



LOOKING BACK

FORGING AHEAD

## 2024 SEED GUIDE

COMMEMORATIVE EDITION



EST. 1973

## HERE'S TO THE NEXT 50 SEASONS

Five decades ago, a group of hardworking family seed companies came together to form Golden Harvest Seeds, Inc., and help local farmers broaden their horizons. We're proud of all we've accomplished alongside our farmers in the last five decades, and more committed than ever to delivering innovation that helps you succeed.

**“EVERYTHING’S BETTER THAN IT WAS YEARS AGO, INVESTMENT IN RESEARCH AND DEVELOPMENT AND MAKING SURE WE GIVE GROWERS WHAT THEY WANT IS A BIG REASON FOR THAT.”**

SAM DUNKMANN  
2ND GENERATION GOLDEN HARVEST SEED ADVISOR  
ST. CHARLES, MISSOURI

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**+100** BREEDING AND GERMLASM  
ENHANCEMENT CENTERS  
OPERATED GLOBALLY

**\$1.4** BILLION ANNUAL GLOBAL  
INVESTMENT IN R&D—MORE  
THAN \$3.8 MILLION PER DAY

RESEARCH & DEVELOPMENT

**R&D**



## OUR RESEARCH AND DEVELOPMENT COMMITMENT

A seeds engine fueled by innovation.

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.

We fuel more timely and relevant innovations by inviting farmers to share information for our labs, growing chambers and in-field trials.

The Syngenta Innovation Center in North Carolina is our largest infrastructure investment to date. The 50-acre greenhouse aids in the development of biotech seed technologies.

We operate around 100 breeding and germplasm enhancement centers globally.

Our Farm of the Future in northern Illinois helps us advance digital agriculture.

In 2023, we opened our newest R&D Innovation Center in Malta, Illinois. Here, we bring together top researchers and scientists to test decision science concepts.

We'll continue to invest in core sites close to field locations because farmers' needs fuel our entire R&D pipeline.

TRAIT INTROGRESSION ACCELERATION

## INNOVATION TO HELP GROWERS THRIVE

Our state-of-the-art facilities reduce cycle time to improve speed-to-market and product placement precision in our corn and soybean products.

Investments in trait introgression acceleration have enabled us to bring the best genetics and traits together faster to improve the genetic library of hybrid parents available.

We've optimized seed testing and development to get from seed-to-seed in as little as seven weeks—a 2x reduction in the path to commercial varieties.



← Scan to learn how we're getting traits to market faster

Our \$30 million Nampa, Idaho, facility provides a reliable growing environment for marker-assisted trait introgression and accelerates access to new, high-performing hybrids.

STEPP TRIALS

## PRECISION TO MAXIMIZE PRODUCTION

STEPP Trials™ (Strategic Testing for Effective Product Placement) combine rigorous, multi-year testing with innovative technology so farmers can confidently place our products to help maximize production.

We've conducted two years of testing prior to commercialization to ensure consistent performance and confidence.

This revolutionary late-stage product testing and commercialization process helps us better predict hybrid performance across populations and regional environments.

By broadly testing pre-commercial corn products locally, we can better understand our products and trait offerings before they ever make it to a grower's farm, which can help deliver the performance farmers expect in our corn products.



← Scan to learn how we're giving farmers more confidence



# AGRONOMY

“OUR AGRONOMY TEAM DOES AN EXCELLENT  
JOB OF TRAINING US SO THAT WE CAN  
PROVIDE MORE VALUE IN THE FIELD.”

BARB RASMUSSEN  
GOLDEN HARVEST SEED ADVISOR  
SURPRISE, NEBRASKA



## A YEAR-ROUND SOURCE OF AGRONOMIC INSIGHTS

Our annual Agronomy in Action Research Review is a comprehensive summary of applied and practical agronomic studies conducted during each growing season at Golden Harvest Agronomy in Action research sites. The book includes trial results and learnings to help farmers mitigate risk and adjust management techniques in-season and year-round.



Scan to access hundreds of  
resources in the Agronomy in  
Action 2023 Research Review

SET YOUR FIELDS UP FOR SUCCESS

## OPTIMIZING HYBRID PLACEMENT

Understanding how hybrids respond to various management practices can help farmers not only select the right hybrid for their farm, but also aid in management decisions throughout the growing season. Understanding **genetic x environment x management** interactions is the key to placing a hybrid on the right acre and managing that acre to maximize the yield potential of that hybrid.

The Golden Harvest agronomy research team and local university collaborations have implemented field trials across the Midwest to evaluate the response of Golden Harvest® hybrids to seeding rate, precision fertilizer placement and foliar-applied fungicide. Golden Harvest is committed to providing information on how hybrids respond to different management systems and informing growers which hybrids are best for their environment.



Scan to learn more about  
maximizing your yield potential

## MANAGING TAR SPOT

We've heard the need to defend fields against Tar Spot, and Golden Harvest corn hybrids can help prevent yield loss from this fungal disease. There are three keys to effective Tar Spot management:

**Hybrid Selection:** Hybrids differ in susceptibility to Tar Spot infection, making hybrid selection one of the first tools for managing Tar Spot.

**Crop Rotation and Tillage:** Recent research has shown that burying residue with tillage and rotating to avoid exposure to overwintering pathogens can reduce Tar Spot severity.

**Fungicide Application:** Early fungicide applications at or before first signs of development have effectively reduced Tar Spot in previous trials.



Scan to learn more  
from our Tar Spot experts



“I STARTED GROWING GOLDEN HARVEST  
CORN AROUND 2009 AND I’VE BEEN  
GROWING IT EVER SINCE.”

CHUCK HOMOLKA  
GOLDEN HARVEST FARMER  
CENTRAL CITY, NEBRASKA



## GAME CHANGING HYBRIDS

A game changing season starts with whole-farm corn solutions, and Golden Harvest’s lineup is backed by powerful research and development from genetic discovery to product placement. Our hybrids put agronomics first, focusing on placing the right management structure on the right acre.

Our game changing corn products are built to perform all season, with broad adaptability, high yield potential, solid agronomics and great late-season health. Our hybrids are also available with the DuracadeViptera™ trait stack for the most comprehensive above- and below-ground corn pest control available today.

## BRANDS

### G91V51-DV

RM:91

### G02K39-D,AA

RM:102

### G11V76-D,AA

RM:111

### G00A97-AA

RM:100

### G10L16-DV,V

RM:110

### G15J91-V

RM:115

DELIVERING BROAD ADAPTABILITY,  
HIGH YIELD POTENTIAL, SOLID  
AGRONOMICS AND GREAT  
LATE-SEASON HEALTH.

## START THE SEASON STRONG WITH BEST IN CLASS SEED TREATMENT



Unique Combination of Fungicides and  
Insecticides Applied to All Hybrids\*

- Superior, broad-spectrum protection against early-season insects with seed- and soil-borne disease protection.
- A third mode of action against Rhizoctonia that also increases each crop’s Rooting Power for healthier root systems.
- Comprehensive early-season insect and disease protection for healthy, vigorous seedlings, the strongest root system possible and the highest potential yields.



Combines the Proven Performance of CruiserMaxx  
Vibrance with Early-Season Nematode Protection

- Improved plant stand, vigor and yield potential.
- Consistent performance, even with variable soil pH, temperature and moisture levels.



A New Standard for *Pythium* Protection Applied  
to All Hybrids

- A powerful mode of action to reinforce early-season *Pythium* protection and to help maximize genetic yield potential.
- The most robust *Pythium* protection ever provided by a seed treatment, compared with the existing protection molecules metalaxyl or ethaboxam.
- Increased seed germination, emergence and improved plant stand uniformity across soil types and conditions.

\*Certain products may come treated with previous treatment offerings.  
Avicta Complete Corn 250 is a Restricted Use Pesticide.



CORN TRAITS

Above- and Below-Ground Pest Control.

Syngenta Corn Traits offer the most comprehensive collection of above- and below-ground pest control in the industry.



Show corn rootworm something different

DuracadeViptera™ trait stack is the industry’s most comprehensive solution for proactively protecting yield potential and field health against the devastating threat of corn rootworm. DuracadeViptera trait stacks combine to control 16 damaging above- and below-ground pests, more than any competitive trait stack. It’s the industry’s most comprehensive solution for insect control, simplicity and choice.



The most effective above-ground insect control in the industry

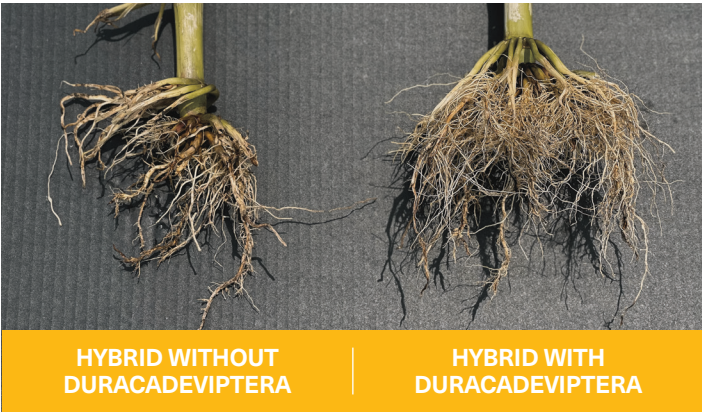
Hybrids with the Viptera® trait technology control damaging stalk- and leaf-feeding corn pests to offer every seed the chance to reach its full genetic potential. It’s the only trait available today that effectively controls Western Bean Cutworm and provides better, more complete control of Corn Earworm than competitors.

Above- and Below-Ground Trait Stacks

TRAIT STACK	INSECT TRAIT EVENTS			HERBICIDE TOLERANCE	
	BROAD LEPIDOPTERAN	CORN BORER	CORN ROOTWORM	GLYPHOSATE	GLUFOSINATE
DuracadeViptera™	MIR162 TC1507	Bt11 TC1507	MIR604 5307	X	X
DuracadeViptera™ Z3	MIR162 MON89034	Bt11 MON89034	MIR604 5307	X	X
Duracade®	TC1507	Bt11 TC1507	MIR604 5307	X	X
Agrisure® Total	TC1507	Bt11 TC1507	MIR604 DAS59122-7	X	X

Above-Ground Trait Stacks

TRAIT STACK	INSECT TRAIT EVENTS		HERBICIDE TOLERANCE	
	BROAD LEPIDOPTERAN	CORN BORER	GLYPHOSATE	GLUFOSINATE
Viptera®	MIR162 TC1507	Bt11 TC1507	X	X
Viptera™ Z3	MIR162 MON89034	Bt11 MON89034	X	X
Agrisure® Above	TC1507	Bt11 TC1507	X	X



Slater, Iowa, 2021

4.1 BU/AC ADVANTAGE OVER PRODUCTS WITHOUT THE DURACADEVIPTERA TRAIT STACK.\*



Scan to learn more about DuracadeViptera



Clearwater, Nebraska, 2022

VIPTERA TRAIT TECHNOLOGY PROVIDES BETTER, MORE COMPLETE CONTROL OF CORN EARWORM THAN COMPETITORS.



Scan to learn more about Viptera

\*Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations. Data based off 2018 Syngenta trials.



# CORN HYBRIDS

Hybrid Series

“G” indicates Golden Harvest corn.  
All hybrids within this series were developed from the same base genetics.

The two-digit number represents the relative maturity (RM) if below 100RM. If 100RM or greater it indicates the last two digits of the RM.

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

Trait options available in this hybrid series.

- The **dash** separates the genetic and trait portions.
- NEW**: Indicates hybrid series or hybrid trait options new for 2024.

RM

Specific relative maturity for this hybrid series.

G91V51

G91V51-DV Brand  
G91V51A Brand (Conv.)

E092W5-D Brand

RM: 91

Dominating Performance with 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

Rating	9	7	5	3	BEST 1
Emergence	●	●	●	●	●
Root Strength	●	●	●	●	●
Stalk Strength	●	●	●	●	●
Staygreen	●	●	●	●	●
Drydown	●	●	●	●	●
Drought <small>Season-long Protection</small>	●	●	●	●	●

Duracade

Viptera

Duracade

Artesian

Insect protection, herbicide tolerance and other traits.

Map

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

G80Q01

G80Q01-V Brand  
G80Q01-GTA/LL Brand

E080Q1-D Brand

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

Rating	9	7	5	3	BEST 1
Emergence	●	●	●	●	●
Root Strength	●	●	●	●	●
Stalk Strength	●	●	●	●	●
Staygreen	●	●	●	●	●
Drydown	●	●	●	●	●
Drought <small>Season-long Protection</small>	●	●	●	●	●

Duracade

Viptera

Artesian

Map

G82B12

G82B12-AA Brand NEW

NEW // RM: 82

Exceptional Versatility on a Wide Range of Soil Types

- Very strong emergence and excellent vigor aid in stand establishment
- A great in-zone choice for variable and drought-prone soils
- Dependable roots paired with strong late-season stalks

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

Duracade

Viptera

Artesian

Map

G85B04

G85B04-AA Brand NEW  
E085Z5-D Brand NEW

NEW // RM: 85

Provides Great Yield Potential with a Consistent, Well-placed Ear

- Adaptable to most soil types, including drought-prone soils
- Strong emergence and early-season vigor offer a fast start out of the ground
- Consistent ear that dries down and allows Northern movement

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

Duracade

Map

G90B11

G90B11-AA Brand NEW

NEW // RM: 90

New Standard in Yield Potential that Provides Both Grain Quality and Test Weight

- Works on a wide range of soil types with excellent drought tolerance
- Outstanding emergence and great seedling vigor help this hybrid get off to a strong start
- Moderate stature with very good stalks for late-season peace of mind

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

Duracade

Map

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G91V51

G91V51-DV Brand  
G91V51A Brand (Conv.)

E092W5-D Brand

RM: 91

Dominating Performance with 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

Rating

97531

BEST

Emergence

Root Strength

Stalk Strength

Staygreen

Drydown

Drought

Season-long Protection

Duracade

Viptera

Duracade

Artesian

G92A51

G92A51-AA Brand

RM: 92

Outstanding Yield Potential

- Very strong emergence aids in stand establishment
- Great choice for variable and drought-prone soils
- Outstanding staygreen with dependable stalks for late-season standability

Rating

97531

BEST

Emergence

Root Strength

Stalk Strength

Staygreen

Drydown

Drought

Duracade

G95D32

G95D32-V Brand  
G95D32-GT/LL Brand

E095D3-D Brand

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

Rating

97531

BEST

Emergence

Root Strength

Stalk Strength

Staygreen

Drydown

Drought

Duracade

Viptera

G97B68

G97B68-DV Brand *NEW*

*NEW* // RM: 97

Broad Adaptability Across Soil Types Leads to Excellent Yield Potential

- Very good emergence and excellent vigor allow for early planting
- Consistent ear powered by a strong disease package that can move South of zone
- A great choice for variable and drought-prone soils

Rating

97531

BEST

Emergence

Root Strength

Stalk Strength

Staygreen

Drydown

Drought

Duracade

Viptera

G98B99

G98B99-AA Brand *NEW*

*NEW* // RM: 98

Outstanding Yield Potential with a Wide Area of Adaptation

- Remarkable emergence launches this hybrid out of the ground
- Population flexibility with solid agronomics allows for Western movement
- Powered by Artesian technology, providing dependable performance across environments

Rating

97531

BEST

Emergence

Root Strength

Stalk Strength

Staygreen

Drydown

Drought

Season-long Protection

Artesian

G99E68

G99E68-D Brand

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

97531

BEST

Emergence

Root Strength

Stalk Strength

Staygreen

Drydown

Drought

Duracade

G00A97

G00A97-AA Brand  
G00A97 Brand (Conv.) *NEW*

RM: 100

Exceptional Yield Potential Across All Soil Types and Environments

- Outstanding emergence and early-season vigor combined with excellent roots and strong agronomics
- Leading drought tolerance powered by Artesian technology with excellent late-season health
- Consistent ear size and strong standability support higher populations, making for a one-two yield punch

Rating

97531

BEST

Emergence

Root Strength

Stalk Strength

Staygreen

Drydown

Drought

Season-long Protection

Artesian

G01B63

G01B63-AA Brand *NEW*

*NEW* // RM: 101

Great Yield Potential in the Central and Eastern Corn Belt Across Soil Types

- Fast early growth allows for diverse planting practices
- Very good tolerance to Northern Corn Leaf Blight that drives grain fill
- Dependable roots and stalks support increased population

Rating

97531

BEST

Emergence

Root Strength

Stalk Strength

Staygreen

Drydown

Drought

Artesian

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G02K39

G02K39-D Brand  
G02K39-AA Brand

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	●	●	●	●	●	●

Duracade

G06B57

G06B57-DV Brand *NEW*

NEW // RM: 106

Outstanding Yield Potential for the Western Corn Belt

- Great corn-on-corn option with improved agronomics
- Strong roots and stalks that support best-in-class tolerance to green snap
- Responds well to population in both irrigated and well-drained soils

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

Duracade Viptera

G03B19

G03B19-AA Brand *NEW*

NEW // RM: 103

Broadly Adapted Across All Soil Types and Productivity Levels

- Fills the canopy and takes the heat, allowing for good Southern movement
- Outstanding yield potential at various population levels, but not required to maximize yield
- Excellent fit for drought-prone environments paired with solid roots and disease package

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

Duracade

G07G73

G07G73-D Brand  
G07G73-AA Brand

RM: 107

Excellent Top-end Yield Potential for the Central and Eastern Corn Belt

- Outstanding heat and moisture stress tolerance for improved stability
- Taller 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	●	●	●	●	●	●

Duracade

G03R40

G03R40-DV Brand

RM: 103

Broadly Adapted with Excellent Yield Stability

- Very good response to in-season management
- Excellent stalks and roots for late-season standability
- Strong emergence for early planting confidence

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

Duracade Viptera

G08B38

G08B38-AA Brand *NEW*

NEW // RM: 108

Outstanding Option in the Eastern Corn Belt on the Highly Productive Acre

- Responds well to increased populations supported by solid roots and stalks
- Very good disease tolerance against Gray Leaf Spot and Northern Corn Leaf Blight
- Good tolerance to poorly drained soils

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

Duracade

G06A27

G06A27-D Brand

RM: 106

Consistent Yield Potential with Broad Adaptation for the Central and Eastern Corn Belt

- Great emergence with excellent vigor to keep it going strong
- Strong agronomics with season-long standability for greater peace of mind
- Medium plant stature for improved residue management

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

Duracade

G08D29

G08D29-D Brand  
G08D29-GTA/LL Brand

RM: 108

Excellent Stalks and Roots for Season-long Standability

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

Rating	9	7	5	3	1	BEST
Emergence	●	●	●	●	●	●
Root Strength	●	●	●	●	●	●
Stalk Strength	●	●	●	●	●	●
Staygreen	●	●	●	●	●	●
Drydown	●	●	●	●	●	●
Drought <small>Season-long Protection</small>	●	●	●	●	●	●

Duracade Artesian

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G08R52

G08R52-V Brand

RM: 108

Broadly Adapted Hybrid with Excellent Heat and Moisture Stress Tolerance

- Ear flex allows for population flexibility
- Outstanding roots and stalks for season-long standability
- High-performing hybrid with very strong yield potential across multiple environments

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

Viptera

G10D21

G10D21-DVZ Brand  
G10D21-VZ Brand

RM: 110

Top-end Yield Potential on Highly Productive Acres

- Strong roots and stalks for season-long standability
- Adapted to the Central and Eastern Corn Belt with great disease tolerance
- Maximizes yield potential and performance with higher populations

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

Duracade Viptera z3

Viptera z3

G09B15

G09B15-V Brand *NEW*

*NEW* // RM: 109

Well Adapted for the Western Corn Belt with Outstanding Drought Tolerance

- Very good emergence and early vigor with wide leaf canopy
- Competes well on the high yield potential and well-managed acre with excellent drydown
- Excellent heat tolerance with good green snap resistance

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

Viptera

G10L16

G10L16-DV Brand  
G10L16-V Brand

RM: 110

Outstanding Yield Potential Across All Yield Environments

- Leading drought tolerance powered by 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	●	●	●	●	●	●

Duracade Viptera

Viptera

Artesian

G09T26

G09T26-AA Brand

RM: 109

Outstanding Agronomics with Broad Adaptability

- Strongest performance in medium- to high-yield environments
- Excellent 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	●	●	●	●	●	●

Viptera

G11V76

G11V76-D Brand  
G11V76-AA Brand

G11V76 Brand (Conv.) *NEW*  
E111V7-D Brand

RM: 111

Versatility Across Soil Types Combined with Strong Drought Tolerance

- Excellent yield potential across all environments
- 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	●	●	●	●	●	●

Duracade

G10B61

G10B61-AA Brand *NEW*

*NEW* // RM: 110

Broadly Adapted Hybrid with Superior Performance Potential on Highly Productive Soils

- Attractive plant type with good tolerance to Tar Spot and Gray Leaf Spot
- Moderate plant and ear height with a wide leaf that performs well on variable soils
- Excellent roots with dependable stalks for season-long standability

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

Duracade

G12S75

G12S75-D Brand  
E112S5-D Brand

RM: 112

Outstanding Stalks for Late-season Standability

- Very good staygreen and late-season intactness
- Strong disease tolerance to Northern Corn Leaf Blight and Gray Leaf Spot
- Good ear flex that provides population flexibility

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

Duracade

GOLDEN HARVEST SEED GUIDE 2024

CELEBRATING 50 SEASONS

19



G13B17

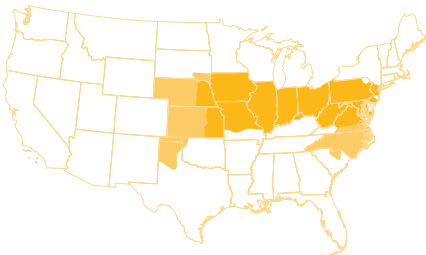
G13B17-AA Brand *NEW*

NEW // RM: 113

A Semi-flex Ear with Very Strong Performance Potential and Excellent Standability

- Provides placement flexibility with performance on both variable and highly productive soils
- Dependable disease tolerance against Northern Corn Leaf Blight and Tar Spot
- Outstanding roots paired with excellent stalk strength

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



G13H15

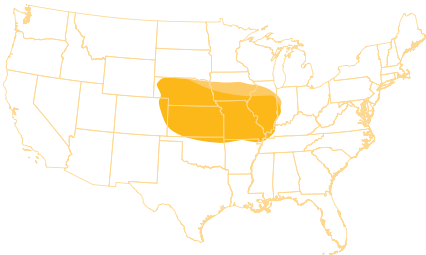
G13H15-D Brand  
G13H15-AA Brand

RM: 113

Broadly Adapted Hybrid for the Western Corn Belt

- 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	●	●	●	●	●	●



G14B32

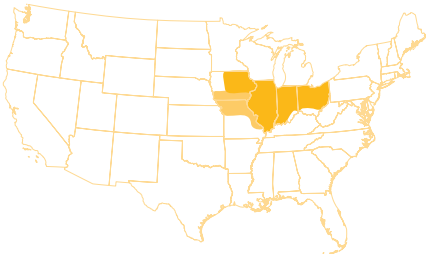
G14B32-DV Brand *NEW*

NEW // RM: 114

Exciting Genetics for the Eastern Corn Belt on the Highly Productive Acre

- Proven emergence with strong seedling vigor for a great continuous corn option
- Excellent tolerance to Gray Leaf Spot and Tar Spot
- Strong stalks with a robust plant type

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



G14B65

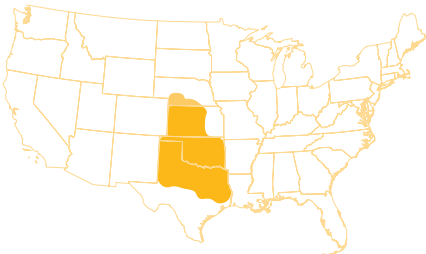
G14B65-DV Brand *NEW*

NEW // RM: 114

Excellent Heat and Drought Tolerance for the Variable Acre, Providing Consistent Yield Potential

- Taller hybrid with excellent ear length and tip fill
- Outstanding roots with dependable disease and stalk package
- Solid late-season plant health with very good plant intactness

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



G15J91

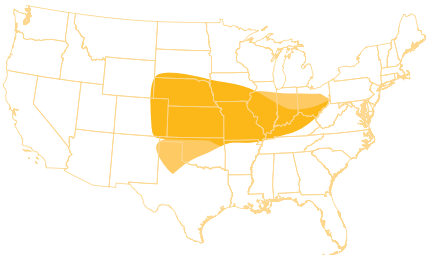
G15J91-V Brand  
G15J91 Brand (Conv.) *NEW*

RM: 115

Proven Yield Performance with Season-long Standability

- Exceptional versatility on a wide range of soil types
- Outstanding roots with strong stalk strength
- Strong fit for high-yielding environments

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



G16Q82

G16Q82-DV Brand  
G16Q82-AA Brand

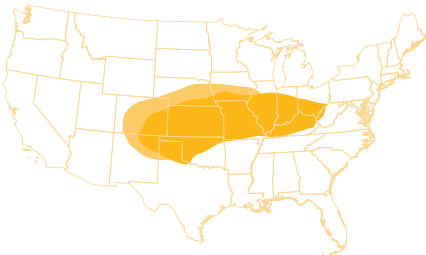
RM: 116

Outstanding Combination of Yield and Agronomics

- Leading drought tolerance powered by Artesian technology 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	●	●	●	●	●	●

Drought  
Season-long Protection



G17A74

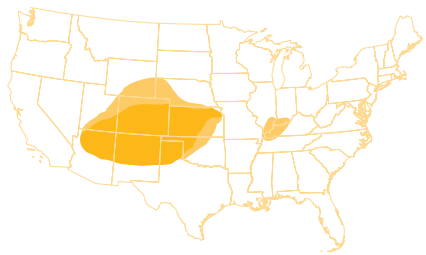
G17A74-DV Brand

RM: 117

Outstanding Dual-purpose Hybrid with Top-end Yield Potential

- Robust plant type with a strong disease package that adds consistent kernel depth
- Excellent yield potential on the Western irrigated acre
- Semi-flex ear that allows for population management

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



G17B31

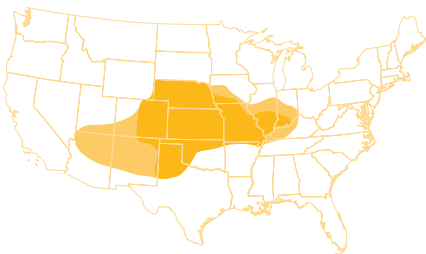
G17B31-V Brand *NEW*

NEW // RM: 117





Well-Adapted Dual-Purpose Hybrid with Exceptional Performance Potential

- Strong emergence and seedling vigor make this a great early planting option
- Tall plant stature with very good agronomics and staygreen
- Strong roots with very good stalk strength for late-season harvest management

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



CORN  
CHARACTERISTICS

BRAND	TRAIT OFFERS <sup>1</sup>					MATURITY INFORMATION		
Golden Harvest Hybrid Series	Above- and Below-Ground Insect Protection with E-Z Refuge	Above-Ground Insect Protection with E-Z Refuge	Above- and Below-Ground Insect Protection	Above-Ground Insect Protection	No Insect Protection	Relative Maturity (RM)	GDUs to Silk	GDUs to Black Layer
	 	  			 			
	 							
G78C29		V				78	1150	1890
G80Q01		V			GTA/LL	80	1150	1810
G82B12 <i>New</i>		AA				82	1160	2050
G85B04 <i>New</i>		AA				85	1200	2140
G85Z56		V				85	1220	2140
G84J92		AA				86	1200	2140
G87A53		V-LL				87	1210	2140
G90B11 <i>New</i>		AA				90	1220	2290
G91V51	DV				Conv.-A	91	1240	2300
G90Y04		V				92	1265	2325
G92A51		AA				92	1240	2300
G93A49	D					93	1240	2325
G94P48					Conv.-A	94	1260	2400
G95D32		V			GT/LL	95	1280	2400
G96R61	DV					96	1275	2400
G97A36		V-LL				97	1290	2425
G97B68 <i>New</i>	DV					97	1290	2410
G98B99 <i>New</i>		AA				98	1290	2420
G98M44	D					98	1310	2410
G99E68	D					99	1300	2445
G00A97		AA			Conv.-A <i>New</i>	100	1295	2440
G00H12	D				GT/LL	100	1315	2420
G01B63 <i>New</i>		AA				101	1310	2445
G02K39	D	AA				102	1305	2475
G03B19 <i>New</i>		AA				103	1310	2465
G03B96	D					103	1315	2475
G03R40	DV					103	1335	2445
G04G36			3111A			104	1320	2550
G04S19	AT					104	1385	2570
G05K08	D					105	1310	2555
G06A27	D					106	1360	2550
G06B57 <i>New</i>	DV					106	1380	2550
G07F23			3111		GT, Conv.	107	1375	2570

<sup>1</sup>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.

<sup>2</sup>Disease and insect 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 rot. 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 and may change as additional data are gathered.

<sup>3</sup>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.



AGRONOMIC CHARACTERISTICS										PLANT CHARACTERISTICS						DISEASE TOLERANCE <sup>2</sup>										BRAND		
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 <sup>3</sup>	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	Golden Harvest Hybrid Series
3	3	3	2	2	6	2	3	2	-	4	3	P	S-U	SF	L	R	-	3	4	-	-	4	-	-	5	-	-	G78C29
3	3	3	3	1	3	1	4	2	-	5	4	M	U	SF	M	R	-	5	4	-	-	3	6	2	7	-	-	G80Q01
2	2	3	3	2	5	3	3	3	-	5	5	M	S-U	SD	M	R	4	4	4	4	-	-	4	-	4	-	-	G82B12 <i>New</i>
3	3	3	4	3	5	4	2	4	-	3	4	M	S-U	SD	M	R	4	4	4	3	-	-	3	-	5	-	-	G85B04 <i>New</i>
3	2	4	3	2	3	3	3	3	-	3	4	P	S-U	SF	M	R	-	3	4	-	-	4	5	3	6	-	-	G85Z56
3	3	3	2	1	4	3	4	2	1	3	5	M	S-U	SF	M	R	-	3	4	-	-	3	2	4	2	-	-	G84J92
2	2	3	4	2	2	4	4	3	-	4	4	M	S-U	SF	M	R	-	3	4	2	-	-	4	2	4	-	-	G87A53
2	2	4	3	3	4	3	2	3	-	4	4	M	S-U	SD	M	R	5	5	4	4	-	-	2	5	3	-	-	G90B11 <i>New</i>
2	2	5	4	1	3	4	3	3	6	3	4	M	U	SD	M	R	-	3	4	-	-	3	4	5	5	-	-	G91V51
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
2	3	5	3	2	3	2	3	3	3	2	3	M	S-U	SF	M	R	3	4	6	3	-	-	4	4	5	-	-	G92A51
3	3	3	2	3	2	4	3	5	1	4	5	M	P	SF	S	R	3	4	4	3	-	-	2	4	3	-	-	G93A49
3	2	3	3	1	2	3	2	3	-	3	2	F	U	SF	L	R	-	3	3	4	-	3	3	7	3	-	-	G94P48
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
2	2	3	2	2	2	3	3	2	-	2	2	F	U	SF	M	R	3	2	4	5	-	3	3	2	2	-	-	G96R61
3	2	3	3	2	4	3	4	3	4	5	5	M	U	SD	M	R	3	3	4	3	-	-	4	2	3	-	-	G97A36
3	2	3	3	2	3	3	3	2	3	3	3	M	U	SF	M	R	3	3	3	5	-	-	3	4	3	-	-	G97B68 <i>New</i>
2	2	3	4	1	3	4	3	3	3	4	4	M	S-U	SF	M	R	4	3	5	5	-	-	5	3	5	-	-	G98B99 <i>New</i>
3	3	4	5	2	4	5	3	2	3	4	4	M	P	F	M	R	5	4	4	5	4	-	5	5	5	-	-	G98M44
3	2	2	3	3	4	2	3	3	3	3	3	M	S-U	SF	M	R	2	2	5	5	-	3	3	4	4	-	-	G99E68
2	2	2	3	1	2	2	3	3	6	5	5	M	P	SD	M	R	3	3	6	4	-	-	3	4	3	-	-	G00A97
3	3	2	4	2	2	4	3	3	3	4	4	M	S-U	SF	M	R	3	5	5	3	-	3	-	2	4	-	-	G00H12
3	2	3	3	3	4	2	4	3	3	4	4	M	U	SF	M	Pi	4	3	4	4	-	-	4	3	3	-	-	G01B63 <i>New</i>
3	3	3	2	2	2	1	3	5	-	5	5	M	U	F	M	R	3	4	3	5	-	3	-	4	2	-	-	G02K39
3	3	3	3	2	2	3	2	3	5	4	5	M	U	SF	M	Pi	3	4	3	5	-	-	5	3	4	-	-	G03B19 <i>New</i>
3	3	3	4	4	2	3	5	2	-	4	3	M	S-U	SF	M	R	5	3	4	4	4	-	6	4	3	-	-	G03B96
2	2	2	2	4	2	3	4	2	-	3	4	M	U	SD	M	R	4	5	3	3	5	3	-	3	2	-	3	G03R40
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
4	3	5	3	3	3	4	3	5	-	2	2	M	S-U	SF	M	Pi	4	4	3	4	4	2	2	4	4	-	-	G04S19
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
2	2	2	3	3	5	3	3	4	-	5	4	M	S-U	SD	M	R	3	3	4	3	-	-	6	5	5	-	2	G06A27
3	3	3	3	3	1	7	4	5	-	4	4	M	S-U	SD	L	R	4	3	4	4	-	-	4	4	5	-	-	G06B57 <i>New</i>
3	3	3	2	2	3	4	3	4	-	5	5	M	S-U	SF	M	Pi	3	2	4	5	5	3	-	3	3	5	6	G07F23

**Rating Scale**

1 = Best

9 = Worst

- = Not Available

**Plant Height**

1 = Tall

9 = Short

**Ear Height**

1 = High

9 = Low

**Test Weight**

1 = High

9 = Low

**Disease Tolerance**

1 = High

9 = Low

- = Not Available

**Ear Flex**

F = Flex

SF = Semi-Flex

SD = Semi-Determinate

D = Determinate

**Root Type**

P = Penetrating

M = Modified

F = Fibrous

**Leaf Type**

U = Upright

S-U = Semi-Upright

P = Pendulum

**Husk Cover**

L = Long

M = Medium

S = Short

**Cob Color**

DR = Dark Red

R = Red

Pi = Pink










W = White

**Drought**

Artesian® water-optimized hybrid



CORN  
CHARACTERISTICS

BRAND	TRAIT OFFERS¹					MATURITY INFORMATION		
Golden Harvest Hybrid Series	Above- and Below-Ground Insect Protection with E-Z Refuge	Above-Ground Insect Protection with E-Z Refuge	Above- and Below-Ground Insect Protection	Above-Ground Insect Protection	No Insect Protection	Relative Maturity (RM)	GDUs to Silk	GDUs to Black Layer
	 	  			 			
	 							
G07G73	D	AA				107	1370	2550
G08B38 <i>New</i>		AA				108	1425	2640
G08D29	D				GTA/LL	108	1405	2560
G08R52		V				108	1370	2580
G09B15 <i>New</i>		V				109	1380	2590
G09T26		AA				109	1420	2620
G09Y24	DV					109	1420	2570
G10B61 <i>New</i>		AA				110	1420	2660
G10D21	DVZ	VZ				110	1410	2570
G10L16	DV	V				110	1395	2620
G11B63					GTA/LL	111	1425	2570
G11V76	D	AA			Conv. <i>New</i>	111	1430	2600
G12A22	DV					112	1405	2610
G12S75	D					112	1430	2630
G13B17 <i>New</i>		AA				113	1460	2620
G13D55		V				113	1420	2630
G13H15	D	AA				113	1420	2640
G13M88				3110		113	1430	2680
G13N18			3111			113	1415	2630
G13P84		AA				113	1450	2700
G13T41		AA				113	1435	2605
G13Z50	DV				GT/LL <i>New</i>	113	1435	2650
G14B32 <i>New</i>	DV					114	1430	2640
G14B65 <i>New</i>	DV					114	1435	2650
G14R38	AT	AA				114	1435	2630
G15J91		V			Conv. <i>New</i>	115	1455	2665
G15L32	DV					115	1455	2645
G16K01			3111		GT	116	1465	2690
G16Q82	DV	AA				116	1440	2700
G17A74	DV					117	1480	2675
G17A81		V				117	1400	2700
G17B31 <i>New</i>		V				117	1465	2700
G17E95				3110		117	1465	2650
G18D87			3111			118	1480	2700

¹Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium-based herbicides.

²Disease and insect 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 rot. 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 and may change as additional data are gathered.

³Flex 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.



AGRONOMIC CHARACTERISTICS										PLANT CHARACTERISTICS							DISEASE TOLERANCE <sup>2</sup>										BRAND	
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 <sup>3</sup>	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	Golden Harvest Hybrid Series
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
4	3	3	3	4	3	5	2	4	-	3	3	M	S-U	SF	L	DR	3	3	5	6	-	-	4	4	6	-	-	G08B38 <i>New</i>
2	3	3	3	1	2	5	4	4	-	4	5	M	S-U	SF	M	Pi	4	2	3	3	6	4	-	4	4	4	5	G08D29
3	3	2	2	2	4	4	4	4	-	5	5	M	U	SF	M	R	5	3	4	4	5	-	4	4	5	-	2	G08R52
3	3	4	4	2	3	5	2	4	-	4	4	P	S-U	SF	M	R	2	5	5	4	-	-	5	5	6	-	-	G09B15 <i>New</i>
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
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
5	4	2	3	4	4	4	2	4	-	4	4	F	S-U	SF	M	R	3	4	6	3	-	-	4	3	5	-	3	G10B61 <i>New</i>
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
2	3	5	4	1	4	5	2	4	-	5	6	M	S-U	SF	M	R	4	6	3	3	4	3	-	4	5	7	4	G10L16
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	3	4	2	3	4	3	2	-	4	6	F	U	SF	L	Pi	4	3	6	4	6	-	3	3	3	7	4	G11V76
3	3	3	3	3	3	4	4	3	-	4	3	M	U	SD	M	R	3	3	4	3	-	-	5	4	5	-	3	G12A22
3	2	3	2	4	5	2	4	3	-	2	4	M	U	SF	M	R	3	3	3	4	6	-	3	2	3	7	4	G12S75
5	5	2	2	4	4	3	3	4	-	3	3	M	S-U	SF	M	R	4	3	5	3	-	-	4	3	6	-	3	G13B17 <i>New</i>
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
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	3	4	3	3	2	-	5	5	M	U	SD	M	R	4	2	3	3	3	-	5	3	4	-	2	G13P84
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	-	5	4	7	5	G13Z50
3	3	3	4	3	3	4	3	3	-	2	2	P	S-U	SF	L	R	3	4	4	3	-	-	5	3	6	-	-	G14B32 <i>New</i>
4	3	2	2	2	2	3	3	4	-	2	3	M	S-U	SF	L	R	3	3	3	3	-	-	6	3	5	-	-	G14B65 <i>New</i>
3	3	2	3	3	3	4	3	3	-	3	2	M	U	SD	M	R	5	4	4	4	4	3	4	4	3	3	4	G14R38
4	4	2	3	2	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	3	-	4	5	M	S-U	SF	L	R	3	4	4	3	3	3	-	6	6	7	5	G15L32
4	3	5	3	2	3	3	2	4	-	4	4	M	P	F	M	Pi	5	4	3	3	3	5	3	4	4	6	5	G16K01
3	3	2	2	1	3	3	4	3	-	3	3	M	S-U	SF	L	R	3	3	3	4	3	-	4	3	3	-	3	G16Q82
3	3	4	4	3	5	4	4	4	-	3	5	M	S-U	SF	L	Pi	3	4	3	3	2	-	3	3	5	-	4	G17A74
3	2	3	3	3	3	3	2	5	-	4	3	M	S-U	SF	L	DR	3	3	3	4	3	-	4	3	4	-	3	G17A81
3	3	3	3	4	2	3	3	4	-	2	3	M	S-U	SF	L	R	3	2	4	4	-	-	3	3	5	-	-	G17B31 <i>New</i>
3	4	3	2	5	3	3	3	2	-	2	3	F	S-U	SF	L	R	3	4	2	3	4	-	-	-	2	4	3	G17E95
4	4	4	3	3	3	2	3	2	-	2	3	M	S-U	SF	L	R	3	3	4	3	3	5	-	2	4	3	3	G18D87

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

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

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

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

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

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

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

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

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

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

**Drought**  
Artesian® water-optimized hybrid

CORN AGRONOMIC MANAGEMENT

Brand		Agronomic Management and Placement Traits												End Use Traits				
Golden Harvest Hybrid Series	Relative Maturity (RM)	Seeding Rate (x1000k)					Characteristics		Adaptation to Soil Types/ Yield Environments						Starch	Protein	Oil	Beef Feed-to-Gain
		150 bu	190 bu	220 bu	260 bu	300 bu	Root Strength	Stalk Strength	Continuous Corn	Drought Prone	High pH	Highly Productive	Variable	Poorly Drained				
G78C29	78	26.0	32.0	37.5	41.0	44.0	3	2	B	G	G	B	G	B	B	F	G	G
G80Q01	80	26.0	29.5	30.5	32.0	33.0	3	3	G	B	G	G	B	G	G	G	F	P
G82B12 <i>New</i>	82	30.5	32.5	34.0	36.0	38.0	3	3	G	B	G	G	B	B	G	G	G	G
G85B04 <i>New</i>	85	31.5	32.5	34.0	35.0	36.5	3	4	F	G	G	B	G	G	G	G	G	G
G85Z56	85	22.0	27.0	32.0	37.0	40.0	4	3	B	B	F	B	B	B	G	G	F	B
G84J92	86	24.5	29.5	34.5	40.0	44.0	3	2	G	B	F	B	B	B	B	B	F	G
G87A53	87	20.0	25.5	29.0	31.5	34.0	3	4	G	B	G	B	B	G	G	G	G	F
G90B11 <i>New</i>	90	30.5	31.5	32.0	33.5	34.5	4	3	G	G	G	B	B	B	G	G	G	G
G91V51	91	24.0	29.0	30.5	32.5	34.0	5	4	F	B	F	B	B	G	G	P	G	G
G90Y04	92	26.0	32.0	33.0	34.0	35.0	4	2	B	B	G	B	B	G	B	G	F	G
G92A51	92	19.5	25.0	28.5	31.0	33.5	5	3	B	B	G	G	B	F	G	F	P	F
G93A49	93	26.0	32.0	33.5	35.0	36.5	3	2	G	G	F	B	B	B	F	G	G	G
G94P48	94	26.0	32.5	33.5	34.5	35.0	3	3	G	B	G	G	B	B	F	B	B	G
G95D32	95	24.5	28.0	31.0	34.5	38.0	3	2	G	B	G	B	B	B	B	G	G	G
G96R61	96	26.0	30.5	33.5	37.0	40.0	3	2	G	B	F	G	G	B	G	B	F	F
G97A36	97	24.0	28.5	31.5	34.0	37.0	3	3	B	B	P	B	G	G	G	G	G	G
G97B68 <i>New</i>	97	30.5	33.0	34.5	37.0	39.5	3	3	G	G	B	B	G	G	G	G	G	G
G98B99 <i>New</i>	98	30.5	32.0	33.0	34.5	36.0	3	4	G	G	G	B	B	G	G	G	G	G
G98M44	98	22.5	26.0	29.5	33.0	36.5	4	5	F	B	G	F	G	F	F	G	B	F
G99E68	99	26.0	33.0	34.0	35.0	36.0	2	3	G	G	G	B	G	B	G	G	F	F
G00A97	100	21.0	25.0	29.5	33.5	37.5	2	3	B	G	G	B	B	B	B	F	G	F
G00H12	100	28.5	35.5	36.0	37.0	37.5	2	4	G	G	B	B	G	G	F	B	B	P
G01B63 <i>New</i>	101	31.0	32.5	34.0	35.5	37.5	3	3	G	G	G	B	G	G	G	G	G	G
G02K39	102	28.5	32.5	35.5	38.0	41.0	3	2	G	B	F	B	B	B	G	G	B	B
G03B19 <i>New</i>	103	30.0	30.5	31.0	31.5	32.0	3	3	G	G	F	G	G	G	G	G	G	G
G03B96	103	17.0	21.5	26.5	32.0	37.0	3	4	G	G	G	G	G	G	F	G	F	P
G03R40	103	20.5	25.5	31.0	36.0	41.0	2	2	G	G	G	B	G	B	G	G	B	F
G04G36	104	22.0	27.0	32.5	37.5	42.5	2	3	F	B	F	G	G	G	G	F	G	B
G04S19	104	26.0	28.5	30.5	32.5	34.5	5	3	G	G	P	B	B	G	B	F	F	B
G05K08	105	17.0	21.5	25.0	32.0	39.0	4	3	G	B	G	B	B	G	G	G	B	B
G06A27	106	19.0	24.0	27.0	29.5	35.0	2	3	G	F	G	G	B	B	B	P	P	G
G06B57 <i>New</i>	106	31.0	34.0	36.5	39.5	42.5	3	3	B	F	F	G	G	F	F	G	G	G
G07F23	107	20.5	25.0	29.5	34.0	38.5	3	2	G	B	P	B	B	G	G	F	B	B

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

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

Drought  
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.

Brand		Agronomic Management and Placement Traits												End Use Traits				
Golden Harvest Hybrid Series	Relative Maturity (RM)	Seeding Rate (x1000k)					Characteristics		Adaptation to Soil Types/ Yield Environments						Starch	Protein	Oil	Beef Feed-to-Gain
		150 bu	190 bu	220 bu	260 bu	300 bu	Root Strength	Stalk Strength	Continuous Corn	Drought Prone	High pH	Highly Productive	Variable	Poorly Drained				
G07G73	107	19.0	24.0	27.0	30.5	35.0	3	3	G	G	G	B	G	G	F	F	B	G
G08B38 <i>New</i>	108	31.5	33.0	34.0	35.5	36.5	3	3	B	F	F	B	G	G	G	G	G	G
G08D29	108	24.0	27.0	30.0	33.0	36.0	3	3	B	B	F	B	B	G	G	F	B	G
G08R52	108	28.5	33.5	36.0	39.0	41.5	2	2	G	B	G	F	G	G	B	G	P	G
G09B15 <i>New</i>	109	29.0	31.0	32.0	34.0	36.0	4	4	G	B	G	B	B	G	G	G	G	G
G09T26	109	26.0	33.0	34.5	36.5	38.0	2	2	G	F	F	B	G	G	G	F	B	B
G09Y24	109	23.5	26.0	28.5	31.0	34.0	4	4	F	B	P	B	B	G	G	G	B	F
G10B61 <i>New</i>	110	31.0	32.5	33.5	34.5	36.0	2	3	B	G	F	B	G	G	G	G	G	G
G10D21	110	28.5	32.5	35.5	39.0	42.0	3	3	G	F	F	G	G	G	G	G	B	F
G10L16	110	25.5	30.5	32.0	33.0	34.5	5	4	G	B	F	B	G	G	G	F	G	G
G11B63	111	20.0	24.5	29.0	33.5	38.0	3	4	G	B	G	G	F	P	B	G	F	B
G11V76	111	26.5	29.0	31.0	33.5	35.5	3	4	G	G	G	G	B	G	B	G	P	F
G12A22	112	21.5	24.5	27.0	30.0	33.0	3	3	G	G	F	B	G	G	G	F	P	B
G12S75	112	24.0	27.0	30.0	33.0	35.5	3	2	B	P	F	B	B	B	G	G	F	G
G13B17 <i>New</i>	113	30.5	32.0	33.5	35.0	36.5	2	2	B	F	F	G	B	G	G	G	F	G
G13D55	113	19.0	24.0	27.0	29.5	33.0	3	2	G	G	G	G	F	G	F	F	G	-
G13H15	113	26.0	29.5	32.0	34.5	36.5	3	2	G	G	F	B	B	B	G	G	B	G
G13M88	113	26.0	32.0	34.5	37.0	39.0	2	3	G	G	G	B	G	G	F	B	B	G
G13N18	113	26.0	28.5	29.5	31.0	32.0	5	4	B	G	G	B	G	F	F	G	F	B
G13P84	113	26.0	31.0	32.0	33.0	34.0	2	3	G	F	P	G	G	G	G	G	F	F
G13T41	113	26.0	30.0	34.0	38.0	41.5	2	2	B	B	P	B	B	B	G	F	B	G
G13Z50	113	27.5	31.0	33.0	35.0	37.0	2	4	G	F	G	B	B	B	B	F	P	B
G14B32 <i>New</i>	114	30.0	32.0	33.5	35.4	37.0	3	4	G	G	F	G	G	F	G	G	G	G
G14B65 <i>New</i>	114	30.5	31.5	32.5	33.5	35.0	2	2	G	G	G	F	F	F	G	G	G	G
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	25.5	29.0	32.0	35.0	38.0	2	3	F	G	G	B	B	B	G	G	P	G
G15L32	115	26.0	30.5	31.5	32.5	34.0	3	4	G	F	B	B	G	G	B	F	G	B
G16K01	116	22.0	28.0	32.0	35.0	37.0	5	3	G	B	P	B	B	F	G	F	G	G
G16Q82	116	27.5	32.0	32.5	33.0	33.5	2	2	G	B	G	B	B	B	B	F	P	F
G17A74	117	21.0	26.5	30.5	33.0	35.5	4	4	F	F	B	B	G	F	G	G	G	G
G17A81	117	20.5	26.0	29.5	32.0	34.5	3	3	G	F	G	G	G	B	B	F	P	G
G17B31 <i>New</i>	117	30.5	32.5	34.0	36.5	38.5	3	3	F	F	G	G	G	B	-	-	-	-
G17E95	117	26.0	29.0	30.5	32.0	33.5	3	2	G	F	F	B	G	G	F	G	B	F
G18D87	118	26.0	30.0	32.0	33.5	35.5	4	3	B	G	G	B	G	G	G	B	F	F

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

Score Interpretation  
B = Best  
G = Good  
F = Fair  
P = Poor  
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Drought  
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.



ENOGEN

“SWITCHING TO ENOGEN FOR OUR GROUND  
CORN HAS BEEN A GREAT MOVE FOR  
OUR HERD. OUR ENOGEN FIELDS ARE  
CONSISTENTLY HIGH YIELDING, HIGH  
QUALITY AND GRIND WELL.”

DAN VENTEICHER  
GOLDEN HARVEST ENOGEN FARMER  
EDGEWOOD, IOWA



## HYBRIDS YOU’LL LOOK FORWARD TO LEARNING MORE ABOUT

In the 2024 season, five new Enogen® hybrids will be available, broadening a proven, high-yield potential product portfolio across a variety of soil conditions. Enogen corn may help beef and dairy producers create a more sustainable future for themselves and those they serve. Efficiencies gained by feeding Enogen corn may also help lower input costs and enhance profit potential while reducing environmental impact.

### THE KEY TO FEED EFFICIENCY

Enogen corn contains a robust alpha amylase enzyme that quickly converts starch to usable sugars, meaning there is more available energy per pound of Enogen silage or grain than in any other corn, leading to **an increase in feed efficiency in beef cattle and dairy cows of about 5%.<sup>1</sup>**



← Scan to learn more  
about Enogen

### PROMOTING SUSTAINABILITY

Life cycle assessment (LCA) shows an opportunity for significant environmental savings. Increasing ECM feed efficiency by 4% in the dairy could yield savings like these per 1,000 lactating cow herd:<sup>2</sup>



**CLIMATE CHANGE** // 1.4M kg CO<sub>2</sub>e  
GHG equivalent of 314 passenger cars for 1 year



**LAND USE** // 249 acres  
Land use equivalent of 189 football fields for 1 year



**WATER USE** // 13 million gallons  
Enough water to fill 21 Olympic swimming pools



**ENERGY USE** // 220K kWh  
Energy to power 19 average homes over 1 year

### ETHANOL PRODUCTION

Enogen hybrids offer the first biotech corn output trait designed for ethanol production with advantages that reach far beyond the field. These 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. The market speaks, and we listen.

<sup>1</sup> University of Nebraska-Lincoln Research Studies, 2013-2017; Kansas State University Research Study, 2017; Pennsylvania State University, 2019.

<sup>2</sup> Based on LCA conducted by the Sustainable Solutions Corp. 2021, for 1,000 lactating cow dairy herd annual ECM production, using these experimental data and resources: Cueva et al., 2021. Lactational performance, rumen fermentation, and enteric methane emission of dairy cows fed an amylase-enabled corn silage. J. Dairy Sci. 104, vol 9, 9827-9841 <https://doi.org/10.3168/jds.2021-20251>; 39.5 kg average ECM/cow/day basis; <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>; and <https://www.eia.gov/energyexplained/units-and-calculators/energy-conversion-calculators.php>

# ENOGEN

Hybrid Series

"E" indicates Enogen corn.  
All hybrids within this series were developed from the same base genetics.

Indicates relative maturity.

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

Trait options available in this hybrid series.

- "D" indicates the presence of Duracade® for above- and below-ground insect protection.
- The **dash** separates the genetic and trait portions.
- NEW:** Indicates hybrid series or hybrid trait options new for 2024.

RM

Specific relative maturity for this hybrid series.

E085Z5

E085Z5-D Brand NEW

NEW // RM: 85

Provides Great Yield Potential with a Consistent, Well-placed Ear

- Adaptable to most soil types, including drought-prone soils
- Strong emergence and early-season vigor offer a fast start out of the ground
- Consistent ear that dries down and allows Northern movement

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

Map

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

Insect protection, herbicide tolerance and other traits.

E085Z5

E085Z5-D Brand NEW

NEW // RM: 85

Provides Great Yield Potential with a Consistent, Well-placed Ear

- Adaptable to most soil types, including drought-prone soils
- Strong emergence and early-season vigor offer a fast start out of the ground
- Consistent ear that dries down and allows Northern movement

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

E094Z4

E094Z4-D Brand NEW

NEW // RM: 94

Solid Yield Potential with Versatility Across Changing Soil Types

- Taller plant type with moderate ear height and ear flex
- Very strong roots and solid stalks
- Outstanding emergence leads to a fast start

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

E095D3

E095D3-D Brand

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

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

E105Z5

E105Z5-D Brand NEW

NEW // RM: 105

Exceptional Dual-purpose Enogen Hybrid with Outstanding Drought Tolerance

- Excellent drought and green snap tolerance
- Strong emergence to allow for early planting
- Dependable disease package for season-long protection

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

GOLDEN HARVEST SEED GUIDE 2024

CELEBRATING 50 SEASONS

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E107C1

E107C1-D Brand

RM: 107

Lead Enogen Hybrid for the Central and Eastern Silage Markets

▪ Excellent choice for continuous corn acres

▪ Stable performance with good heat stress tolerance

▪ Characteristics built for the silage market

Rating

Emergence

Root Strength

Stalk Strength

Staygreen

Drydown

Drought

9

7

5

3

BEST 1

Duracade

E111V7

E111V7-D Brand

RM: 111

Versatility Across Soil Types Combined with Strong Drought Tolerance

▪ Excellent yield potential across all environments

▪ Fast drydown and good grain quality

▪ Dependable emergence in stress environments

Rating

Emergence

Root Strength

Stalk Strength

Staygreen

Drydown

Drought

9

7

5

3

BEST 1

Duracade

E114Z4

E114Z4-D Brand NEW

NEW // RM: 114

Strong Yield Performance with Versatility Across Environments

▪ Superb drydown for ease of harvest

▪ Strong plant health package with attractive plant type

▪ Dependable emergence and seedling vigor for early planting

Rating

Emergence

Root Strength

Stalk Strength

Staygreen

Drydown

Drought

9

7

5

3

BEST 1

Duracade

E117Z7

E117Z7-D Brand NEW

NEW // RM: 117

Robust Plant Type with Outstanding Dual-purpose Potential

▪ Dependable staygreen with moderate drydown

▪ Strong emergence with outstanding vigor for early-planted acres

▪ Broadly adapted genetics with excellent silage tonnage potential

Rating

Emergence

Root Strength

Stalk Strength

Staygreen

Drydown

Drought

9

7

5

3

BEST 1

Duracade

# ENOGEN CORN CHARACTERISTICS

BRAND	TRAIT OFFERS¹		MATURITY INFORMATION			AGRONOMIC CHARACTERISTICS										PLANT CHARACTERISTICS					DISEASE TOLERANCE²												
Enogen Hybrid Series	Above- and Below-Ground Insect Protection E-Z Refuge	Above- and Below-Ground Insect Protection	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 Flex³	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
						3	3	3	3	1	3	1	4	2	-	5	4	M	U	SF	M	R	-	5	4	-	-	3	6	2	7	-	-
E080Q1	D		80	1150	1810	3	3	3	3	1	3	1	4	2	-	5	4	M <td>U<td>SF<td>M<td>R</td><td>-</td><td>5</td><td>4</td><td>-</td><td>-</td><td>3</td><td>6</td><td>2</td><td>7</td><td>-</td><td>-</td></td></td></td>	U <td>SF<td>M<td>R</td><td>-</td><td>5</td><td>4</td><td>-</td><td>-</td><td>3</td><td>6</td><td>2</td><td>7</td><td>-</td><td>-</td></td></td>	SF <td>M<td>R</td><td>-</td><td>5</td><td>4</td><td>-</td><td>-</td><td>3</td><td>6</td><td>2</td><td>7</td><td>-</td><td>-</td></td>	M <td>R</td> <td>-</td> <td>5</td> <td>4</td> <td>-</td> <td>-</td> <td>3</td> <td>6</td> <td>2</td> <td>7</td> <td>-</td> <td>-</td>	R	-	5	4	-	-	3	6	2	7	-	-
E085Z5 New	D		85	1200	2140	3	3	3	4	3	5	4	2	4	-	3	4	M <td>S-U<td>SD<td>M<td>R</td><td>4</td><td>4</td><td>4</td><td>3</td><td>-</td><td>-</td><td>3</td><td>-</td><td>5</td><td>-</td><td>-</td></td></td></td>	S-U <td>SD<td>M<td>R</td><td>4</td><td>4</td><td>4</td><td>3</td><td>-</td><td>-</td><td>3</td><td>-</td><td>5</td><td>-</td><td>-</td></td></td>	SD <td>M<td>R</td><td>4</td><td>4</td><td>4</td><td>3</td><td>-</td><td>-</td><td>3</td><td>-</td><td>5</td><td>-</td><td>-</td></td>	M <td>R</td> <td>4</td> <td>4</td> <td>4</td> <td>3</td> <td>-</td> <td>-</td> <td>3</td> <td>-</td> <td>5</td> <td>-</td> <td>-</td>	R	4	4	4	3	-	-	3	-	5	-	-
E092W5	D		92	1240	2300	2	2	5	4	1	3	4	3	3	6	3	4	M <td>U<td>SD<td>M<td>R</td><td>-</td><td>3</td><td>4</td><td>-</td><td>-</td><td>3</td><td>4</td><td>5</td><td>5</td><td>-</td><td>-</td></td></td></td>	U <td>SD<td>M<td>R</td><td>-</td><td>3</td><td>4</td><td>-</td><td>-</td><td>3</td><td>4</td><td>5</td><td>5</td><td>-</td><td>-</td></td></td>	SD <td>M<td>R</td><td>-</td><td>3</td><td>4</td><td>-</td><td>-</td><td>3</td><td>4</td><td>5</td><td>5</td><td>-</td><td>-</td></td>	M <td>R</td> <td>-</td> <td>3</td> <td>4</td> <td>-</td> <td>-</td> <td>3</td> <td>4</td> <td>5</td> <td>5</td> <td>-</td> <td>-</td>	R	-	3	4	-	-	3	4	5	5	-	-
E094Z4 New	D		94	1260	2390	2	2	2	3	4	4	4	3	4	-	3	4	M <td>S-U<td>SF<td>M<td>R</td><td>4</td><td>4</td><td>4</td><td>2</td><td>-</td><td>-</td><td>4</td><td>6</td><td>5</td><td>-</td><td>-</td></td></td></td>	S-U <td>SF<td>M<td>R</td><td>4</td><td>4</td><td>4</td><td>2</td><td>-</td><td>-</td><td>4</td><td>6</td><td>5</td><td>-</td><td>-</td></td></td>	SF <td>M<td>R</td><td>4</td><td>4</td><td>4</td><td>2</td><td>-</td><td>-</td><td>4</td><td>6</td><td>5</td><td>-</td><td>-</td></td>	M <td>R</td> <td>4</td> <td>4</td> <td>4</td> <td>2</td> <td>-</td> <td>-</td> <td>4</td> <td>6</td> <td>5</td> <td>-</td> <td>-</td>	R	4	4	4	2	-	-	4	6	5	-	-
E095D3	D		95	1280	2400	3	3	3	2	2	5	2	3	2	1	3	4	F <td>S-U<td>F<td>M<td>R</td><td>4</td><td>5</td><td>3</td><td>4</td><td>-</td><td>2</td><td>3</td><td>4</td><td>3</td><td>4</td><td>-</td></td></td></td>	S-U <td>F<td>M<td>R</td><td>4</td><td>5</td><td>3</td><td>4</td><td>-</td><td>2</td><td>3</td><td>4</td><td>3</td><td>4</td><td>-</td></td></td>	F <td>M<td>R</td><td>4</td><td>5</td><td>3</td><td>4</td><td>-</td><td>2</td><td>3</td><td>4</td><td>3</td><td>4</td><td>-</td></td>	M <td>R</td> <td>4</td> <td>5</td> <td>3</td> <td>4</td> <td>-</td> <td>2</td> <td>3</td> <td>4</td> <td>3</td> <td>4</td> <td>-</td>	R	4	5	3	4	-	2	3	4	3	4	-
E100A3	D		100	1320	2445	3	2	3	3	2	4	2	3	4	-	4	4	P <td>S-U<td>SF<td>M<td>R</td><td>3</td><td>3</td><td>4</td><td>3</td><td>-</td><td>-</td><td>3</td><td>4</td><td>4</td><td>-</td><td>-</td></td></td></td>	S-U <td>SF<td>M<td>R</td><td>3</td><td>3</td><td>4</td><td>3</td><td>-</td><td>-</td><td>3</td><td>4</td><td>4</td><td>-</td><td>-</td></td></td>	SF <td>M<td>R</td><td>3</td><td>3</td><td>4</td><td>3</td><td>-</td><td>-</td><td>3</td><td>4</td><td>4</td><td>-</td><td>-</td></td>	M <td>R</td> <td>3</td> <td>3</td> <td>4</td> <td>3</td> <td>-</td> <td>-</td> <td>3</td> <td>4</td> <td>4</td> <td>-</td> <td>-</td>	R	3	3	4	3	-	-	3	4	4	-	-
E100H1	D		100	1315	2420	3	3	2	4	2	2	4	3	3	3	4	4	M <td>S-U<td>SF<td>M<td>R</td><td>3</td><td>5</td><td>5</td><td>3</td><td>-</td><td>3</td><td>-</td><td>2</td><td>4</td><td>-</td><td>-</td></td></td></td>	S-U <td>SF<td>M<td>R</td><td>3</td><td>5</td><td>5</td><td>3</td><td>-</td><td>3</td><td>-</td><td>2</td><td>4</td><td>-</td><td>-</td></td></td>	SF <td>M<td>R</td><td>3</td><td>5</td><td>5</td><td>3</td><td>-</td><td>3</td><td>-</td><td>2</td><td>4</td><td>-</td><td>-</td></td>	M <td>R</td> <td>3</td> <td>5</td> <td>5</td> <td>3</td> <td>-</td> <td>3</td> <td>-</td> <td>2</td> <td>4</td> <td>-</td> <td>-</td>	R	3	5	5	3	-	3	-	2	4	-	-
E105T1		3000GT	105	1355	2550	2	2	5	2	2	4	2	3	4	2	2	3	M <td>U<td>SF<td>M<td>Pi</td><td>4</td><td>5</td><td>3</td><td>4</td><td>4</td><td>4</td><td>2</td><td>3</td><td>2</td><td>3</td><td>-</td></td></td></td>	U <td>SF<td>M<td>Pi</td><td>4</td><td>5</td><td>3</td><td>4</td><td>4</td><td>4</td><td>2</td><td>3</td><td>2</td><td>3</td><td>-</td></td></td>	SF <td>M<td>Pi</td><td>4</td><td>5</td><td>3</td><td>4</td><td>4</td><td>4</td><td>2</td><td>3</td><td>2</td><td>3</td><td>-</td></td>	M <td>Pi</td> <td>4</td> <td>5</td> <td>3</td> <td>4</td> <td>4</td> <td>4</td> <td>2</td> <td>3</td> <td>2</td> <td>3</td> <td>-</td>	Pi	4	5	3	4	4	4	2	3	2	3	-
E105Z5 New	D		105	1355	2560	3	3	5	3	3	2	3	3	5	-	1	4	M <td>S-U<td>SF<td>M<td>Pi</td><td>3</td><td>5</td><td>3</td><td>3</td><td>-</td><td>-</td><td>2</td><td>5</td><td>3</td><td>-</td><td>-</td></td></td></td>	S-U <td>SF<td>M<td>Pi</td><td>3</td><td>5</td><td>3</td><td>3</td><td>-</td><td>-</td><td>2</td><td>5</td><td>3</td><td>-</td><td>-</td></td></td>	SF <td>M<td>Pi</td><td>3</td><td>5</td><td>3</td><td>3</td><td>-</td><td>-</td><td>2</td><td>5</td><td>3</td><td>-</td><td>-</td></td>	M <td>Pi</td> <td>3</td> <td>5</td> <td>3</td> <td>3</td> <td>-</td> <td>-</td> <td>2</td> <td>5</td> <td>3</td> <td>-</td> <td>-</td>	Pi	3	5	3	3	-	-	2	5	3	-	-
E107C1	D		107	1400	2500	3	4	2	3	3	5	3	4	3	-	1	4	M <td>S-U<td>SF<td>M<td>Pi</td><td>3</td><td>4</td><td>5</td><td>5</td><td>3</td><td>-</td><td>5</td><td>3</td><td>5</td><td>-</td><td>4</td></td></td></td>	S-U <td>SF<td>M<td>Pi</td><td>3</td><td>4</td><td>5</td><td>5</td><td>3</td><td>-</td><td>5</td><td>3</td><td>5</td><td>-</td><td>4</td></td></td>	SF <td>M<td>Pi</td><td>3</td><td>4</td><td>5</td><td>5</td><td>3</td><td>-</td><td>5</td><td>3</td><td>5</td><td>-</td><td>4</td></td>	M <td>Pi</td> <td>3</td> <td>4</td> <td>5</td> <td>5</td> <td>3</td> <td>-</td> <td>5</td> <td>3</td> <td>5</td> <td>-</td> <td>4</td>	Pi	3	4	5	5	3	-	5	3	5	-	4
E109R3		3000GT	109	1395	2570	3	2	5	2	2	4	2	4	2	-	2	3	M <td>U<td>SD<td>M<td>Pi</td><td>3</td><td>3</td><td>5</td><td>-</td><td>4</td><td>6</td><td>2</td><td>-</td><td>2</td><td>3</td><td>-</td></td></td></td>	U <td>SD<td>M<td>Pi</td><td>3</td><td>3</td><td>5</td><td>-</td><td>4</td><td>6</td><td>2</td><td>-</td><td>2</td><td>3</td><td>-</td></td></td>	SD <td>M<td>Pi</td><td>3</td><td>3</td><td>5</td><td>-</td><td>4</td><td>6</td><td>2</td><td>-</td><td>2</td><td>3</td><td>-</td></td>	M <td>Pi</td> <td>3</td> <td>3</td> <td>5</td> <td>-</td> <td>4</td> <td>6</td> <td>2</td> <td>-</td> <td>2</td> <td>3</td> <td>-</td>	Pi	3	3	5	-	4	6	2	-	2	3	-
E110F4	D		110	1420	2620	3	3	4	4	3	2	5	2	4	-	4	3	M <td>S-U<td>F<td>M<td>R</td><td>4</td><td>3</td><td>3</td><td>2</td><td>4</td><td>-</td><td>6</td><td>2</td><td>4</td><td>-</td><td>3</td></td></td></td>	S-U <td>F<td>M<td>R</td><td>4</td><td>3</td><td>3</td><td>2</td><td>4</td><td>-</td><td>6</td><td>2</td><td>4</td><td>-</td><td>3</td></td></td>	F <td>M<td>R</td><td>4</td><td>3</td><td>3</td><td>2</td><td>4</td><td>-</td><td>6</td><td>2</td><td>4</td><td>-</td><td>3</td></td>	M <td>R</td> <td>4</td> <td>3</td> <td>3</td> <td>2</td> <td>4</td> <td>-</td> <td>6</td> <td>2</td> <td>4</td> <td>-</td> <td>3</td>	R	4	3	3	2	4	-	6	2	4	-	3
E111V7	D		111	1430	2600	3	3	3	4	2	3	4	3	2	-	4	6	F <td>U<td>SF<td>L<td>Pi</td><td>4</td><td>3</td><td>6</td><td>4</td><td>6</td><td>-</td><td>3</td><td>3</td><td>3</td><td>7</td><td>4</td></td></td></td>	U <td>SF<td>L<td>Pi</td><td>4</td><td>3</td><td>6</td><td>4</td><td>6</td><td>-</td><td>3</td><td>3</td><td>3</td><td>7</td><td>4</td></td></td>	SF <td>L<td>Pi</td><td>4</td><td>3</td><td>6</td><td>4</td><td>6</td><td>-</td><td>3</td><td>3</td><td>3</td><td>7</td><td>4</td></td>	L <td>Pi</td> <td>4</td> <td>3</td> <td>6</td> <td>4</td> <td>6</td> <td>-</td> <td>3</td> <td>3</td> <td>3</td> <td>7</td> <td>4</td>	Pi	4	3	6	4	6	-	3	3	3	7	4
E112S5	D		112	1430	2630	3	2	3	2	4	5	2	4	3	-	2	4	M <td>U<td>SF<td>M<td>R</td><td>3</td><td>3</td><td>3</td><td>4</td><td>6</td><td>-</td><td>3</td><td>2</td><td>3</td><td>7</td><td>4</td></td></td></td>	U <td>SF<td>M<td>R</td><td>3</td><td>3</td><td>3</td><td>4</td><td>6</td><td>-</td><td>3</td><td>2</td><td>3</td><td>7</td><td>4</td></td></td>	SF <td>M<td>R</td><td>3</td><td>3</td><td>3</td><td>4</td><td>6</td><td>-</td><td>3</td><td>2</td><td>3</td><td>7</td><td>4</td></td>	M <td>R</td> <td>3</td> <td>3</td> <td>3</td> <td>4</td> <td>6</td> <td>-</td> <td>3</td> <td>2</td> <td>3</td> <td>7</td> <td>4</td>	R	3	3	3	4	6	-	3	2	3	7	4
E113N8		3000GT	113	1415	2630	3	4	5	4	3	4	5	3	6	-	4	5	F <td>S-U<td>F<td>M<td>W</td><td>6</td><td>4</td><td>4</td><td>5</td><td>2</td><td>6</td><td>4</td><td>-</td><td>4</td><td>3</td><td>6</td></td></td></td>	S-U <td>F<td>M<td>W</td><td>6</td><td>4</td><td>4</td><td>5</td><td>2</td><td>6</td><td>4</td><td>-</td><td>4</td><td>3</td><td>6</td></td></td>	F <td>M<td>W</td><td>6</td><td>4</td><td>4</td><td>5</td><td>2</td><td>6</td><td>4</td><td>-</td><td>4</td><td>3</td><td>6</td></td>	M <td>W</td> <td>6</td> <td>4</td> <td>4</td> <td>5</td> <td>2</td> <td>6</td> <td>4</td> <td>-</td> <td>4</td> <td>3</td> <td>6</td>	W	6	4	4	5	2	6	4	-	4	3	6
E113Z5	D		113	1435	2650	2	2	2	4	3	3	3	2	4	-	4	4	M <td>S-U<td>SD<td>M<td>R</td><td>4</td><td>3</td><td>3</td><td>3</td><td>4</td><td>4</td><td>-</td><td>5</td><td>4</td><td>7</td><td>5</td></td></td></td>	S-U <td>SD<td>M<td>R</td><td>4</td><td>3</td><td>3</td><td>3</td><td>4</td><td>4</td><td>-</td><td>5</td><td>4</td><td>7</td><td>5</td></td></td>	SD <td>M<td>R</td><td>4</td><td>3</td><td>3</td><td>3</td><td>4</td><td>4</td><td>-</td><td>5</td><td>4</td><td>7</td><td>5</td></td>	M <td>R</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> <td>4</td> <td>4</td> <td>-</td> <td>5</td> <td>4</td> <td>7</td> <td>5</td>	R	4	3	3	3	4	4	-	5	4	7	5
E114Z4 New	D		114	1435	2660	3	3	4	3	3	4	3	2	4	-	3	3	M <td>S-U<td>SF<td>M<td>R</td><td>4</td><td>3</td><td>4</td><td>2</td><td>-</td><td>-</td><td>4</td><td>-</td><td>4</td><td>-</td><td>3</td></td></td></td>	S-U <td>SF<td>M<td>R</td><td>4</td><td>3</td><td>4</td><td>2</td><td>-</td><td>-</td><td>4</td><td>-</td><td>4</td><td>-</td><td>3</td></td></td>	SF <td>M<td>R</td><td>4</td><td>3</td><td>4</td><td>2</td><td>-</td><td>-</td><td>4</td><td>-</td><td>4</td><td>-</td><td>3</td></td>	M <td>R</td> <td>4</td> <td>3</td> <td>4</td> <td>2</td> <td>-</td> <td>-</td> <td>4</td> <td>-</td> <td>4</td> <td>-</td> <td>3</td>	R	4	3	4	2	-	-	4	-	4	-	3
E116K4		3000GT	116	1465	2690	4	3	5	3	2	3	3	2	4	-	4	4	M <td>P<td>F<td>M<td>Pi</td><td>5</td><td>4</td><td>3</td><td>3</td><td>3</td><td>5</td><td>3</td><td>4</td><td>4</td><td>6</td><td>5</td></td></td></td>	P <td>F<td>M<td>Pi</td><td>5</td><td>4</td><td>3</td><td>3</td><td>3</td><td>5</td><td>3</td><td>4</td><td>4</td><td>6</td><td>5</td></td></td>	F <td>M<td>Pi</td><td>5</td><td>4</td><td>3</td><td>3</td><td>3</td><td>5</td><td>3</td><td>4</td><td>4</td><td>6</td><td>5</td></td>	M <td>Pi</td> <td>5</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> <td>5</td> <td>3</td> <td>4</td> <td>4</td> <td>6</td> <td>5</td>	Pi	5	4	3	3	3	5	3	4	4	6	5
E117Z7 New	D		117	1465	2700	3	2	4	4	3	2	3	4	5	-	2	3	M <td>S-U<td>SF<td>M<td>DR</td><td>3</td><td>4</td><td>3</td><td>3</td><td>-</td><td>-</td><td>3</td><td>-</td><td>3</td><td>-</td><td>-</td></td></td></td>	S-U <td>SF<td>M<td>DR</td><td>3</td><td>4</td><td>3</td><td>3</td><td>-</td><td>-</td><td>3</td><td>-</td><td>3</td><td>-</td><td>-</td></td></td>	SF <td>M<td>DR</td><td>3</td><td>4</td><td>3</td><td>3</td><td>-</td><td>-</td><td>3</td><td>-</td><td>3</td><td>-</td><td>-</td></td>	M <td>DR</td> <td>3</td> <td>4</td> <td>3</td> <td>3</td> <td>-</td> <td>-</td> <td>3</td> <td>-</td> <td>3</td> <td>-</td> <td>-</td>	DR	3	4	3	3	-	-	3	-	3	-	-
E118D8		3000GT	118	1480	2700	4	4	4	3	3	3	2	3	2	-	2	3	M <td>S-U<td>SF<td>L<td>R</td><td>3</td><td>3</td><td>4</td><td>3</td><td>3</td><td>5</td><td>-</td><td>2</td><td>4</td><td>3</td><td>3</td></td></td></td>	S-U <td>SF<td>L<td>R</td><td>3</td><td>3</td><td>4</td><td>3</td><td>3</td><td>5</td><td>-</td><td>2</td><td>4</td><td>3</td><td>3</td></td></td>	SF <td>L<td>R</td><td>3</td><td>3</td><td>4</td><td>3</td><td>3</td><td>5</td><td>-</td><td>2</td><td>4</td><td>3</td><td>3</td></td>	L <td>R</td> <td>3</td> <td>3</td> <td>4</td> <td>3</td> <td>3</td> <td>5</td> <td>-</td> <td>2</td> <td>4</td> <td>3</td> <td>3</td>	R	3	3	4	3	3	5	-	2	4	3	3

Rating Scale

1 = Best

9 = Worst

- = Not Available

Ear Height

1 = High

9 = Low

Disease Tolerance

1 = High

9 = Low

- = Not Available

Root Type

P = Penetrating

M = Modified

F = Fibrous

Husk Cover

L = Long

M = Medium

S = Short

Drought

Artesian® water-optimized hybrid

Plant Height

1 = Tall

9 = Short

Test Weight

1 = High

9 = Low

Ear Flex

F = Flex

SF = Semi-Flex

SD = Semi-Determinate

D = Determinate

Leaf Type

U = Upright

S-U = Semi-Upright

P = Pendulum

Cob Color

DR = Dark Red

R = Red

Pi = Pink

W = White

¹Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium-based herbicides.

²Disease and insect 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 rot. 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 and may change as additional data are gathered.

³Flex 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.

CELEBRATING 50 SEASONS

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# ENOGEN CORN

## AGRONOMIC MANAGEMENT

Brand		Agronomic Management and Placement Traits														End Use Traits			
Enogen Hybrid Series	Relative Maturity (RM)	Seeding Rate (x1000k)					Characteristics		Adaptation to Soil Types/Yield Environments						Starch	Protein	Oil	Beef Feed-to-Gain	
		150 bu	190 bu	220 bu	260 bu	300 bu	Root Strength	Stalk Strength	Continuous Corn	Drought Prone	High pH	Highly Productive	Variable	Poorly Drained					
E080Q1	80	26.0	29.5	30.5	32.0	33.0	3	3	G	B	G	G	B	G	G	G	F	P	
E085Z5 <i>New</i>	85	31.5	32.5	34.0	35.0	36.5	3	4	F	G	G	B	G	G	G	G	G	G	
E092W5	92	24.0	29.0	30.5	32.5	34.0	5	4	F	B	F	B	B	G	G	G	G	G	
E094Z4 <i>New</i>	94	26.0	28.0	29.5	32.0	34.0	2	3	G	G	G	B	B	G	-	-	-	-	
E095D3	95	24.5	28.0	31.0	34.5	38.0	3	2	G	B	G	B	B	B	B	G	G	G	
E100A3	100	24.0	28.5	31.5	34.0	37.0	3	3	B	B	G	B	B	G	B	F	P	B	
E100H1	100	28.5	35.5	36.0	37.0	37.5	2	4	G	G	B	B	G	G	F	B	B	P	
E105T1	105	23.0	27.0	30.0	34.0	38.5	5	2	G	B	G	B	B	B	B	F	F	G	
E105Z5 <i>New</i>	105	26.0	28.0	30.0	33.0	34.0	5	3	G	G	F	F	G	F	-	-	-	-	
E107C1	107	26.0	32.0	33.5	35.5	37.5	2	3	G	G	P	F	G	G	G	F	F	G	
E109R3	109	19.0	24.0	31.0	41.0	44.0	5	2	G	B	F	B	B	B	B	F	B	G	
E110F4	110	26.0	30.0	33.0	33.0	35.0	4	4	F	F	G	G	G	G	G	F	P	B	
E111V7	111	26.5	29.0	31.0	33.5	35.5	3	4	G	G	G	G	B	G	B	G	P	F	
E112S5	112	24.0	27.0	30.0	33.0	35.5	3	2	B	P	F	B	B	B	G	G	F	G	
E113N8	113	26.0	28.5	29.5	31.0	32.0	5	4	B	G	G	B	G	F	F	G	F	B	
E113Z5	113	27.5	31.0	33.0	35.0	37.0	2	4	G	F	G	B	B	B	B	F	P	B	
E114Z4 <i>New</i>	114	24.0	26.0	30.0	32.0	35.0	4	3	F	G	F	B	G	G	-	-	-	-	
E116K4	116	22.0	28.0	32.0	35.0	37.0	5	3	G	B	P	B	B	F	G	F	G	G	
E117Z7 <i>New</i>	117	26.0	28.0	30.0	33.0	34.0	4	3	G	G	G	B	B	G	-	-	-	-	
E118D8	118	26.0	30.0	32.0	33.5	35.5	4	3	B	G	G	B	G	G	G	B	F	F	

Rating Scale

1 = Best  
9 = Worst  
- = Not Available

Score Interpretation

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

Drought

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.

# ENOGEN SILAGE

## CHARACTERISTICS

BRAND		AGRONOMIC CHARACTERISTICS						DISEASE TOLERANCE¹			AGRONOMIC RESEARCH RATINGS							
Enogen Hybrid Series	Relative Maturity (RM)	Emergence	Root Strength	Drought	Staygreen	Plant Height	Ear Height	Gray Leaf Spot	Goss's Wilt	Tar Spot	Yield (Tons/Ac)	NDFd 30 hr (% of NDF)	Starch (% of DM)	NEL (Mcal/lb)	Milk (lbs/Ton)	Milk (lbs/Ac)	Beef (lbs/Ton)	Beef (lbs/Ac)
E080Q1	80	3	3	1	1	5	4	-	4	2	F	G	G	G	G	G	G	G
E085Z5 <i>New</i>	85	3	3	3	4	3	4	4	4	-	F	G	G	G	G	G	G	G
E092W5	92	2	5	1	4	3	4	-	4	5	G	G	B	G	G	G	G	G
E094Z4 <i>New</i>	94	2	2	4	4	3	4	4	4	6	G	G	F	G	F	G	F	G
E095D3	95	3	3	2	2	3	4	4	3	4	G	B	B	G	G	G	G	G
E100A3	100	3	3	2	2	4	4	3	4	4	P	G	B	F	F	P	G	P
E100H1	100	3	2	2	4	4	4	3	5	2	G	G	F	F	F	F	G	F
E105T1	105	2	5	2	2	2	3	4	3	3	G	G	G	G	G	G	G	G
E105Z5 <i>New</i>	105	3	5	3	3	1	4	3	3	5	B	G	G	G	G	G	G	G
E107C1	107	3	2	3	3	1	4	3	5	3	B	F	F	G	G	G	G	G
E109R3	109	3	5	2	2	2	3	3	5	-	B	B	G	B	B	B	G	B
E110F4	110	3	4	3	5	4	3	4	3	2	G	G	G	G	B	B	G	G
E111V7	111	3	3	2	4	4	6	4	6	3	G	G	F	G	G	G	F	G
E112S5	112	3	3	4	2	2	4	3	3	2	B	F	P	G	G	G	F	G
E113N8	113	3	5	3	5	4	5	6	4	-	G	G	G	G	B	G	B	F
E113Z5	113	2	2	3	3	4	4	4	3	5	G	G	G	G	G	F	G	F
E114Z4 <i>New</i>	114	3	4	3	3	3	3	4	4	-	G	F	G	G	G	G	G	G
E116K4	116	4	5	2	3	4	4	5	3	4	G	F	G	B	G	G	B	G
E117Z7 <i>New</i>	117	3	4	3	3	2	3	3	3	-	G	G	F	G	F	F	G	F
E118D8	118	4	4	3	2	2	3	3	4	2	G	F	F	G	G	B	G	B

Rating Scale

1 = Best  
9 = Worst  
- = Not Available

Score Interpretation

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

Drought

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.

¹Disease and insect 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 rot. 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 and may change as additional data are gathered.



SILAGE HYBRID CHARACTERISTICS

BRAND		AGRONOMIC CHARACTERISTICS						DISEASE TOLERANCE¹			SILAGE RESEARCH RATINGS							
Golden Harvest Hybrid Series	Relative Maturity (RM)	Emergence	Root Strength	Drought	Staygreen	Plant Height	Ear Height	Gray Leaf Spot	Goss's Wilt	Tar Spot	Yield (Tons/Ac)	NDFd 30 hr (% of NDF)	Starch (% of DM)	NEL (Mcal/lb)	Milk (lbs/Ton)	Milk (lbs/Ac)	Beef (lbs/Ton)	Beef (lbs/Ac)
G78C29	78	3	3	2	2	4	3	-	4	-	F	G	B	G	G	G	G	F
G80Q01	80	3	3	1	1	5	4	-	4	2	F	G	G	G	G	G	G	G
G82B12 <i>New</i>	82	2	3	2	3	5	5	4	4	-	F	G	G	G	G	G	G	G
G85B04 <i>New</i>	85	3	3	3	4	3	4	4	4	-	F	G	G	G	G	G	G	G
G85Z56	85	3	4	2	3	3	4	-	4	3	G	F	G	G	G	B	G	B
G84J92	86	3	3	1	3	3	5	-	4	4	F	F	G	F	F	F	F	F
G87A53	87	2	3	2	4	4	4	-	4	2	P	G	G	G	G	F	G	F
G90B11 <i>New</i>	90	2	4	3	3	4	4	5	4	5	G	F	G	G	G	G	G	G
G91V51	91	2	5	1	4	3	4	-	4	5	G	G	B	G	G	G	G	G
G90Y04	92	2	4	1	3	2	2	-	4	4	G	G	G	F	G	B	G	B
G92A51	92	2	5	2	2	2	3	3	6	4	B	G	B	B	B	G	B	G
G93A49	93	3	3	3	4	4	5	3	4	4	G	F	F	G	G	G	G	G
G94P48	94	3	3	1	3	3	2	-	3	7	G	G	G	B	G	F	B	F
G95D32	95	3	3	2	2	3	4	4	3	4	G	B	B	G	G	G	G	G
G96R61	96	2	3	2	3	2	2	3	4	2	B	F	G	G	G	B	G	B
G97A36	97	3	3	2	3	5	5	3	4	2	G	F	G	G	G	G	G	G
G97B68 <i>New</i>	97	3	3	2	3	3	3	3	3	4	B	G	G	G	G	G	G	G
G98B99 <i>New</i>	98	2	3	1	4	4	4	4	5	3	F	F	G	G	G	G	G	G
G98M44	98	3	4	2	5	4	4	5	4	5	G	G	B	F	F	G	G	G
G99E68	99	3	2	3	2	3	3	2	5	4	F	F	G	G	G	F	G	F
G00A97	100	2	2	1	2	5	5	3	6	4	F	F	B	G	G	G	B	B
G00H12	100	3	2	2	4	4	4	3	5	2	G	G	F	F	F	F	G	F
G01B63 <i>New</i>	101	3	3	3	2	4	4	4	4	3	P	G	B	B	G	F	G	F
G02K39	102	3	3	2	1	5	5	3	3	4	G	G	G	B	B	G	B	G
G03B19 <i>New</i>	103	3	3	2	3	4	5	3	3	3	F	F	G	G	G	G	G	G
G03B96	103	3	3	4	3	4	3	5	4	4	F	F	G	G	G	F	G	F
G03R40	103	2	2	4	3	3	4	4	3	3	G	F	F	F	F	G	F	F
G04G36	104	4	2	1	5	5	6	3	3	3	F	B	B	B	B	F	B	F
G04S19	104	4	5	3	4	2	2	4	3	4	G	G	F	G	G	G	G	G
G05K08	105	3	4	1	6	5	6	4	4	5	G	G	B	F	F	F	G	G
G06A27	106	2	2	3	3	5	4	3	4	5	B	F	B	G	G	B	G	B
G06B57 <i>New</i>	106	3	3	3	7	4	4	4	4	4	B	F	F	G	G	G	G	G
G07F23	107	3	3	2	4	5	5	3	4	3	B	G	G	G	G	B	G	B

Rating Scale

1 = Best

9 = Worst

- = Not Available

Score Interpretation

B = Best

G = Good

F = Fair

P = Poor

- = Not Available

Plant Height

1 = Tall

9 = Short

Ear Height

1 = High

9 = Low

Disease Tolerance

1 = High

9 = Low

- = Not Available

Drought

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.

¹Disease and insect 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 rot. 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 and may change as additional data are gathered.



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 may help increase your return on investment potential

BRAND		AGRONOMIC CHARACTERISTICS						DISEASE TOLERANCE¹			SILAGE RESEARCH RATINGS							
Golden Harvest Hybrid Series	Relative Maturity (RM)	Emergence	Root Strength	Drought	Staygreen	Plant Height	Ear Height	Gray Leaf Spot	Goss's Wilt	Tar Spot	Yield (Tons/Ac)	NDFd 30 hr (% of NDF)	Starch (% of DM)	NEL (Mcal/lb)	Milk (lbs/Ton)	Milk (lbs/Ac)	Beef (lbs/Ton)	Beef (lbs/Ac)
G07G73	107	3	3	2	3	3	4	3	5	5	B	G	F	G	G	B	B	B
G08B38 <i>New</i>	108	4	3	4	5	3	3	3	5	4	G	G	G	F	F	F	F	F
G08D29	108	2	3	1	5	4	5	4	3	4	G	F	F	G	G	F	G	F
G08R52	108	3	2	2	4	5	5	5	4	4	G	G	G	F	F	G	G	G
G09B15 <i>New</i>	109	3	4	2	5	4	4	2	5	5	G	G	B	G	G	G	G	G
G09T26	109	2	2	3	5	6	4	4	4	3	G	F	G	G	G	F	G	F
G09Y24	109	3	4	1	5	5	3	5	4	4	G	G	G	G	G	G	G	G
G10B61 <i>New</i>	110	5	2	4	4	4	4	3	6	3	F	F	B	G	G	F	F	F
G10D21	110	3	3	3	3	3	2	2	3	3	G	F	G	G	G	F	G	G
G10L16	110	2	5	1	5	5	6	4	3	4	G	F	B	G	G	G	G	G
G11B63	111	4	3	1	2	3	3	4	3	-	B	G	F	G	G	B	G	B
G11V76	111	3	3	2	4	4	6	4	6	3	G	G	F	G	G	G	F	G
G12A22	112	3	3	3	4	4	3	3	4	4	B	G	F	G	G	G	G	G
G12S75	112	3	3	4	2	2	4	3	3	2	B	F	P	G	G	G	F	G
G13B17 <i>New</i>	113	5	2	4	3	3	3	4	5	3	F	F	F	G	F	F	F	F
G13D55	113	4	3	3	2	3	3	3	3	3	G	F	B	G	G	G	G	G
G13H15	113	3	3	2	3	3	3	3	3	-	B	G	G	G	G	B	G	B
G13M88	113	3	2	4	3	5	4	3	3	-	G	F	G	F	F	G	F	F
G13N18	113	3	5	3	5	4	5	6	4	-	G	G	G	G	B	G	B	F
G13P84	113	3	2	3	3	5	5	4	3	3	G	G	G	G	G	G	G	G
G13T41	113	4	2	2	2	4	5	4	5	-	-	-	-	-	-	-	-	-
G13Z50	113	2	2	3	3	4	4	4	3	5	G	G	G	G	G	F	G	F
G14B32 <i>New</i>	114	3	3	3	4	2	2	3	4	3	-	-	-	-	-	-	-	-
G14B65 <i>New</i>	114	4	2	2	3	2	3	3	3	3	G	F	F	G	F	F	F	F
G14R38	114	3	2	3	4	3	2	5	4	4	G	G	B	B	B	B	B	B
G15J91	115	4	2	2	4	3	5	4	4	2	G	G	F	B	G	G	G	G
G15L32	115	2	3	4	2	4	5	3	4	6	B	F	B	G	G	G	G	G
G16K01	116	4	5	2	3	4	4	5	3	4	G	F	G	B	G	G	B	G
G16Q82	116	3	2	1	3	3	3	3	3	3	G	G	B	G	G	G	G	G
G17A74	117	3	4	3	4	3	5	3	3	3	G	G	F	G	B	B	B	B
G17A81	117	3	3	3	3	4	3	3	3	3	F	F	G	G	G	F	G	G
G17B31 <i>New</i>	117	3	3	4	3	2	3	3	4	3	B	G	F	G	F	F	F	F
G17E95	117	3	3	5	3	2	3	3	2	-	G	F	P	G	G	B	G	B
G18D87	118	4	4	3	2	2	3	3	4	2	G	F	F	G	G	B	G	B

Rating Scale

1 = Best

9 = Worst

- = Not Available

Score Interpretation

B = Best

G = Good

F = Fair

P = Poor

- = Not Available

Plant Height

1 = Tall

9 = Short

Ear Height

1 = High

9 = Low

Disease Tolerance

1 = High

9 = Low

- = Not Available

Drought

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.

¹Disease and insect 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 rot. 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 and may change as additional data are gathered.





# SOYBEANS

“I WOULD HIGHLY RECOMMEND PLANTING  
GOLDEN HARVEST SOYBEANS, ESPECIALLY  
THEIR ENLIST E3 SOYBEANS WITH THEIR  
PROVEN PERFORMANCE HERE ON OUR FARM.”

WADE MCLAUGHLIN  
GOLDEN HARVEST FARMER  
HENRY COUNTY, ILLINOIS



## SETTING A NEW STANDARD IN YIELD AND PERFORMANCE

Golden Harvest® soybeans bring you elite genetics for top-end yield potential within the herbicide tolerance trait platforms you want.

With nearly 900 local trials, our broad portfolio of soybean varieties is bred, tested and proven locally to protect against many of today's toughest threats. Our Golden Harvest Seed Advisors are ready to help you select the right soybean varieties for the right fields to achieve and surpass your goals in 2024.



### SOYBEAN PORTFOLIO

Golden Harvest Gold Series™ soybeans are the gold standard for soybean yield potential and performance, with **24 products** chosen for 2024 based on the industry's leading choice and agronomic traits. Gold Series varieties include our exclusive genetics in high-demand trait platforms like Enlist E3® soybeans and XtendFlex® soybeans, offering farmers proven performance in addition to broad herbicide trait choice.

Gold Series varieties are made possible by the speed, power and precision of Syngenta R&D, getting the right traits into varieties and commercializing them as quickly as possible. In 2024, there are nine new Gold Series varieties that were “field proven” in 2023.



### CLOSING THE GAP ON PERFORMANCE NEEDS

Golden Harvest brand soybeans with the Enlist E3 soybean trait technology provide yield potential and agronomics coupled with superior application flexibility and tank-mix options to manage resistant weeds. Where other varieties may leave gaps in protection, Enlist E3 soybeans from Golden Harvest make for a pairing that performs.



Golden Harvest Preferred Seed Treatment, powered by CruiserMaxx® APX, delivers customized soybean seed protection with improved disease control and handling properties.



CruiserMaxx APX fungicide seed treatment combines the proven performance of CruiserMaxx Vibrance® with the supercharged protection of picarbutrazox (PCBX).

- This means unmatched protection against early-season insects and diseases, including *Pythium* and *Phytophthora*, alongside increased plant vigor and enhanced root health benefits, which maximizes water and nutrient uptake.
- Our optimized formulation ensures uniform coverage and superior plantability.



Saltro® fungicide seed treatment offers superior SDS protection and proven nematode activity without the early-season stress.



# SOYBEAN VARIETIES

“GH” indicates Golden Harvest soybeans.

The first 2-3 digits indicate the relative maturity.

The last two digits uniquely identify the variety.

Indicates soybean variety trait.  
(E3, XF, X) S – The STS trait confers tolerance to sulfonylurea herbicides.

RM  
Specific relative maturity for this variety.

GH2292E3 BRAND

GOLD SERIES

RM: 2.2

Reliable White Mold Genetics with High Yield Potential

- Flexible for highly productive acres or variable soils
- Brings great Sudden Death Syndrome tolerance with Rps1c gene
- Proven tolerance to IDC

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

Enlist E3 SOYBEANS

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

Herbicide Tolerance Traits

Map

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

GH00864XF BRAND

GOLD SERIES

NEW // RM: 0.08

Top-End Yield Potential Combined with Solid Agronomics

- Broadly adapted across soil types with excellent performance on fine textures
- Solid standability and stress tolerance
- Very good Phytophthora field tolerance with a Rps1c/3a gene stack

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

TENDFLEX SOYBEANS

Map

GH00973E3 BRAND

GOLD SERIES

RM: 0.09

Top-End Yield Potential with Very Strong Agronomics

- Rps1c/3a gene stack with exceptional field tolerance to Phytophthora Root Rot
- SCN protection with strong tolerance to Iron Deficiency Chlorosis
- Good performance in all environments including stress acres

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

Enlist E3 SOYBEANS

Map

GH0363E3 BRAND

GOLD SERIES

RM: 0.3

Well Suited for Both Stress and High Yielding Acres

- Solid tolerance to Iron Deficiency Chlorosis
- Rps1c gene with strong field tolerance to Phytophthora Root Rot
- Good choice for variable soil types

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

Enlist E3 SOYBEANS

Map

GH0502XF BRAND

GOLD SERIES

RM: 0.5

Excellent Yield Potential That Delivers Under Stress

- Great performance on poorly drained as well as drought prone soils
- Rps1c with strong field tolerance to Phytophthora Root Rot
- Good stem dry down and pod height for easy cutting

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

TENDFLEX SOYBEANS

Map

GOLDEN HARVEST SEED GUIDE 2024

CELEBRATING 50 SEASONS

41

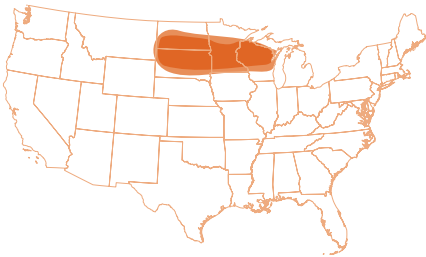
GH0734E3 BRAND

GOLD SERIES NEW // RM: 0.7

Peking Bean with an Exciting Disease and Agronomic Package

- Strong drought tolerance with consistent performance across yield environments
- Rps1k/3a gene stack with exceptional Phytophthora field tolerance
- Very good IDC tolerance

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



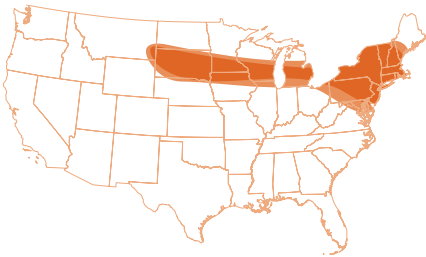
GH1614E3 BRAND

NEW // RM: 1.6

Strong Disease Tolerance with Peking Source of SCN Resistance

- Excellent Phytophthora tolerance allows placement on poorly drained soils
- Good performance on high pH soils with solid tolerance to IDC
- Strong performance under drought while holding its height

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



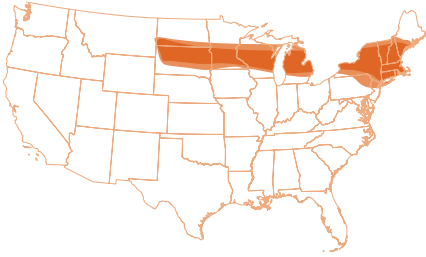
GH1124XF BRAND

GOLD SERIES NEW // RM: 1.1

Proven Genetics with a History of Stellar Performance

- Broadly adapted across soil types including saturated and drought prone soils
- Strong standability and tolerance to White Mold
- Dependable tolerance to Iron Deficiency Chlorosis paired with the Excluder gene

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



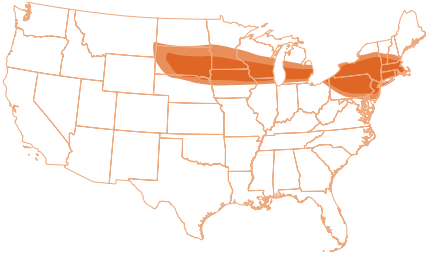
GH1762XF BRAND

GOLD SERIES RM: 1.7

Consistent Performance with Solid Agronomics

- Great standability with strong tolerance to Soybean White Mold
- Very good tolerance to Sudden Death Syndrome
- Works well across varying soil types

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



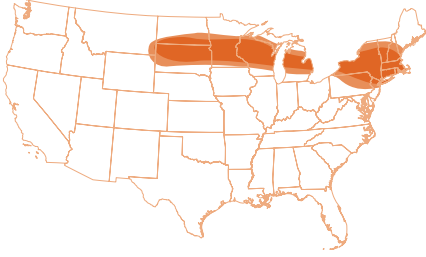
GH1194E3 BRAND

GOLD SERIES NEW // RM: 1.1

Achieve Your Yield Goals with GH1194E3

- Medium-short plant type with excellent standability and good tolerance to White Mold
- Outstanding Phytophthora tolerance enables great performance in poorly drained soils
- Superb emergence allows for early planting

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



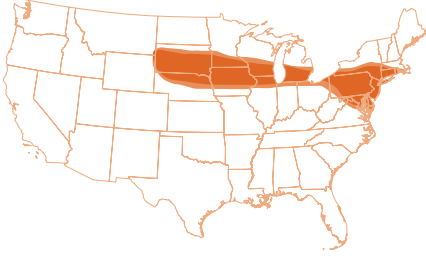
GH1973E3S BRAND

GOLD SERIES RM: 1.9

Excellent Yield Potential Combined with Peking Source of SCN Resistance

- Broadly adapted for placement on all soil and drainage types
- Very good standability for high yield environments
- Strong response to irrigation with excellent drought tolerance

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



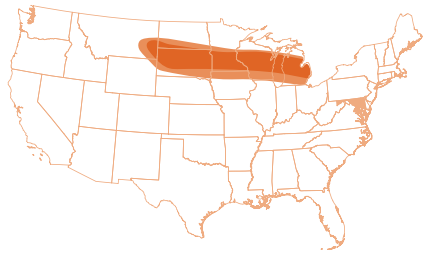
GH1323XF BRAND

GOLD SERIES RM: 1.3

Well Rounded Agronomic and Disease Package to Maximize Yield Potential

- Proven genetics with broad adaptation across soil types
- Very strong Soybean White Mold tolerance with excellent standability
- Rps1c/3a gene stack with strong performance in saturated soils

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



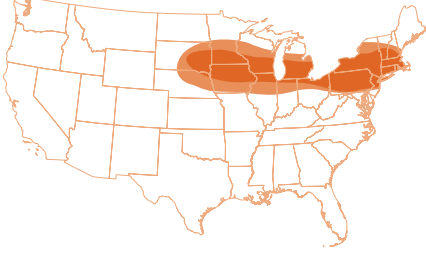
GH2004XF BRAND

GOLD SERIES NEW // RM: 2.0

Trusted Genetics with Strong Performance and IDC Tolerance

- Broadly adapted with best performance in highly productive environments
- Handles fine textured and poorly drained soils with solid Phytophthora field tolerance
- Excellent drought stress tolerance with reliable standability

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





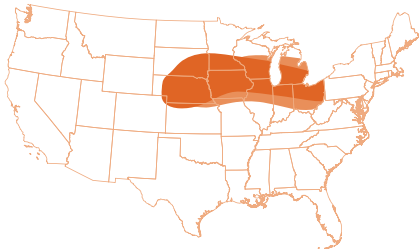
GH2292E3 BRAND

GOLD SERIES RM: 2.2

Reliable White Mold Genetics with High Yield Potential

- Flexible for highly productive acres or variable soils
- Brings great Sudden Death Syndrome tolerance with Rps1c gene
- Proven tolerance to IDC

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



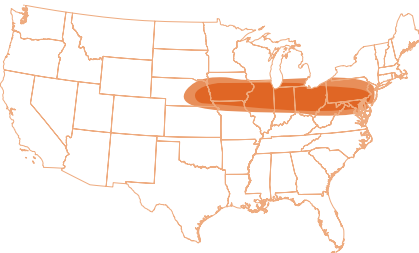
GH2674E3 BRAND

GOLD SERIES NEW // RM: 2.6

Strong East to West Performance with Impressive Yield Potential

- Very good Phytophthora field tolerance allows for placement on poorly drained soils
- Broad adaptability with good North and South movement
- Great performance on highly productive and drought stress acres

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



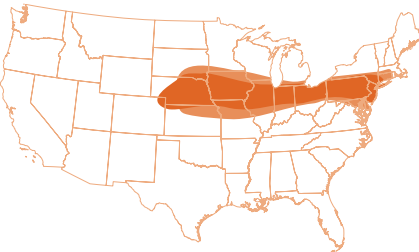
GH2884XF BRAND

GOLD SERIES NEW // RM: 2.8

Exciting Top-End Yield Potential for Any Acre

- Broadly adapted for easy placement
- Excels in fine textured and poorly drained soils
- Stellar option for acres with a history of SDS, SWM or IDC

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



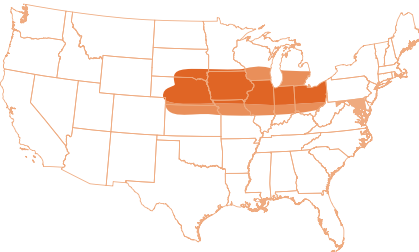
GH2922E3 BRAND

RM: 2.9

Exciting Yield Potential with a Stellar Defensive Package

- Broadly adapted across group 2, excelling on saturated soils
- Features stacked PRR genes and proven SDS, IDC, and FELS tolerance
- Strong IDC 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	●	●	●	●	●	●



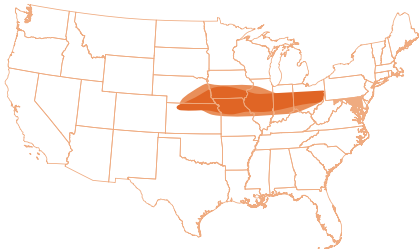
GH3023XF BRAND

GOLD SERIES RM: 3.0

Awesome Performance with Rock Solid Agronomics

- Maximizes yield potential in any environment
- Broadly adapted while excelling on productive and well managed farms
- Great choice to move South of zone

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



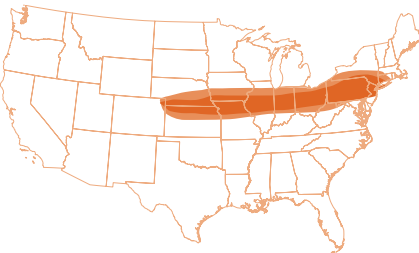
GH3373E3S BRAND

GOLD SERIES RM: 3.3

Strong Top-End Performance and Stability Across Acres

- Widely adapted with great performance on highly productive acres
- Handles poorly drained and fine textured soils well
- Great choice for fields with a history of SDS

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



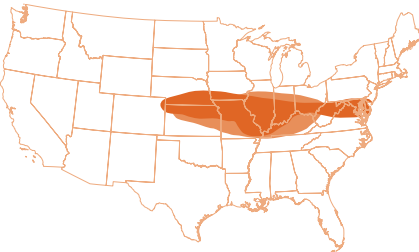
GH3724XFS BRAND

GOLD SERIES NEW // RM: 3.7

Broadly Adapted Genetics with Top-End Yield Potential

- Great choice for fine textured and poorly drained soils
- Robust plant type handles stress with impressive performance
- Great results under any management practice

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



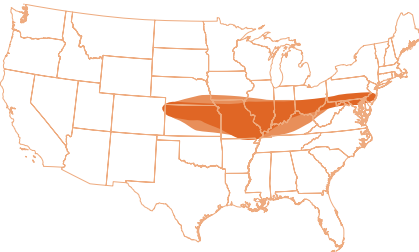
GH3913XF BRAND

GOLD SERIES RM: 3.9

Excellent Top-End Yield Potential Across Environments

- Broadly adapted for success at any yield level
- Proven Charcoal Root Rot tolerance and superb SDS protection
- Robust plant type allows for movement South of zone

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



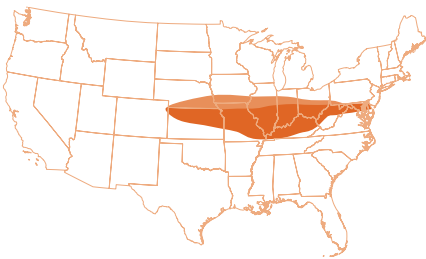
GH3994E3 BRAND

GOLD SERIES NEW // RM: 3.9

Broadly Adapted with Great Performance Across the MG 3 Market

- Solid disease package to protect bushels all season long
- Well suited for placement on any soil type
- Stable performance when pushed South of zone

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



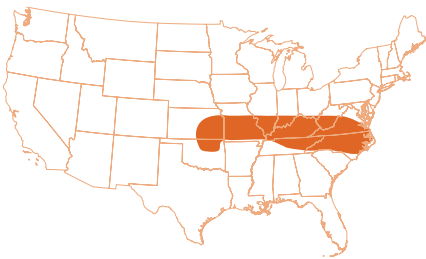
GH4433E3S BRAND

GOLD SERIES RM: 4.4

Stable Genetics with Top-End Yield Potential and STS Tolerance

- Well suited for fine to medium textured soils
- Bred to deliver performance on tough acres
- Good choice for either dryland or irrigated farms

Rating	9	7	5	3	1	BEST
Emergence	●	●	●	●	●	●
Standability	●	●	●	●	●	●
Phytophthora Field Tolerance	●	●	●	●	●	●
Sudden Death Syndrome	●	●	●	●	●	●
Southern Stem Canker	●	●	●	●	●	●
Frogeye Leaf Spot	●	●	●	●	●	●



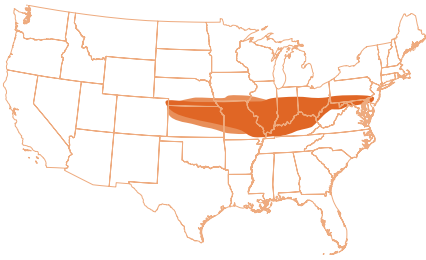
GH4093E3 BRAND

GOLD SERIES RM: 4.0

Top-End Yield Potential with Workhorse Reliability

- Solid Phytophthora Root Rot and SDS tolerance
- Good performance across all soil types while excelling on fine textures
- Chloride Excluder with great standability

Rating	9	7	5	3	1	BEST
Emergence	●	●	●	●	●	●
Standability	●	●	●	●	●	●
Phytophthora Field Tolerance	●	●	●	●	●	●
Sudden Death Syndrome	●	●	●	●	●	●
Southern Stem Canker	●	●	●	●	●	●
Frogeye Leaf Spot	●	●	●	●	●	●



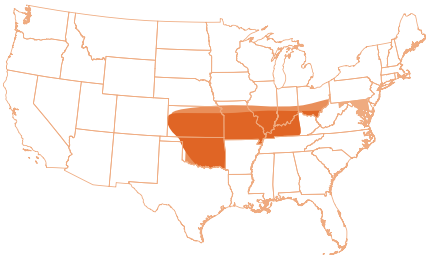
GH4612E3S BRAND

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

Rating	9	7	5	3	1	BEST
Emergence	●	●	●	●	●	●
Standability	●	●	●	●	●	●
Phytophthora Field Tolerance	●	●	●	●	●	●
Sudden Death Syndrome	●	●	●	●	●	●
Southern Stem Canker	●	●	●	●	●	●
Frogeye Leaf Spot	●	●	●	●	●	●



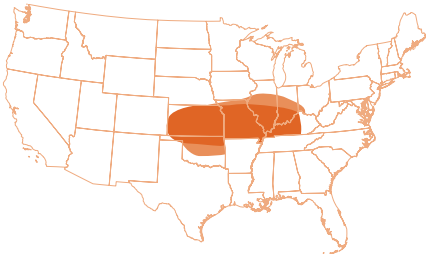
GH4222XF BRAND

GOLD SERIES RM: 4.2

Top-End Yield Potential with Broad Adaptation

- Superb tolerance to SDS with great standability
- Equally impressive on both dryland and irrigated acres
- Performs across all soil types

Rating	9	7	5	3	1	BEST
Emergence	●	●	●	●	●	●
Standability	●	●	●	●	●	●
Phytophthora Field Tolerance	●	●	●	●	●	●
Sudden Death Syndrome	●	●	●	●	●	●
Southern Stem Canker	●	●	●	●	●	●
Frogeye Leaf Spot	●	●	●	●	●	●



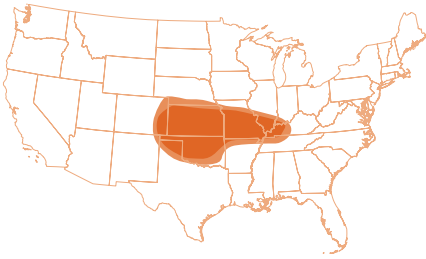
GH4882XFS BRAND

GOLD SERIES RM: 4.8

Top-End Yield Potential with the STS Option

- Performs across all soil types
- Excels in high yield environments
- Superb tolerance to Frogeye Leaf Spot

Rating	9	7	5	3	1	BEST
Emergence	●	●	●	●	●	●
Standability	●	●	●	●	●	●
Phytophthora Field Tolerance	●	●	●	●	●	●
Sudden Death Syndrome	●	●	●	●	●	●
Southern Stem Canker	●	●	●	●	●	●
Frogeye Leaf Spot	●	●	●	●	●	●



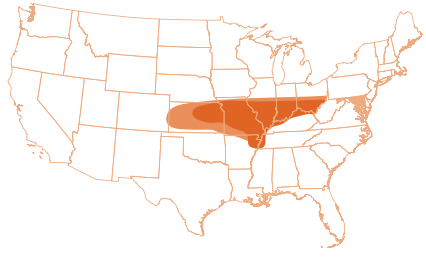
GH4343XFS BRAND

GOLD SERIES RM: 4.3

Exciting Top-End Yield Potential with STS Tolerance

- Broadly adapted across environments while excelling on highly productive acres
- Great standability and tolerance to Phytophthora Root Rot
- Well suited to either dryland or irrigated acres

Rating	9	7	5	3	1	BEST
Emergence	●	●	●	●	●	●
Standability	●	●	●	●	●	●
Phytophthora Field Tolerance	●	●	●	●	●	●
Sudden Death Syndrome	●	●	●	●	●	●
Southern Stem Canker	●	●	●	●	●	●
Frogeye Leaf Spot	●	●	●	●	●	●



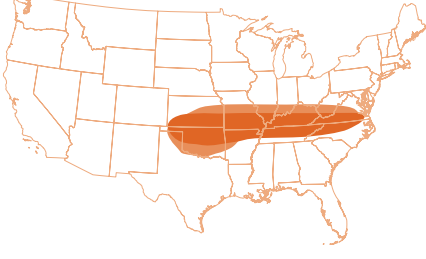
GH5184XFS BRAND

NEW // RM: 5.1

Fantastic Yield Potential with STS Tolerance

- Great choice for first crop and double crop acres
- Well suited to irrigated or dryland acres
- Proven SDS and Phytophthora Root Rot tolerance

Rating	9	7	5	3	1	BEST
Emergence	●	●	●	●	●	●
Standability	●	●	●	●	●	●
Phytophthora Field Tolerance	●	●	●	●	●	●
Root Knot Nematode Incognita	●	●	●	●	●	●
Southern Stem Canker	●	●	●	●	●	●
Frogeye Leaf Spot	●	●	●	●	●	●





SOYBEAN  
CHARACTERISTICS

BRAND			AGRONOMIC/PLANT CHARACTERISTICS																									
Golden Harvest Soybean Brand	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	Adaptation to Soil Types/ Yield Environments					Herbicide Responses							
																Drought Prone	High pH	Highly Productive	Variable	Poorly Drained	Sulfentrazone	Metribuzin						
GH00864XF <i>New</i> ●	XF	0.08	3	M	MT	IND	3	1	1	PUR	GR	TN	YEL	INC	-	B	G	B	B	B	-	-						
GH00973E3 ●	E3	0.09	2	M	MS	IND	2	1	2	PUR	GR	TN	YEL	INC	1	B	G	B	B	B	-	-						
GH00982XF	XF	0.09	3	M	M	IND	2	1	2	PUR	LTW	TN	BL	INC	1	G	G	B	B	G	G	G						
GH0234E3 <i>New</i>	E3	0.2	2	M	MS	IND	3	1	2	PUR	GR	TN	YEL	EXC	1	B	F	B	B	B	-	-						
GH0272XF	XF	0.2	3	M	MT	IND	3	1	2	PUR	LTW	TN	BL	INC	2	G	G	B	B	G	B	B						
GH0363E3 ●	E3	0.3	2	MB	MS	IND	3	1	1	PUR	GR	TN	IMB	EXC	2	G	G	B	G	B	-	-						
GH0384XF <i>New</i>	XF	0.3	1	MT	M	IND	2	1	3	PUR	LTW	TN	GR	INC	1	B	F	G	G	G	-	-						
GH0414E3 <i>New</i>	E3	0.4	2	M	MS	IND	2	1	2	PUR	GR	TN	YEL	EXC	2	B	G	B	B	G	-	-						
GH0502XF ●	XF	0.5	3	M	M	IND	3	2	1	PUR	LTW	TN	IMY	INC	1	B	F	F	G	B	B	F						
GH0653XF	XF	0.6	3	M	M	IND	3	1	2	PUR	LTW	TN	BL	EXC	2	G	G	F	B	F	-	-						
GH0693E3	E3	0.6	3	M	MS	IND	2	1	2	PUR	GR	TN	BF	EXC	3	G	G	G	B	B	-	-						
GH0734E3 <i>New</i> ●	E3	0.7	3	M	MS	IND	2	1	2	PUR	GR	TN	BF	INC	2	B	G	G	G	B	-	-						
GH0764XF <i>New</i>	XF	0.7	2	M	M	IND	3	1	2	WH	LTW	TN	BL	INC	3	B	F	B	B	G	-	-						
GH0933E3	E3	0.9	3	MB	MS	IND	2	1	1	PUR	GR	TN	BF	EXC	2	B	F	G	B	B	-	-						
GH0983XF	XF	0.9	2	M	M	IND	3	1	1	PUR	LTW	BR	GR	INC	1	B	F	G	G	B	-	-						
GH1124XF <i>New</i> ●	XF	1.1	3	M	MT	IND	3	1	2	PUR	LTW	TN	BL	EXC	-	B	G	B	B	B	-	-						
GH1194E3 <i>New</i> ●	E3	1.1	2	M	MS	IND	2	1	2	WH	GR	TN	BF	INC	2	G	F	B	B	B	-	-						
GH1303XF	XF	1.3	3	M	M	IND	3	1	1	PUR	LTW	BR	BL	INC	1	G	F	G	G	B	-	-						
GH1323XF ●	XF	1.3	3	MT	MT	IND	2	1	2	PUR	LTW	BR	BR	INC	3	B	G	B	B	B	-	-						
GH1362E3	E3	1.3	3	MB	MT	IND	4	2	1	PUR	GR	TN	IMB	INC	3	G	G	B	G	G	B	B						
GH1442XF	XF	1.4	3	M	MT	IND	3	1	1	PUR	LTW	BR	BR	INC	2	G	G	B	B	G	G	B						
GH1472E3	E3	1.4	2	M	M	IND	3	1	2	PUR	GR	TN	BF	EXC	1	G	G	B	G	G	B	B						
GH1534E3S <i>New</i>	E3/STS	1.5	3	M	MS	IND	2	1	2	PUR	GR	BR	IMB	INC	2	B	P	G	G	B	-	-						
GH1614E3 <i>New</i>	E3	1.6	1	MB	M	IND	3	2	1	PUR	GR	TN	IMB	INC	2	B	G	G	G	G	-	-						
GH1762XF ●	XF	1.7	3	M	MT	IND	2	1	2	PUR	LTW	BR	BR	INC	3	G	G	B	B	G	G	G						

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Herbicide Tolerant Traits

E3 = Enlist E3®  
E3/STS = Enlist E3® and STS®  
XF = XtendFlex®  
XF/STS = XtendFlex® and STS®



Canopy/Plant Type

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

Growth Habit

DET = Determinate  
IND = Indeterminate  
  
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

EXC = Excluder  
INC = Includer

Adaptation to Soil Types/  
Yield Environments

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

GRAIN QUALITY		DISEASE/PEST RESISTANCE															BRAND	
% 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)	Charcoal Rot	Soybean White Mold (SWM)	Pod & Stem Blight (PSB)	Sudden Death Syndrome (SDS)	Frogeye Leaf Spot (FELS)	Golden Harvest Soybean Brand		
		Gene Resistance	Field Tolerance	Gene Source	Race Resistance													
36.2	18.8	Rps1c, Rps3a	3	S	S	1	-	3	-	-	3	-	-	-	-	GH00864XF <i>New</i> ●		
33.8	18.4	Rps1c, Rps3a	1	PI88788	MR3, MR14	1	-	3	4	-	5	-	-	-	-	GH00973E3 ●		
32.8	19.4	Rps1c	3	PI88788	MR3	1	-	3	3	-	3	5	2	-	-	GH00982XF		
33.8	18.6	Rps1c, Rps3a	3	PI88788	MR3, MR14	1	-	4	5	-	4	5	-	-	-	GH0234E3 <i>New</i>		
32.6	19.9	Rps1c	3	PI88788	MR3	1	-	3	3	-	3	5	2	-	-	GH0272XF		
34.5	18.6	Rps1c	3	PI88788	MR3	1	-	3	3	-	5	7	-	-	-	GH0363E3 ●		
33.7	19.4	Rps3a	3	S	S	1	-	4	4	-	3	5	-	-	-	GH0384XF <i>New</i>		
32.8	18.8	Rps1c	3	PI88788	MR3, MR14	1	-	3	5	-	6	5	-	-	-	GH0414E3 <i>New</i>		
34.7	18.2	Rps1c	3	PI88788	MR3	1	-	4	5	-	3	5	4	-	-	GH0502XF ●		
33.7	19.6	Rps1c	5	PI88788	MR3	1	-	3	3	-	3	7	-	-	-	GH0653XF		
34.0	19.0	Rps3a	2	PI88788	MR3	1	-	3	4	-	5	6	2	-	-	GH0693E3		
33.2	18.7	Rps1k, Rps3a	1	Peking	MR1, MR3	1	-	3	3	-	4	5	-	-	-	GH0734E3 <i>New</i> ●		
31.3	20.2	Rps3a	2	PI88788	MR3	1	-	4	3	-	5	4	2	-	-	GH0764XF <i>New</i>		
34.6	18.8	Rps1k	2	PI88788	MR3, MR14	1	-	4	3	-	5	5	3	2	-	GH0933E3		
35.2	18.4	Rps1c, Rps3a	2	PI88788	MR3, MR14	1	-	4	3	-	3	4	3	-	-	GH0983XF		
36.0	19.1	Rps3a	3	PI88788	MR3	1	-	3	2	-	3	-	2	-	-	GH1124XF <i>New</i> ●		
33.4	20.8	Rps1k, Rps3a	2	PI88788	MR3, MR14	1	-	4	3	-	4	-	4	2	-	GH1194E3 <i>New</i> ●		
34.0	19.1	Rps1c, Rps3a	1	S	S	1	-	4	3	-	2	4	6	7	-	GH1303XF		
35.1	18.6	Rps1c, Rps3a	1	PI88788	MR3, MR14	1	-	3	3	-	2	3	3	4	-	GH1323XF ●		
35.2	18.5	Rps1c	4	PI88788	MR3, MR14	-	-	3	3	-	5	5	4	5	-	GH1362E3		
34.5	18.8	Rps1c	2	PI88788	MR3	1	-	3	2	-	2	4	2	-	-	GH1442XF		
34.3	19.0	Rps1c, Rps3a	4	Peking	MR1, R3, MR5	1	-	3	3	-	5	6	5	5	-	GH1472E3		
33.6	19.6	Rps1k	3	Peking	MR1, R3	1	-	5	3	-	4	5	2	4	-	GH1534E3S <i>New</i>		
34.3	18.6	Rps1c, Rps3a	2	Peking	R1, MR3, MR5	1	-	3	3	-	4	4	3	4	-	GH1614E3 <i>New</i>		
34.3	19.2	Rps1c	4	PI88788	MR3	1	-	3	2	-	3	4	3	5	-	GH1762XF ●		

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 and Peking genes confer varying resistances to certain races of SCN. Refer to the "Race Resistance" 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, 11, 13-18, 26, 27, 31, 32, 36, 48, 50-52, 54, 55  
Rps1c = Resistant to races 1-3, 6-9, 11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 41, 42, 44, 48, 50, 52, 54, 55  
Rps1k = Resistant to races 1-9, 11, 13-15, 17, 18, 21-24, 26, 36, 37, 42-44, 46-55  
Rps3a = Resistant to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 27-29, 31-35, 40, 41, 43-45, 47-52, 54  
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 and  
Agronomic/Plant Ratings

1 = Best  
9 = Worst  
- = Not Available

SOYBEAN CHARACTERISTICS

BRAND			AGRONOMIC/PLANT CHARACTERISTICS																			
Golden Harvest Soybean Brand	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	Adaptation to Soil Types/ Yield Environments					Herbicide Responses	
																Drought Prone	High pH	Highly Productive	Variable	Poorly Drained	Sulfentrazone	Metribuzin
GH1802E3	E3	1.8	3	M	MT	IND	3	1	1	PUR	GR	BR	IMB	INC	2	B	G	G	B	G	B	G
GH1864XF <i>New</i>	XF	1.8	2	M	MS	IND	2	1	2	PUR	LTW	TN	BL	INC	2	G	F	G	G	G	-	-
GH1922E3	E3	1.9	3	MT	MT	IND	3	1	1	PUR	LTW	BR	BL	-	2	F	G	B	G	G	-	-
GH1973E3S <span></span>	E3/STS	1.9	3	M	M	IND	3	2	1	PUR	GR	BR	IMB	INC	2	B	F	B	B	B	-	-
GH2004XF <i>New</i> <span></span>	XF	2.0	3	M	MT	IND	3	3	1	WH	LTW	BR	BL	INC	4	B	G	B	B	B	-	-
GH2083E3S	E3/STS	2.0	2	MB	S	IND	2	2	1	PUR	GR	TN	IMB	INC	3	F	G	B	G	G	-	-
GH2102XF	XF	2.1	3	M	M	IND	4	3	1	WH	LTW	BR	BL	INC	3	B	G	G	G	B	B	G
GH2292E3 <span></span>	E3	2.2	3	M	M	IND	2	1	1	PUR	GR	BR	IMB	INC	3	G	G	B	B	B	B	B
GH2313XF	XF	2.3	3	M	M	IND	3	2	1	WH	LTW	BR	BL	INC	2	B	F	G	B	B	-	-
GH2463E3S	E3/STS	2.4	3	M	MT	IND	3	1	1	PUR	GR	BR	BF	-	2	B	F	B	B	B	-	-
GH2544XF <i>New</i>	XF	2.5	2	MB	MT	IND	3	2	1	WH	LTW	BR	BL	INC	3	B	F	G	G	B	F	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
GH2674E3 <i>New</i> <span></span>	E3	2.6	3	M	M	IND	2	1	1	WH	GR	TN	BF	INC	2	B	F	G	B	B	-	-
GH2722XF	XF	2.7	2	M	MT	IND	3	2	1	PUR	LTW	BR	BL	INC	3	B	P	G	B	B	G	G
GH2814E3S <i>New</i>	E3/STS	2.8	2	MB	M	IND	4	3	1	PUR	GR	BR	IMB	INC	2	G	F	G	B	B	-	-
GH2884XF <i>New</i> <span></span>	XF	2.8	2	M	MT	IND	3	2	1	PUR	LTW	TN	BL	INC	3	B	G	B	B	G	-	-
GH2922E3	E3	2.9	2	MB	M	IND	2	1	1	WH	GR	TN	BF	INC	3	B	G	G	G	B	G	B
GH3023XF <span></span>	XF	3.0	2	M	M	IND	2	1	1	WH	LTW	BR	BL	INC	3	B	F	B	B	B	-	-
GH3043E3	E3	3.0	2	MB	MS	IND	2	1	1	PUR	GR	TN	IMB	EXC	2	G	F	B	G	G	-	-
GH3132E3	E3	3.1	2	MB	M	IND	3	2	1	WH	GR	TN	BF	INC	3	G	G	G	G	G	B	B
GH3192XF	XF	3.1	3	MT	T	IND	4	2	2	PUR	LTW	TN	BL	INC	3	G	G	B	G	G	B	B
GH3373E3S <span></span>	E3/STS	3.3	2	MB	M	IND	2	1	1	PUR	GR	TN	IMB	INC	1	G	P	B	G	B	-	-
GH3442XF	XF	3.4	3	MB	M	IND	3	2	1	PUR	LTW	BR	BL	INC	3	B	F	G	B	B	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
GH3693E3S	E3/STS	3.6	2	M	M	IND	3	1	1	PUR	LTW	BR	BL	-	3	G	P	G	B	G	-	-

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Herbicide Tolerant Traits

E3 = Enlist E3®  
E3/STS = Enlist E3® and STS®  
XF = XtendFlex®  
XF/STS = XtendFlex® and STS®



Gold Series =

Canopy/Plant Type

B = Bush  
MB = Medium-Bush  
M = Medium  
MT = Medium-Thin  
T = Thin

Plant Height

S = Short  
MS = Medium-Short  
M = Medium  
MT = Medium-Tall  
T = Tall

Growth Habit

DET = Determinate  
IND = Indeterminate

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  
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WH = White  
YEL = Yellow

Chloride Sensitivity

EXC = Excluder  
INC = Includer

Adaptation to Soil Types/  
Yield Environments

= Best  
 = Good  
 = Fair  
 = Poor  
- = Not Available

Grain Quality		Disease/Pest Resistance														Brand	
% 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)	Charcoal Rot	Soybean White Mold (SWM)	Pod & Stem Blight (PSB)	Sudden Death Syndrome (SDS)	Frogeye Leaf Spot (FELS)	Golden Harvest Soybean Brand	
		Gene Resistance	Field Tolerance	Gene Source	Race Resistance												
34.5	19.4	Rps1c	3	PI88788	R3	1	-	3	3	5	3	6	4	4		GH1802E3	
35.8	20.3	Rps1k, Rps3a	3	PI88788	MR3	1	-	4	3	-	3	-	2	2		GH1864XF <i>New</i>	
33.8	19.5	Rps1k	4	PI88788	R3, MR14	1	-	3	-	-	3	4	3	5		GH1922E3	
33.9	19.4	Rps1k	3	Peking	MR1, MR3, MR5	1	-	4	3	-	4	5	4	4		GH1973E3S <span></span>	
33.1	20.2	Rps1c	3	PI88788	MR3	1	-	3	3	-	3	4	2	4		GH2004XF <i>New</i> <span></span>	
33.1	20.1	Rps1c	4	PI88788	MR3, R14	-	-	3	4	4	5	2	3	4		GH2083E3S	
33.8	19.7	Rps1c	2	PI88788	MR3	1	-	3	5	4	3	6	3	4		GH2102XF	
34.0	19.2	Rps1c	2	PI88788	MR3	1	-	3	3	4	3	2	2	4		GH2292E3 <span></span>	
33.5	20.0	Rps1c	3	PI88788	MR3	1	-	4	3	3	3	4	4	5		GH2313XF	
33.9	20.4	Rps1a	3	PI88788	R3, MR14	-	-	4	-	-	4	2	4	4		GH2463E3S	
32.9	20.9	Rps1c	2	PI88788	R3, MR14	1	-	4	4	3	3	3	2	5		GH2544XF <i>New</i>	
31.5	20.5	Rps1k	4	Peking	-	-	-	3	4	3	4	-	3	4		GH2610E3	
33.2	20.7	Rps1c	3	PI88788	MR3	-	-	4	5	-	4	-	3	4		GH2674E3 <i>New</i> <span></span>	
34.5	19.7	Rps1c	3	PI88788	MR3	1	-	5	3	4	3	3	2	5		GH2722XF	
34.8	19.9	Rps1c	3	PI88788	MR3	-	-	4	3	-	4	-	3	5		GH2814E3S <i>New</i>	
34.7	20.0	Rps1c	4	PI88788	MR3	1	-	3	4	-	3	-	3	5		GH2884XF <i>New</i> <span></span>	
34.7	19.4	Rps1k, Rps3a	4	PI88788	R3	1	-	3	3	4	4	-	3	3		GH2922E3	
34.5	19.2	Rps1c	3	PI88788	R3	1	-	4	3	4	3	-	2	2		GH3023XF <span></span>	
33.3	20.0	Rps1c, Rps3a	3	PI88788	MR3, MR14	1	-	4	3	3	6	-	3	2		GH3043E3	
34.7	19.3	Rps1k, Rps3a	4	PI88788	R3	1	-	3	3	4	5	-	3	-		GH3132E3	
34.2	19.9	Rps1k	4	PI88788	MR3	1	-	3	3	2	5	4	3	2		GH3192XF	
33.5	19.7	Rps1c	3	PI88788	R3, MR14	1	-	5	3	5	4	-	2	4		GH3373E3S <span></span>	
33.7	19.8	Rps1c	4	PI88788	MR3	1	-	4	3	4	4	3	3	2		GH3442XF	
33.4	20.1	S	3	PI88788	R3, MR14	1	-	5	3	2	3	-	3	5		GH3582E3	
35.2	20.8	Rps1k	3	PI88788	R3, MR14	1	-	5	-	-	3	-	2	4		GH3693E3S	

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 and Peking genes confer varying resistances to certain races of SCN. Refer to the "Race Resistance" 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, 11, 13-18, 26, 27, 31, 32, 36, 48, 50-52, 54, 55  
Rps1c = Resistant to races 1-3, 6-9, 11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 41, 42, 44, 48, 50, 52, 54, 55  
Rps1k = Resistant to races 1-9, 11, 13-15, 17, 18, 21-24, 26, 36, 37, 42-44, 46-55  
Rps3a = Resistant to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 27-29, 31-35, 40, 41, 43-45, 47-52, 54  
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 and  
Agronomic/Plant Ratings

1 = Best  
9 = Worst  
- = Not Available



SOYBEAN CHARACTERISTICS

BRAND			AGRONOMIC/PLANT CHARACTERISTICS																				
Golden Harvest Soybean Brand	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	Adaptation to Soil Types/ Yield Environments					Herbicide Responses		
																Drought Prone	High pH	Highly Productive	Variable	Poorly Drained	Sulfentrazone	Metribuzin	
GH3721E3S	E3/STS	3.7	2	MB	MT	IND	4	2	1	WH	GR	TN	BF	EXC	2	B	G	G	B	G	G	G	G
GH3724XFS <i>New</i>	XF/STS	3.7	2	MB	MT	IND	3	2	1	PUR	LTW	BR	BL	INC	-	B	F	B	G	B	-	-	-
GH3774E3 <i>New</i>	E3	3.7	2	M	MT	IND	2	1	1	WH	GR	BR	BF	INC	4	G	G	B	B	B	-	-	-
GH3883XF	XF	3.8	1	MB	MT	IND	3	2	1	PUR	LTW	TN	BL	INC	2	G	F	B	B	G	-	-	-
GH3902E3S	E3/STS	3.9	2	MB	T	IND	4	3	1	WH	GR	TN	BF	EXC	2	B	P	G	B	B	B	B	B
GH3913XF	XF	3.9	2	MB	T	IND	3	2	1	PUR	GR	BR	IMB	INC	3	B	G	B	B	B	-	-	-
GH3994E3 <i>New</i>	E3	3.9	2	MT	MT	IND	2	1	2	PUR	GR	TN	BF	EXC	2	G	G	B	B	B	-	-	-
GH4093E3	E3	4.0	2	M	M	IND	2	1	1	PUR	GR	TN	BF	EXC	2	G	G	B	G	B	-	-	-
GH4214E3S <i>New</i>	E3/STS	4.2	1	MB	MT	IND	3	2	1	WH	GR	BR	BF	EXC	-	B	F	B	B	B	-	-	-
GH4222XF	XF	4.2	3	M	MT	IND	2	1	1	PUR	LTW	BR	BL	INC	3	B	F	B	B	G	P	B	B
GH4343XFS	XF/STS	4.3	1	MB	MT	IND	2	1	1	WH	GR	BR	BF	INC	3	B	F	B	B	B	-	-	-
GH4392XF	XF	4.3	3	M	MT	IND	4	3	2	PUR	LTW	BR	BL	INC	4	B	G	B	G	G	F	B	B
GH4433E3S	E3/STS	4.4	2	MB	M	IND	4	3	1	WH	GR	BR	BF	INC	3	G	F	B	G	B	-	-	-
GH4452XFS	XF/STS	4.4	2	M	MT	IND	3	1	2	WH	GR	BR	BF	INC	4	B	P	B	B	B	F	B	B
GH4612E3S	E3/STS	4.6	1	M	T	IND	3	3	1	PUR	GR	BR	IMB	EXC	3	B	F	G	B	G	F	B	G
GH4663XFS	XF/STS	4.6	2	MB	MT	IND	3	2	1	WH	LTW	BR	BL	INC	3	B	F	B	B	G	-	-	-
GH4864XFS <i>New</i>	XF/STS	4.8	3	MB	T	IND	3	3	1	WH	LTW	BR	BR	INC	3	G	G	B	B	B	-	-	-
GH4882XFS	XF/STS	4.8	2	M	MT	IND	3	1	1	WH	GR	BR	BF	INC	4	G	F	B	G	B	P	B	G
GH4944XFS <i>New</i>	XF/STS	4.9	2	MB	MT	IND	2	1	1	PUR	LTW	TN	BL	EXC	3	G	G	B	B	B	-	-	-
GH4972E3S	E3/STS	4.9	3	MB	MT	IND	3	2	1	WH	GR	BR	BF	EXC	4	G	P	F	G	B	-	-	-
GH5184XFS <i>New</i>	XF/STS	5.1	2	MB	T	IND	3	2	1	WH	LTW	BR	BL	INC	2	G	G	B	G	B	-	-	-
GH5224XF <i>New</i>	XF	5.2	2	MB	MT	IND	2	1	1	PUR	LTW	BR	BL	INC	2	G	G	B	B	G	-	-	-
GH5253E3 <i>New</i>	E3	5.2	2	MB	MT	IND	4	3	1	WH	GR	BR	BF	EXC	4	B	F	G	B	B	-	-	-

Grain Quality		Disease/Pest Resistance														Brand	
% 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)	Charcoal Rot	Soybean White Mold (SWM)	Pod & Stem Blight (PSB)	Sudden Death Syndrome (SDS)	Frogeye Leaf Spot (FELS)	Golden Harvest Soybean Brand		
		Gene Resistance	Field Tolerance	Gene Source	Race Resistance												
34.1	19.3	Rps1c	3	PI88788	MR3	1	-	3	3	2	-	-	3	2	GH3721E3S		
34.6	20.2	Rps1c	3	PI88788	MR3	1	-	4	4	-	-	-	3	2	GH3724XFS <span>New</span> <span>🔴</span>		
33.8	19.5	Rps1c, Rps3a	4	PI88788	R3, MR14	1	-	3	3	3	-	-	2	3	GH3774E3 <span>New</span> <span>🔴</span>		
32.5	20.9	Rps1c	4	PI88788	MR3, MR14	1	-	4	3	3	-	-	4	3	GH3883XF		
34.0	19.7	Rps1c	3	PI88788	R3	1	-	5	3	2	6	-	2	2	GH3902E3S		
34.5	19.2	Rps1c	3	PI88788	MR3, MR14	1	-	3	3	3	-	-	2	3	GH3913XF <span>🟡</span>		
34.4	19.6	Rps1c	3	PI88788	MR3, MR14	1	-	3	5	3	-	-	3	2	GH3994E3 <span>New</span> <span>🔴</span>		
34.6	19.4	Rps1c	3	PI88788	MR3, MR14	1	-	3	3	4	-	-	2	4	GH4093E3 <span>🟡</span>		
34.2	20.3	Rps1c	2	PI88788	MR3	1	4	4	-	-	-	-	2	2	GH4214E3S <span>New</span> <span>🔴</span>		
34.0	19.5	S	3	PI88788	MR3	1	8	4	3	4	-	-	2	4	GH4222XF <span>🟡</span>		
34.5	19.1	Rps1c	2	PI88788	MR3	1	5	3	3	-	-	-	3	5	GH4343XFS <span>🟡</span>		
34.1	19.4	S	3	PI88788	MR3	1	8	3	3	3	-	-	3	2	GH4392XF		
36.0	18.0	Rps1c	3	PI88788	MR3, MR14	1	2	4	3	3	-	-	2	2	GH4433E3S <span>🟡</span>		
34.5	19.3	Rps1c	3	PI88788	MR3	1	5	5	3	3	-	-	5	4	GH4452XFS		
35.7	18.7	S	4	PI88788	MR3	1	3	4	3	3	-	-	3	4	GH4612E3S		
34.1	19.8	Rps1k	3	PI88788	R3	1	5	4	3	3	-	-	5	4	GH4663XFS		
35.1	19.2	Rps1c	2	PI88788	MR3	1	3	3	-	3	-	-	3	5	GH4864XFS <span>New</span> <span>🔴</span>		
33.8	20.0	Rps1k	4	PI88788	MR3, MR14	3	6	4	-	4	-	-	3	2	GH4882XFS <span>🟡</span>		
34.6	19.3	Rps1k	3	PI88788	R3	1	7	3	-	4	-	-	3	4	GH4944XFS <span>New</span> <span>🔴</span>		
34.5	18.9	S	4	PI88788	R3, MR14	1	5	6	-	4	-	-	4	3	GH4972E3S		
34.9	19.4	Rps1a, Rps3a	3	PI88788	R3	1	4	3	-	2	-	-	3	4	GH5184XFS <span>New</span> <span>🔴</span>		
35.8	19.9	Rps1c	3	PI88788	MR3	1	3	3	-	-	-	-	2	2	GH5224XF <span>New</span> <span>🔴</span>		
34.2	19.6	Rps1c	4	PI88788	R3	1	3	4	-	3	-	-	3	2	GH5253E3 <span>New</span> <span>🔴</span>		

Some product descriptions and ratings are sourced from the variety's genetic supplier and may change as additional information is gathered.

Herbicide Tolerant Traits

E3 = Enlist E3®  
E3/STS = Enlist E3® and STS®  
XF = XtendFlex®  
XF/STS = XtendFlex® and STS®



Gold Series = ●

Canopy/Plant Type

B = Bush  
MB = Medium-Bush  
M = Medium  
MT = Medium-Thin  
T = Thin

Plant Height

S = Short  
MS = Medium-Short  
M = Medium  
MT = Medium-Tall  
T = Tall

Growth Habit

DET = Determinate  
IND = Indeterminate

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

EXC = Excluder  
INC = Includer

Adaptation to Soil Types/  
Yield Environments

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

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 and Peking genes confer varying resistances to certain races of SCN. Refer to the "Race Resistance" 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, 11, 13-18, 26, 27, 31, 32, 36, 48, 50-52, 54, 55  
Rps1c = Resistant to races 1-3, 6-9, 11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 41, 42, 44, 48, 50, 52, 54, 55  
Rps1k = Resistant to races 1-9, 11, 13-15, 17, 18, 21-24, 26, 36, 37, 42-44, 46-55  
Rps3a = Resistant to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 27-29, 31-35, 40, 41, 43-45, 47-52, 54  
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 and  
Agronomic/Plant Ratings

1 = Best  
9 = Worst  
- = Not Available

“GOLDEN HARVEST HAS BEEN REALLY GOOD  
AT SUPPORTING EVERYTHING WE NEED.”

RYE RANDOLPH  
GOLDEN HARVEST FARMER  
CANTON, ILLINOIS

# STEWARDSHIP



## GROWER STEWARDSHIP AGREEMENT

A strong stewardship program is essential for helping to protect and preserve the long-term value of Syngenta’s trait technology.

Syngenta provides responsible agriculture programs and information regarding the safe handling and storage of products. 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 traits, you are required to sign a Syngenta Seeds, LLC Stewardship Agreement. This agreement outlines the terms and conditions of growing hybrids with Syngenta Corn Traits, including the terms of a limited license under Syngenta’s intellectual property, compliance with the 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 METHODS:

- Online**  
AgCelerate.com

**Electronic Statement**  
Electronic signatures will only be accepted through agcelerate.com. Any other forms of electronic signatures will be rejected.

**Email**  
Agreements@agdata.com
- Fax**  
1-704-919-5581

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

### 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.

### 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.

	BRAND	SIZE REQUIREMENT (Corn-Growing Region)	SIZE REQUIREMENT (Cotton-Growing Region)	DISTANCE REQUIREMENTS
ABOVE- AND BELOW-GROUND TRAIT STACKS	Duracade Viptera z3	No additional refuge required	20% supplemental refuge <sup>2</sup>	Within or adjacent <sup>1</sup>
	Duracade Viptera	No additional refuge required	20% supplemental refuge <sup>2</sup>	Within or adjacent <sup>1</sup>
	Duracade	No additional refuge required	20% supplemental refuge <sup>2</sup>	Within or adjacent <sup>1</sup>
	Agrisure Total	No additional refuge required	20% supplemental refuge <sup>2</sup>	Within or adjacent <sup>1</sup>
ABOVE-GROUND TRAIT STACKS	Viptera z3	No additional refuge required	20% supplemental refuge	Within, adjacent, or up to 1/2 mile away <sup>1</sup>
	Viptera	No additional refuge required	20% supplemental refuge	Within, adjacent, or up to 1/2 mile away <sup>1</sup>
	Agrisure Above	No additional refuge required	20% supplemental refuge	Within, adjacent, or up to 1/2 mile away <sup>1</sup>

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



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. HERCULEX® and the HERCULEX Shield are trademarks of Corteva Agriscience LLC. HERCULEX® Insect Protection technology by Corteva Agriscience LLC. YieldGard VT Pro® is a registered trademark used under license from the Bayer Group.

### 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**  
syngentastewardship.com

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

**Stewardship Support**  
syngenta.stewardship@syngenta.com

**Regulatory and Market Status of Agricultural Biotechnology Products**  
biotradestatus.com
- Take Action Education Platform**  
IWillTakeAction.com

**Agreement Submission**  
Agreements@agdata.com

<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 traited field and a corn borer refuge up to 1/2 mile away could be planted.



# GOLDEN ADVANTAGE



Golden Advantage<sup>SM</sup> is an extended terms offer with a 0% interest fee for farmers to purchase Golden Harvest<sup>®</sup> seed and qualified Syngenta Seedcare 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 2024 planting

Visit [goldenharvestseeds.com/goldenadvantage](https://goldenharvestseeds.com/goldenadvantage) to learn more.



Product performance assumes disease presence.

© 2023 Syngenta. **Important: Always read and follow label instructions.** Some products may not be registered for sale or use in all states or counties. Please check with your local extension service to ensure registration status. AAtrex 4L, AAtrex Nine-O, Acuron, Agri-Flex, Agri-Mek 0.15 EC, Agri-Mek SC, Avicta 500FS, Avicta Complete Beans 500, Avicta Complete Corn 250, Avicta Duo Corn, Avicta Duo 250 Corn, Avicta Duo COT202, Avicta Duo Cotton, Besiege, Bicep II Magnum, Bicep II Magnum FC, Bicep Lite II Magnum, Callisto Xtra, Denim, Endigo ZC, Endigo ZCX, Epi-Mek 0.15EC, Expert, Force, Force 3G, Force CS, Force 6.5G, Force Evo, Gramoxone SL 2.0, Gramoxone SL 3.0, Karate, Karate with Zeon Technology, Lamcap, Lamcap II, Lamdec, Lexar EZ, Lumax EZ, Medal II ATZ, Minecto Pro, Proclaim, Tavium Plus VaporGrip Technology, Voliam Xpress and Warrior II with Zeon Technology are Restricted Use Pesticides.

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<sup>®</sup>, Liberty<sup>®</sup> and the Water Droplet logo are registered trademarks of BASF. HERCULEX<sup>®</sup> and the HERCULEX Shield are trademarks of Corteva Agriscience LLC. HERCULEX Insect Protection technology by Corteva Agriscience LLC. **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<sup>®</sup> and NK<sup>®</sup> 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<sup>®</sup> soybean, LibertyLink<sup>®</sup>, LibertyLink<sup>®</sup> GT27<sup>®</sup>, Roundup Ready 2 Xtend<sup>®</sup>, Roundup Ready 2 Yield<sup>®</sup> and XtendFlex<sup>®</sup> soybean 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<sup>®</sup> Technology are approved for use with Roundup Ready 2 Xtend<sup>®</sup> and XtendFlex<sup>®</sup> soybeans. Only 2,4-D choline formulations with Colex-D<sup>®</sup> Technology are approved for use with Enlist E3<sup>®</sup> soybeans. ENLIST E3<sup>®</sup> soybean technology is jointly developed with Corteva Agriscience LLC and M.S. Technologies, L.L.C. The ENLIST trait and ENLIST Weed Control System are technologies owned and developed by Corteva Agriscience LLC. ENLIST<sup>®</sup> and ENLIST E3<sup>®</sup> are trademarks of Corteva Agriscience LLC. GT27<sup>®</sup> is a trademark of M.S. Technologies, L.L.C. and BASF. Roundup Ready 2 Xtend<sup>®</sup>, Roundup Ready 2 Yield<sup>®</sup>, XtendFlex<sup>®</sup>, VaporGrip<sup>®</sup> and YieldGard VT Pro<sup>®</sup> are registered trademarks used under license from the Bayer Group.

Trademarks are the property of their respective owners.



## THANK YOU, FARMERS

We appreciate your dedication, feedback  
and support, and we're proud to serve you  
today and for the next 50 seasons.