | -       | 5                     | 3        | 4                  | -           | -             | - | - |   |
| E108M2     | 5122          | 108                    | 1365         | 2575                | 3                         | 3              | 3             | 3              | 3       | 5          | 5         | 4       | 3           | -         | 5                     | 5          | M         | S-U       | SF       | L          | R                 | 3              | 3                         | 4           | 4                     | 4                         | 4       | -                     | 6        | 5                  | 7           | 5             | - | - |   |
| E109R3     | 3000GT        | 109                    | 1395         | 2570                | 3                         | 2              | 5             | 2              | 2       | 4          | 2         | 4       | 2           | -         | 2                     | 3          | M         | U         | SD       | M          | Pi                | 3              | 3                         | 5           | -                     | 4                         | 6       | 2                     | -        | 2                  | 3           | -             | - | - |   |
| E109Y2     | 5122A         | 109                    | 1420         | 2570                | 3                         | 3              | 4             | 4              | 1       | 3          | 5         | 4       | 4           | -         | 5                     | 3          | M         | S-U       | SF       | M          | R                 | 5              | 2                         | 4           | 4                     | 4                         | 3       | -                     | 4        | 5                  | -           | -             | - | - |   |
| E110F4 NEW | 5122 NEW      | 110                    | 1420         | 2620                | 3                         | 3              | 4             | 4              | 3       | 2          | 4         | 2       | 4           | -         | 4                     | 3          | M         | S-U       | F        | M          | R                 | 4              | 3                         | 3           | 2                     | 4                         | -       | 6                     | 2        | 4                  | -           | -             | - | - |   |
| E111C6     | 5122A         | 111                    | 1425         | 2570                | 4                         | 4              | 3             | 4              | 1       | 3          | 2         | 3       | 3           | -         | 3                     | 3          | F         | U         | F        | L          | Pi                | 4              | 4                         | 3           | 3                     | 5                         | 3       | -                     | -        | 6                  | -           | -             | - | - |   |
| E111V7 NEW | 5122 NEW      | 111                    | 1430         | 2600                | 3                         | 3              | 2             | 3              | 2       | 3          | 4         | 3       | 2           | -         | 4                     | 6          | F         | U         | SF       | L          | Pi                | 4              | 3                         | 6           | 4                     | 6                         | -       | 3                     | 3        | 3                  | 7           | 4             | - | - | - |
| E112S5 NEW | 5122 NEW      | 112                    | 1430         | 2630                | 3                         | 2              | 3             | 2              | 3       | 5          | 2         | 4       | 4           | -         | 2                     | 4          | M         | U         | SF       | M          | R                 | 3              | 3                         | 3           | 4                     | 6                         | -       | 3                     | 2        | 3                  | 7           | 4             | - | - | - |
| E113D3     | 3000GT        | 113                    | 1405         | 2630                | 3                         | 3              | 4             | 4              | 2       | 5          | 3         | 3       | 4           | -         | 3                     | 3          | F         | S-U       | F        | M          | Pi                | 6              | 3                         | 3           | -                     | 3                         | -       | -                     | -        | 4                  | -           | -             | - | - |   |
| E113M8     | 5122          | 113                    | 1430         | 2680                | 3                         | 3              | 2             | 3              | 4       | 3          | 3         | 2       | 4           | -         | 5                     | 4          | M         | S-U       | SD       | M          | R                 | 3              | 3                         | 3           | 4                     | 3                         | 5       | -                     | -        | 3                  | 4           | 4             | - | - |   |
| E113N8     | 3000GT        | 113                    | 1415         | 2630                | 3                         | 4              | 5             | 4              | 3       | 4          | 5         | 3       | 6           | -         | 4                     | 5          | F         | S-U       | F        | M          | W                 | 6              | 4                         | 4           | 5                     | 2                         | 6       | 4                     | -        | 4                  | 3           | 6             | - | - |   |
| E113Z5     | 5122          | 113                    | 1435         | 2650                | 2                         | 2              | 2             | 4              | 3       | 3          | 3         | 2       | 4           | -         | 4                     | 4          | M         | S-U       | SD       | M          | R                 | 4              | 3                         | 3           | 3                     | 4                         | 4       | -                     | -        | 4                  | 7           | 5             | - | - | - |
| E114H6     | 5122A         | 114                    | 1455         | 2660                | 4                         | 4              | 4             | 5              | 1       | 4          | 3         | 3       | 3           | -         | 3                     | 3          | M         | S-U       | SF       | M          | R                 | 3              | 2                         | 3           | -                     | 5                         | 4       | 5                     | -        | 5                  | 2           | 4             | - | - | - |
| E116K4     | 3000GT        | 116                    | 1465         | 2690                | 4                         | 3              | 5             | 3              | 2       | 3          | 3         | 2       | 4           | -         | 4                     | 4          | M         | P         | F        | M          | Pi                | 5              | 4                         | 3           | 4                     | 3                         | 5       | 3                     | -        | 4                  | 6           | 5             | - | - | - |
| E118D8     | 3000GT        | 118                    | 1480         | 2700                | 4                         | 4              | 4             | 3              | 3       | 3          | 2         | 3       | 2           | -         | 2                     | 3          | M         | S-U       | SF       | L          | R                 | 3              | 3                         | 4           | 3                     | 3                         | 5       | -                     | -        | 4                  | 3           | 3             | - | - | - |

|   |  |   |   |  |   |
|---|--|---|---|--|---|
| <b>Rating Scale</b><br>1 = Best<br>9 = Worst<br>- = Not available | <b>Plant Height</b><br>1 = Tall<br>9 = Short | <b>Root Type</b><br>P = Penetrating<br>M = Modified<br>F = Fibrous    | <b>Ear Flex</b><br>F = Flex<br>SF = Semi-Flex<br>SD = Semi-Determinate<br>D = Determinate | <b>Cob Color</b><br>R = Red<br>Pi = Pink<br>W = White                | <b>Drought</b><br>Agrisure Artesian<br>water-optimized hybrid |
| <b>Test Weight</b><br>1 = High<br>9 = Low                         | <b>Ear Height</b><br>1 = High<br>9 = Low     | <b>Leaf Type</b><br>U = Upright<br>S-U = Semi-Upright<br>P = Pendulum | <b>Husk Cover</b><br>S = Short<br>M = Medium<br>L = Long                                  | <b>Disease Tolerance</b><br>1 = High<br>9 = Low<br>- = Not Available |   |

Flex hybrids adjust to growing conditions by changing ear length or kernel depth. Determinate/Fixed hybrids are less able to adjust ear size. Plant Population is considered more important for a determinate-ear hybrid than for a flex-ear hybrid.

Note: Disease and Insect Ratings  
Ratings are not absolute; environmental conditions and certain cultural practices, such as continuous corn, play a critical role in disease development and insect infestation, which can, in turn, predispose plants to secondary disease such as stalk and ear rots. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure.

Ratings are based on interpretation of statistically analyzed results of studies conducted by Syngenta.



| PRODUCT    | Relative Maturity (RM) | Seeding Rate (x1000k) |        |        |        |        |               | Adaptation to Soil Types/Yield Environments |                 |               |         |                   | END-USE TRAITS |                |        |         |     |
|------------|------------------------|-----------------------|--------|--------|--------|--------|---------------|---|-----------------|---------------|---------|-------------------|----------------|----------------|--------|---------|-----|
|            |                        | 120 bu                | 160 bu | 200 bu | 240 bu | 280 bu | Root Strength | Stalk Strength                              | Continuous Corn | Drought Prone | High pH | Highly Productive | Variable       | Poorly Drained | Starch | Protein | Oil |
| E080Q1     | 80                     | 26.0                  | 29.5   | 30.5   | 32.0   | 33.0   | 2             | 3   | G               | B             | G       | G                 | B              | G              | B      | G       | G   |
| E086J9     | 86                     | 26.0                  | 33.0   | 37.5   | 41.0   | 44.0   | 3             | 2   | G               | B             | F       | B                 | B              | B              | B      | F       | F   |
| E092T4     | 92                     | 26.0                  | 30.5   | 28.0   | 29.5   | 31.5   | 5             | 4   | G               | G             | G       | B                 | G              | B              | G      | G       | F   |
| E092W5 NEW | 92                     | 26.0                  | 33.0   | 36.0   | 37.0   | 38.5   | 5             | 4   | F               | B             | P       | B                 | B              | G              | G      | F       | G   |
| E095D3     | 95                     | 26.0                  | 31.0   | 34.0   | 36.5   | 39.5   | 3             | 2   | G               | B             | G       | B                 | B              | B              | B      | F       | F   |
| E100H1     | 100                    | 24.5                  | 31.5   | 33.5   | 36.0   | 38.5   | 2             | 4   | G               | G             | B       | B                 | G              | G              | G      | G       | B   |
| E101P5     | 101                    | 22.5                  | 28.5   | 34.5   | 40.5   | 44.0   | 4             | 2   | G               | B             | G       | B                 | B              | G              | G      | B       | F   |
| E105T1     | 105                    | 23.0                  | 27.0   | 30.0   | 34.0   | 38.5   | 5             | 2   | G               | B             | G       | B                 | B              | B              | B      | F       | F   |
| E106Q6     | 106                    | 26.0                  | 33.0   | 35.5   | 38.0   | 40.0   | 3             | 3   | B               | B             | F       | B                 | B              | G              | B      | F       | F   |
| E107C1 NEW | 107                    | 26.0                  | 32.0   | 33.5   | 35.5   | 37.5   | 2             | 3   | G               | G             | P       | F                 | G              | G              | G      | F       | F   |
| E108M2     | 108                    | 22.0                  | 28.0   | 32.0   | 35.0   | 37.0   | 3             | 3   | G               | G             | G       | B                 | B              | F              | B      | F       | B   |
| E109R3     | 109                    | 19.0                  | 24.0   | 31.0   | 41.0   | 44.0   | 5             | 2   | G               | B             | F       | B                 | B              | B              | B      | G       | F   |
| E109Y2     | 109                    | 23.0                  | 27.0   | 29.5   | 34.0   | 38.0   | 4             | 4   | F               | B             | P       | B                 | B              | G              | G      | G       | B   |
| E110F4 NEW | 110                    | 26.0                  | 30.0   | 33.0   | 33.0   | 35.0   | 4             | 4   | F               | F             | G       | G                 | G              | G              | G      | F       | P   |
| E111C6     | 111                    | 19.0                  | 23.0   | 27.5   | 34.0   | 39.5   | 3             | 4   | G               | B             | G       | G                 | G              | F              | P      | B       | G   |
| E111V7 NEW | 111                    | 19.5                  | 24.5   | 29.0   | 33.5   | 38.0   | 2             | 3   | G               | G             | G       | G                 | G              | G              | G      | G       | F   |
| E112S5 NEW | 112                    | 26.0                  | 30.0   | 33.0   | 36.0   | 39.5   | 3             | 2   | B               | F             | F       | B                 | B              | B              | G      | G       | F   |
| E113D3     | 113                    | 22.0                  | 25.0   | 28.5   | 31.5   | 35.0   | 4             | 4   | B               | B             | G       | B                 | B              | F              | G      | F       | F   |
| E113M8     | 113                    | 26.0                  | 33.0   | 36.0   | 37.5   | 39.0   | 2             | 3   | G               | G             | G       | B                 | G              | G              | F      | B       | B   |
| E113N8     | 113                    | 26.0                  | 29.5   | 30.0   | 31.0   | 31.5   | 5             | 4   | B               | G             | G       | B                 | G              | F              | F      | G       | F   |
| E113Z5     | 113                    | 22.0                  | 28.0   | 32.0   | 35.0   | 37.0   | 2             | 4   | G               | G             | G       | B                 | B              | B              | G      | F       | F   |
| E114H6     | 114                    | 26.0                  | 29.0   | 31.0   | 33.5   | 36.0   | 4             | 5   | G               | B             | F       | B                 | B              | F              | G      | F       | G   |
| E116K4     | 116                    | 26.0                  | 33.0   | 34.5   | 31.5   | 31.5   | 5             | 3   | G               | B             | P       | B                 | B              | F              | G      | F       | G   |
| E118D8     | 118                    | 26.0                  | 32.5   | 34.5   | 36.0   | 38.0   | 4             | 3   | B               | G             | G       | B                 | G              | G              | G      | B       | F   |

|   |  |   |
|---|--|---|
| <b>Rating Scale</b><br>1 = Best<br>9 = Worst<br>- = Not available | <b>Score Interpretation</b><br>B = Best<br>G = Good<br>F = Fair<br>P = Poor<br>- = Not Available | <b>Drought</b><br>Agrisure Artesian<br>water-optimized hybrid |
|---|--|---|

Agronomy ratings are based on statistically analyzed results of studies conducted by Syngenta and are relative to other hybrids within the same maturity group.



# SILAGE HYBRID CHARACTERISTICS

## SILAGE PRODUCTS SELECTED TO PERFORM FOR YOUR HERD.

Trust your Seed Advisor to understand the silage needs of your operation and offer product recommendations to help increase the productivity of your herd. In addition to choosing hybrids that fit your soil conditions and your grain quality requirements, your Seed Advisor can offer advice on:

- Soil testing to monitor fertility issues as a result of manure applications
- Timing of planting
- Harvest timing to ensure optimal moisture and higher quality silage
- How Enogen corn hybrids add value to your rations and can increase your return on investment potential

| PRODUCT               | Relative Maturity (RM) | AGRONOMIC CHARACTERISTICS |               |         |           |              |            | DISEASE TOLERANCE |             | AGRONOMIC RESEARCH RATINGS |              |               |                    |                  |               |               |               |                 |                |                 |                |  |  |
|-----------------------|------------------------|---------------------------|---------------|---------|-----------|--------------|------------|-------------------|-------------|----------------------------|--------------|---------------|--------------------|------------------|---------------|---------------|---------------|-----------------|----------------|-----------------|----------------|--|--|
|                       |                        | Emergence                 | Root Strength | Drought | Staygreen | Plant Height | Ear Height | Gray Leaf Spot    | Goss's Wilt | Yield (lbs/Ac)             | CP (% of DM) | NDF 48 hr (%) | NDF Dig. 48 hr (%) | Starch (% of DM) | Fat (% of DM) | TDN (% of DM) | NEL (Mcal/lb) | Milk (lbs/Ton)* | Milk (lbs/Ac)* | Beef (lbs/Ton)* | Beef (lbs/Ac)* |  |  |
| G78C29                | 78                     | 3                         | 4             | 2       | 2         | 4            | 3          | -                 | 4           | G                          | G            | B             | B                  | B                | -             | B             | B             | B               | B              | B               | G              |  |  |
| G80Q01                | 80                     | 3                         | 2             | 1       | 1         | 5            | 4          | -                 | 4           | G                          | G            | G             | G                  | B                | -             | G             | -             | G               | G              | G               | G              |  |  |
| G82M47                | 82                     | 3                         | 2             | 4       | 4         | 4            | 4          | -                 | 4           | F                          | F            | F             | G                  | F                | F             | G             | F             | G               | F              | G               | F              |  |  |
| G85Z56                | 85                     | 3                         | 4             | 2       | 3         | 3            | 4          | -                 | 4           | B                          | G            | F             | G                  | F                | G             | B             | -             | B               | B              | B               | B              |  |  |
| G84J92                | 86                     | 3                         | 3             | 1       | 3         | 3            | 5          | -                 | 4           | G                          | F            | F             | G                  | G                | B             | F             | F             | F               | G              | F               | G              |  |  |
| G88F37                | 88                     | 3                         | 3             | 1       | 4         | 3            | 5          | -                 | 3           | G                          | G            | G             | G                  | B                | -             | G             | -             | G               | F              | G               | F              |  |  |
| G90S99 <sup>NEW</sup> | 90                     | 2                         | 4             | 2       | 3         | 2            | 2          | -                 | 5           | F                          | G            | G             | F                  | G                | G             | G             | G             | F               | F              | G               | F              |  |  |
| G91V51                | 91                     | 3                         | 5             | 1       | 4         | 3            | 4          | -                 | 4           | B                          | F            | B             | G                  | B                | G             | G             | B             | B               | B              | B               | B              |  |  |
| G90Y04                | 92                     | 2                         | 4             | 1       | 3         | 2            | 2          | -                 | 4           | B                          | B            | F             | G                  | G                | G             | G             | G             | G               | B              | G               | B              |  |  |
| G94P48                | 94                     | 3                         | 3             | 1       | 3         | 3            | 2          | -                 | 3           | G                          | B            | B             | G                  | G                | B             | B             | B             | G               | F              | B               | F              |  |  |
| G95D32                | 95                     | 3                         | 3             | 2       | 2         | 3            | 4          | 4                 | 3           | G                          | F            | B             | F                  | B                | B             | G             | G             | G               | B              | G               | B              |  |  |
| G95M41                | 95                     | 3                         | 2             | 3       | 3         | 3            | 4          | -                 | 5           | F                          | F            | G             | F                  | B                | -             | F             | -             | F               | F              | F               | F              |  |  |
| G96R61                | 96                     | 2                         | 3             | 2       | 3         | 2            | 2          | -                 | 4           | B                          | G            | G             | G                  | F                | G             | G             | G             | G               | B              | G               | B              |  |  |
| G97N86                | 97                     | 2                         | 4             | 3       | 3         | 3            | 2          | 4                 | 4           | G                          | G            | F             | F                  | G                | B             | G             | G             | G               | G              | G               | G              |  |  |
| G98L17                | 98                     | 2                         | 4             | 3       | 3         | 2            | 2          | 5                 | 6           | B                          | G            | F             | F                  | G                | F             | G             | G             | G               | B              | G               | B              |  |  |
| G98M44 <sup>NEW</sup> | 98                     | 3                         | 4             | 2       | 5         | 4            | 4          | 5                 | 4           | G                          | G            | B             | F                  | B                | B             | G             | -             | G               | B              | G               | B              |  |  |
| G99E68                | 99                     | 3                         | 2             | 3       | 2         | 3            | 3          | 2                 | 5           | F                          | G            | G             | F                  | G                | P             | G             | G             | G               | F              | G               | F              |  |  |
| G00H12                | 100                    | 3                         | 2             | 2       | 4         | 4            | 4          | 3                 | 5           | G                          | B            | P             | G                  | F                | B             | F             | G             | F               | F              | F               | F              |  |  |
| G02K39                | 102                    | 3                         | 3             | 2       | 1         | 5            | 5          | 3                 | 3           | G                          | G            | B             | G                  | G                | B             | B             | B             | B               | G              | B               | G              |  |  |
| G02W74                | 102                    | 3                         | 2             | 2       | 3         | 5            | 6          | 3                 | 6           | F                          | G            | B             | B                  | G                | G             | G             | G             | F               | G              | F               | F              |  |  |
| G03B96 <sup>NEW</sup> | 103                    | 3                         | 3             | 4       | 3         | 4            | 3          | 5                 | 3           | G                          | G            | F             | F                  | P                | F             | G             | G             | G               | F              | F               | F              |  |  |
| G03C84                | 103                    | 4                         | 3             | 3       | 5         | 3            | 3          | 4                 | 4           | G                          | G            | G             | G                  | B                | B             | G             | G             | F               | G              | G               | G              |  |  |
| G03J49                | 103                    | 3                         | 4             | 2       | 3         | 2            | 3          | 4                 | 2           | G                          | F            | G             | G                  | B                | F             | G             | G             | G               | G              | G               | B              |  |  |
| G03R40                | 103                    | 2                         | 2             | 3       | 3         | 3            | 3          | 4                 | 3           | G                          | G            | P             | G                  | F                | B             | F             | F             | F               | F              | F               | F              |  |  |
| G04G36                | 104                    | 4                         | 2             | 1       | 5         | 5            | 6          | 3                 | 3           | F                          | G            | B             | B                  | B                | B             | B             | B             | F               | B              | G               | G              |  |  |
| G04S19                | 104                    | 4                         | 4             | 3       | 4         | 2            | 2          | 4                 | 3           | B                          | F            | G             | G                  | G                | G             | G             | G             | G               | B              | G               | B              |  |  |
| G05K08                | 105                    | 3                         | 4             | 1       | 6         | 5            | 6          | 4                 | 4           | G                          | G            | G             | F                  | B                | B             | F             | G             | F               | F              | G               | F              |  |  |
| G06K93                | 106                    | 3                         | 3             | 2       | 4         | 3            | 3          | 5                 | 3           | G                          | F            | G             | G                  | B                | B             | B             | G             | B               | G              | B               | G              |  |  |
| G06Q68                | 106                    | 3                         | 3             | 2       | 4         | 4            | 5          | 5                 | 4           | F                          | G            | G             | B                  | G                | B             | G             | G             | F               | G              | F               | F              |  |  |
| G07F23                | 107                    | 3                         | 3             | 2       | 4         | 5            | 5          | 3                 | 4           | B                          | G            | G             | G                  | G                | F             | G             | G             | G               | B              | B               | B              |  |  |

**Rating Scale**  
1 = Best  
9 = Worst  
- = Not available

**Plant Height**  
1 = Tall  
9 = Short

**Root Type**  
P = Penetrating  
M = Modified  
F = Fibrous

**Ear Height**  
1 = High  
9 = Low

**Leaf Type**  
U = Upright  
S-U = Semi-Upright  
P = Pendulum

**Ear Flex**  
F = Flex  
SF = Semi-Flex  
SD = Semi-Determinate  
D = Determinate

**Husk Cover**  
S = Short  
M = Medium  
L = Long

**Cob Color**  
R = Red  
Pi = Pink  
W = White

**Disease Tolerance**  
1 = High  
9 = Low  
- = Not Available

**Drought**  
Agrisure Artesian water-optimized hybrid

| PRODUCT               | Relative Maturity (RM) | AGRONOMIC CHARACTERISTICS |               |         |           |              |            | DISEASE TOLERANCE |             | AGRONOMIC RESEARCH RATINGS |              |               |                    |                  |               |               |               |                 |                |                 |                |  |  |
|-----------------------|------------------------|---------------------------|---------------|---------|-----------|--------------|------------|-------------------|-------------|----------------------------|--------------|---------------|--------------------|------------------|---------------|---------------|---------------|-----------------|----------------|-----------------|----------------|--|--|
|                       |                        | Emergence                 | Root Strength | Drought | Staygreen | Plant Height | Ear Height | Gray Leaf Spot    | Goss's Wilt | Yield/Tons/Ac              | CP (% of DM) | NDF 48 hr (%) | NDF Dig. 48 hr (%) | Starch (% of DM) | Fat (% of DM) | TDN (% of DM) | NEL (Mcal/lb) | Milk (lbs/Ton)* | Milk (lbs/Ac)* | Beef (lbs/Ton)* | Beef (lbs/Ac)* |  |  |
| G07V88                | 107                    | 3                         | 5             | 2       | 5         | 3            | 3          | 5                 | 3           | G                          | F            | G             | G                  | B                | G             | G             | B             | B               | B              | B               | G              |  |  |
| G08D29                | 108                    | 2                         | 3             | 1       | 5         | 4            | 5          | 4                 | 3           | G                          | G            | P             | F                  | F                | G             | G             | F             | F               | F              | F               | F              |  |  |
| G08M20                | 108                    | 3                         | 3             | 3       | 5         | 5            | 5          | 3                 | 4           | G                          | B            | G             | G                  | B                | B             | F             | G             | F               | F              | F               | F              |  |  |
| G08R52                | 108                    | 3                         | 2             | 2       | 4         | 5            | 5          | 5                 | 4           | G                          | G            | G             | G                  | G                | G             | -             | G             | G               | G              | G               | G              |  |  |
| G07B39                | 109                    | 4                         | 5             | 1       | 4         | 3            | 4          | 5                 | 4           | B                          | G            | G             | B                  | G                | B             | B             | B             | B               | B              | B               | B              |  |  |
| G09A86                | 109                    | 3                         | 3             | 3       | 4         | 3            | 4          | 2                 | 4           | B                          | B            | G             | F                  | G                | G             | G             | G             | G               | G              | G               | B              |  |  |
| G09Y24                | 109                    | 3                         | 4             | 1       | 5         | 5            | 3          | 5                 | 4           | G                          | G            | G             | B                  | G                | G             | G             | G             | G               | G              | B               | G              |  |  |
| G10C45                | 110                    | 4                         | 2             | 3       | 4         | 3            | 3          | 3                 | 2           | G                          | G            | G             | G                  | B                | B             | B             | B             | G               | B              | G               | G              |  |  |
| G10D21                | 110                    | 3                         | 3             | 3       | 3         | 3            | 2          | 2                 | 3           | G                          | G            | F             | F                  | G                | G             | G             | G             | G               | F              | F               | G              |  |  |
| G10K03                | 110                    | 3                         | 4             | 3       | 2         | 3            | 3          | 5                 | 4           | F                          | G            | G             | G                  | G                | B             | G             | G             | G               | F              | G               | F              |  |  |
| G10L16                | 110                    | 2                         | 4             | 1       | 5         | 5            | 6          | 4                 | 3           | G                          | G            | B             | G                  | B                | B             | G             | B             | G               | G              | G               | G              |  |  |
| G10S30                | 110                    | 3                         | 4             | 4       | 5         | 5            | 4          | 6                 | 4           | F                          | G            | F             | G                  | G                | B             | G             | G             | G               | F              | G               | F              |  |  |
| G11B63                | 111                    | 4                         | 3             | 1       | 2         | 3            | 3          | 4                 | 3           | B                          | G            | F             | G                  | F                | F             | G             | G             | F               | B              | G               | B              |  |  |
| G11V76                | 111                    | 3                         | 2             | 2       | 4         | 4            | 6          | 4                 | 6           | G                          | G            | G             | G                  | G                | F             | G             | G             | G               | G              | G               | G              |  |  |
| G12S75                | 112                    | 3                         | 3             | 3       | 2         | 2            | 4          | 3                 | 3           | B                          | F            | P             | F                  | F                | F             | G             | G             | G               | B              | F               | B              |  |  |
| G12U17                | 112                    | 3                         | 4             | 4       | 2         | 3            | 3          | 4                 | 5           | G                          | G            | B             | B                  | B                | F             | G             | G             | G               | G              | G               | G              |  |  |
| G13E90                | 113                    | 3                         | 4             | 2       | 3         | 3            | 3          | 6                 | 3           | G                          | B            | G             | G                  | F                | G             | G             | G             | G               | B              | G               | G              |  |  |
| G13H15                | 113                    | 3                         | 3             | 2       | 3         | 3            | 3          | 3                 | 3           | B                          | F            | G             | F                  | B                | P             | G             | G             | G               | B              | G               | B              |  |  |
| G13M88                | 113                    | 3                         | 2             | 4       | 3         | 5            | 4          | 3                 | 3           | F                          | F            | G             | F                  | B                | G             | G             | F             | F               | F              | G               | F              |  |  |
| G13N18                | 113                    | 3                         | 5             | 3       | 5         | 4            | 5          | 6                 | 4           | G                          | G            | F             | G                  | G                | G             | B             | G             | B               | G              | B               | F              |  |  |
| G13Z50                | 113                    | 2                         | 2             | 3       | 3         | 4            | 4          | 4                 | 3           | G                          | F            | G             | B                  | B                | P             | G             | G             | G               | F              | G               | F              |  |  |
| G14K50                | 114                    | 4                         | 5             | 2       | 3         | 4            | 4          | 6                 | 2           | B                          | F            | B             | G                  | B                | B             | G             | B             | G               | B              | G               | B              |  |  |
| G14N11                | 114                    | 2                         | 2             | 3       | 3         | 3            | 2          | 5                 | 4           | G                          | G            | B             | G                  | B                | F             | G             | G             | G               | G              | G               | G              |  |  |
| G14R38                | 114                    | 3                         | 2             | 3       | 4         | 3            | 2          | 5                 | 4           | G                          | F            | B             | G                  | B                | B             | B             | B             | B               | B              | B               | B              |  |  |
| G15J91                | 115                    | 4                         | 2             | 3       | 4         | 3            | 5          | 4                 | 4           | G                          | G            | F             | G                  | G                | P             | G             | G             | G               | F              | G               | G              |  |  |
| G15L32                | 115                    | 2                         | 3             | 4       | 2         | 4            | 5          | 3                 | 4           | B                          | G            | G             | G                  | B                | B             | G             | G             | G               | G              | G               | G              |  |  |
| G16K01                | 116                    | 4                         | 5             | 2       | 3         | 4            | 4          | 5                 | 3           | G                          | F            | G             | G                  | G                | G             | B             | G             | G               | B              | G               | G              |  |  |
| G17E95 <sup>NEW</sup> | 117                    | 3                         | 3             | 5       | 3         | 2            | 3          | 3                 | 2           | G                          | G            | F             | G                  | F                | -             | G             | -             | G               | B              | G               | G              |  |  |
| G18D87                | 118                    | 4                         | 4             | 3       | 2         | 2            | 3          | 3                 | 4           | B                          | B            | F             | G                  | F                | F             | G             | G             | G               | B              | G               | B              |  |  |
| G18H82                | 118                    | 4                         | 4             | 4       | 5         | 2            | 3          | 6                 | 5           | F                          | G            | B             | B                  | B                | G             | G             | G             | G               | G              | G               | G              |  |  |

**Rating Scale**  
1 = Best  
9 = Worst  
- = Not available

**Score Interpretation**  
B = Best  
G = Good  
F = Fair  
P = Poor  
- = Not Available

**Drought**  
Agrisure Artesian water-optimized hybrid.

Agronomy ratings are based on statistically analyzed results of studies conducted by Syngenta and are relative to other hybrids within the same maturity group.

Flex hybrids adjust to growing conditions by changing ear length or kernel depth. Determinate/Fixed hybrids are less able to adjust ear size. Plant Population is considered more important for a determinate-ear hybrid than for a flex-ear hybrid.

### Note: Disease and Insect Ratings

Ratings are not absolute; environmental conditions and certain cultural practices, such as continuous corn, play a critical role in disease development and insect infestation, which can, in turn, predispose plants to secondary disease such as stalk and ear rots. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure.

Ratings are based on interpretation of statistically analyzed results of studies conducted by Syngenta.



# STEWARDSHIP

A strong stewardship program is essential for protecting and preserving the long-term value of insect-protected trait technology. Syngenta provides responsible agriculture programs and information regarding the safe handling and storage of product.

## Grower Stewardship Agreement

A strong stewardship program is essential for helping to protect and preserve the long-term value of Syngenta's trait technology. Embracing this responsibility provides growers with ongoing choices and helps to ensure they remain good stewards of the land. Prior to planting corn hybrids with Agrisure traits, you are required to sign a Syngenta Seeds, LLC Stewardship Agreement. This agreement outlines the terms and conditions of growing hybrids with Agrisure traits, including the terms of a limited license under Syngenta's intellectual property, compliance with Environmental Protection Agency (EPA)-mandated Insect Resistance Management (IRM) programs and grain channeling requirements. The deadline to have all completed agreements to Syngenta is June 30th, annually.

Agreements may be sent using one of the following four methods:

### ONLINE

[www.agcelerate.com](http://www.agcelerate.com)

### ELECTRONIC STATEMENT

Electronic signatures will only be accepted through [agcelerate.com](http://agcelerate.com). Any other forms of electronic signatures will be rejected.

### EMAIL

[Agreement@agdata.com](mailto:Agreement@agdata.com)

### FAX

1-704-919-5581

### MAIL

AgCelerate  
Attn: Stewardship  
PO Box 221679  
Charlotte, NC 28222-1678

## Best Management Practices

Syngenta and other industry registrants have cooperatively developed the EPA mandated IRM Compliance Assurance Program. This program requires corn seed companies to evaluate the extent to which growers are adhering to the IRM requirements and ensure that those who do not are brought back into compliance.

## Resources

To read and understand the full stewardship requirements found in the Syngenta Stewardship Guide or receive further assistance, use the resources below.

**Stewardship Information**  
[www.syngentastewardship.com](http://www.syngentastewardship.com)

**Stewardship Support and IRM Tips Line**  
1-877-GRO-CORN  
(1-877-476-2676)

**Stewardship Support**  
[syngenta.stewardship@syngenta.com](mailto:syngenta.stewardship@syngenta.com)

**Regulatory and Market Status of Agricultural Biotechnology Products**  
[www.biotradestatus.com](http://www.biotradestatus.com)

**Take Action Education Platform**  
[www.IWillTakeAction.com](http://www.IWillTakeAction.com)

**Agreement Submission**  
[Agreements@agdata.com](mailto:Agreements@agdata.com)

## Corn Refuge Requirements

It is important to recognize that different hybrid/trait packages may have different IRM requirements. On-farm mixing of any seed is not an approved method to comply with stewardship requirements. Before filling your planter, always check the bag tag to ensure you know the refuge size requirement.

|                                      | PRODUCT                                     | SIZE REQUIREMENT (Corn-Growing Region) | SIZE REQUIREMENT (Cotton-Growing Region) | DISTANCE REQUIREMENTS                                 |
|--------------------------------------|---|--|--|---|
| ABOVE- AND BELOW-GROUND TRAIT STACKS | AgrisureDuracade <sup>5322 E-Z Refuge</sup> | No additional refuge required          | 20% supplemental refuge <sup>2</sup>     | Within or adjacent <sup>1</sup>                       |
|                                      | AgrisureDuracade <sup>5222 E-Z Refuge</sup> | No additional refuge required          | 20% supplemental refuge <sup>2</sup>     | Within or adjacent <sup>1</sup>                       |
|                                      | AgrisureDuracade <sup>5122 E-Z Refuge</sup> | No additional refuge required          | 20% supplemental refuge <sup>2</sup>     | Within or adjacent <sup>1</sup>                       |
|                                      | Agrisure3122 <sup>E-Z Refuge</sup>          | No additional refuge required          | 20% supplemental refuge <sup>2</sup>     | Within or adjacent <sup>1</sup>                       |
|                                      | AgrisureViptera <sup>3111</sup>             | 20%                                    | 20%                                      | Within or adjacent <sup>2</sup>                       |
|                                      | AgrisureArtesian <sup>3011A</sup>           | 20%                                    | 50%                                      | Within or adjacent <sup>2</sup>                       |
| ABOVE-GROUND TRAIT STACKS            | Agrisure3000GT                              | 20%                                    | 50%                                      | Within or adjacent <sup>2</sup>                       |
|                                      | AgrisureViptera <sup>3310 E-Z Refuge</sup>  | No additional refuge required          | 20% supplemental refuge                  | Within, adjacent, or up to 1/2 mile away <sup>1</sup> |
|                                      | AgrisureViptera <sup>3320 E-Z Refuge</sup>  | No additional refuge required          | 20% supplemental refuge                  | Within, adjacent, or up to 1/2 mile away <sup>1</sup> |
|                                      | Agrisure3120 <sup>E-Z Refuge</sup>          | No additional refuge required          | 20% supplemental refuge                  | Within, adjacent, or up to 1/2 mile away <sup>1</sup> |
|                                      | AgrisureViptera <sup>3110</sup>             | 20%                                    | 20%                                      | Within, adjacent, or up to 1/2 mile away              |

Refuge size is calculated by applying the appropriate percentage (e.g., 20%, 50%) to the TOTAL CORN ACRES.

<sup>1</sup> Only applicable in the cotton-growing region where a supplemental 20% refuge is required for this product.

<sup>2</sup> Assumes a common corn borer and rootworm refuge. Alternatively, a separate rootworm refuge within or adjacent to the Bt field and a corn borer refuge up to 1/2 mile away could be planted.



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. LibertyLink<sup>®</sup>, Liberty<sup>®</sup> and the Water Droplet logo are registered trademarks of BASF Corporation. HERCULEX<sup>®</sup> and the HERCULEX Shield are trademarks of Dow AgroSciences, LLC. HERCULEX Insect Protection technology by Dow AgroSciences. YieldGard VT Pro<sup>®</sup> is a registered trademark used under license from the Bayer Group. The Liberty Link<sup>®</sup> trait may be protected under numerous United States patents. More information about Agrisure Duracade is available at <http://www.biotradestatus.com/>.

# OUR PROGRAMS



The Golden Advantage<sup>SM</sup> is an extended terms offer with a 0% interest fee for farmers to purchase Golden Harvest seed products. Grow with Golden Advantage in three easy steps:

Step

01



TALK TO YOUR GOLDEN HARVEST SEED ADVISOR

Step

02



COMPLETE A SIMPLE ONLINE APPLICATION

Step

03



ORDER GOLDEN HARVEST SEED FOR 2022 PLANTING

## Corn Crop Planning

Field Name: \_\_\_\_\_

Hybrid: \_\_\_\_\_

Population: \_\_\_\_\_

Management Considerations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Field Name: \_\_\_\_\_

Hybrid: \_\_\_\_\_

Population: \_\_\_\_\_

Management Considerations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Soybean Crop Planning

Field Name: \_\_\_\_\_

Variety: \_\_\_\_\_

Population: \_\_\_\_\_

Management Considerations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Field Name: \_\_\_\_\_

Variety: \_\_\_\_\_

Population: \_\_\_\_\_

Management Considerations: \_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

# WE'RE LISTENING

Reach out to your local Golden Harvest Seed Advisor to discuss anything in this guide and how it pertains to your acres and yield goals.

**Visit [GoldenHarvestSeeds.com](http://GoldenHarvestSeeds.com) for more information and to find and contact your local Golden Harvest Seed Advisor.**

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Some seed treatment offers are separately registered products applied to the seed as a combined slurry. **Always read individual product labels and treater instructions before combining and applying component products.** Orondis Gold may be sold as a formulated premix or as a combination of separately registered products: Orondis Gold 200 and Orondis Gold B.

**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.** LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF. GT27® is a trademark of M.S. Technologies and BASF. HERCULEX® and the HERCULEX Shield are trademarks of Dow AgroSciences, LLC. HERCULEX Insect Protection technology by Dow AgroSciences. **Under federal and local laws, only dicamba-containing herbicides registered for use on dicamba-tolerant varieties may be applied. See product labels for details and tank mix partners.** Golden Harvest® and NK® Soybean varieties are protected under granted or pending U.S. variety patents and other intellectual property rights, regardless of the trait(s) within the seed. The Enlist E3® traits, LibertyLink®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield® and XtendFlex® traits may be protected under numerous United States patents. It is unlawful to save soybeans containing these traits for planting or transfer to others for use as a planting seed. Only dicamba formulations that employ VaporGrip® Technology are approved for use with Roundup Ready 2 Xtend® and XtendFlex® soybeans. Only 2,4-D choline formulations with Colex-D® Technology are approved for use with Enlist E3® soybeans. VaporGrip® is a trademark of, and used under license from, Monsanto Technology LLC. Roundup Ready 2 Yield®, Roundup Ready 2 Xtend®, XtendFlex® and YieldGard VT Pro® are registered trademarks used under license from the Bayer Group. ENLIST E3® soybean technology is jointly developed with Dow AgroSciences LLC and MS Technologies LLC. The ENLIST trait and ENLIST Weed Control System are technologies owned and developed by Dow AgroSciences LLC. ENLIST® and ENLIST E3® are trademarks of Dow AgroSciences LLC. The trademarks or service marks displayed or otherwise used herein are the property of a Syngenta Group Company. All other trademarks are the property of their respective owners. More information about Agrisure Duracade® is available at <http://www.biotradestatus.com/>.



