SEED GUIDE

2027

Golden Harvest®


GROUNDED IN
YOUR ACRES
PRIMED FOR WHAT'S NEXT
Every acre is unique, and so are its challenges.
Golden Harvest pairs deep local knowledge
and the latest innovations to help keep you ahead.
Our team is there from seed selection to harvest,
giving you the proven genetics, field-tested
insights and agronomic support you need
to succeed today and for years to come.
Golden Harvest®

INSIDE THE GUIDE

DELIVERING FARMER-FIRST SOLUTIONS

RESEARCH & DEVELOPMENT

Backed by the powerful Syngenta R&D engine, Golden Harvest delivers **proven, farmer-first innovations** with speed, precision and power.

+1,000 hybrids and varieties bred each year

+150 years of experience in breeding

~10,000 patents across seed, crop protection and crop solution products

ROBUST R&D PIPELINE

We've built an **innovation ecosystem** to develop and commercialize the solutions farmers need. Our **340 strategically located research collaboration sites** across the United States allow us to streamline and advance our elite germplasm, seed development, pre-commercial testing and product placement to get high-performing products into the hands of farmers faster than ever before.

WEST

TRAIT INTROGRESSION CENTER
Nampa, ID

CENTRAL

R&D LABORATORY
Slater, IA

INNOVATION & CUSTOMER EXPERIENCE CENTER
Malta, IL

FARM OF THE FUTURE
Ottawa, IL

EAST

R&D INNOVATION CENTER
Research Triangle Park, NC

HIGH-PERFORMING HYBRIDS ON THE RIGHT ACRE — *FASTER*

Through our **STEPP (Strategic Testing for Effective Product Placement) Trials**, we rigorously evaluate every hybrid in its final trait package for two years before bringing it to market.

STEPP TRIALS™
Strategic Testing for Effective Product Placement

This ensures we advance only the best-performing hybrids and support farmers with the insights they need to make seed selection, placement and management decisions.

More on Our Advanced Pre-Commercial Evaluation Platform

ADVANCED, ACCELERATED SEED DEVELOPMENT

Syngenta's advanced facilities are bringing high-performing hybrids to farmers faster. By accelerating germplasm development, these sites incorporate key traits — like insect resistance, herbicide tolerance and drought resilience — into elite crop varieties while maintaining the proven performance farmers rely on.

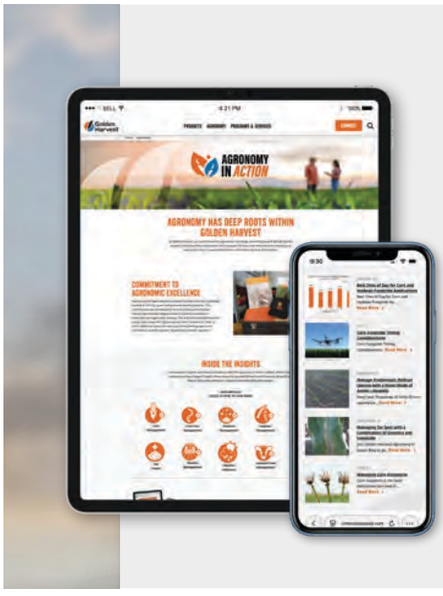
See How We've Revolutionized Trait Introgression

INSIGHTS & TOOLS
FOR INFORMED DECISION-MAKING

AGRONOMY

AGRONOMY IN PRACTICE

Being farmer-first means more than delivering elite genetics — it means providing the research, insights and practical tools you need to succeed. Our agronomic support enables farmers to make confident decisions and achieve the results you need, season after season.



AGRONOMY IN ACTION

Discover expert insights and actionable strategies from our team of agronomists. We cover crop stress, diseases, soil health and the latest agronomic research, all aimed at helping your corn and soybean crops thrive.

Explore Key Insights

CORN REPLANT CALCULATOR

Simplify the process of evaluating replant yield advantage. This tool analyzes location, original planting date, current and desired plant stand, proven yield potential (APH), #2 yellow corn price and associated costs to help you understand if replanting will result in yield and economic benefits.

See the Impact of Replanting

CORN SEEDING RATE CALCULATOR

Find the right seeding rate for every field. This data-backed tool helps estimate the most economical corn seeding rate, per acre, based on your specific hybrid and yield environment. Pulling from two or more years of data across 70+ trial locations annually, it's engineered to give you greater confidence in hybrid placement and management decisions.

Calculate Your Optimum Rate

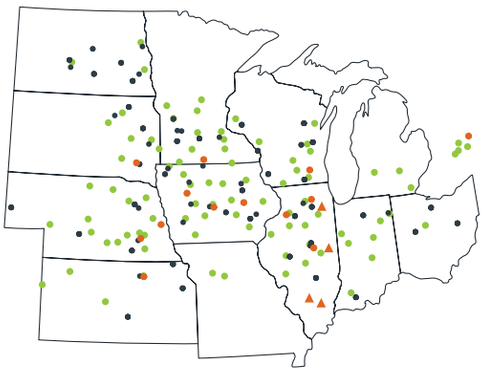
HIGH-TECH PRECISION & HANDS-ON EXPERTISE

GOLDEN HARVEST XPERIENCE — GHX

GHX®
POWERED BY GOLDEN HARVEST

The Golden Harvest® Xperience — GHX® — combines high-tech precision with hands-on expertise to help farmers maximize every acre. This next-level experience includes MaxScript® custom seed recommendations, high-level in-person support and access to elite digital analytics.

DEVELOPING A MAXSCRIPT CUSTOM SEED RECOMMENDATION
THROUGH EXTENSIVE HYBRID RESPONSE & PRODUCT PLACEMENT TESTING



2019-2024 Trial Locations

TRIAL LOCATIONS
We partner with local research trial partners across the Midwest to evaluate hybrid responses across different environmental conditions and management approaches.

SEEDING RATE

PRECISION FERTILIZER PLACEMENT
● Syngenta Trials ▲ Local Research Trial Partners

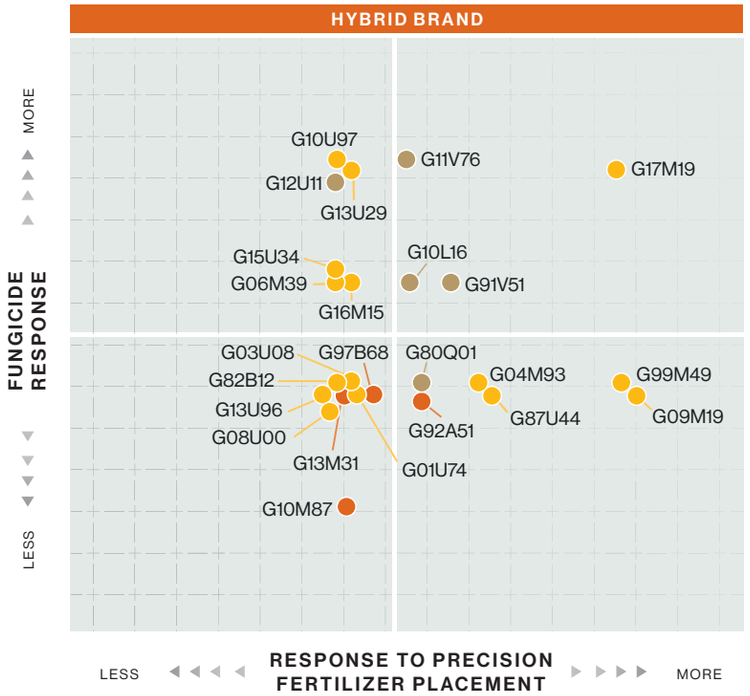
FUNGICIDE

MAXSCRIPT CUSTOM SEED RECOMMENDATIONS
MaxScript custom seed recommendations leverage data and local agronomic expertise to make informed in-field decisions. Our team aligns your goals and preferences with our robust data analytics and advanced agronomic testing to get you the right product, on the right acre, at the right population.

HYBRID RESPONSE[1]
Every hybrid responds to management practices differently. To help guide your decisions from seed selection to harvest, the Golden Harvest agronomy research team conducts extensive trials to understand how each product responds to seeding rate, fertilizer placement and foliar fungicide application.

RESPONSE TO SEEDING RATE

- Consistently responds to seeding rate increase
- Frequently responds to small seeding rate increase
- Rarely benefits from higher seeding rates



[1] Trial data is based on 735 comparisons with other Syngenta brand products within similar RM range in the Midwest.

MAXIMIZED PERFORMANCE
FROM SEED SELECTION TO HARVEST

Access a personalized plan tailored for your farm including predictive seed placement, boots-on-the-ground support and cutting-edge digital resources.

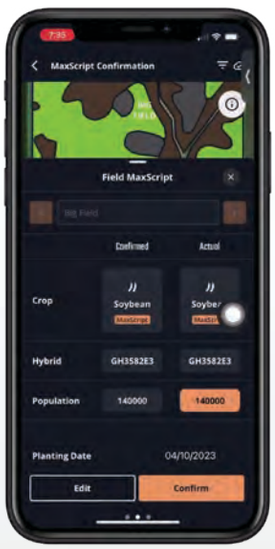
POST-HARVEST

Product Recommendation

PLANNING

MaxScript® Recommendation
Field Placement
+ Seeding Rate

PLANTING



MaxScript Confirmation

IN-PERSON

IN-SEASON

In-Season Insights
Crop Health Reports, Imagery, Weather & Markets

HARVEST

Harvest Priority & Results Tracking

SCOUTING VISITS

THE GHX APP

The GHX® app is your all-in-one tool to access MaxScript recommendations, weather conditions, financial foresights and scouting reports in real time. Combined with personalized service from our experts, GHX is an essential tool to maximize yield and profit potential.

Download the App

CROPWISE AI

Powerful insights at your fingertips. Cropwise™ AI gives you on-demand advice across every phase of your operation — from seed selection and crop protection to helping maximize value at market. Cropwise is your partner in the field to make better, more efficient decisions.

Explore Cropwise AI

CORN TRAIT TECHNOLOGY

Developed by Syngenta's innovation engine, we offer an expansive trait portfolio so you always have the right options for your operation. Our portfolio includes above- and below-ground insect control and water optimization technology to help every hybrid reach its fullest genetic potential.

VERSATILE OPTIONS FOR YOUR ACRES

No matter the challenges your acres face, we offer flexible, proven solutions with elite genetics that can help you reach your operation's goals and optimize your profit potential. Our portfolio offers diverse solutions tailored to:

SPECIFIC CROP ROTATIONS

REGIONAL PEST PRESSURES

ENVIRONMENTAL VARIABLES

NOW AVAILABLE FOR THE 2027 SEASON

DURASTAK TRAIT TECHNOLOGY

STAK YOUR ODDS
AGAINST CORN ROOTWORM

DurastakViptera™

Durastak™

OUTSMART CORN ROOTWORM'S EVERY MOVE

The Durastak™ trait stack is the **industry's first triple *Bt* protein stack** for Corn Rootworm (CRW) control.

Durastak

EVENTS	PROTEINS
Bt11	Cry1Ab
DP4114	Cry1F
	Cry34/35Ab1
MZIR098	mCry3A
	eCry3.1Ab

Duracade

EVENTS	PROTEINS
Bt11	Cry1Ab
TC1507	Cry1F
MIR604	mCry3A
5307	eCry3.1Ab

● Above Ground

● Below Ground

OUTMANEUVER
Hybrids with Durastak trait technology feature ***three powerful modes of action*** to strike CRW at full force.

OUTLAST
Offers ***2x more root node protection*** for increased standability under moderately heavy CRW pressure.[1]

OUTMATCH
+9.7 Bu/A average advantage over hybrids with the Duracade® trait stack under moderately heavy CRW pressure.[1]

Sign Up for Updates

CORN TRAIT TECHNOLOGY

[1] Data is based on 5 internal Syngenta trials; 2023-2024. Trial Locations: IL, IA and NE. Syngenta defines a yield environment of 50-99 Bu/A as severe and <50 Bu/A as extreme. More information about Syngenta corn trait technology is available at www.biotradestatus.com.



CHOOSING THE RIGHT TRAIT TECHNOLOGY

ABOVE- & BELOW-GROUND INSECT CONTROL

Get comprehensive insect protection, including proven Corn Rootworm (CRW) control.

DurastakViptera™

NOW AVAILABLE

Features three modes of action against CRW with additional protection against leaf-, stalk- and ear-feeding insects.

DuracadeViptera™

Comprehensive control of above- and below-ground pests, including CRW, Earworm, Cutworm, Armyworm and Corn Borer.

Durastak™

NOW AVAILABLE

Three modes of action for enhanced control of CRW with improved standability under moderately heavy CRW pressure for top yield potential.[1]

Duracade®

Multiple modes of action to control CRW and Corn Borer and to suppress ear-feeding insects.

Additional Above- and Below-Ground Trait Stack Offering: DuracadeViptera™Z3

ABOVE-GROUND INSECT CONTROL

Protect hybrid quality and yield potential with the industry's most effective above-ground insect control.

Viptera®

Better, more complete control for major leaf-, stalk- and ear-feeding corn insects, and the only trait in the industry to control Western Bean Cutworm.[2]

Additional Above-Ground Trait Stack Offerings: Viptera™Z3 Agrisure® Above

WATER OPTIMIZATION

As weather conditions become increasingly unpredictable, manage gaps in rainfall and maintain high yield potential with enhanced water use efficiency.

Artesian®

Uniquely developed with multiple genes for season-long drought protection and top-end yield potential in productive conditions.

[1] Data is based on 5 internal Syngenta trials; 2023-2024. Trial Locations: IL, IA and NE.
[2] Hibbard B.E. et al., 2011. J. Econ. Entomol. 104(5):1584-1591.
More information about Syngenta corn trait technology is available at www.biotradestatus.com.

Learn More About Our Broad Trait Portfolio

AVAILABLE CORN TRAIT TECHNOLOGY

	TRAIT STACK	INSECT TRAIT EVENTS			HERBICIDE TOLERANCE	
		BROAD LEPIDOPTERAN	CORN BORER	CORN ROOTWORM	GLYPHOSATE	GLUFOSINATE
ABOVE- AND BELOW-GROUND TRAIT STACKS	DurastakViptera	MIR162 TC1507 DP4114	Bt11 TC1507	DP4114 MZIR098	✓	✓
	DuracadeViptera	MIR162 TC1507	Bt11 TC1507	MIR604 5307	✓	✓
	DuracadeViptera Z3	MIR162 MON89034	Bt11 MON89034	MIR604 5307	✓	✓
	Durastak	DP4114	Bt11	DP4114 MZIR098	✓	✓
	Duracade	TC1507	Bt11 TC1507	MIR604 5307	✓	✓
	Agrisure Viptera 3111	MIR162	Bt11	MIR604	✓	✓
ABOVE-GROUND TRAIT STACKS	Viptera	MIR162 TC1507	Bt11 TC1507		✓	✓
	Viptera Z3	MIR162, MON89034	Bt11 MON89034		✓	✓
	Agrisure Above	TC1507	Bt11 TC1507		✓	✓
NO INSECT PROTECTION	Agrisure GT/LL				✓	✓
	Agrisure GT				✓	
	Conventional					

CONSISTENT
FIELD-PROVEN

CORN HYBRIDS

HIGH YIELD POTENTIAL ON EVERY ACRE

Golden Harvest® corn hybrids are developed from differentiated germplasm with next-generation trait technologies for consistent, high-quality crops at harvest. Our complete portfolio of early- and late-season hybrids gives you more options for every acre — every season.

OPTIMIZE PERFORMANCE WITH SYNGENTA SEED TREATMENTS

syngenta®

CruiserMaxx® Vibrance® Corn

The insecticide and fungicide seed treatment with enhanced root health.

- Broad-spectrum control of labeled early-season insects in addition to seed- and soilborne diseases.
- Contains a third mode of action against *Rhizoctonia*.
- Comprehensive early-season insect and disease protection to support healthy seedlings and strong root development, helping maximize yield potential.

Vayantis®

Reinforce your early-season *Pythium* protection.

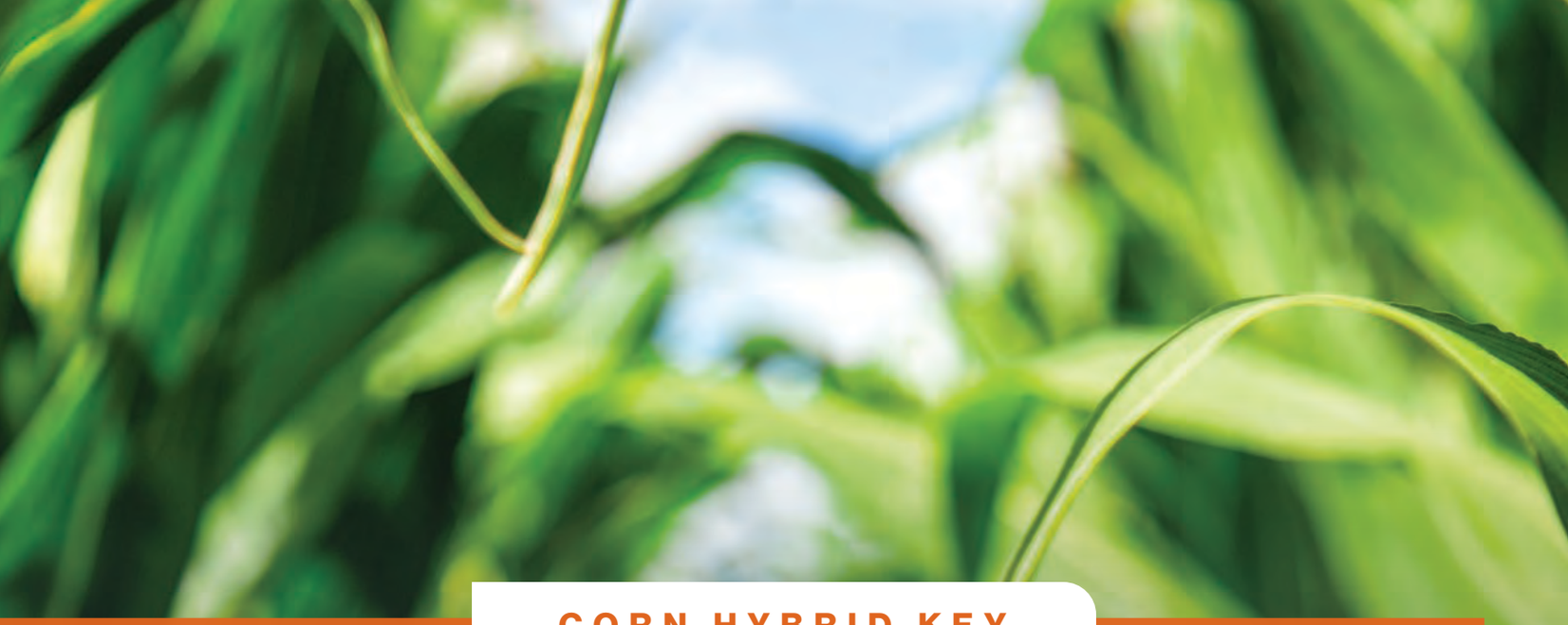
- An extremely powerful and novel mode of action with no cross-resistance to existing oomycete chemistries — effective against all known *Pythium* species.
- Increased seed germination, emergence and improved plant stand uniformity across variable soil types and environmental conditions.

Epivio® Energy

Get the most out of your soil.

- A compound from Syngenta Biologicals that enhances soil microflora activity.[1]
- Boosts germination and seed development, ultimately maximizing yield potential and increasing stand uniformity.
- Improves conditions for root development and canopy closure and enables recovery from early-season stresses.

[1] Padua University, 2016.
CruiserMaxx Vibrance Corn is an on-seed application of Cruiser 5FS insecticide delivered at the 0.25, 0.50 or 1.25 mg ai/seed rate, and Vibrance Cinco or Maxim Quattro and Vibrance fungicides.



CORN HYBRID KEY

G indicates Golden Harvest® corn.

Represents the **relative maturity.**
If 100RM or greater, only the last two digits will be utilized (e.g., 85 = 85, 00 = 100, 15 = 115).

Uniquely identifies each hybrid series.

Trait options available
in this hybrid series.

Indicates **new hybrid series for 2027.**

Relative maturity of hybrid series.

G00X74

G00X74-DS Brand

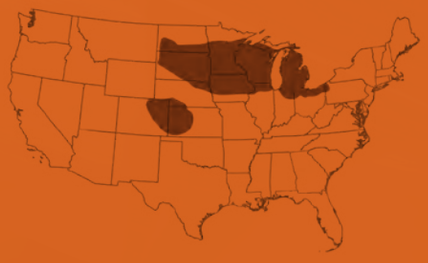
NEW // RM: 100

Broadly Adapted Genetics with Tremendous Yield Potential

- Very strong root strength coupled with reliable stalk strength
- Excellent foliar disease package with great late-season plant health
- Good early-season vigor and emergence for early planting flexibility

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

Durastak



Insect protection, herbicide tolerance and other **trait offerings.**

Primary areas of adaptation
for this hybrid series. Areas are suggested; performance may vary.

G80Q01

G80Q01-V Brand
G80Q01-GT/LL 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	●	●	●	●	●

Viptera AgrisureGT/LL Artesian

G82B12

G82B12-AA Brand

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	●	●	●	●	●

Agrisure Above

G83X62

G83X62-V Brand

***NEW* // RM: 83**

Northern Cornbelt Adaptability with Strong Yield Potential

- Exceptional root strength for season-long standability
- Consistent grain fill coupled with outstanding drydown
- Manage placement in fields with history of Goss's Wilt

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

Viptera

G87U44

G87U44-V Brand

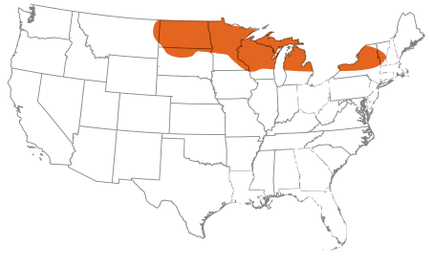
RM: 87

Broadly Adapted Product Provides Top-End Yield Potential Across a Range of Environments

- Moderate plant stature supported with strong roots and stalks
- Consistent earing with nice grain quality and test weight
- Stable performance for the Northern corn market

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

Viptera



G88X51

G88X51-V Brand

NEW // RM: 88

Outstanding Yield Potential with Strong Drought Tolerance

- Very good foliar disease package for maximizing yield potential
- Broadly adapted hybrid for ease of placement across soil types
- Semi-flex ear type delivering placement and population flexibility

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

Viptera

G91V51

G91V51-DV Brand
G91V51 Brand (Conv.)

RM: 91

Proven 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	●	●	●	●	●

DuracadeViptera Conventional Artesian

G91X49

G91X49-V Brand

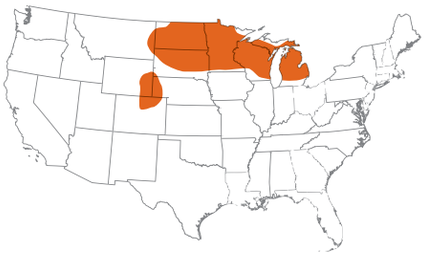
NEW // RM: 91

Solid Yield Potential with Dependable Roots and Stalks

- Very good early-season agronomics and disease package
- Taller plant type with excellent dual-purpose silage capability
- Open husk ear type for early drydown and Northern movement

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

Viptera



G92A51

G92A51-AA Brand

RM: 92

Dependable Yield Potential with Broad Adaptability

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

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

Agrisure Above

G94U63

G94U63-V Brand

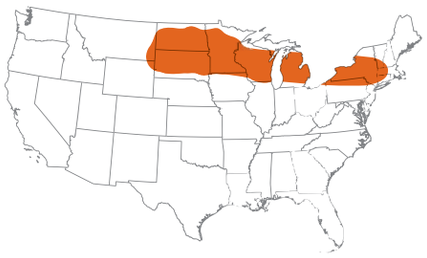
RM: 94

Distinguishing Yield Potential and Outstanding Adaptation Across Soil Types

- Solid emergence and early-season vigor provide a fast start
- Strong roots and stalks for season-long standability
- Excellent drydown with outstanding test weight

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

Viptera



G95X41

G95X41-DS Brand

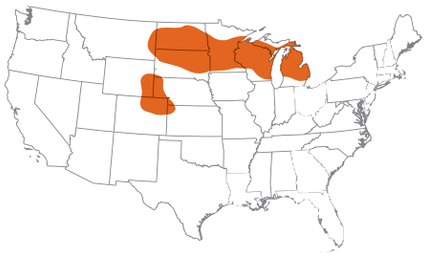
***NEW* // RM: 95**

Strong and Consistent Performance Across All Yield Environments

- Flex-eared hybrid with good potential for yield stability and harvest drydown
- Strong early-season vigor for top-end yield potential
- Solid agronomics featuring reliable Crown Rot tolerance

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

Durastak



G96X62

G96X62-V Brand

***NEW* // RM: 96**

Versatile Product Across Varying Soil Types and Environments

- Semi-flex ear type for flexible population management
- Dependable agronomics with a good foliar disease package
- Excellent roots with strong early-season Crown Rot tolerance

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

Viptera

G97B68

G97B68-DV Brand

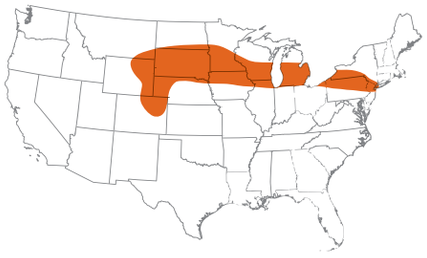
RM: 97

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

DuracadeViptera



G98X34

G98X34-V Brand

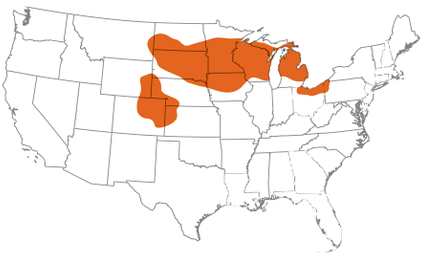
NEW // RM: 98

Dependable Agronomics with Consistent Yield Performance

- Very good Fusarium Crown Rot tolerance
- Solid emergence and vigor for early planting
- Semi-flex ear type supporting variable planting populations

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

Viptera



G98X63

G98X63-DSV Brand

NEW // RM: 98

Yield with Consistency for Grain and Silage Flexibility

- Good early-season vigor to support early stand establishment
- Best performance across moderate to well drained soils
- Robust plant type with strong roots and stalks

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

DurastakViptera

G99M49

G99M49-AA Brand

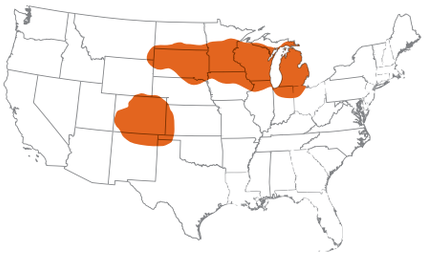
RM: 99

Wide Adaptability with Excellent Yield Potential Across a Wide Range of Soil Types

- Strong option for early planting into tough conditions
- Moderate plant height with great roots and reliable stalks
- Target acres with adequate drainage to maximize yield potential

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

Agrisure Above Artesian



G00X74

G00X74-DS Brand

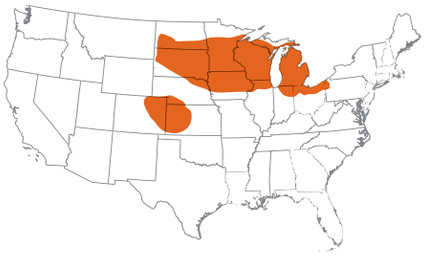
NEW // RM: 100

Broadly Adapted Genetics with Tremendous Yield Potential

- Very strong root strength coupled with reliable stalk strength
- Excellent foliar disease package with great late-season plant health
- Good early-season vigor and emergence for early planting flexibility

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

Durastak



G01U74

G01U74-AA Brand

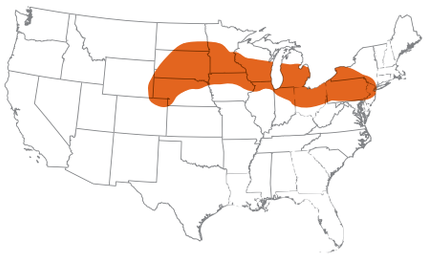
RM: 101

Tremendous Yield Potential with Exceptional Adaptability Across Various Soil Types

- Outstanding emergence and distinguishing seedling vigor for a fast start
- Very strong roots that support solid late-season stalks
- Sharp looking product with moderate plant stature and ear placement

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

Agrisure Above · Artesian



G03U08

G03U08-D Brand

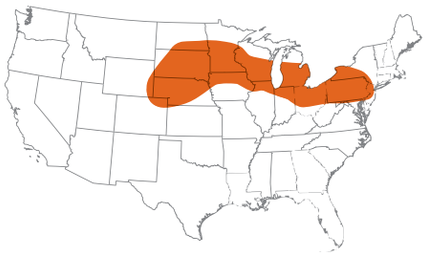
RM: 103

Elite Performance Potential with Consistency in Moderate and High Yield Environments

- Dependable emergence and early-season vigor for strong stand establishment
- Solid agronomics highlighted by season-strong roots
- Excellent performance potential across soil types with good standability

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

Duracade · Artesian



G04M93

G04M93-AA Brand

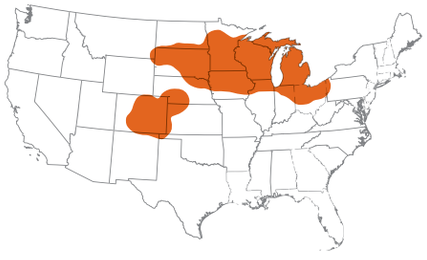
RM: 104

Strong Performance Potential and Excellent Test Weight Across a Wide Range of Acres

- Great emergence makes this product a solid choice in the Northern Cornbelt
- A longer ear type that provides more yield potential on the highly productive acre
- Dependable roots and stalks allow for placement flexibility

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

Agrisure Above



G04X79

G04X79-DS Brand

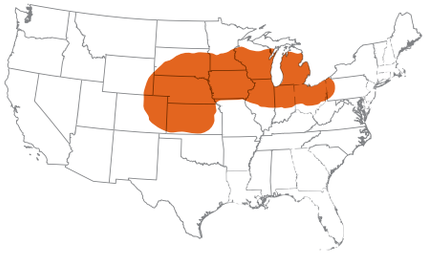
***NEW* // RM: 104**

Robust Plant Suited for Continuous-Corn Acres Across the Cornbelt

- Outstanding emergence and early vigor well suited for early planting
- Attractive ear length and ability to flex at lower populations
- Larger plant type that stands with solid roots and stalks

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

Durastak



G06M39

G06M39-DV Brand

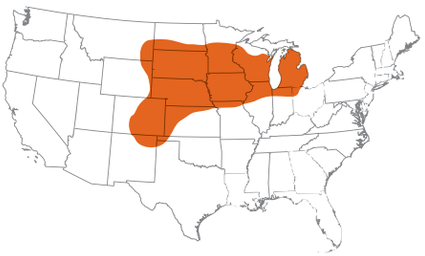
RM: 106

DuracadeViptera Hybrid Adapted to the Western and Central Cornbelt with Strong Drought Tolerance

- Strong emergence and vigor allow for early planting
- Taller plant type with a very good dual-purpose silage potential
- Solid green snap, Goss's Wilt and Bacterial Leaf Streak tolerance enable Western movement

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

DuracadeViptera



G07X15

G07X15-V Brand

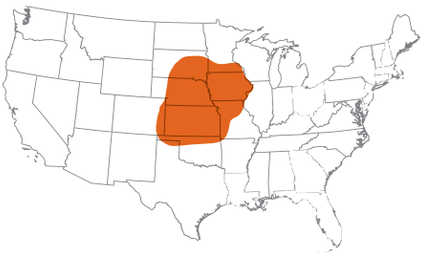
***NEW* // RM: 107**

Broadly Adapted Product for the Western Cornbelt

- Dependable emergence for an early planting option
- Moderate plant stature with strong tolerance to greensnap
- Outstanding Tar Spot resistance with a very good disease package

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

Viptera



G08U00

G08U00-V Brand

RM: 108

Great Performance Across Yield Environments with Excellent Drought Tolerance

- Outstanding root strength
- Strong staygreen with an excellent disease package
- Moderately tall plant type with very good test weight

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

Viptera

G09M19

G09M19-AA Brand

RM: 109

Western Adapted Product for Drought Prone Soils with Outstanding Goss's Wilt Tolerance

- Strong emergence and vigor enable early planting flexibility
- Attractive plant type with excellent test weight
- Very good foliar disease package allows for management flexibility

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

Agrisure Above

G10U97

G10U97-V Brand

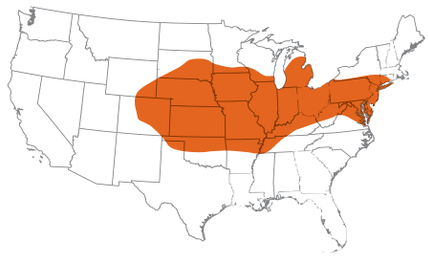
RM: 110

Widely Adapted Product with Strong Yield Potential Across Environments

- Semi-flex ear aids ease of placement with excellent drought tolerance
- Moderate plant height with a proven disease package
- Solid stalks with very strong green snap tolerance

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

Viptera Artesian



G11V76

G11V76-D Brand
G11V76-AA Brand
G11V76 Brand (Conv.)

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 Agrisure Above Conventional

G11X99

G11X99-DV Brand

***NEW* // RM: 111**

Versatile Product with Strong Performance Potential Across All Acres

- Solid roots with demonstrated staygreen for a continuous-corn rotation
- Reliable disease package with moderate Southern Rust tolerance
- Strong response to increased planting populations

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

DuracadeViptera

G12U11

G12U11-AA Brand

RM: 112

Top-End Performance Potential Adapted for the Central and Eastern Cornbelt

- Very good emergence and seedling vigor allow for early planting
- Strong option for all soil types and yield levels
- Great drydown with excellent test weight and grain quality

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

Agrisure Above Artesian

G13U29

G13U29-VZ Brand

RM: 113

Strong Performance and Agronomics for the Western Cornbelt

- Good green snap tolerance with a strong disease package
- Strong stalk strength supports a moderate plant type
- Semi-flex ear type with performance across planting populations

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

G13U96

G13U96-DV Brand

RM: 113

Excellent Yield Potential with a Strong Disease Package for the Continuous-Corn Acre

- Versatility across environments with strong adaptation across soil types
- Very strong stalks with exceptional green snap tolerance
- Dependable emergence with very good early vigor

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

G13X38

G13X38-DV Brand

***NEW* // RM: 113**

Reliable Agronomics with Consistent Performance Fit for the Central and Eastern Cornbelt

- Strong tolerance to a wide range of diseases including Fusarium Crown Rot
- Taller plant type that works across all yield environments
- Semi-flex ear that provides steady drydown for a timely harvest

Rating	9	7	5	3	BEST 1
Emergence	●	●	●	●	○
Root Strength	●	●	●	○	○
Stalk Strength	●	●	●	●	○
Staygreen	●	●	●	○	○
Drydown	●	●	●	○	○
Drought	○	○	○	*Rating Not Available*	

G14X81

G14X81-AA Brand

***NEW* // RM: 114**

Top-End Yield Potential for the Highly Productive Acre

- Best adapted for the Central Cornbelt
- Moderate plant and ear height with very good drydown and solid test weight
- Responsive to enhanced management practices

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

G15J91

G15J91-V Brand
G15J91 Brand (Conv.)

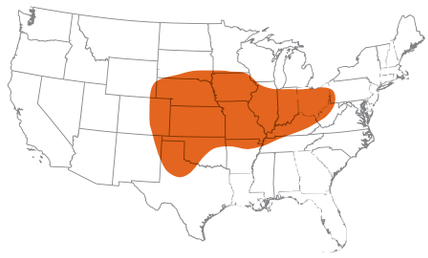
RM: 115

Proven Yield Performance with Season-Long Standability

- A versatile option for 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	●	●	●	●	●

Viptera Conventional



G16M15

G16M15-V Brand

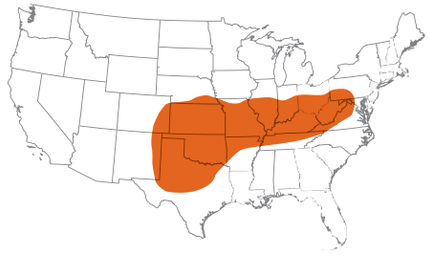
RM: 116

Exciting Genetics with Strong Heat and Drought Tolerance for the Southern Cornbelt

- Outstanding roots with very good stalk strength provide season-long standability
- Reliable foliar disease package led by distinguishing Tar Spot tolerance
- Attractive plant type with a moderate plant structure

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

Viptera



G17M19

G17M19-DVZ Brand

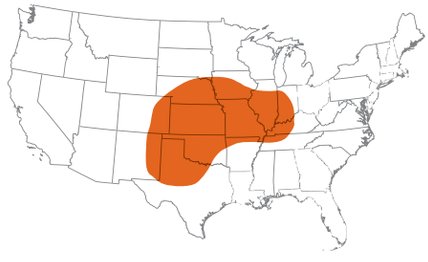
RM: 117

Full-Season DuracadeVipteraZ3 Hybrid Adapted to the Western and Central Cornbelt for the High Yield Potential Acre

- Solid roots and stalks for season-long standability
- Broad adaptability across soil types allows for placement flexibility
- Highly responsive to enhanced management practices

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

DuracadeViptera Z3



G17X12

G17X12-V Brand

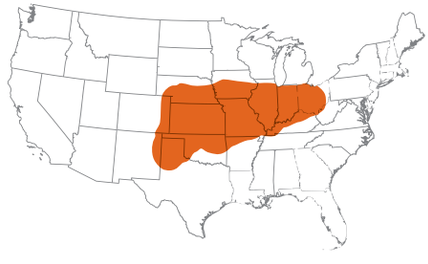
***NEW* // RM: 117**

Strong Yield Potential with Excellent Agronomics Suited for the Southern Cornbelt

- Outstanding roots and stalks with great greensnap tolerance
- Good ear flex under moderate seeding rates
- Excellent dual-purpose silage potential with exceptional quality

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

Viptera



CORN CHARACTERISTICS

RM 80–106

BRAND		TRAIT OFFERINGS[1]				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	No Insect Protection	Relative Maturity	GDUs to Silk	GDUs to Black Layer
		DurastakViptera, DuracadeViptera, DuracadeViptera Z3, Durastak, Duracade	Viptera, Viptera Z3, Agrisure Above	Agrisure Viptera 3111	Agrisure GT/LL, Agrisure GT, Conventional			
💧	G80Q01		V		GT/LL	80	1150	1810
	G82B12		AA			82	1160	2050
NEW	G83X62		V			83	1200	2075
	G85B04		AA			85	1220	2140
	G85Z56		V			85	1220	2140
	G87U44		V			87	1225	2180
NEW	G88X51		V			88	1220	2180
💧	G91V51	DV			Conv.	91	1240	2300
NEW	G91X49		V			91	1230	2300
	G92A51		AA			92	1240	2300
	G94U63		V			94	1280	2400
	G95D32		V		GT/LL	95	1280	2400
NEW	G95X41	DS				95	1280	2400
NEW	G96X62		V			96	1280	2420
	G97B68	DV				97	1290	2410
	G98U62	DV				98	1270	2410
NEW	G98X34		V			98	1280	2420
NEW	G98X63	DSV				98	1350	2510
💧	G99M49		AA			99	1350	2530
💧	G00A97		AA		Conv.	100	1345	2490
	G00U71	D				100	1340	2500
NEW	G00X74	DS				100	1345	2500
💧	G01U74		AA			101	1350	2495
	G03B19		AA			103	1360	2515
💧	G03U08	D				103	1350	2525
NEW	G03X84	DSV				103	1450	2600
	G04M93		AA			104	1430	2650
NEW	G04X79	DS				104	1425	2550
	G05U86	DV				105	1455	2655
	G06M39	DV				106	1425	2620

[1] **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.**

[2] 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 predispose plants to secondary diseases such as stalk and ear rots. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure. Ratings are based on interpretation of statistically analyzed results of studies conducted by Syngenta.

[3] Flex hybrids adjust to growing conditions by changing ear length or kernel depth. Determinate 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.

LIBERTY LINK® HX™ HX™ YieldGard VT PRO™

💧 Artesian® water-optimized hybrid

Trait Offerings

Above- and Below-Ground Insect Protection with E-Z Refuge
- DSV = DurastakViptera™
- DV = DuracadeViptera™
- DVZ = DuracadeViptera™Z3
- DS = Durastak™
- D = Duracade®

Above-Ground Insect Protection with E-Z Refuge
- V = Viptera®
- VZ = Viptera®Z3
- AA = Agrisure® Above

Above- and Below-Ground Insect Protection
- 3111 = Agrisure Viptera® 3111

No Insect Protection
- GT/LL = Agrisure® GT/LL
- GT = Agrisure® GT
- Conv. = Conventional

AGRONOMIC CHARACTERISTICS									PLANT CHARACTERISTICS						DISEASE TOLERANCE[2]									BRAND
Emergence	Seedling Vigor	Root Strength	Stalk Strength	Drought	Green Snap	Staygreen	Drydown	Test Weight	Plant Height	Ear Height	Root Type	Leaf Type	Ear Flex[3]	Cob Color	Gray Leaf Spot	Northern Corn Leaf Blight	Goss's Wilt	Bacterial Leaf Streak	Southern Corn Leaf Blight	Anthracnose Stalk Rot	Tar Spot	Fusarium Crown Rot	Common Rust	Southern Rust	Golden Harvest® Hybrid Series
3	3	3	3	1	3	1	4	2	5	4	M	U	SF	R	3	5	4	3	-	6	2	7	-	-	G80Q01
2	2	3	3	2	5	3	3	3	5	5	M	S-U	SD	R	4	5	4	3	-	3	5	5	-	-	G82B12
4	4	1	3	3	2	3	2	4	5	6	M	S-U	SD	DR	-	4	6	6	-	4	2	4	-	-	G83X62 NEW
3	3	3	3	3	5	3	2	4	3	4	M	S-U	SD	R	4	4	4	4	-	4	4	5	-	-	G85B04
3	3	4	3	2	3	3	3	3	3	4	M	S-U	SF	R	-	3	4	-	-	5	3	6	-	-	G85Z56
3	3	3	2	2	3	3	3	3	4	4	M	S-U	SF	R	-	4	4	3	-	3	4	5	-	-	G87U44
3	3	3	3	2	4	3	3	4	4	5	M	S-U	SF	R	-	3	4	4	-	3	4	3	-	-	G88X51 NEW
2	3	5	4	1	3	4	3	3	4	4	M	U	SF	R	3	3	4	-	-	4	3	5	-	-	G91V51
4	3	3	3	3	3	3	3	4	3	3	M	U	SF	R	-	3	3	4	-	3	4	3	-	-	G91X49 NEW
2	3	4	4	2	3	2	3	3	3	3	M	S-U	SF	R	3	4	6	3	-	4	4	5	-	-	G92A51
3	3	3	3	3	2	3	2	2	3	4	M	S-U	SF	R	3	4	5	2	-	4	4	5	-	-	G94U63
3	3	3	2	2	5	2	3	2	3	4	F	S-U	F	R	4	4	3	4	-	3	4	3	4	-	G95D32
4	3	3	3	3	4	4	3	4	3	3	F	S-U	SF	Pi	-	4	4	4	-	3	4	4	-	4	G95X41 NEW
3	2	2	3	3	3	4	3	3	4	4	M	S-U	SF	R	-	4	4	4	-	4	4	3	-	-	G96X62 NEW
3	2	4	3	2	3	3	3	3	3	3	M	U	SF	R	3	3	3	5	-	3	4	3	-	-	G97B68
3	3	3	4	4	3	4	3	4	3	5	M	S-U	SF	R	4	4	3	3	-	3	3	4	-	-	G98U62
3	2	3	3	3	2	4	3	4	5	5	M	S-U	SF	DR	-	3	4	4	-	3	4	3	-	-	G98X34 NEW
4	3	2	3	5	4	3	3	3	3	3	M	S-U	SF	R	-	5	4	4	-	4	4	4	-	4	G98X63 NEW
2	2	2	3	1	2	4	2	3	5	5	M	S-U	SF	Pi	3	4	4	4	-	5	4	4	-	-	G99M49
4	3	2	2	1	2	2	3	3	5	5	M	P	SD	R	3	3	6	4	-	3	4	3	-	-	G00A97
2	2	2	5	3	2	4	2	3	3	4	M	U	SF	Pi	4	4	4	4	5	5	5	5	-	-	G00U71
3	2	2	3	2	3	3	3	2	4	5	P	S-U	SF	R	-	4	3	3	-	4	3	4	-	4	G00X74 NEW
2	2	2	2	1	3	4	3	2	4	6	P	U	SF	Pi	3	4	4	2	5	4	4	4	-	-	G01U74
3	3	4	3	2	2	3	2	3	4	5	M	U	SF	Pi	3	4	3	5	-	5	3	5	-	-	G03B19
3	2	2	3	1	2	4	3	2	4	6	M	U	SF	Pi	4	5	3	3	3	3	4	4	-	-	G03U08
3	3	3	3	3	4	5	3	3	3	5	M	S-U	SF	R	-	4	4	3	-	3	3	4	-	4	G03X84 NEW
2	3	3	3	2	4	4	1	2	3	4	M	P	SF	Pi	4	4	3	4	-	4	3	4	-	3	G04M93
2	2	3	3	3	4	5	4	3	2	4	M	U	SF	R	-	3	4	3	-	4	3	4	-	4	G04X79 NEW
3	3	3	3	3	2	5	3	1	3	4	M	S-U	SF	Pi	4	5	3	2	4	4	3	5	-	3	G05U86
3	3	3	3	2	4	4	3	4	3	3	M	P	SF	R	2	4	3	3	-	3	5	3	-	5	G06M39

Agronomic Characteristics
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

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

CORN CHARACTERISTICS

RM 107-117

BRAND	TRAIT OFFERINGS[1]				MATURITY INFORMATION		
	Above- and Below-Ground Insect Protection with E-Z Refuge®	Above-Ground Insect Protection with E-Z Refuge®	Above- and Below-Ground Insect Protection	No Insect Protection			
Golden Harvest® Hybrid Series	DurastakViptera, DuracadeViptera, DuracadeViptera Z3, Durastak, Duracade	Viptera, Viptera Z3, Agrisure Above	Agrisure Viptera 3111	Agrisure GT/LL, Agrisure GT, Conventional	Relative Maturity	GDUs to Silk	GDUs to Black Layer
G07F23				Conv.	107	1475	2670
NEW G07X15		V			107	1475	2650
G08R52		V			108	1470	2580
G08U00		V			108	1465	2660
G09B15		V			109	1480	2690
G09M19		AA			109	1465	2720
G09Y24	DV				109	1520	2670
G10L16	DV				110	1495	2720
G10M87		AA			110	1495	2695
G10U97		V			110	1515	2690
G11V76	D	AA		Conv.	111	1530	2700
NEW G11X99	DV				111	1470	2690
G12A22	DV				112	1505	2720
G12S75	D				112	1530	2730
G12U11		AA			112	1525	2710
G13H15		AA			113	1520	2740
G13M31		AA			113	1530	2720
G13U29		VZ			113	1525	2735
G13U96	DV				113	1480	2725
NEW G13X38	DV				113	1550	2725
G14B32	DV				114	1530	2740
G14R38		AA			114	1535	2730
NEW G14X81		AA			114	1540	2725
G15J91		V		Conv.	115	1555	2765
G15L32	DV				115	1555	2745
G15U34		V		Conv.	115	1530	2800
G16K01			3111	GT	116	1565	2790
G16M15		V			116	1570	2775
G16Q82	DV				116	1540	2800
G17M19	DVZ				117	1520	2825
NEW G17X12		V			117	1580	2765

[1] **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.**

[2] 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 predispose plants to secondary diseases such as stalk and ear rots. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure. Ratings are based on interpretation of statistically analyzed results of studies conducted by Syngenta.

[3] Flex hybrids adjust to growing conditions by changing ear length or kernel depth. Determinate 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.

LIBERTY LINK® HERCULEX® I HX™ HERCULEX® XTRA HX™ YieldGard VT PRO™

Artesian® water-optimized hybrid

Trait Offerings

Above- and Below-Ground Insect Protection with E-Z Refuge
- DSV = DurastakViptera™
- DV = DuracadeViptera™
- DVZ = DuracadeViptera™Z3
- DS = Durastak™
- D = Duracade®

Above-Ground Insect Protection with E-Z Refuge
- V = Viptera®
- VZ = Viptera®Z3
- AA = Agrisure® Above

Above- and Below-Ground Insect Protection
- 3111 = Agrisure Viptera® 3111

No Insect Protection
- GT/LL = Agrisure® GT/LL
- GT = Agrisure® GT
- Conv. = Conventional

AGRONOMIC CHARACTERISTICS									PLANT CHARACTERISTICS						DISEASE TOLERANCE[2]									BRAND
Emergence	Seedling Vigor	Root Strength	Stalk Strength	Drought	Green Snap	Staygreen	Drydown	Test Weight	Plant Height	Ear Height	Root Type	Leaf Type	Ear Flex[3]	Cob Color	Gray Leaf Spot	Northern Corn Leaf Blight	Goss's Wilt	Bacterial Leaf Streak	Southern Corn Leaf Blight	Anthracnose Stalk Rot	Tar Spot	Fusarium Crown Rot	Common Rust	Southern Rust	Golden Harvest® Hybrid Series
3	3	3	2	2	3	4	3	4	5	5	M	S-U	SF	Pi	3	2	4	5	5	-	3	3	5	6	G07F23
3	3	4	3	4	3	3	4	3	5	6	M	S-U	SF	R	-	3	3	4	-	3	2	3	-	3	G07X15 NEW
3	3	2	2	2	4	4	4	4	5	5	M	U	SF	R	5	3	4	4	5	4	4	5	-	2	G08R52
4	2	2	4	2	3	3	5	3	2	2	P	S-U	SF	R	5	4	4	2	3	3	2	5	-	3	G08U00
3	4	5	4	2	3	5	2	4	4	4	P	S-U	SF	R	2	5	5	4	-	5	5	6	-	-	G09B15
3	3	5	4	2	3	3	2	2	4	4	M	S-U	SF	R	3	3	2	3	-	4	3	5	-	3	G09M19
3	3	4	4	1	3	5	4	4	5	3	M	S-U	SF	R	5	2	4	4	4	-	4	5	-	5	G09Y24
3	4	5	4	1	4	5	2	4	5	6	M	S-U	SF	R	4	6	3	3	4	4	4	6	7	4	G10L16
3	3	2	3	5	4	4	3	4	4	4	P	S-U	SD	R	3	4	4	4	-	5	3	5	-	5	G10M87
3	3	4	3	1	2	4	2	3	4	6	M	S-U	SF	Pi	3	4	2	3	3	4	4	4	-	4	G10U97
3	3	4	4	2	3	4	3	3	4	6	F	U	SF	Pi	4	3	5	4	6	3	3	4	7	4	G11V76
4	4	3	4	3	3	3	4	4	5	6	M	S-U	SF	R	-	3	4	3	-	3	3	4	-	4	G11X99 NEW
3	3	3	3	3	3	4	4	3	4	3	M	U	SD	R	3	3	4	3	-	5	4	5	-	3	G12A22
3	2	3	2	4	5	2	4	3	2	4	M	U	SF	R	3	3	3	4	6	3	2	3	7	3	G12S75
3	2	4	3	1	2	3	2	2	2	2	M	S-U	SF	W	4	3	2	3	3	2	5	5	-	5	G12U11
3	4	3	2	2	3	3	3	4	3	3	M	U	SD	R	3	4	3	4	5	-	-	2	-	-	G13H15
4	4	2	3	3	5	4	3	4	4	4	M	S-U	SD	R	4	4	4	3	-	4	3	4	-	3	G13M31
4	3	5	3	2	3	3	2	3	3	4	M	S-U	SF	R	3	3	2	2	3	2	4	3	-	4	G13U29
3	3	4	2	1	1	4	4	4	4	4	M	S-U	SF	R	3	4	2	3	3	3	4	4	-	4	G13U96
4	4	4	3	-	4	5	4	3	1	2	M	U	SF	W	-	3	3	3	-	3	3	3	-	3	G13X38 NEW
2	3	3	4	3	3	5	3	4	1	1	P	S-U	SF	R	3	5	3	3	-	5	4	6	-	-	G14B32
3	3	2	3	3	3	4	3	3	3	2	M	U	SD	R	5	4	4	4	4	4	4	3	3	4	G14R38
4	3	4	4	5	3	5	3	3	6	5	M	S-U	SF	Pi	-	5	4	3	-	4	3	5	-	4	G14X81 NEW
4	4	3	3	2	3	4	4	4	3	5	M	U	SF	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	R	3	4	4	3	3	-	6	6	7	5	G15L32
4	3	3	2	3	2	4	3	3	4	4	M	S-U	SF	R	4	3	3	3	3	1	4	3	-	4	G15U34
4	3	5	3	2	3	3	2	4	4	4	M	P	F	Pi	5	4	3	3	3	3	4	4	6	5	G16K01
4	4	2	3	2	4	4	4	4	4	6	M	U	SF	W	4	3	3	3	-	3	2	3	-	5	G16M15
3	4	2	3	1	3	4	4	4	3	4	M	S-U	SF	R	3	3	3	4	3	4	3	3	-	4	G16Q82
3	3	3	3	3	3	4	4	4	3	5	M	U	SF	W	4	4	4	3	4	2	3	4	-	3	G17M19
4	4	2	2	4	2	4	4	3	3	4	M	U	SF	Pi	-	4	4	4	-	3	2	3	-	5	G17X12 NEW

Agronomic Characteristics
1 = Best
9 = Worst
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9 = Low

Test Weight
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Disease Tolerance
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Ear Flex
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Leaf Type
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Cob Color
DR = Dark Red
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W = White

CORN AGRONOMIC MANAGEMENT

BRAND	RM	AGRONOMIC MANAGEMENT AND PLACEMENT TRAITS														END-USE TRAITS			
		Seeding Rate (x1000k)					Characteristics		Adaptation to Soil Types or Yield Environments										
Golden Harvest® Hybrid Series	Relative Maturity	150 Bu	190 Bu	220 Bu	260 Bu	300 Bu	Root Strength	Stalk Strength	Continuous Corn	High pH	Highly Productive	Coarse-Textured	Medium-Textured	Fine-Textured	Fungicide Response	Starch	Protein	Oil	Beef Feed-to-Gain
💧 G80Q01	80	26.0	29.5	30.5	32.0	33.0	3	3	G	G	G	B	B	G	F	G	G	F	P
G82B12	82	28.8	31.1	32.9	35.2	37.6	3	3	G	G	G	B	B	B	F	G	G	G	G
NEW G83X62	83	28.6	31.0	32.8	35.1	37.5	1	3	-	G	G	G	G	G	F	-	-	-	-
G85B04	85	29.0	31.2	32.9	35.1	37.3	3	3	F	G	B	G	G	F	G	G	F	G	G
G85Z56	85	30.0	31.3	32.3	33.6	34.9	4	3	B	F	B	B	B	G	G	G	G	F	B
G87U44	87	28.9	31.3	33.2	35.6	38.1	3	2	G	G	B	G	G	G	F	-	-	-	-
NEW G88X51	88	27.3	30.1	32.1	34.9	37.7	3	3	-	G	B	B	B	B	F	-	-	-	-
💧 G91V51	91	24.0	29.0	30.5	32.5	34.0	5	4	F	F	B	B	B	G	G	G	P	G	G
NEW G91X49	91	28.1	30.6	32.5	34.9	37.4	3	3	-	G	B	G	G	G	F	-	-	-	-
G92A51	92	28.5	30.8	32.4	34.6	36.8	4	4	B	G	G	B	B	F	F	G	F	P	F
G94U63	94	27.3	29.9	31.9	34.6	37.2	3	3	F	G	B	G	G	G	F	G	G	F	G
G95D32	95	27.9	30.8	32.9	35.8	38.6	3	2	G	G	B	B	B	B	G	B	G	G	G
NEW G95X41	95	28.2	30.8	32.7	35.2	37.7	3	3	-	G	G	G	G	G	G	-	-	-	-
NEW G96X62	96	28.8	31.2	32.9	35.2	37.6	2	3	-	G	G	G	B	G	F	-	-	-	-
G97B68	97	28.9	31.4	33.2	35.6	38.1	4	3	G	B	B	G	G	G	F	F	G	G	F
G98U62	98	29.1	31.7	33.6	36.2	38.8	3	4	G	G	G	G	G	G	F	G	F	G	G
NEW G98X34	98	26.5	29.5	31.8	34.9	38.0	3	3	-	G	B	G	G	B	G	-	-	-	-
NEW G98X63	98	27.7	30.4	32.9	35.2	37.9	2	3	-	G	G	G	G	F	B	-	-	-	-
💧 G99M49	99	29.2	31.2	32.8	34.8	36.9	2	3	B	G	B	B	B	G	F	F	G	G	F
💧 G00A97	100	32.1	33.9	35.3	37.1	39.0	2	2	B	G	B	G	B	B	G	B	F	G	F
G00U71	100	28.3	30.6	32.3	34.5	36.8	2	5	B	G	G	G	G	F	G	F	B	B	F
NEW G00X74	100	27.3	30.5	32.9	36.1	39.2	2	3	-	B	B	G	G	B	F	-	-	-	-
💧 G01U74	101	29.1	31.6	33.5	36.1	38.6	2	2	G	B	B	G	G	G	F	G	G	G	F
G03B19	103	29.3	31.5	33.1	35.3	37.4	4	3	G	F	G	G	G	G	B	F	B	G	G
💧 G03U08	103	29.1	31.5	33.4	35.8	38.3	2	3	B	B	B	B	G	G	F	F	G	B	G
NEW G03X84	103	26.9	29.7	31.7	34.5	37.3	3	3	-	G	G	G	B	F	G	-	-	-	-
G04M93	104	28.6	31.1	33.0	35.5	38.0	3	3	G	G	B	G	G	G	F	G	G	F	F
NEW G04X79	104	27.1	29.8	31.9	34.6	37.4	3	3	-	F	G	G	G	G	G	-	-	-	-
G05U86	105	28.9	31.5	33.4	35.9	38.4	3	3	G	F	F	F	G	G	G	F	G	F	P
G06M39	106	28.2	30.4	32.1	34.4	36.7	3	3	G	F	F	G	G	G	F	G	F	F	B
G07F23	107	20.5	25.0	29.5	34.0	38.5	3	2	G	P	B	B	B	G	F	G	F	B	B

💧 Artesian® water-optimized hybrid

Agronomic Characteristics
1 = Best
9 = Worst
- = Not Available

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

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	RM	AGRONOMIC MANAGEMENT AND PLACEMENT TRAITS														END-USE TRAITS			
		Seeding Rate (x1000k)					Characteristics		Adaptation to Soil Types or Yield Environments										
Golden Harvest® Hybrid Series	Relative Maturity	150 Bu	190 Bu	220 Bu	260 Bu	300 Bu	Root Strength	Stalk Strength	Continuous Corn	High pH	Highly Productive	Coarse-Textured	Medium-Textured	Fine-Textured	Fungicide Response	Starch	Protein	Oil	Beef Feed-to-Gain
NEW G07X15	107	28.4	31.0	33.0	35.6	38.2	4	3	-	G	G	G	G	G	G	-	-	-	-
G08R52	108	29.9	32.2	34.0	36.4	38.7	2	2	G	G	F	B	G	G	B	B	G	P	G
G08U00	108	29.8	31.3	32.4	33.9	35.4	2	4	F	G	G	B	G	G	F	F	G	B	G
G09B15	109	30.5	32.7	34.3	36.5	38.6	5	4	G	G	G	B	B	G	F	G	G	F	G
G09M19	109	29.7	31.2	32.4	33.9	35.4	5	4	F	F	G	B	G	F	G	G	G	F	F
G09Y24	109	23.5	26.0	28.5	31.0	34.0	4	4	F	P	B	B	B	G	G	G	G	B	F
G10L16	110	29.0	30.3	31.4	32.7	34.1	5	4	G	F	B	B	G	G	G	G	F	G	G
G10M87	110	28.7	31.6	33.8	36.8	39.7	2	3	G	P	B	P	F	B	F	F	G	B	F
G10U97	110	29.2	31.4	33.1	35.4	37.6	4	3	G	G	G	B	B	B	B	G	F	F	G
G11V76	111	29.9	31.2	32.3	33.7	35.0	4	4	G	G	G	G	B	G	B	B	G	P	F
NEW G11X99	111	27.9	30.8	32.9	35.7	38.5	3	4	-	F	G	B	G	G	F	-	-	-	-
G12A22	112	28.8	30.8	32.3	34.4	36.4	3	3	G	G	B	G	G	G	F	G	F	P	B
G12S75	112	30.0	31.7	32.9	34.6	36.3	3	2	B	F	B	P	B	B	F	G	F	F	G
G12U11	112	29.7	31.6	33.0	34.8	36.7	4	3	G	B	B	F	G	B	B	G	F	G	G
G13H15	113	26.0	29.5	32.0	34.5	36.5	3	2	G	F	B	G	B	B	P	G	G	B	G
G13M31	113	28.8	31.4	33.2	35.8	38.3	2	3	F	F	B	G	G	G	F	G	F	G	G
G13U29	113	28.8	31.3	33.1	35.6	38.0	5	3	F	G	G	G	G	F	B	G	F	G	F
G13U96	113	28.6	31.1	32.9	35.4	37.8	4	2	G	B	G	G	B	G	F	G	G	F	G
NEW G13X38	113	29.8	32.0	33.7	35.9	38.1	4	3	-	F	G	F	G	G	-	-	-	-	-
G14B32	114	29.4	31.5	33.1	35.2	37.4	3	4	G	F	B	G	G	G	B	G	F	G	G
G14R38	114	22.0	28.0	32.0	35.0	37.0	2	3	B	F	B	G	B	B	F	G	F	G	B
NEW G14X81	114	29.8	32.0	33.7	35.9	38.1	4	4	-	G	B	F	G	B	F	-	-	-	-
G15J91	115	30.4	31.7	32.7	34.0	35.3	3	3	F	G	B	G	B	B	B	G	G	P	G
G15L32	115	26.0	30.5	31.5	32.5	34.0	3	4	G	B	B	F	G	G	G	B	F	G	B
G15U34	115	29.0	31.6	33.6	36.2	38.9	3	2	G	G	G	F	F	G	G	G	G	F	F
G16K01	116	22.0	28.0	32.0	35.0	37.0	5	3	G	P	B	B	B	F	F	G	F	G	G
G16M15	116	29.8	31.4	32.6	34.3	35.9	2	3	G	F	F	G	G	G	G	G	F	F	G
G16Q82	116	27.5	32.0	32.5	33.0	33.5	2	3	G	G	B	B	B	B	G	B	F	P	F
G17M19	117	30.4	31.7	32.7	34.0	35.3	3	3	G	G	G	G	G	G	B	G	G	P	G
NEW G17X12	117	29.1	30.7	32.0	33.6	35.2	2	2	-	F	G	F	G	B	-	-	-	-	-

CORN SILAGE CHARACTERISTICS

BRAND	RM	CHARACTERISTICS						DISEASE TOLERANCE[1]			AGRONOMIC RESEARCH RATINGS[2]							
		Agronomic				Plant												
Golden Harvest® Hybrid Series	Relative Maturity	Emergence	Root Strength	Drought	Staygreen	Plant Height	Ear Height	Gray Leaf Spot	Goss's Wilt	Tar Spot	Yield (Tons/A)	NDFd 30 hr (% of NDF)	Starch (% of DM)	NEL (Mcal/lb)	Milk (lbs/Ton)	Milk (lbs/A)[3]	Beef (lbs/Ton)	Beef (lbs/A)
G80Q01	80	3	3	1	1	5	4	3	4	2	F	G	G	G	G	G	G	G
G82B12	82	2	3	2	3	5	5	4	4	5	F	G	G	G	G	G	G	G
NEW G83X62	83	4	1	3	3	5	6	-	6	2	F	G	G	G	G	F	G	F
G85B04	85	3	3	3	3	3	4	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
G87U44	87	3	3	2	3	4	4	-	4	4	F	G	G	G	G	F	G	F
NEW G88X51	88	3	3	2	3	4	5	-	4	4	G	F	F	F	P	F	P	F
G91V51	91	2	5	1	4	4	4	3	4	3	G	G	B	G	G	G	G	G
NEW G91X49	91	4	3	3	3	3	3	-	3	4	B	B	G	G	B	B	G	B
G92A51	92	2	4	2	2	3	3	3	6	4	B	G	B	B	B	G	B	G
G94U63	94	3	3	3	3	3	4	3	5	4	G	B	B	G	G	G	G	G
G95D32	95	3	3	2	2	3	4	4	3	4	G	B	B	G	G	G	G	G
NEW G95X41	95	4	3	3	4	3	3	-	4	4	G	F	G	F	G	G	F	G
NEW G96X62	96	3	2	3	4	4	4	-	4	4	G	G	F	F	F	G	G	G
G97B68	97	3	4	2	3	3	3	3	3	4	B	G	G	G	G	B	G	B
G98U62	98	3	3	4	4	3	5	4	3	3	G	G	B	G	B	B	B	B
NEW G98X34	98	3	3	3	4	5	5	-	4	4	G	B	G	G	G	G	G	G
NEW G98X63	98	4	2	5	3	3	3	-	4	4	G	G	G	G	G	G	G	G
G99M49	99	2	2	1	4	5	5	3	4	4	G	G	G	G	F	G	G	G
G00A97	100	4	2	1	2	5	5	3	6	4	F	F	B	G	G	G	B	B
G00U71	100	2	2	3	4	3	4	4	4	5	G	G	G	G	G	G	G	G
NEW G00X74	100	3	2	2	3	4	5	-	3	3	G	G	G	G	G	F	G	F
G01U74	101	2	2	1	4	4	6	3	4	4	G	B	B	G	B	B	B	B
G03B19	103	3	4	2	3	4	5	3	3	3	G	G	G	G	G	G	G	G
G03U08	103	3	2	1	4	4	6	4	3	4	B	G	B	G	G	B	G	B
NEW G03X84	103	3	3	3	5	3	5	-	4	3	G	G	F	G	G	G	G	G
G04M93	104	2	3	2	4	3	4	4	3	3	G	G	G	G	G	G	G	G
NEW G04X79	104	2	3	3	5	2	4	-	4	3	B	G	G	G	G	G	G	G
G05U86	105	3	3	3	5	3	4	4	3	3	F	F	B	G	G	F	G	F
G06M39	106	3	3	2	4	3	3	2	3	5	G	G	G	G	G	G	G	G
G07F23	107	3	3	2	4	5	5	3	4	3	B	G	G	G	G	B	G	B
NEW G07X15	107	3	4	4	3	5	6	-	3	2	-	-	-	-	-	-	-	-

Artesian® water-optimized hybrid

Agronomic Characteristics
1 = Best
9 = Worst
- = Not Available

Plant Height
1 = Tall
9 = Short

Ear Height
1 = High
9 = Low

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

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

[1] 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 predispose plants to secondary diseases such as stalk and ear rots. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure. Ratings are based on interpretation of statistically analyzed results of studies conducted by Syngenta.

[2] Digestibility ratings are based on near-infrared and in vitro digestibility analysis. Milk performance estimates are generated from University of Wisconsin equations. Comparisons should be made only among hybrids within a maturity group. Although actual silage yield and quality analysis of a hybrid will vary with environment, the relative ranking of a hybrid will be similar. These ratings are a relative performance guide. Conduct a laboratory test to determine actual silage quality when balancing a feed ration. These ratings should not be used to estimate actual production per animal, but instead should be used to determine relative overall silage quality and yield of each hybrid.

[3] fyi.extension.wisc.edu/forage/files/2016/11/Milk-2016-Combining-Yield-and-Quality-into-a-Single-Term-2.pdf

Silage products for your operation's success.

Your Seed Advisor helps match silage products to your operation's specific needs, and offers product recommendations that fit your soil, meet feed quality standards and help increase herd productivity and performance. Your Seed Advisor can also provide guidance on:

- Soil testing to monitor fertility needs as a result of manure applications
- Time of planting
- Harvest timing to ensure optimal moisture and higher-quality silage
- Proper silage storage and testing services

BRAND	RM	CHARACTERISTICS						DISEASE TOLERANCE[1]			AGRONOMIC RESEARCH RATINGS[2]							
		Agronomic				Plant												
Golden Harvest® Hybrid Series	Relative Maturity	Emergence	Root Strength	Drought	Staygreen	Plant Height	Ear Height	Gray Leaf Spot	Goss's Wilt	Tar Spot	Yield (Tons/A)	NDFd 30 hr (% of NDF)	Starch (% of DM)	NEL (Mcal/lb)	Milk (lbs/Ton)	Milk (lbs/A)[3]	Beef (lbs/Ton)	Beef (lbs/A)
G08R52	108	3	2	2	4	5	5	5	4	4	G	G	G	F	F	G	G	G
G08U00	108	4	2	2	3	2	2	5	4	2	G	G	G	G	G	G	G	G
G09B15	109	3	5	2	5	4	4	2	5	5	G	G	B	G	G	G	G	G
G09M19	109	3	5	2	3	4	4	3	2	3	F	G	G	G	G	G	G	G
G09Y24	109	3	4	1	5	5	3	5	4	4	G	G	G	G	G	G	G	G
G10L16	110	3	5	1	5	5	6	4	3	4	G	F	B	G	G	G	G	G
G10M87	110	3	2	5	4	4	4	3	4	3	G	G	F	G	F	G	F	G
G10U97	110	3	4	1	4	4	6	3	2	4	B	G	B	G	B	B	B	B
G11V76	111	3	4	2	4	4	6	4	5	3	G	G	F	G	G	G	F	G
NEW G11X99	111	4	3	3	3	5	6	-	4	3	G	G	G	G	B	G	G	F
G12A22	112	3	3	3	4	4	3	3	4	4	B	G	G	G	G	G	G	G
G12S75	112	3	3	4	2	2	4	3	3	2	B	F	F	G	G	G	F	G
G12U11	112	3	4	1	3	2	2	4	2	5	B	F	G	G	G	G	G	G
G13H15	113	3	3	2	3	3	3	3	3	-	B	G	G	G	G	B	G	B
G13M31	113	4	2	3	4	4	4	4	4	3	G	B	B	G	B	B	B	B
G13U29	113	4	5	2	3	3	4	3	2	4	G	B	G	G	G	G	G	G
G13U96	113	3	4	1	4	4	4	3	2	4	G	B	B	G	G	G	G	G
NEW G13X38	113	4	4	-	5	1	2	-	3	3	G	G	G	G	G	G	G	G
G14B32	114	2	3	3	5	1	1	3	3	4	B	G	G	G	G	G	G	G
G14R38	114	3	2	3	4	3	2	5	4	4	G	G	B	B	B	B	B	B
NEW G14X81	114	4	4	5	3	6	5	-	4	3	-	-	-	-	-	-	-	-
G15J91	115	4	3	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
G15U34	115	4	3	3	4	4	4	4	3	4	G	G	G	G	G	G	G	G
G16K01	116	4	5	2	3	4	4	5	3	4	G	F	G	B	G	G	B	G
G16M15	116	4	2	2	4	4	6	4	3	2	F	G	B	G	G	G	G	G
G16Q82	116	3	2	1	4	3	4	3	3	3	G	G	B	G	G	G	G	G
G17M19	117	3	3	3	4	3	5	4	4	3	G	B	F	B	G	G	G	G
NEW G17X12	117	4	2	4	4	3	4	-	4	2	B	B	G	G	B	B	B	B

Yield: Calculated on a per-acre basis and adjusted to standard moisture.

Neutral Detergent Fiber Digestibility 30 Hour (NDFd 30 hr): Estimates the ruminant digestibility of the neutral detergent fiber (NDF) fraction.

Starch: Indicates the percentage of feed component that is starch.

Net Energy for Lactation (NEL): Feed effect on net energy for lactating cows based on acid detergent fiber (ADF).

Milk/Ton: An estimate of forage quality driven by starch content, starch digestibility and NDF.

Milk/A: Combines the estimate of forage quality (Milk/Ton) and yield (Tons/A) into a single term.[3]

Beef/Ton: A proprietary estimate of forage quality driven by total digestible nutrients.

Beef/A: Combines the estimate of forage quality (Beef/Ton) and yield (Tons/A) into a single term.

UNLOCK MORE
FROM EVERY KERNEL

ENOGEN CORN HYBRIDS

[1] Enogen is subject to specific yet simple stewardship requirements.

[2] Replicated field plots across five locations; MI State University (2 locations), University of MN – Waseca, Pennsylvania State University, 2019 and JG Ag Services, L.L.C, 2017.

[3] Syngenta Contract Research 2019; Estimated from linear regressions for each hybrid type, R^2 > 84%, Enogen n=104, Other n=64.

[4] University of Nebraska-Lincoln Research Studies, 2013-2017; Kansas State University Research Studies, 2017-2018, Pennsylvania State University, 2019.

[5] These calculations are for informational purposes only and are not guaranteed; potential financial benefits may vary across farm operations based on variables including prices for cattle or milk and farm input costs.

[6] Based on primary experimental data (Jolly-Breithaupt et al. 2019. Transl. Anim. Sci. 3:504-512, https://doi.org/10.1093/tas/txy121, Exp 2) and Syngenta financial model, $4.63 per bushel corn price.

[7] Economic modeling results based on Pennsylvania State University study results (Cueva et al., 2021. J. Dairy Sci. 104: 9827-9841, https://doi.org/10.3168/jds.2021-20251); University of Wisconsin model https://ipcm.wisc.edu/blog/2019/04/brown-midrib-and-leafy-corn-silage-performance-a-new-bmr-economics-calculator/ adapted by R.D. Shaver and J. P. Goeser; and Federal Milk Marketing Order (FMMO) published component values, average of monthly values for January to December 2025 https://mymarketnews.ams.usda.gov/filerepo/sites/default/files/2991/2026-04-01/1314816/ams_2991_00074.pdf.

EXCEPTIONAL QUALITY, YIELD & STARCH DIGESTIBILITY

Fed as grain or silage, the alpha-amylase enzyme trait in Enogen® corn drives the conversion of starch into usable sugars, unlocking more energy for your herd.

INCREASED EFFICIENCY FOR FIELDS, FEEDLOTS AND DAIRIES

Benefits in Silage Production or Storage

- Elite, high-yielding genetics that require no additional management, unlike some specialty silage hybrids.[1]
- No difference in yield potential between Enogen® corn and traditional silage according to field trials.[2]
- Standout quality silage delivering unmatched starch digestibility and consistent energy conversion.[3]

Benefits in Livestock Production

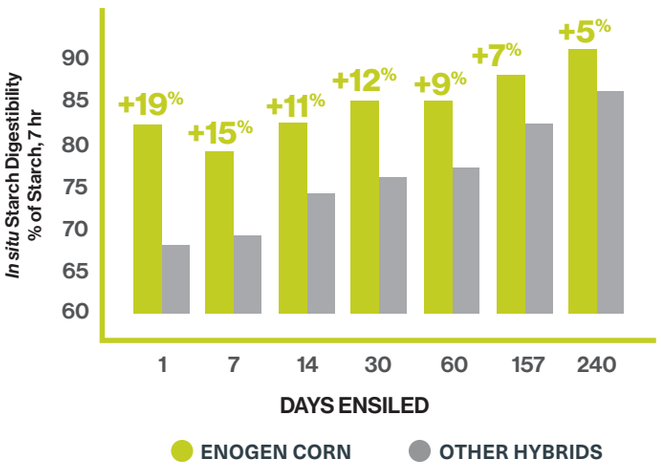
- No adverse effects on ruminal digestion or pH, and no increase in incidence of acidosis or bloat.[4]
- Simple incorporation into rations — replace your current silage with Enogen silage to help increase feed efficiency.
- Helps to optimize dry matter intake (DMI) with production, lowering feed costs and helping increase the efficiency of your operation.

FEEDS FAST AND LASTS LONG

High energy meets easy digestibility with Enogen grain and silage. The alpha-amylase enzyme trait leads to increased post-ruminal and total tract digestion[4] for high-quality performance feed.

- Enogen silage delivers more available energy to your dairy cows from day one.[3]
- It would take around **157 days** in the silo for a non-Enogen hybrid to match the starch digestibility Enogen hybrids display on day one after harvest.

Even after eight months in the silo, the starch digestibility in Enogen silage was around 5% greater than other silage.[3]



Source: Syngenta Contract Research 2019 Mini Silo Project: time series with non-Enogen hybrids (8 locations), Enogen hybrids (10 locations). All samples fermented about 60 days in vacuum-sealed mini-silos. Analysis by Rock River Laboratories, Inc.

SEE A RETURN ON INVESTMENT WHEN FEEDING ENOGEN CORN

- A U.S. beef finishing feedlot could potentially gain a 10-12 day reduction in time to reach final target weight with a feed cost savings of approximately **$23 per head**.[5,6]
- A U.S. dairy farm operation could potentially gain financial savings of **$100 to $174 per milking cow.**[5,7]

Unlock More with Enogen Corn Hybrids

ENOGEN CORN HYBRIDS

ENOGEN CORN HYBRID KEY

E indicates Enogen® corn.

Represents the **relative maturity.**

Uniquely identifies each hybrid series.

Trait options available in this hybrid series.

Indicates **new hybrid series for 2027.**

Relative maturity of hybrid series.

E104D5

E104D5-DV Brand

NEW // RM: 104

Healthy Robust Dual-Purpose Product with Outstanding Yield Potential

- Distinguishing early-season attributes with excellent agronomics
- Consistent performance East to West with strong silage quality
- Manage Western movement due to green snap susceptibility

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

DuracadeViptera

Insect protection, herbicide tolerance and other **trait offerings.**

Primary areas of adaptation for this hybrid series. Areas are suggested; performance may vary.

E092W5

E092W5-D Brand

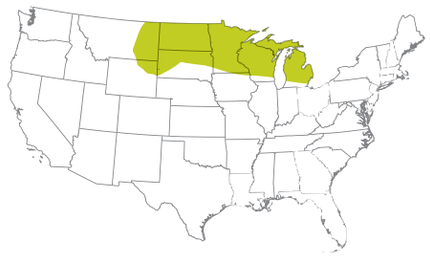
RM: 92

Top-End Yield Potential with Broad Adaptation

- Exceptional early-season disease package
- Strong emergence and seedling vigor for a fast start
- Broad adaptation across all soils and yield environments

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

Duracade® Artesian™



E097K6

E097K6-D Brand

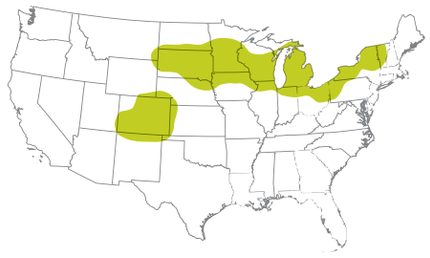
RM: 97

Broadly Adapted Dual-Purpose Hybrid with Excellent Grain Yield and Corn Silage Potential

- Dependable emergence allows for early planting
- Shorter plant height with good silage tonnage and quality potential
- Likely to respond to a foliar fungicide application

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

Duracade®



E104D5

E104D5-DV Brand

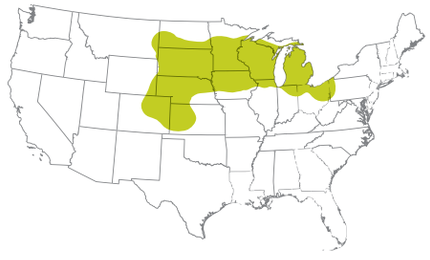
***NEW* // RM: 104**

Healthy Robust Dual-Purpose Product with Outstanding Yield Potential

- Distinguishing early-season attributes with excellent agronomics
- Consistent performance East to West with strong silage quality
- Manage Western movement due to green snap susceptibility

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

DuracadeViptera™



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
- Outstanding tonnage at moderate planting populations

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

Duracade®

E111V7

E111V7-D Brand

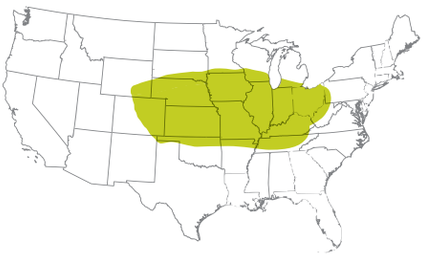
RM: 111

Versatility Across Soil Types Combined with Strong Drought Tolerance

- Attractive plant height and ear placement
- Solid test weight and grain quality
- Dependable emergence in stress environments

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

Duracade



E112S5

E112S5-D Brand

RM: 112

Strong Agronomics with Good Grain Quality

- Tall and leafy hybrid for dual-purpose silage potential
- Good choice for higher managed acres in the Central to Eastern Cornbelt
- Very good staygreen and late-season intactness

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

Duracade

E116D8

E116D8-DV Brand

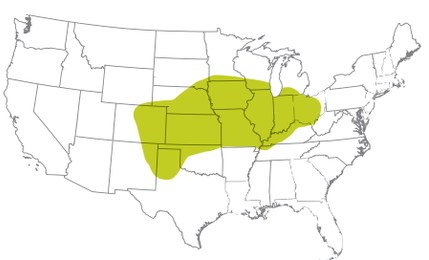
***NEW* // RM: 116**

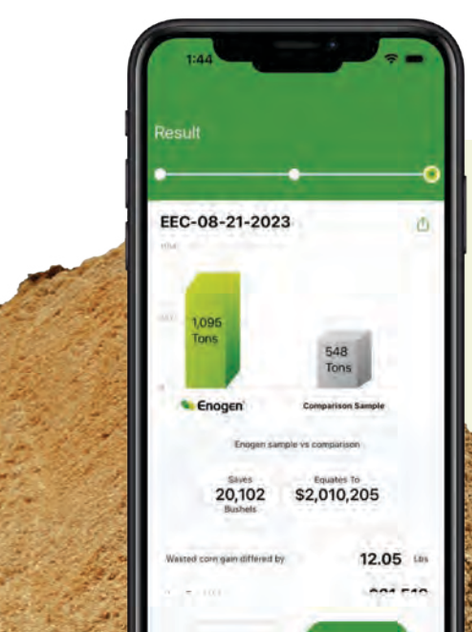
Broadly Adapted Dual-Purpose Hybrid with Outstanding Agronomics

- Great drought tolerance with performance across varying soil types
- Excellent root and stalk strength for season-long standability
- A girthy semi-flex ear with good drydown

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

DuracadeViptera





ENOGEN ADVANTAGE APP

Make smarter feeding decisions for your operation. The Enogen Advantage app analyzes data from both Enogen® and non-Enogen feedstock samples using university-backed models, helping you calculate the most effective feed rations and see your results and return on investment.

Download the App

ENOGEN CORN CHARACTERISTICS

BRAND	TRAIT OFFERINGS[1]	MATURITY INFORMATION			AGRONOMIC CHARACTERISTICS									PLANT CHARACTERISTICS						DISEASE TOLERANCE[2]									
Enogen® Hybrid Series	Above- and Below-Ground Insect Protection with E-Z Refuge® DuracadeViptera / Duracade	Relative Maturity	GDUs to Silk	GDUs to Black Layer	Emergence	Seedling Vigor	Root Strength	Stalk Strength	Drought	Green Snap	Staygreen	Drydown	Test Weight	Plant Height	Ear Height	Root Type	Leaf Type	Ear Flex[3]	Cob Color	Gray Leaf Spot	Northern Corn Leaf Blight	Goss's Wilt	Bacterial Leaf Streak	Southern Corn Leaf Blight	Anthracnose Stalk Rot	Tar Spot	Fusarium Crown Rot	Common Rust	Southern Rust
E080Q1	D	80	1150	1810	3	3	3	3	1	3	1	4	2	5	4	M	U	SF	R	3	5	4	3	-	6	2	7	-	-
E085Z5	D	85	1220	2140	3	3	3	4	3	5	4	2	4	3	4	M	S-U	SD	R	4	4	4	3	-	3	4	5	-	-
E092W5	D	92	1240	2300	2	3	5	4	1	3	4	3	3	4	4	M	U	SF	R	-	3	4	-	-	4	3	5	-	-
E094Z4	D	94	1260	2390	2	2	2	3	4	4	4	3	4	3	4	M	S-U	SF	R	4	4	4	2	-	4	6	5	-	-
E095D3	D	95	1280	2400	3	3	3	2	2	5	2	3	2	3	4	F	S-U	F	R	4	4	3	4	-	3	4	3	4	-
E097K6	D	97	1290	2420	3	3	3	4	3	3	4	2	4	5	5	M	U	SD	Pi	5	5	4	4	-	5	4	6	-	-
E100A3	D	100	1370	2495	3	2	3	3	2	4	2	3	4	4	4	P	S-U	SF	R	3	3	4	3	-	3	4	4	-	-
E102K7	D	102	1345	2525	3	2	2	2	2	3	4	2	3	5	6	M	U	SF	Pi	4	4	4	3	-	4	4	5	-	-
NEW E104D5	DV	104	1400	2575	2	2	2	3	5	4	3	3	4	3	5	M	P	SF	R	-	4	3	4	-	4	4	4	-	6
E105Z5	D	105	1455	2660	3	3	5	4	3	2	3	3	5	2	4	M	S-U	SF	Pi	3	5	3	3	-	2	5	4	-	-
E107C1	D	107	1500	2600	3	4	2	3	3	5	3	4	3	1	4	M	S-U	SF	Pi	3	4	5	5	3	5	3	5	-	4
E108K4	DV	108	1430	2640	3	3	3	2	3	2	4	4	5	4	5	M	S-U	SF	R	3	3	4	4	-	4	5	4	-	5
NEW E111D9	DV	111	1465	2680	4	3	4	3	3	3	5	3	3	5	5	M	S-U	SF	R	-	4	3	3	-	3	5	3	-	4
E111V7	D	111	1530	2700	3	3	4	4	2	3	4	3	3	4	6	F	U	SF	Pi	4	3	5	4	6	3	3	4	7	4
E112S5	D	112	1530	2730	3	2	3	2	4	5	2	4	3	2	4	M	U	SF	R	3	3	3	4	6	3	2	3	7	3
E113Z5	D	113	1535	2750	2	2	2	4	3	3	3	2	4	4	4	M	S-U	SD	R	4	3	3	3	4	-	5	4	7	5
NEW E116D8	DV	116	1555	2765	3	3	2	2	2	3	5	3	4	4	4	M	S-U	SF	R	-	5	5	3	-	5	4	4	-	3
E117Z7	D	117	1565	2800	3	2	4	4	3	2	3	4	5	2	3	M	S-U	SF	DR	3	4	3	3	-	3	-	3	-	-

Artesian® water-optimized hybrid

Trait Offerings
Above- and Below-Ground Insect Protection with E-Z Refuge
DV = DuracadeViptera™
D = Duracade®

Agronomic Characteristics
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

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

[1] **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.**

[2] 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 predispose plants to secondary diseases such as stalk and ear rots. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure. Ratings are based on interpretation of statistically analyzed results of studies conducted by Syngenta.

[3] Flex hybrids adjust to growing conditions by changing ear length or kernel depth. Determinate 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.

LIBERTY LINK® HERCULEX® I HX™

ENOGEN CORN AGRONOMIC MANAGEMENT

BRAND	RM	AGRONOMIC MANAGEMENT AND PLACEMENT TRAITS														END-USE TRAITS			
		Seeding Rate (x1000k)					Characteristics		Adaptation to Soil Types or Yield Environments										
Enogen® Hybrid Series	Relative Maturity	150 Bu	190 Bu	220 Bu	260 Bu	300 Bu	Root Strength	Stalk Strength	Continuous Corn	High pH	Highly Productive	Coarse-Textured	Medium-Textured	Fine-Textured	Fungicide Response	Starch	Protein	Oil	Beef Feed-to-Gain
E080Q1	80	26.0	29.5	30.5	32.0	33.0	3	3	G	G	G	B	B	G	F	G	G	F	P
E085Z5	85	29.0	31.2	32.9	35.1	37.3	3	4	F	G	B	G	G	F	G	G	F	G	G
E092W5	92	24.0	29.0	30.5	32.5	34.0	5	4	F	F	B	B	B	G	G	G	P	G	G
E094Z4	94	26.0	28.0	29.5	32.0	34.0	2	3	G	G	B	G	B	G	-	-	-	-	-
E095D3	95	27.9	30.8	32.9	35.8	38.6	3	2	G	G	B	B	B	B	G	B	G	G	G
E097K6	97	29.2	31.7	33.6	36.1	38.6	3	4	G	G	B	G	G	F	G	-	-	-	-
E100A3	100	24.0	28.5	31.5	34.0	37.0	3	3	B	G	B	B	B	G	G	B	F	P	B
E102K7	102	29.1	31.5	33.4	35.8	38.3	2	2	B	B	B	B	G	G	F	F	G	B	G
NEW E104D5	104	28.4	30.9	32.6	34.9	37.2	2	3	-	G	G	G	G	G	G	-	-	-	-
E105Z5	105	26.0	28.0	30.0	33.0	34.0	5	4	G	F	F	G	G	F	-	-	-	-	-
E107C1	107	26.0	32.0	33.5	35.5	37.5	2	3	G	P	F	G	G	G	F	G	F	F	G
E108K4	108	-	-	-	-	-	3	2	G	G	G	F	G	B	-	-	-	-	-
NEW E111D9	111	28.0	30.9	33.0	36.0	38.0	4	3	-	G	G	B	G	G	G	-	-	-	-
E111V7	111	29.9	31.2	32.3	33.7	35.0	4	4	G	G	G	G	B	G	B	B	G	P	F
E112S5	112	24.0	27.0	30.0	33.0	35.5	3	2	B	F	B	P	B	B	F	G	F	F	G
E113Z5	113	27.5	31.0	33.0	35.0	37.0	2	4	G	G	B	F	B	B	F	B	F	P	B
NEW E116D8	116	28.4	31.0	32.6	34.9	37.2	2	2	-	B	G	G	G	G	-	-	-	-	-
E117Z7	117	26.0	28.0	30.0	33.0	34.0	4	4	G	G	G	F	G	G	-	-	-	-	-

Artesian® water-optimized hybrid

Characteristics
1 = Best
9 = Worst
- = Not Available

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

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

GET MORE OUT OF YOUR INVESTMENT

The Enogen Feed Forward™ opportunity offers program participants a **per head, per day incentive for feeding Enogen® corn in their rations** — unlocking feed potential while helping to support sustainable beef production.

Enogen® Feed Forward

Learn More

ENOGEN CORN SILAGE CHARACTERISTICS

BRAND	RM	CHARACTERISTICS						DISEASE TOLERANCE[1]			AGRONOMIC RESEARCH RATINGS[2]							
		Agronomic				Plant												
Enogen® Hybrid Series	Relative Maturity	Emergence	Root Strength	Drought	Staygreen	Plant Height	Ear Height	Gray Leaf Spot	Goss's Wilt	Tar Spot	Yield (Tons/A)	NDFd 30 hr (% of NDF)	Starch (% of DM)	NEL (Mcal/lb)	Milk (lbs/Ton)	Milk (lbs/A)[3]	Beef (lbs/Ton)	Beef (lbs/A)
E080Q1	80	3	3	1	1	5	4	3	4	2	F	G	G	G	G	G	G	G
E085Z5	85	3	3	3	4	3	4	4	4	4	F	G	G	G	G	G	G	G
E092W5	92	2	5	1	4	4	4	-	4	3	G	G	B	G	G	G	G	G
E094Z4	94	2	2	4	4	3	4	4	4	6	G	G	G	G	G	G	G	G
E095D3	95	3	3	2	2	3	4	4	3	4	G	B	B	G	G	G	G	G
E097K6	97	3	3	3	4	5	5	5	4	4	B	B	F	G	G	B	G	B
E100A3	100	3	3	2	2	4	4	3	4	4	G	G	G	G	G	G	G	G
E102K7	102	3	2	2	4	5	6	4	4	4	G	G	G	G	G	G	G	G
NEW E104D5	104	2	2	5	3	3	5	-	3	4	B	G	G	G	G	G	G	G
E105Z5	105	3	5	3	3	2	4	3	3	5	B	G	G	G	G	G	G	G
E107C1	107	3	2	3	3	1	4	3	5	3	B	G	G	G	G	G	G	G
E108K4	108	3	3	3	4	4	5	3	4	5	G	B	G	G	B	G	B	G
NEW E111D9	111	4	4	3	5	5	5	-	3	5	G	G	G	G	G	G	B	B
E111V7	111	3	4	2	4	4	6	4	5	3	G	G	F	G	G	G	F	G
E112S5	112	3	3	4	2	2	4	3	3	2	B	F	F	G	G	G	F	G
E113Z5	113	2	2	3	3	4	4	4	3	5	G	G	G	G	G	F	G	F
NEW E116D8	116	3	2	2	5	4	4	-	5	4	G	G	G	G	G	G	G	G
E117Z7	117	3	4	3	3	2	3	3	3	-	B	G	F	G	G	G	G	G

Artesian® water-optimized hybrid

Agronomic Characteristics
1 = Best
9 = Worst
- = Not Available

Plant Height
1 = Tall
9 = Short

Ear Height
1 = High
9 = Low

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

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

[1] 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 predispose plants to secondary diseases such as stalk and ear rots. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure. Ratings are based on interpretation of statistically analyzed results of studies conducted by Syngenta.

[2] Digestibility ratings are based on near-infrared and in vitro digestibility analysis. Milk performance estimates are generated from University of Wisconsin equations. Comparisons should be made only among hybrids within a maturity group. Although actual silage yield and quality analysis of a hybrid will vary with environment, the relative ranking of a hybrid will be similar. These ratings are a relative performance guide. Conduct a laboratory test to determine actual silage quality when balancing a feed ration. These ratings should not be used to estimate actual production per animal, but instead should be used to determine relative overall silage quality and yield of each hybrid.

[3] fyi.extension.wisc.edu/forage/files/2016/11/Milk-2016-Combining-Yield-and-Quality-into-a-Single-Term-2.pdf

SOYBEAN TRAIT TECHNOLOGY

Golden Harvest delivers soybean trait options that combine the latest trait packages with the newest genetics to combat herbicide-resistant weeds and help protect your profitability across every acre.

TRAIT CHOICES FOR EVERY ACRE

Whatever your acres demand, we offer high-performing solutions with proven genetics to help conquer agronomic challenges. Our trait lineup offers solutions for:

WEED SUPPRESSION

APPLICATION FLEXIBILITY

MULTIPLE HERBICIDE TOLERANCES

ADVANCED TRAIT TECHNOLOGY FOR YOUR ACRES

Get more flexibility on your acres with the choice of either Enlist E3® soybean or XtendFlex® soybean trait options:

Enlist E3 soybeans contain the most advanced trait technology, with tolerance to 2,4-D choline, glyphosate and glufosinate, offering excellent application and tank mix flexibility to manage resistant weeds.

XtendFlex soybeans feature triple-stacked herbicide tolerance to dicamba, glyphosate and glufosinate. Paired with strong yield potential, this increased application flexibility helps provide excellent management of tough-to-control weeds, pre- and post-emergence.

ELITE & RELIABLE

SOYBEAN VARIETIES

TRUSTED OPTIONS FOR EVERY OPERATION

Golden Harvest® soybean varieties are developed from one of the industry's largest germplasm pools. With diverse genetics and proven performance, our varieties deliver across different soil types, environmental conditions and management practices to maximize yield potential across every acre.

START STRONG WITH SYNGENTA SEED TREATMENTS

syngenta®

Victrato® NEW

TYMIRIUM® technology

A new standard of protection against SCN, SDS and RCR.

- Unmatched performance and potency against nematodes and disease.
- Provides a three-pronged attack against eggs, juveniles and adults from nematode species such as Soybean Cyst (SCN), Root Knot, Reniform, Lance and Lesion.
- Early-season suppression of foliar soybean diseases.
- First federally labeled seed treatment management tool for Red Crown Rot (RCR).

Saltro®

Superior SDS protection without the stress.

- Yield improvement of 3.1 Bu/A over ILEVO® seed treatment under SDS pressure.[1]
- Greater root protection.
- Robust activity against Soybean Cyst, Root Knot, Reniform, Lesion and Lance Nematodes.
- Superior protection from SDS, without signs of plant stress such as phytotoxicity, stunting, reduced plant stands, susceptibility to pests or weather and reduced plant growth above and below ground.

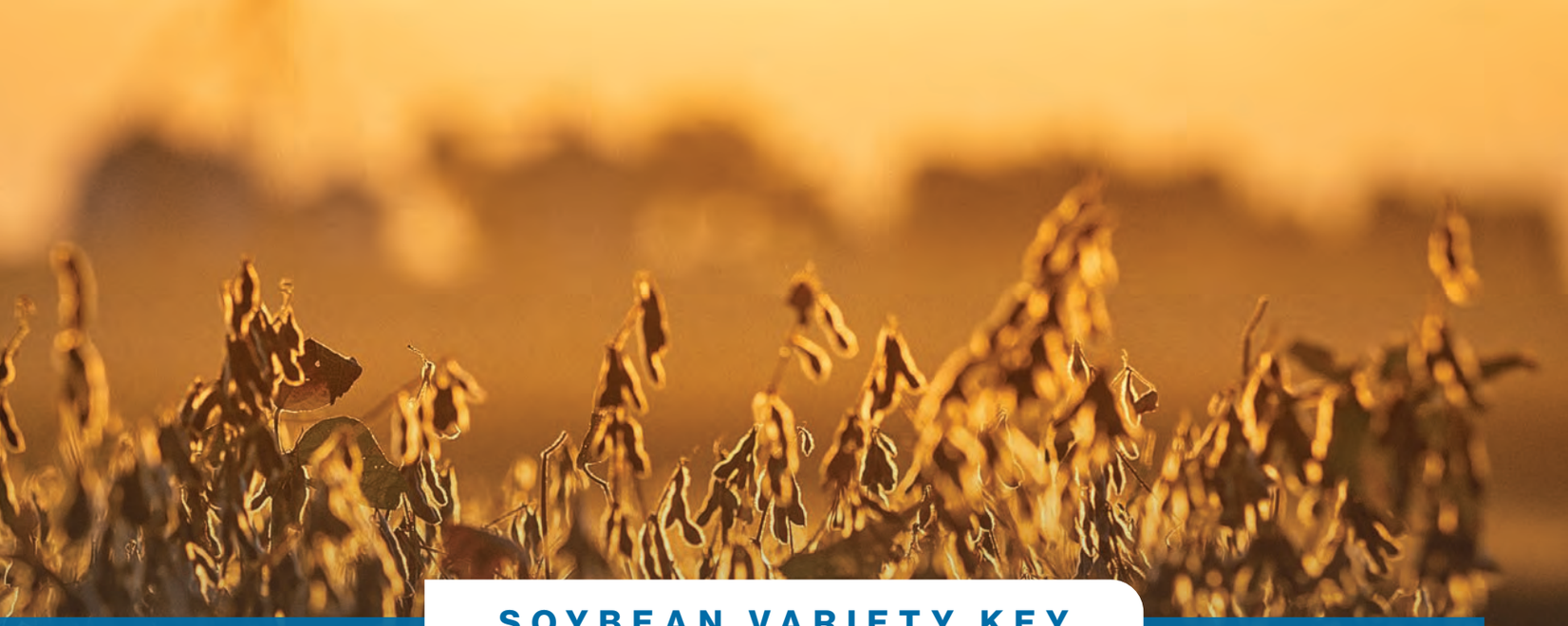
CruiserMaxx® APX

Supercharged protection against early-season diseases and insects from day one.

- Average yield improvement of 3.0 to 5.0 Bu/A compared with competitor seed treatments in instances of moderate- to high-*Pythium* pressure.[2]
- Features PCBX — the most powerful molecule to fight against *Pythium* and *Phytophthora*.
- Protects against *Fusarium*, *Rhizoctonia*, all major seedborne diseases and early-season insects.

[1] U.S. trials with SDS pressure; n=48; 2015-2023. Trial locations: AR, IL, IA, KS, KY, MI, MN, MO, TN and WI. Trials with significantly different disease incidence/severity rating between Check and SDS treatment.

[2] 2018 Syngenta internal and external trials (TNA054A3-2018US); n = 7: IL, IA, KY, MI, MN, NE and OH.



SOYBEAN VARIETY KEY

GH indicates Golden Harvest® soybean.

Indicates **maturity group** and **relative maturity** within the group, on a scale of 00-5 (00= early, 5 = late).

Uniquely identifies each variety.

Denotes **herbicide technology.**

Herbicide Technology

E3 = Enlist E3® soybeans

XF = XtendFlex® soybeans

S = Tolerant to sulfonylurea herbicides

Indicates **new variety for 2027.**

Relative maturity of variety.

GH2027E3S Brand

NEW // RM: 2.0

Peking and Performance in One Versatile Bean

- Dependable Phytophthora tolerance with great performance on poorly drained soils
- Outstanding performance from East to West with dependable drought tolerance
- Consistent yield across environments, with excellent top-end potential

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

Enlist E3 SOYBEANS

STS®

Herbicide tolerance traits, **agronomic characteristics** and **disease ratings.**

Primary areas of adaptation for this variety. Areas are suggested; performance may vary.

GH00973E3 Brand

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				*Rating Not Available*	
Soybean White Mold	●	●	●	●	
Iron Deficiency Chlorosis	●	●	●	●	●

GH0337E3 Brand

***NEW* // RM: 0.3**

Strong Agronomics and Outstanding IDC Tolerance

- Broadly adapted with strong performance on heavy textured soils
- Best performance in the Red River Valley and East
- Consistent yield across environments

Rating	9	7	5	3	BEST 1
Emergence	●	●	●	●	●
Standability	●	●	●	●	
Phytophthora Field Tolerance	●	●	●	●	●
Sudden Death Syndrome				*Rating Not Available*	
Soybean White Mold	●	●	●	●	
Iron Deficiency Chlorosis	●	●	●	●	●

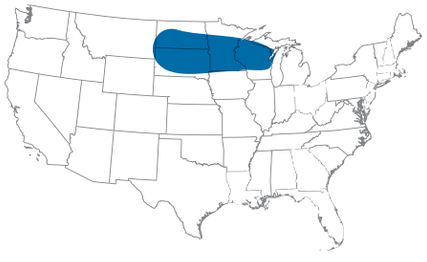
GH0734E3 Brand

RM: 0.7

Peking Soybean 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	BEST 1
Emergence	●	●	●	●	
Standability	●	●	●	●	●
Phytophthora Field Tolerance	●	●	●	●	●
Sudden Death Syndrome	●	●	●		
Soybean White Mold	●	●	●	●	
Iron Deficiency Chlorosis	●	●	●	●	



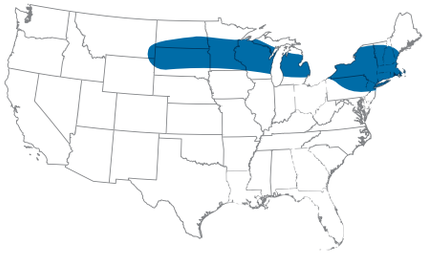
GH1194E3 Brand

RM: 1.1

Achieve Your Yield Goals with GH1194E3 Brand

- Excellent standability and solid 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	BEST 1
Emergence	●	●	●	●	●
Standability	●	●	●	●	●
Phytophthora Field Tolerance	●	●	●	●	●
Sudden Death Syndrome	●	●	●	●	
Soybean White Mold	●	●	●	●	
Iron Deficiency Chlorosis	●	●	●	●	



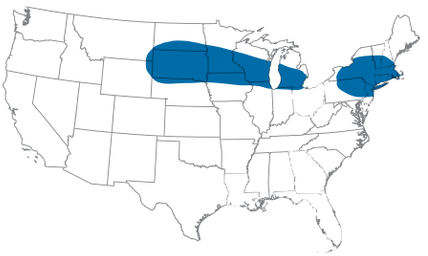
GH1495E3 Brand

RM: 1.4

Peking Source of SCN Resistance with Excellent IDC Tolerance

- Chloride Excluder gene with Rps1c/3a gene stack for Phytophthora tolerance
- Robust plant type that can handle coarse textured soils
- Excellent emergence allows early planting

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



GH1617E3S Brand

***NEW* // RM: 1.6**

Push Your Yield Goals with This Broadly Adapted Variety

- Broadly adapted across soil types, including drought prone and poorly drained
- Excels in high yield environments
- Good response to early planting

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

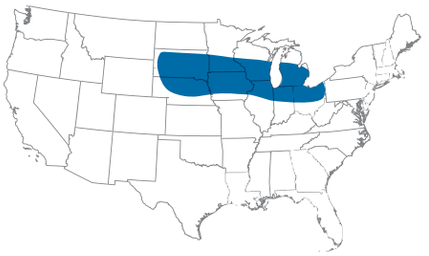
GH2027E3S Brand

***NEW* // RM: 2.0**

Peking and Performance in One Versatile Bean

- Dependable Phytophthora tolerance with great performance on poorly drained soils
- Outstanding performance from East to West with dependable drought tolerance
- Consistent yield across environments, with excellent top-end potential

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



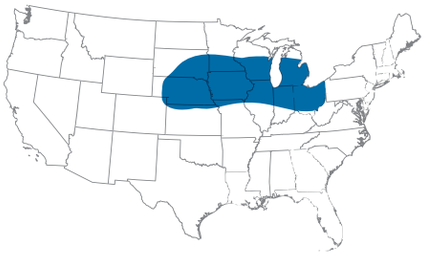
GH2292E3 Brand

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	●	●	●	●	○



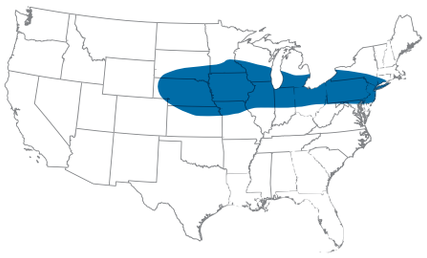
GH2315E3 Brand

RM: 2.3

Peking SCN Resistance Combined with Exciting Yield Potential

- Solid PRR field tolerance with an Rps1c/3a gene stack
- Great top-end yield potential on highly productive soils
- Great standability with nice plant height

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



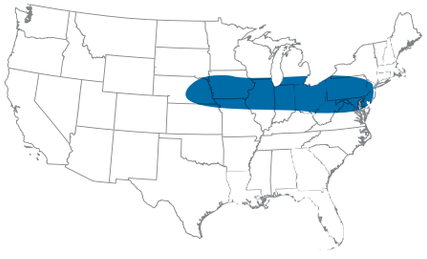
GH2674E3 Brand

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	●	●	●		



GH2856E3S Brand

RM: 2.8

Familiar Genetics with Reliable Yield Potential

- Consistent performance across productivity levels, avoid placement on coarse soils
- Solid performance under drought conditions
- Best performance in zone and South

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

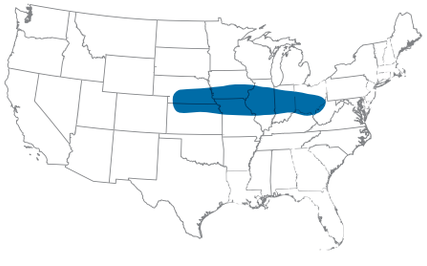
GH3537E3S Brand

***NEW* // RM: 3.5**

Strong Yield Potential Deserving of the Best Acres

- Excels on the highly productive acre
- Best performance in zone and North
- Excellent response to irrigation

Rating	9	7	5	3	1 (BEST)
Emergence	●	●	●	●	●
Standability	●	●	●	●	●
Phytophthora Field Tolerance	●	●	●	●	
Sudden Death Syndrome	●	●	●	●	
Soybean White Mold					*Rating Not Available*
Frogeye Leaf Spot					*Rating Not Available*



GH3836E3S Brand

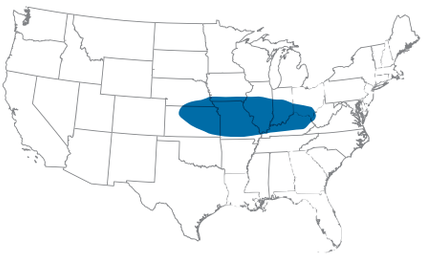
RM: 3.8

Impressive Performance with Charcoal Rot Tolerance for Added Versatility

- Great performance across all soil types, excelling on fine textured soils
- Medium-tall plant type with dependable standability
- Excellent choice for either dryland or irrigated environments

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

Enlist E3 SOYBEANS STS®



GH3997E3S Brand

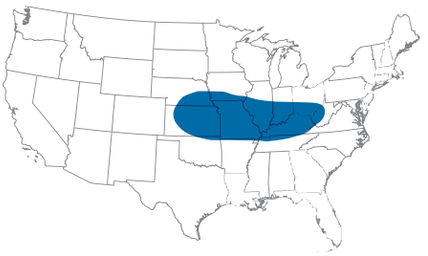
***NEW* // RM: 3.9**

Sizzling Top-End Yield Potential with Any-Acre Flexibility

- Outstanding performance across soil types; best on poorly drained soils
- Broadly adapted, thriving in highly productive environments
- Agronomics for the max yield acre with an excellent response to irrigation

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

Enlist E3 SOYBEANS STS®



GH4093E3 Brand

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	BEST 1
Emergence	●	●	●	●	●
Standability	●	●	●	●	●
Phytophthora Field Tolerance	●	●	●	●	
Sudden Death Syndrome	●	●	●	●	●
Southern Stem Canker	●	●	●	●	●
Frogeye Leaf Spot	●	●	●	●	

Enlist E3 SOYBEANS

GH4775E3S Brand

RM: 4.7

Highly Desired STS Excluder Combination with Broad Adaptability

- Performs best on medium to coarse textured soils
- Good choice for double crop acres
- Excellent tolerance to Southern Stem Canker and Frogeye Leaf Spot

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

Enlist E3 SOYBEANS STS®

GH00864XF Brand

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	*Rating Not Available*				
Soybean White Mold	●	●	●	●	●
Iron Deficiency Chlorosis	●	●	●	●	●

XTENDFLEX SOYBEANS

GH0502XF Brand

RM: 0.5

Excellent Yield Potential That Delivers Under Stress

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

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

XTENDFLEX SOYBEANS

GH0885XF Brand

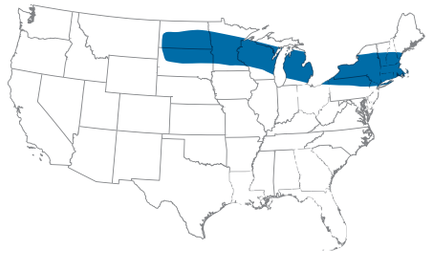
RM: 0.8

Known Top-Performing Genetics with a Proven Track Record

- Excellent performance across environments with top-end yield potential
- Strong Iron Deficiency Chlorosis and Soybean White Mold tolerance
- Very good Phytophthora field tolerance with excellent performance on poorly drained soils

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

XTENDFLEX SOYBEANS



GH1124XF Brand

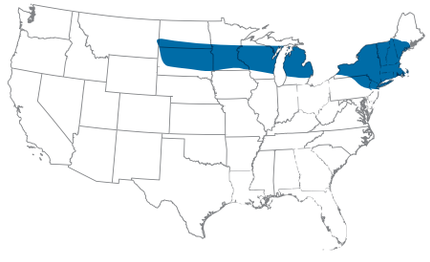
RM: 1.1

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	BEST 1
Emergence	●	●	●	●	●
Standability	●	●	●	●	
Phytophthora Field Tolerance	●	●	●	●	
Sudden Death Syndrome	●	●	●	●	●
Soybean White Mold	●	●	●	●	
Iron Deficiency Chlorosis	●	●	●	●	

XTENDFLEX SOYBEANS



GH1446XF Brand

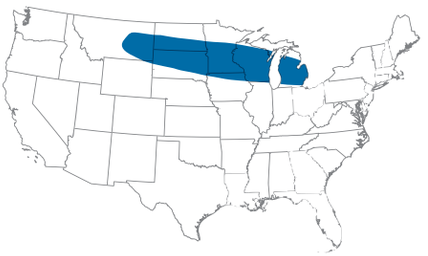
NEW // RM: 1.4

Step Change in Yield Performance with Exceptional Agronomics

- GH1762XF type with excellent performance and yield stability
- Great standability and harvest appearance
- Best performance in well drained soils

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

XTENDFLEX SOYBEANS



GH2004XF Brand

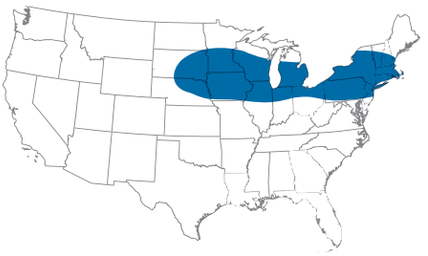
RM: 2.0

Trusted Genetics with Strong Performance and IDC Tolerance

- Broadly adapted with stable performance across 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	BEST 1
Emergence	●	●	●	○	○
Standability	●	●	●	○	○
Phytophthora Field Tolerance	●	●	●	○	○
Sudden Death Syndrome	●	●	●	●	○
Soybean White Mold	●	●	●	○	○
Iron Deficiency Chlorosis	●	●	●	○	○

XTENDFLEX SOYBEANS



GH2406XF Brand

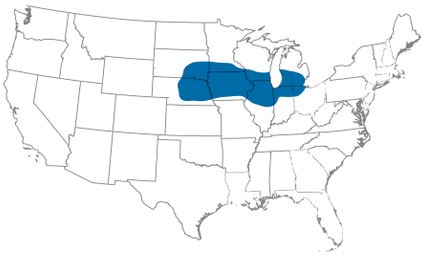
RM: 2.4

Racehorse Performance with Workhorse Versatility

- Excellent performance on poorly drained soils
- Consistent yield potential under drought stress, with White Mold tolerance for high yield environments
- Great performance across yield levels with good Northern movement

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

XTENDFLEX SOYBEANS



GH2626XF Brand

RM: 2.6

Top-End Yield Potential with Great Versatility

- Strong performance across soil types and drainage classes
- Great drought tolerance coupled with a solid response to irrigation
- Excellent performance in zone with great Northern movement

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

XTENDFLEX SOYBEANS

GH3087XF Brand

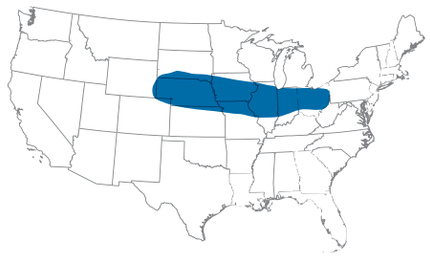
NEW // RM: 3.0

Unleashes First-Class Yield Potential with Dependable High pH Tolerance

- Solid IDC tolerance for the high pH acre; best on heavy soils
- Performs broadly, thriving in highly productive environments
- Agronomics for the max yield acre with an excellent response to irrigation

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

XTENDFLEX SOYBEANS



GH3727XF Brand

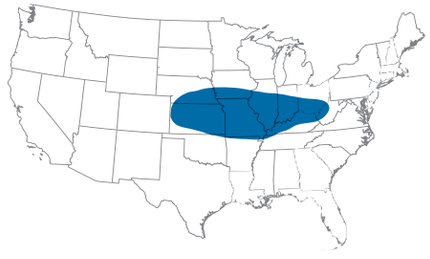
NEW // RM: 3.7

Performance and Reliability for Early Planting

- Performs well across soil types; best on heavy, poorly drained soils
- Excellent tolerance to Southern Stem Canker and SDS
- Wide planting window; manage standability on highly productive acres

Rating	9	7	5	3	BEST 1
Emergence	●	●	●	●	○
Standability	●	●	●	○	○
Phytophthora Field Tolerance	●	●	●	●	○
Sudden Death Syndrome	●	●	●	●	○
Soybean White Mold	○	○	○	*Rating Not Available*	
Frogeye Leaf Spot	○	○	○	*Rating Not Available*	

XTENDFLEX SOYBEANS



GH4222XF Brand

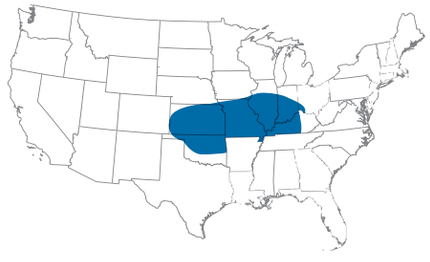
RM: 4.2

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	BEST 1
Emergence	●	●	●	●	○
Standability	●	●	●	●	●
Phytophthora Field Tolerance	●	●	●	●	○
Sudden Death Syndrome	●	●	●	●	●
Southern Stem Canker	●	●	●	●	●
Frogeye Leaf Spot	●	●	●	●	○

XTENDFLEX SOYBEANS



GH4907XFS Brand

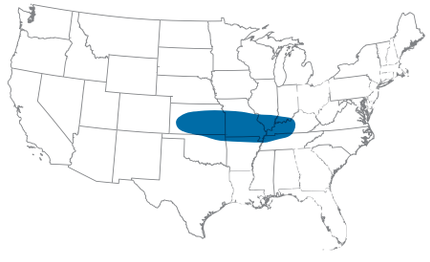
NEW // RM: 4.9

A Delta Darling That Is Tough Enough for the West

- Dependable performance across soils, aids in easy placement
- Drought tolerance and plant height make this a great choice for tough and double crop acres
- Irrigation and early planting allow this variety to show its best yield potential

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

XTENDFLEX SOYBEANS STS®



SOYBEAN CHARACTERISTICS

RM 0.09–2.6

BRAND	TRAITS & MATURITY		AGRONOMIC/PLANT CHARACTERISTICS													Adaptation to Soil Types or Yield Environments					Herbicide Responses	
Golden Harvest® Soybean Brand	Herbicide-Tolerant Trait	Relative Maturity	Emergence	Canopy/Plant Type	Plant Height	Growth Habit	Standability	Narrow Row	Wide Row	Flower Color	Pubescence Color	Pod Color	Hilum Color	Chloride Sensitivity	Green Stem	Drought Prone	High pH	Highly Productive	Variable	Poorly Drained	Sulfentrazone	Metribuzin
GH00973E3	E3	0.09	2	M	MS	IND	2	B	G	PUR	GR	TN	YEL	INC	1	B	G	B	B	B	G	F
NEW GH0137E3	E3	0.1	3	M	MS	IND	3	B	B	PUR	GR	TN	BF	INC	1	F	P	G	F	G	-	R
NEW GH0297E3	E3	0.2	2	M	M	IND	2	B	B	PUR	GR	TN	BF	INC	2	B	F	B	B	G	-	R
NEW GH0337E3	E3	0.3	2	M	M	IND	3	B	B	PUR	GR	TN	BF	INC	1	G	B	G	G	B	-	R
NEW GH0557E3	E3	0.5	2	M	M	IND	4	B	B	PUR	GR	BR	GR	EXC	3	F	F	B	F	G	-	R
GH0675E3	E3	0.6	3	M	MT	IND	3	B	B	PUR	GR	TN	IMB	EXC	1	B	G	G	B	G	G	G
GH0734E3	E3	0.7	3	M	MS	IND	2	B	G	PUR	GR	TN	BF	INC	2	B	G	G	B	B	G	G
GH0815E3	E3	0.8	2	M	M	IND	2	B	G	PUR	GR	TN	IMB	EXC	3	G	B	G	B	G	B	B
GH0936E3	E3	0.9	3	MB	M	IND	3	G	B	PUR	GR	TN	BF	INC	3	B	F	G	B	B	B	R
GH1194E3	E3	1.1	2	M	MS	IND	2	B	G	WH	GR	TN	BF	INC	4	G	F	B	B	B	B	B
GH1495E3	E3	1.4	2	MT	MT	IND	4	B	G	PUR	GR	TN	BF	EXC	2	G	B	G	G	G	G	B
GH1534E3S	E3/STS	1.5	3	M	MS	IND	2	B	G	PUR	GR	BR	IMB	INC	3	B	P	B	G	B	B	B
GH1614E3	E3	1.6	1	MB	M	IND	3	G	B	PUR	GR	TN	IMB	INC	2	B	G	G	B	F	B	G
NEW GH1617E3S	E3/STS	1.6	3	MB	M	IND	2	B	B	PUR	GR	BR	BF	INC	2	B	F	B	G	B	-	R
GH1776E3	E3	1.7	4	M	M	IND	2	B	B	PUR	GR	TN	BF	INC	2	B	P	G	G	G	G	R
GH1973E3S	E3/STS	1.9	3	M	M	IND	3	G	B	PUR	GR	BR	IMB	INC	2	G	F	B	B	B	B	B
NEW GH2027E3S	E3/STS	2.0	2	M	M	IND	4	-	-	PUR	GR	BR	IMB	INC	3	B	F	B	B	B	-	-
GH2292E3	E3	2.2	3	M	M	IND	2	B	B	PUR	GR	BR	IMB	INC	3	G	G	B	B	B	B	B
GH2315E3	E3	2.3	3	M	MT	IND	2	B	B	PUR	GR	TN	BF	INC	2	B	F	B	B	G	G	B
NEW GH2557E3	E3	2.5	2	M	M	IND	4	-	-	PUR	GR	BR	IMB	INC	4	B	G	G	G	G	-	-
GH2674E3	E3	2.6	3	M	M	IND	2	B	B	WH	GR	TN	BF	INC	2	B	F	G	B	B	B	F

Disease / Pest Ratings
1 = Best
9 = Worst
- = Not Available
R = Resistant (1-4)

Herbicide-Tolerant Traits
E3 = Enlist E3® Soybean
E3/STS = Enlist E3® Soybean and STS®

Canopy/Plant Type
B = Bush
MB = Medium-Bush
M = Medium
MT = Medium-Thin
T = Thin

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

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

Growth Habit
DET = Determinate
IND = Indeterminate

Chloride Sensitivity
EXC = Excluder
INC = Includer
- = Not Available

Protein and Oil
Ratings are based on two-year averages, except in cases where only one year of data is available.

Adaptation and Responses
B = Best
G = Good
F = Fair
P = Poor
- = Not Available
R = Resistant (Best or Good)

Enlist E3® SOYBEANS

GRAIN QUALITY		DISEASE/PEST RESISTANCE													BRAND
		Phytophthora Root Rot		Soybean Cyst Nematode											
% Protein @ 13% mst.	% Oil @ 13% mst.	Gene Resistance	Field Tolerance	Gene Source	Race Resistance	Southern Stem Canker	Root Knot Nematode Incognita	Iron Deficiency Chlorosis	Brown Stem Rot	Charcoal Rot	Soybean White Mold	Pod & Stem Blight	Sudden Death Syndrome	Frogeye Leaf Spot	Golden Harvest® Soybean Brand
36.3	18.5	Rps1c, Rps3a	1	PI88788	MR3, MR14	1	-	3	4	-	5	-	-	-	GH00973E3
-	-	Rps1c, Rps3a	3	Peking	MR1, MR3, MR5	R	-	5	-	4	3	-	-	-	GH0137E3 NEW
-	-	Rps1c	3	PI88788	MR3, MR14	R	-	4	5	4	3	-	-	-	GH0297E3 NEW
-	-	Rps1c, Rps3a	2	PI88788	MR3, MR14	R	-	2	3	4	4	-	-	-	GH0337E3 NEW
-	-	Rps1c	3	PI88788	MR3, MR14	R	-	4	4	-	3	-	4	-	GH0557E3 NEW
34.6	19.8	Rps1c, Rps3a	1	PI88788	MR3	R	-	3	5	-	3	-	2	-	GH0675E3
34.1	19.4	Rps1k, Rps3a	1	Peking	MR1, R3	1	-	3	3	-	4	5	5	-	GH0734E3
36.1	18.3	Rps1k	4	PI88788	R3	R	-	2	3	-	4	-	3	-	GH0815E3
35.6	20.9	Rps1k, Rps3a	2	PI88788	MR3, MR14	R	-	4	2	2	3	-	4	-	GH0936E3
33.7	20.3	Rps1k, Rps3a	2	PI88788	MR3, MR14	1	-	4	3	-	3	-	4	2	GH1194E3
35.1	19.1	Rps1c, Rps3a	2	Peking	MR1, MR3, MR5	R	-	2	3	-	4	-	4	-	GH1495E3
34.5	20.0	Rps1k	3	Peking	MR1, R3	1	-	5	3	-	3	5	2	4	GH1534E3S
35.0	19.2	Rps1c, Rps3a	2	Peking	R1, MR3, MR5	1	-	3	3	-	4	4	3	4	GH1614E3
-	-	Rps1k	3	PI88788	MR3	R	-	4	4	-	4	-	3	-	GH1617E3S NEW
36.6	20.2	Rps1c	3	PI88788	MR3, MR14	R	-	5	2	4	2	-	3	-	GH1776E3
34.5	19.8	Rps1k	3	Peking	MR1, MR3, MR5	1	-	4	3	5	4	5	4	4	GH1973E3S
-	-	Rps1c	3	Peking	MR1, MR3, MR5	-	-	4	3	4	3	-	3	-	GH2027E3S NEW
34.5	19.6	Rps1c	2	PI88788	MR3	1	-	3	3	3	3	2	2	4	GH2292E3
33.2	19.9	Rps1c, Rps3a	2	Peking	R1, MR3, MR5	R	-	4	3	4	4	-	3	5	GH2315E3
-	-	Rps1c	4	PI88788	MR3	-	-	3	3	4	4	-	4	-	GH2557E3 NEW
33.4	20.3	Rps1c	3	PI88788	MR3	R	-	4	5	4	3	-	3	4	GH2674E3

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.

Phytophthora Root Rot Gene Resistance
The following genes confer resistance to the listed races of *Phytophthora*:

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
NA = Not Applicable (no gene-specific resistance)

Phytophthora Root Rot 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.

Soybean Cyst Nematode
The PI88788 and Peking genes confer varying resistances to certain races of SCN. Refer to the "Race Resistances" column for phenotypic (expressed) resistance ratings. "NA" (Not Applicable) indicates no SCN gene or resistance.

SCN Race Resistance
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)

Disease/Pest Resistance
1 = Best
9 = Worst
- = Not Available
R = Resistant (1-4)

SOYBEAN CHARACTERISTICS

RM 2.7–5.2

BRAND	TRAITS & MATURITY		AGRONOMIC/PLANT CHARACTERISTICS													Adaptation to Soil Types or Yield Environments					Herbicide Responses	
Golden Harvest® Soybean Brand	Herbicide-Tolerant Trait	Relative Maturity	Emergence	Canopy/Plant Type	Plant Height	Growth Habit	Standability	Narrow Row	Wide Row	Flower Color	Pubescence Color	Pod Color	Hilum Color	Chloride Sensitivity	Green Stem	Drought Prone	High pH	Highly Productive	Variable	Poorly Drained	Sulfentrazone	Metribuzin
NEW GH2777E3S	E3/STS	2.7	2	M	M	IND	4	-	-	PUR	GR	BR	IMB	INC	2	F	P	B	G	G	-	-
GH2856E3S	E3/STS	2.8	2	M	M	IND	3	B	B	WH	GR	BR	BF	INC	3	B	F	B	B	B	-	R
NEW GH2997E3S	E3/STS	2.9	2	M	M	IND	2	B	B	PUR	GR	BR	IMB	INC	2	F	F	B	B	G	-	R
GH3035E3	E3	3.0	2	MB	MT	IND	3	F	B	WH	GR	TN	BF	INC	2	G	F	G	G	B	B	G
NEW GH3057E3S	E3/STS	3.0	2	M	M	IND	2	B	B	PUR	GR	BR	BF	EXC	3	F	G	B	G	G	-	R
GH3355E3S	E3/STS	3.3	2	MB	M	IND	3	G	B	WH	GR	TN	BF	INC	2	B	F	B	B	B	G	-
GH3373E3S	E3/STS	3.3	2	MB	M	IND	2	B	B	PUR	GR	TN	IMB	INC	1	G	P	B	G	B	B	G
GH3416E3S	E3/STS	3.4	3	M	M	IND	2	B	B	WH	GR	TN	BF	INC	2	B	P	G	B	G	B	R
NEW GH3537E3S	E3/STS	3.5	3	MT	MS	IND	2	B	F	WH	LTW	BR	BL	INC	2	F	P	B	G	B	-	-
GH3693E3S	E3/STS	3.6	2	M	M	IND	3	B	B	PUR	LTW	BR	BL	-	3	G	P	G	B	G	B	B
GH3774E3	E3	3.7	2	M	MT	IND	3	B	B	WH	GR	BR	BF	INC	4	G	G	B	B	B	B	F
GH3836E3S	E3/STS	3.8	3	MB	MT	IND	3	B	B	WH	GR	BR	BF	EXC	3	B	P	B	B	B	G	B
NEW GH3997E3S	E3/STS	3.9	2	M	M	IND	3	B	B	PUR	GR	TN	IMB	EXC	3	G	P	B	G	B	-	R
GH4093E3	E3	4.0	2	MT	M	IND	2	B	B	PUR	GR	TN	BF	EXC	2	B	G	B	B	B	B	B
GH4214E3S	E3/STS	4.2	1	MB	MT	IND	3	G	B	WH	GR	BR	BF	EXC	2	B	F	B	B	B	B	G
NEW GH4337E3S	E3/STS	4.3	2	M	M	IND	3	B	G	WH	GR	TN	BF	EXC	2	G	F	B	G	F	-	R
NEW GH4417E3S	E3/STS	4.4	2	MB	MS	IND	2	B	G	WH	GR	BR	BF	EXC	3	B	F	B	G	F	-	R
GH4775E3S	E3/STS	4.7	3	MB	T	IND	4	F	B	WH	GR	TN	BF	EXC	2	G	P	B	G	G	B	B
NEW GH4977E3S	E3/STS	4.9	3	MB	MT	IND	4	F	B	WH	GR	TN	BF	EXC	-	G	F	G	B	F	-	R
GH5056E3S	E3/STS	5.0	2	MB	MT	IND	4	B	B	PUR	GR	BR	IMB	EXC	1	B	P	G	B	G	F	B
GH5253E3	E3	5.2	2	MB	MT	IND	4	F	B	WH	GR	BR	BF	EXC	4	B	F	G	B	B	B	G

Disease / Pest Ratings
1 = Best
9 = Worst
- = Not Available
R = Resistant (1-4)

Herbicide-Tolerant Traits
E3 = Enlist E3® Soybean
E3/STS = Enlist E3® Soybean and STS®

Canopy/Plant Type
B = Bush
MB = Medium-Bush
M = Medium
MT = Medium-Thin
T = Thin

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

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

Growth Habit
DET = Determinate
IND = Indeterminate

Chloride Sensitivity
EXC = Excluder
INC = Includer
- = Not Available

Protein and Oil
Ratings are based on two-year averages, except in cases where only one year of data is available.

Adaptation and Responses
B = Best
G = Good
F = Fair
P = Poor
- = Not Available
R = Resistant (Best or Good)

Enlist E3® SOYBEANS

GRAIN QUALITY		DISEASE/PEST RESISTANCE													BRAND
		Phytophthora Root Rot		Soybean Cyst Nematode											
% Protein @ 13% mst.	% Oil @ 13% mst.	Gene Resistance	Field Tolerance	Gene Source	Race Resistance	Southern Stem Canker	Root Knot Nematode Incognita	Iron Deficiency Chlorosis	Brown Stem Rot	Charcoal Rot	Soybean White Mold	Pod & Stem Blight	Sudden Death Syndrome	Frogeye Leaf Spot	Golden Harvest® Soybean Brand
-	-	Rps1k	4	Peking	MR1, MR3	-	-	5	3	4	4	-	3	-	GH2777E3S NEW
34.5	20.1	Rps1c	4	PI88788	MR3	R	-	4	2	4	4	-	3	-	GH2856E3S
-	-	Rps1c	3	PI88788	MR3	R	-	4	3	3	4	-	3	-	GH2997E3S NEW
34.4	19.9	Rps1c, Rps3a	2	PI88788	MR3	R	-	4	3	3	4	-	4	4	GH3035E3
-	-	Rps1c, Rps3a	4	PI88788	MR3	R	R	3	4	3	4	-	2	R	GH3057E3S NEW
-	-	Rps1c	4	Peking	R1, MR3, MR5	2	-	4	3	4	4	-	3	-	GH3355E3S
-	-	Rps1c	3	PI88788	R3, MR14	1	-	5	3	5	4	-	2	4	GH3373E3S
-	-	Rps1c	4	Peking	MR1, MR3	2	-	5	3	5	4	-	3	-	GH3416E3S
-	-	Rps1c	3	PI88788	MR3, MR14	R	-	5	-	3	-	-	3	-	GH3537E3S NEW
-	-	Rps1k	3	PI88788	R3, MR14	1	-	5	-	-	3	-	2	4	GH3693E3S
-	-	Rps1c, Rps3a	4	PI88788	R3, MR14	1	-	3	3	3	-	-	2	3	GH3774E3
-	-	Rps1c	4	PI88788	MR3	3	-	6	-	2	5	-	2	2	GH3836E3S
-	-	Rps1k	4	PI88788	MR3	2	-	5	-	4	6	-	2	R	GH3997E3S NEW
-	-	Rps1c	3	PI88788	MR3, MR14	1	-	3	3	4	-	-	2	4	GH4093E3
-	-	Rps1c	2	PI88788	MR3	1	4	4	-	3	-	-	2	2	GH4214E3S
-	-	Rps1c	3	PI88788	MR3, MR14	4	5	4	-	3	-	-	4	R	GH4337E3S NEW
-	-	Rps1c	3	PI88788	MR3, MR14	2	3	4	-	4	-	-	2	R	GH4417E3S NEW
-	-	Rps1k	3	PI88788	MR3	2	4	5	-	4	-	-	4	2	GH4775E3S
-	-	Rps1c, Rps3a	3	PI88788	MR3, MR14	2	3	4	-	2	-	-	3	2	GH4977E3S NEW
-	-	Rps1k, Rps3a	4	PI88788	MR3	3	3	6	-	3	-	-	4	R	GH5056E3S
-	-	Rps1c	4	PI88788	R3	1	3	4	-	3	-	-	3	2	GH5253E3

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.

Phytophthora Root Rot Gene Resistance
The following genes confer resistance to the listed races of *Phytophthora*:

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
NA = Not Applicable (no gene-specific resistance)

Phytophthora Root Rot 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.

Soybean Cyst Nematode
The PI88788 and Peking genes confer varying resistances to certain races of SCN. Refer to the "Race Resistances" column for phenotypic (expressed) resistance ratings. "NA" (Not Applicable) indicates no SCN gene or resistance.

SCN Race Resistance
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)

Disease/Pest Resistance
1 = Best
9 = Worst
- = Not Available
R = Resistant (1-4)

SOYBEAN CHARACTERISTICS

RM 0.08–2.9

BRAND	TRAITS & MATURITY		AGRONOMIC/PLANT CHARACTERISTICS													Adaptation to Soil Types or Yield Environments					Herbicide Responses	
Golden Harvest® Soybean Brand	Herbicide-Tolerant Trait	Relative Maturity	Emergence	Canopy/Plant Type	Plant Height	Growth Habit	Standability	Narrow Row	Wide Row	Flower Color	Pubescence Color	Pod Color	Hilum Color	Chloride Sensitivity	Green Stem	Drought Prone	High pH	Highly Productive	Variable	Poorly Drained	Sulfentrazone	Metribuzin
GH00864XF	XF	0.08	3	M	MT	IND	3	B	B	PUR	GR	TN	YEL	INC	2	B	G	B	B	G	G	G
GH0225XF	XF	0.2	2	M	M	IND	2	B	B	PUR	LTW	BR	BR	INC	2	B	P	B	B	B	B	G
GH0272XF	XF	0.2	3	M	MT	IND	3	B	G	PUR	LTW	TN	BL	INC	2	G	G	B	B	G	B	B
GH0384XF	XF	0.3	1	MT	M	IND	3	B	F	PUR	LTW	TN	GR	INC	1	B	F	G	B	G	B	B
GH0446XF	XF	0.4	3	M	M	IND	3	B	G	PUR	LTW	TN	BL	INC	-	B	G	B	B	B	B	R
GH0502XF	XF	0.5	3	M	M	IND	3	G	B	PUR	LTW	TN	IMY	INC	1	B	F	F	G	B	B	F
GH0655XF	XF	0.6	2	M	MT	IND	4	G	B	PUR	LTW	BR	BR	INC	1	B	G	B	B	G	B	B
GH0885XF	XF	0.8	2	M	MT	IND	3	B	B	PUR	LTW	TN	BL	EXC	3	B	G	B	B	B	G	B
GH1006XF	XF	1.0	2	MT	MT	IND	3	G	B	PUR	LTW	TN	BR	INC	1	B	G	B	G	G	G	R
GH1124XF	XF	1.1	2	M	MT	IND	3	B	G	PUR	LTW	TN	BL	EXC	3	B	G	B	B	B	G	G
GH1323XF	XF	1.3	3	MT	MT	IND	2	B	G	PUR	LTW	BR	BR	INC	3	B	G	B	B	B	G	G
NEW GH1446XF	XF	1.4	2	M	M	IND	2	B	B	PUR	LTW	BR	BL	EXC	4	B	G	B	B	B	G	R
GH1762XF	XF	1.7	3	M	MT	IND	2	B	G	PUR	LTW	BR	BR	INC	3	G	G	B	B	G	G	G
GH1886XF	XF	1.8	3	M	MT	IND	2	B	B	PUR	LTW	BR	BL	EXC	2	B	G	B	B	B	G	R
GH2004XF	XF	2.0	3	M	MT	IND	3	F	B	WH	LTW	BR	BL	INC	4	B	G	G	B	B	G	B
GH2313XF	XF	2.3	3	M	M	IND	3	G	B	WH	LTW	BR	BL	INC	2	B	F	G	B	B	B	G
GH2406XF	XF	2.4	2	MT	MT	IND	3	B	G	WH	LTW	BR	BL	INC	3	B	G	B	B	B	-	-
GH2626XF	XF	2.6	2	M	M	IND	2	B	B	WH	LTW	TN	BL	INC	3	B	F	B	B	B	-	R
GH2884XF	XF	2.8	2	M	MT	IND	3	G	B	PUR	LTW	TN	BL	INC	3	B	G	G	B	G	B	G
GH2925XF	XF	2.9	2	MB	M	IND	2	G	B	WH	LTW	BR	BL	INC	2	B	F	G	B	B	G	G

Disease / Pest Ratings
1 = Best
9 = Worst
- = Not Available
R = Resistant (1-4)

Herbicide-Tolerant Traits
XF = XtendFlex® Soybean
XF/STS = XtendFlex® Soybean and STS®

Canopy/Plant Type
B = Bush
MB = Medium-Bush
M = Medium
MT = Medium-Thin
T = Thin

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

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

Growth Habit
DET = Determinate
IND = Indeterminate

Chloride Sensitivity
EXC = Excluder
INC = Includer
- = Not Available

Protein and Oil
Ratings are based on two-year averages, except in cases where only one year of data is available.

Adaptation and Responses
B = Best
G = Good
F = Fair
P = Poor
- = Not Available
R = Resistant (Best or Good)

GRAIN QUALITY		DISEASE/PEST RESISTANCE													BRAND
		Phytophthora Root Rot		Soybean Cyst Nematode											
% Protein @ 13% mst.	% Oil @ 13% mst.	Gene Resistance	Field Tolerance	Gene Source	Race Resistance	Southern Stem Canker	Root Knot Nematode Incognita	Iron Deficiency Chlorosis	Brown Stem Rot	Charcoal Rot	Soybean White Mold	Pod & Stem Blight	Sudden Death Syndrome	Frogeye Leaf Spot	Golden Harvest® Soybean Brand
35.4	19.0	Rps1c, Rps3a	3	NA	S	1	-	3	5	-	3	-	-	-	GH00864XF
34.6	19.7	Rps1c, Rps3a	1	PI88788	R3	R	-	5	-	-	2	-	3	-	GH0225XF
34.2	19.8	Rps1c	3	PI88788	MR3	1	-	3	3	-	3	5	2	-	GH0272XF
35.0	19.7	Rps3a	3	NA	S	1	-	4	4	-	3	5	-	-	GH0384XF
34.1	20.6	Rps1c, Rps3a	2	PI88788	MR3	R	-	3	-	2	4	-	-	-	GH0446XF
35.6	18.6	Rps1c	3	PI88788	MR3	1	-	4	5	-	3	5	4	-	GH0502XF
34.2	18.8	Rps1c	3	PI88788	R3, MR14	R	-	3	2	-	3	-	2	-	GH0655XF
35.6	19.4	Rps1c	3	PI88788	R3	R	-	3	-	-	3	-	2	-	GH0885XF
34.9	20.4	Rps1k, Rps3a	3	PI88788	MR3	R	-	3	2	3	4	-	3	-	GH1006XF
36.1	19.0	Rps3a	3	PI88788	MR3	1	-	3	2	-	3	-	2	-	GH1124XF
35.8	18.8	Rps1c, Rps3a	1	PI88788	MR3, MR14	1	-	3	3	-	2	3	3	4	GH1323XF
36.3	20.0	Rps1c, Rps3a	3	PI88788	MR3, MR14	R	-	3	2	4	2	-	4	-	GH1446XF NEW
35.1	19.6	Rps1c	4	PI88788	MR3	1	-	3	2	-	3	4	3	5	GH1762XF
35.0	19.7	Rps1c, Rps3a	3	PI88788	MR3	R	-	3	2	3	2	-	3	-	GH1886XF
34.1	20.5	Rps1c	3	PI88788	MR3	1	-	3	3	4	3	4	2	4	GH2004XF
34.3	20.1	Rps1c	3	PI88788	MR3	1	-	4	3	3	3	4	4	5	GH2313XF
36.3	19.8	Rps1c	4	PI88788	MR3	R	-	3	3	3	2	-	2	-	GH2406XF
35.6	20.1	Rps1c	3	PI88788	MR3	R	-	4	2	4	3	-	4	-	GH2626XF
34.6	19.8	Rps1c	3	PI88788	MR3	1	-	3	4	3	3	-	3	5	GH2884XF
33.8	20.4	Rps1c	2	PI88788	MR3, MR14	1	-	4	2	5	4	-	2	2	GH2925XF

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.

Phytophthora Root Rot Gene Resistance
The following genes confer resistance to the listed races of *Phytophthora*:

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
NA = Not Applicable (no gene-specific resistance)

Phytophthora Root Rot 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.

Soybean Cyst Nematode
The PI88788 and Peking genes confer varying resistances to certain races of SCN. Refer to the "Race Resistances" column for phenotypic (expressed) resistance ratings. "NA" (Not Applicable) indicates no SCN gene or resistance.

SCN Race Resistance
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)

Disease/Pest Resistance
1 = Best
9 = Worst
- = Not Available
R = Resistant (1-4)

SOYBEAN CHARACTERISTICS

RM 3.0–5.8

	BRAND	TRAITS & MATURITY		AGRONOMIC/PLANT CHARACTERISTICS																			
																Adaptation to Soil Types or Yield Environments					Herbicide Responses	
	Golden Harvest® Soybean Brand	Herbicide-Tolerant Trait	Relative Maturity	Emergence	Canopy/Plant Type	Plant Height	Growth Habit	Standability	Narrow Row	Wide Row	Flower Color	Pubescence Color	Pod Color	Hilum Color	Chloride Sensitivity	Green Stem	Drought Prone	High pH	Highly Productive	Variable	Poorly Drained	Sulfentrazone	Metribuzin
	GH3023XF	XF	3.0	2	M	M	IND	2	B	B	WH	LTW	BR	BL	INC	3	B	F	B	B	B	G	G
NEW	GH3087XF	XF	3.0	2	M	M	IND	2	B	B	PUR	GR	BR	IMB	INC	2	F	G	B	F	B	-	R
	GH3226XF	XF	3.2	2	MB	M	IND	3	B	B	PUR	LTW	BR	BL	INC	2	B	P	B	B	B	-	R
	GH3445XF	XF	3.4	2	MB	M	IND	3	B	B	WH	LTW	BR	BL	INC	2	B	F	B	B	B	F	G
NEW	GH3727XF	XF	3.7	3	M	M	IND	4	G	B	WH	LTW	BR	BL	INC	4	G	F	G	G	B	-	R
	GH3913XF	XF	3.9	2	MB	T	IND	3	G	B	PUR	GR	BR	IMB	INC	3	B	G	B	B	B	F	G
	GH3986XF	XF	3.9	2	M	M	IND	2	B	B	WH	LTW	BR	BL	EXC	2	G	P	G	B	G	F	B
	GH4222XF	XF	4.2	3	M	MT	IND	2	B	B	PUR	LTW	BR	BL	INC	3	B	F	B	B	G	P	B
NEW	GH4247XFS	XF/STS	4.2	2	M	M	IND	2	B	B	WH	LTW	BR	BL	EXC	2	F	F	G	G	B	-	R
	GH4345XFS	XF/STS	4.3	2	M	M	IND	3	B	B	PUR	GR	TN	IMB	EXC	1	G	F	G	B	B	F	G
	GH4452XFS	XF/STS	4.4	2	M	MT	IND	3	B	G	WH	GR	BR	BF	INC	4	B	P	B	B	B	F	B
	GH4663XFS	XF/STS	4.6	2	MB	MT	IND	3	G	B	WH	LTW	BR	BL	INC	3	B	F	B	B	G	G	G
	GH4766XFS	XF/STS	4.7	2	MB	T	IND	2	B	B	PUR	LTW	TN	BL	EXC	3	B	P	B	B	B	F	B
NEW	GH4777XFS	XF/STS	4.7	3	MB	MT	IND	2	B	B	WH	LTW	BR	BL	INC	-	F	G	B	G	B	-	R
NEW	GH4867XFS	XF/STS	4.8	3	MB	MT	IND	2	B	B	WH	LTW	TN	BL	EXC	-	B	P	B	G	B	-	R
	GH4882XFS	XF/STS	4.8	2	M	MT	IND	3	B	B	WH	GR	BR	BF	INC	4	G	F	B	G	B	P	G
NEW	GH4907XFS	XF/STS	4.9	3	MB	MT	IND	2	B	B	WH	LTW	BR	BL	EXC	-	B	P	B	G	B	-	R
	GH5226XFS	XF/STS	5.2	3	MB	MT	IND	3	B	B	WH	LTW	BR	BR	INC	3	B	F	B	B	B	F	B
	GH5444XFS	XF/STS	5.4	3	MB	T	IND	3	G	B	WH	TW	TN	BL	INC	3	B	P	B	B	B	F	B
	GH5885XF	XF	5.8	2	B	MT	DET	2	B	B	WH	LTW	BR	BL	INC	2	B	F	G	B	B	B	B

Disease / Pest Ratings
1 = Best
9 = Worst
- = Not Available
R = Resistant (1-4)

Herbicide-Tolerant Traits
XF = XtendFlex® Soybean
XF/STS = XtendFlex® Soybean and STS®

Canopy/Plant Type
B = Bush
MB = Medium-Bush
M = Medium
MT = Medium-Thin
T = Thin

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

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

Growth Habit
DET = Determinate
IND = Indeterminate

Chloride Sensitivity
EXC = Excluder
INC = Includer
- = Not Available

Protein and Oil
Ratings are based on two-year averages, except in cases where only one year of data is available.

Adaptation and Responses
B = Best
G = Good
F = Fair
P = Poor
- = Not Available
R = Resistant (Best or Good)

GRAIN QUALITY		DISEASE/PEST RESISTANCE													BRAND
		Phytophthora Root Rot		Soybean Cyst Nematode											
% Protein @ 13% mst.	% Oil @ 13% mst.	Gene Resistance	Field Tolerance	Gene Source	Race Resistance	Southern Stem Canker	Root Knot Nematode Incognita	Iron Deficiency Chlorosis	Brown Stem Rot	Charcoal Rot	Soybean White Mold	Pod & Stem Blight	Sudden Death Syndrome	Frogeye Leaf Spot	Golden Harvest® Soybean Brand
34.6	19.7	Rps1c	3	PI88788	R3	1	-	4	3	4	4	-	2	2	GH3023XF
-	-	Rps1k	3	PI88788	MR3	R	-	3	2	4	4	-	3	3	GH3087XF NEW
-	-	Rps1c	4	PI88788	MR3	R	-	6	3	3	3	-	2	-	GH3226XF
-	-	Rps1c	3	PI88788	MR3, MR14	1	-	4	3	3	4	-	2	-	GH3445XF
-	-	Rps1c	3	PI88788	MR3, MR14	2	-	4	2	3	-	-	3	-	GH3727XF NEW
-	-	Rps1c	3	PI88788	MR3, MR14	1	-	3	3	3	-	-	2	3	GH3913XF
-	-	Rps1c	4	PI88788	MR3, MR14	2	-	7	-	3	5	-	3	2	GH3986XF
-	-	NA	3	PI88788	MR3	1	8	4	3	4	-	-	2	4	GH4222XF
-	-	Rps1c	2	PI88788	MR3, MR14	3	6	4	-	3	-	-	2	R	GH4247XFS NEW
-	-	Rps1c	2	PI88788	MR3	2	5	4	-	3	-	-	4	2	GH4345XFS
-	-	Rps1c	3	PI88788	MR3	1	5	5	3	3	-	-	5	4	GH4452XFS
-	-	Rps1k	3	PI88788	R3	1	5	4	3	3	-	-	5	4	GH4663XFS
-	-	Rps1c	4	PI88788	R3, MR14	2	5	5	-	2	-	-	2	2	GH4766XFS
-	-	NA	3	PI88788	MR3, MR14	2	2	3	-	3	-	-	-	3	GH4777XFS NEW
-	-	Rps1c	2	PI88788	MR3, MR14	3	4	5	-	3	-	-	4	2	GH4867XFS NEW
-	-	Rps1k	4	PI88788	MR3, MR14	3	6	4	-	4	-	-	3	2	GH4882XFS
-	-	Rps1c	3	PI88788	MR3, MR14	2	4	5	-	2	-	-	2	3	GH4907XFS NEW
-	-	NA	4	PI88788	MR3	3	2	4	-	3	-	-	5	R	GH5226XFS
-	-	NA	3	PI88788	MR3, MR14	1	5	6	-	2	-	-	4	2	GH5444XFS
-	-	Rps3a	4	PI88788	MR3	1	3	4	-	3	-	-	5	2	GH5885XF

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.

Phytophthora Root Rot Gene Resistance
The following genes confer resistance to the listed races of *Phytophthora*:
- 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
- NA = Not Applicable (no gene-specific resistance)

Phytophthora Root Rot 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.

Soybean Cyst Nematode
The PI88788 and Peking genes confer varying resistances to certain races of SCN. Refer to the "Race Resistances" column for phenotypic (expressed) resistance ratings. "NA" (Not Applicable) indicates no SCN gene or resistance.

SCN Race Resistance
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)

Disease/Pest Resistance
1 = Best
9 = Worst
- = Not Available
R = Resistant (1-4)

PRESERVING LONG-TERM PERFORMANCE

STEWARDSHIP

STEWARDSHIP GUIDELINES & RESOURCES

Effective stewardship protects the value, integrity and longevity of trait technologies available to growers. Syngenta provides responsible agriculture programs and information on safe product handling and storage.

GROWER STEWARDSHIP AGREEMENT

Prior to planting Syngenta corn and soybean products, growers are required to sign, and have on file, a Syngenta Seeds, L.L.C. Stewardship Agreement (Version US03, updated March 2026, the "Agreement"). The Agreement outlines the terms and conditions of growing Syngenta products, 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 send the completed Agreement to Syngenta is June 30, annually.**

AGREEMENTS CAN BE SENT USING ONE OF THESE FOUR METHODS:

Online
AgCelerate.com

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

Fax
1-704-919-5581

Mail
AgCelerate
Attn: Stewardship
P.O. Box 221679
Charlotte, NC 28222-1679

Email
agreements@agdata.com

Use only one method; originals are not required. It is important that you keep a copy of the Agreement for your records.

Full Stewardship Guidelines & Best Practices

CORN REFUGE REQUIREMENTS

Insect Resistance Management
Planting Refuges, Preserving Technology

IRM requirements vary by hybrid or trait packages. On-farm mixing of any seed is not an approved method to comply with stewardship requirements. Always check the bag tag to ensure the correct refuge size requirement.

	TRAIT STACK	SIZE REQUIREMENT (CORN-GROWING REGION)[1]	SIZE REQUIREMENT (COTTON-GROWING REGION)[1]
ABOVE- AND BELOW-GROUND TRAIT STACKS	DurastakViptera™	5% in the bag E-Z Refuge® E-Z Refuge™	20% supplemental refuge[2]
	DuracadeViptera™		
	DuracadeViptera™ Z3		
	Durastak™		
	Duracade™		
	AgrisureViptera™ 3111	20% in field/ adjacent	20% in field/ adjacent
ABOVE-GROUND TRAIT STACKS	Viptera™	5% in the bag E-Z Refuge E-Z Refuge™	20% supplemental refuge[2]
	Viptera™ Z3		
	Agrisure® Above		

EXCELLENCE THROUGH STEWARDSHIP®
Advancing Best Practices in Agricultural Biotechnology

Syngenta products and traits are launched in accordance with Excellence Through Stewardship® Product Launch Guidance and Syngenta launch policies.

[1] THE FOLLOWING STATES AND COUNTIES ARE CONSIDERED CORN-GROWING AREAS: AK, AZ, CA, CO, CT, DE, HI, ID, IL, IN, IA, KS, KY, ME, MD, MA, MI, MN, MO (all counties except Dunklin, New Madrid, Pemiscot, Scott and Stoddard), MT, NE, NV, NH, NJ, NM, NY, ND, OH, OK (all counties except Beckham, Caddo, Comanche, Custer, Greer, Harmon, Jackson, Kay, Kiowa, Tillman and Washita), OR, PA, RI, SD, TN (all counties except Carroll, Chester, Crockett, Dyer, Fayette, Franklin, Gibson, Hardeman, Hardin, Haywood, Lake, Lauderdale, Lincoln, Madison, Obion, Rutherford, Shelby and Tipton), TX (only the counties of Carson, Dallam, Hanford, Hartley, Hutchinson, Lipscomb, Moore, Ochiltree, Roberts and Sherman), UT, VT, VA (all counties except Dinwiddie, Franklin City, Greensville, Isle of Wight, Northampton, Southampton, Suffolk City, Surrey and Sussex), WA, WV, WI and WY. THE FOLLOWING STATES AND COUNTIES ARE CONSIDERED COTTON-GROWING AREAS: AL, AR, FL, GA, LA, MO (only the counties of Dunklin, New Madrid, Pemiscot, Scott and Stoddard), MS, NC, OK (only the counties of Beckham, Caddo, Comanche, Custer, Greer, Harmon, Jackson, Kay, Kiowa, Tillman and Washita), SC, TN (only the counties of Carroll, Chester, Crockett, Dyer, Fayette, Franklin, Gibson, Hardeman, Hardin, Haywood, Lake Lauderdale, Lincoln, Madison, Obion, Rutherford, Shelby and Tipton), TX (all counties except Carson, Dallam, Hanford, Hartley, Hutchinson, Lipscomb, Moore, Ochiltree, Roberts and Sherman) and VA (only the counties of Dinwiddie, Franklin City, Greensville, Isle of Wight, Northampton, Southampton, Suffolk City, Surrey and Sussex).

[2] Assumes a common corn borer and rootworm refuge. Alternatively, a separate rootworm refuge within or adjacent to the field and a corn borer refuge up to a half mile away could be planted.

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STEP 3

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[1] Subject to certain terms and conditions found at www.goldenharvestseeds.com/goldenadvantage/.

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Whether you're a long-time partner or considering us for the first time, you have the chance to win an all-inclusive trip with qualifying orders of Golden Harvest and/or Enogen® corn.

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Viptera™ Viptera™ Z3 Agrisure™ Artesian™

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Product performance assumes disease presence.

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 Important: Always read and follow label instructions and overtreatment stewardship practices. 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 4LC, AAtrex Nine-O, Acuron, Agri-Flex, Agri-Mek 0.15 EC, Agri-Mek SC, Avicta 500 FS, Avicta Complete Beans 500, Avicta Complete Corn 250, Avicta Duo, Avicta Duo 250 Corn, Avicta Duo 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 6.5G, Force CS, 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, Opello, 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.**

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. **No dicamba may be used in-crop with seed with Roundup Ready® Xtend Technology, unless and until approved or specifically permitted, and no dicamba formulations are currently registered for such use at the time this material was published. Please see https://www.roundupreadyxtend.com/pages/xtendimax-updates.aspx for status updates. See product labels for details and tank mix partners.** Golden Harvest® 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® soybean, LibertyLink®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield® and XtendFlex® 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. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with products with XtendFlex® Technology. Only 2,4-D choline formulations with Colex-D® Technology are approved for use with Enlist E3® soybeans. ENLIST E3® 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® and ENLIST E3® are trademarks of Corteva Agriscience LLC. Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, VaporGrip®, YieldGard VT Pro™ and XtendFlex® are trademarks used under license from the Bayer Group.

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