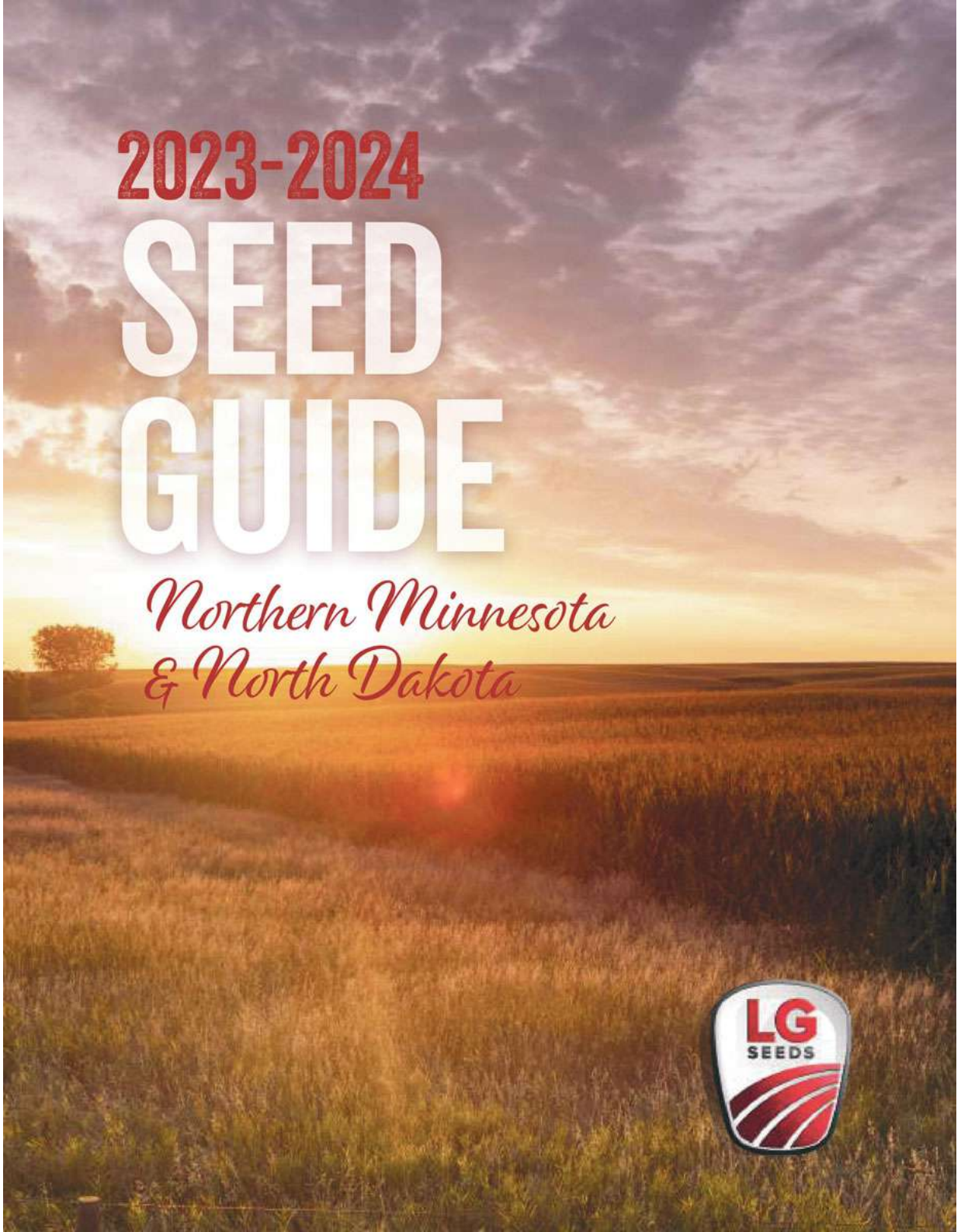

2023-2024
SEED
GUIDE
Northern Minnesota
& North Dakota
LG
SEEDS

A PARTNER YOU CAN TRUST IN THE FIELDS

At LG Seeds, our reputation is built on delivering top quality seed that produces reliable results, year after year. We've been doing this for our seed partners for the better part of a century and we don't plan on stopping any time soon.

We deliver these results by spending countless hours in the field and the lab, thanks to a research program that spans the globe, access to unique germplasm, and the ability to pair our unique products with the best traits and treatments available. You can trust when you choose LG Seeds as your seed partner, you are in good hands.

STRONG ROOTS
Great Partnerships

A great partnership is born out of strong roots and a simple promise to be the best partner possible. That's LG Seeds. A seed partner supported by AgReliant Genetics, our parent company focused solely on seed and delivering one-of-a-kind germplasm never-before seen in North America.

As a parent, AgReliant doesn't stop there. They've significantly invested in research and development focused on the discovery of new, diverse genetic innovation to provide unique, high performing solutions for your specific pest, disease, and weather challenges for today and for the future.

Our breeders walk local fields, conducting first-hand field observations and hands-on interactions with local field agronomists to ensure our genetics meet the goals of each farmer. We log more than 50,000 in-season hours of agronomic review of a full 800,000 test plots, with up to 50 measured traits per hybrid.

Because we can't promise to do right by our farmers if we don't put in the work and deliver seed choices that perform both on your prize acres and your surprise acres.

Our commitment is unwavering, our dedication to your yield success is strong. We're LG Seeds, from the AgReliant Genetics family.

AgReliant® GENETICS LGSEEDS

YOUR CHALLENGES DRIVE OUR PRIORITIES.

Our research and development program centers on our farmers and how they grow. Every year our team prioritizes the pest and disease challenges our farmers face in their fields as well as what is coming down the road. These challenges drive our research program to come up with new genetics solutions to win each year and allow our farmers to plant with confidence.

How do we do it? It starts with 100% focus on seed—no extras, no nonsense, just developing good unique seed, proven to deliver for our farmers. As a part of AgReliant Genetics, our access to unique global germplasm lets us introduce seeds never-before seen in North America and develop hybrids to test locally, giving our growers unique hybrid solutions to win the yield battles. These solutions help provide reliable results in the field with unique abilities to fight diseases and resist pests, mitigating risk for our farmers.

50,000+
IN-SEASON HOURS OF AGRONOMIC REVIEW

800,000
TEST PLOTS WORLDWIDE

70,000+
HYBRIDS TESTED YEARLY

UP TO **50 MEASURED TRAITS**
PER HYBRID

5+ YEARS
CONSISTENT ANNUAL YIELD INCREASES

ONLY 0.02% MAKE IT INTO OUR BAGS

PROTECTION FROM ABOVE- & BELOW-GROUND PESTS

Thanks to a two-pronged approach, your crops gain protection from a range of above- and below-ground pests. Our hybrids feature a full range of traits and treatments to address any challenges you may encounter, ensuring maximum safety.

ABOVE GROUND

Unique traits protect your plants—ear, leaf, and stalk—from a range of above-ground pests. Combined with broad below-ground protection, these traits set your fields up for success.

VTDoublePRO · Trecepta · Agrisure Viptera · Viptera

ABOVE & BELOW GROUND

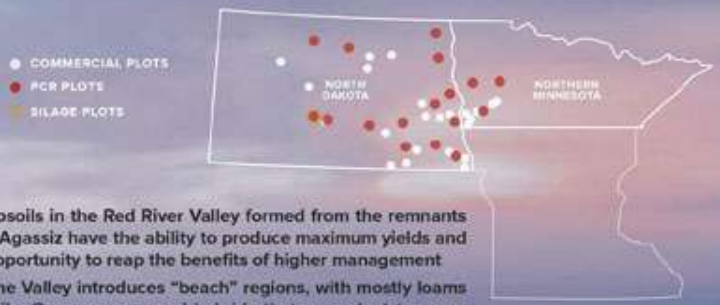
Separate proteins bind together, enabling unique modes of action and providing maximum coverage for your crops both above and below ground. Protection for your roots and your above-ground plants, in a single hybrid.

SmartStax · SmartStax PRO · Duracade · Viptera · Duracade Viptera

NORTHERN
Minnesota & North Dakota

Our region is actually better described as two different regions. Northwest Minnesota and Eastern North Dakota are mostly part of the Red River Valley. This area presents excellent ground, with wide open fields and top end yields. Western North Dakota is completely different, with much less rain and lower yield potentials. Growers in our region know how to manage their crops to maximize bushels, as well as defend it from insects, disease, and environmental pressures.

The climate changes quickly in this region. Although North Dakota is only about 200 miles from North to South, it has a maturity range of 77 to 102 days for corn. Our LG Seeds agronomists have expertise in selecting the best products to meet the challenges of our growers.



- Productive, rich topsoils in the Red River Valley formed from the remnants of the glacial Lake Agassiz have the ability to produce maximum yields and offer growers an opportunity to reap the benefits of higher management
- East and West of the Valley introduces "beach" regions, with mostly loams and some sand soils. Our growers need hybrids that can adapt to many different soil types and climates
- In our trials, we push the envelope on high-yield management strategies to bring you the products and the know-how to succeed in high-productivity environments

RECOMMENDED TREATMENTS

ACCELERON · AgriShield MAX · Vayantis

With widespread regional PCR trials, we can characterize hybrids for resistance to local diseases.

MANAGEMENT NOTE

Due to high winds and seasonal storm gusts, major priorities for our region include hybrid stalk lodging, greensnap, and root lodging ratings.

PEST RESISTANCE

A basic fungicide/insecticide serves our area well, with larger rates of insecticide in some corn-on-corn rotations. The use of Bt traits helps reduce the European Corn Borer population.

DISEASES

Goss's Wilt is the most damaging and can be found throughout the region, causing significant yield loss in hot spots

AVERAGE RAINFALL

20"+
CENTRAL TO EASTERN NORTH DAKOTA AND NW MINNESOTA

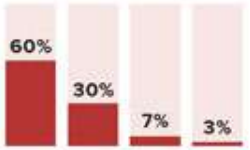
≤14"
WESTERN NORTH DAKOTA AND MINNESOTA

WIND GUSTS

30+ MPH
AVERAGE WIND

60-70 MPH
STORM GUSTS

SOIL TYPES

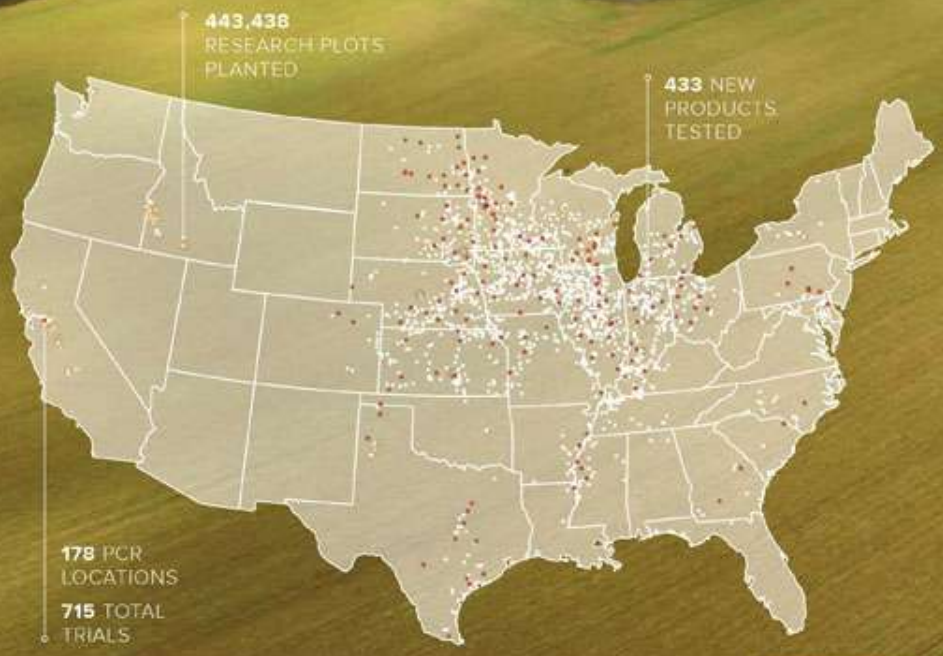


TOP 3 COMMON PESTS

EUROPEAN CORN BORER · BLACK CUTWORM · GRUBS

PROVEN IN YOUR FIELDS

LG Seeds harnesses global research to offer a diverse seed portfolio with unique genetics proven to thrive in a wide range of growing conditions. And our experts bring it back to your fields, with rigorous testing to help us put the right seed on your farm.



BEYOND THE BUSHEL

From global research to local hybrids, we're offering one-of-a-kind seed choices with unique genetics, paired with the traits you want.

AgReliant

Through AgReliant Genetics, LG Seeds has access to unique corn germplasm and a broad research program, enabling us to develop consistent, reliable hybrids.

LGSEEDS

Our unique structure enables us to use industry-leading traits from multiple providers, offering all of the preferred choices—combining cutting-edge corn genetics with high performing traits.

DIVERSE CHOICES

Our agronomy team performs extensive testing to identify the best seed for your field, paired with some of the top tools in the industry to help deliver the consistent yields and high ROI you need.

Our BIG5 hybrids offer an easy way for you to find our top seed recommendations for your area. Local choices, hand-picked for your region, your soil, and your fields.

- **LG37C33** *BROADWAY*
- **LG44C27** *THE LETTERMAN*
- **LG30C98** *THE BIG DOG*
- **LG35C79** *THE ANSWER*
- **LG42C80** *YIELDMAKER*

See page 20 for your regional BIG5 lineup.

CORN HYBRIDS
2023-2024

UNWAVERING CORN HYBRID PROTECTION

You know your land best—but we understand every field presents its own challenges that are unique to each crop. For drought, moisture, pests, or disease, our lineup has the diversity and the science to help set you up for the best possible results.

ACCELERON® SEED APPLIED SOLUTIONS

Available in three modes, Acceleron® treatment packages combat early-season disease, insects, and nematodes.

	ACCELERON®	ACCELERON® PONCHO®/VOTIVO®	ACCELERON® PONCHO® 1250/ VOTIVO®
SMARTSTAX®	–	✓	–
TRECEPTA®	✓	✓	✓
VT DOUBLE PRO®	✓	✓	✓
ROUNDUP READY® CORN 2	✓	✓	✓
SMARTSTAX® PRO with RNAi Technology	–	✓	–
DROUGHTGARD®	✓	✓	✓

FUNGICIDES

Advanced early to mid-season protection against soil- and seed-borne diseases, including Fusarium, Rhizoctonia solani, and Pythium.

+INSECTICIDES

Controls over 15 corn insect pests, safeguarding your crops from early season pests: wireworm, seedcorn maggot, white grub, grape colaspsis, and black cutworm.

+NEMATICIDES

Protection from a wide range of nematode species.

AgriShield®

AgriShield® seed treatments offer your crops the opportunity to fulfill their genetic potential in the field. With early emergence matched by early season protection, you can rely on the benefits of strong roots, disease resistance, insect control, and positioning for maximum yield.

FUNGICIDES

Early season protection for consistent control against soil-borne and seed-borne diseases:

- Rhizoctonia
- Pythium
- Fusarium
- Penicillium
- Rhizopus
- Cladosporium

+INSECTICIDES

Always-on protection for control against a wide range of insects, including:

- Wireworm
- Black Cutworm
- White Grub
- Corn Rootworm
- Seedcorn Maggot
- Flea Beetle
- Grape Colaspis
- Chinch Bug

+NEMATICIDES

Safeguards your crops against the damage of targeted nematode species:

- Sting
- Spiral
- Root-Knot
- Stunt
- Needle
- Root-Lesion
- Lance
- Dagger
- Stubby Root

+BIO-ENHANCERS

Nutrient package with zinc showing 9-year internal data with a 3.4 bu/A advantage.

Vayantis®

Vayantis® fungicide seed treatment offers the most powerful compound to protect corn seedlings from Pythium, giving you the added security of knowing your corn genetics are protected. Now included in all LG Seeds hybrids treated with Acceleron® or AgriShield® seed treatment.

OVER **100 MILLION BUSHELS** LOST YEARLY IN THE U.S. & ONTARIO*

PYTHIUM PROTECTION

Pythium poses a huge threat for corn growers, causing more damage than Fusarium and Rhizoctonia seedling diseases combined.

*Mueller, D.S., et al., 2016. Corn yield loss estimates due to diseases in the United States and Ontario, Canada from 2012 to 2015. Plant Health Progress, 17(3), 211-222. https://doi.org/10.1094/PHP-RS-16-0030. Adjusted using data cited from USDA and OMAFRA.

MODE OF ACTION COMPARISONS

Syngenta has moved to a simplified and streamlined corn trait portfolio naming structure for the 2023 season. Refer to the Corn Legend for details.

	SMARTSTAX® RIB COMPLETE®	SMARTSTAX® PRO RIB COMPLETE®	VT DOUBLE PRO®	VT DOUBLE PRO® RIB COMPLETE®	TRECEPTA® RIB COMPLETE®	DURACADE VIPTERA™	DURACADEVIPTERA™ REFUGE RENEW™	AGRISURE VIPTERA® 3110	VIPTERA™ Z3	VIPTERA™	VIPTERA™ REFUGE RENEW™	OPTIMUM® ACREMAX® 1	OPTIMUM® ACREMAX®	OPTIMUM® ACREMAX® XTRA	OPTIMUM® ACREMAX® XTREME	QROME®
REFUGE																
Corn Belt	5% RIB Complete*	5% RIB Complete*	5% Refuge	5% RIB Complete*	5% RIB Complete*	5% E-Z Refuge*	5% Refuge	20% Refuge	5% E-Z Refuge*	5% Refuge	5% Refuge	10% Below 20% Above	5% RIB	10% RIB	5% RIB	5% RIB
Cotton Growing Area	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	50% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge
HERBICIDE TOLERANCE																
Herbicide Tolerance	Roundup Ready® 2 Technology LibertyLink®*	Roundup Ready® 2 Technology LibertyLink®*	Roundup Ready® 2 Technology	Roundup Ready® 2 Technology	Roundup Ready® 2 Technology	Glyphosate Tolerant LibertyLink®*	Glyphosate Tolerant LibertyLink®*	Glyphosate Tolerant LibertyLink®*	Glyphosate Tolerant LibertyLink®*	Glyphosate Tolerant LibertyLink®*	Glyphosate Tolerant LibertyLink®*	Roundup Ready® 2 Technology LibertyLink®*	Roundup Ready® 2 Technology LibertyLink®*	Roundup Ready® 2 Technology LibertyLink®*	Roundup Ready® 2 Technology LibertyLink®*	Roundup Ready® 2 Technology LibertyLink®*
ABOVE-GROUND INSECT CONTROL OR SUPPRESSION																
Corn Earworm *Helicoverpa zea*	■■	■■	■■	■■	■■■	■■	■	■	■■■	■■	■■	■	■	■	■	■
Western Bean Cutworm *Richia albicosta*	–	–	–	–	■	■	–	■	■	■	■	–	–	–	–	–
European Corn Borer *Ostrinia nubilalis*	■■■	■■■	■■	■■	■■	■■	■■	■	■■■	■■	■■	■	■■	■■	■■	■■
Southwestern Corn Borer *Diabrotica grandicollis*	■■■	■■■	■■	■■	■■■	■■	■■	■	■■■	■■	■■	■	■■	■■	■■	■■
Fall Armyworm *Spodoptera frugiperda*	■■■	■■■	■■	■■	■■■	■■	■	■	■■■	■■	■■	■	■	■	■	■
Black Cutworm *Agrotis ipsilon*	■	■	–	–	■	■■	■	■	■	■■	■■	■	■	■	■	■
BELOW-GROUND INSECT CONTROL OR SUPPRESSION																
Northern Corn Rootworm *Diabrotica barberi*	■■	■■■	–	–	–	■■	■■	–	–	–	–	■	–	■	■■	■■
Western Corn Rootworm *Diabrotica virgifera virgifera*	■■	■■■	–	–	–	■■	■■	–	–	–	–	■	–	■	■■	■■
Mexican Corn Rootworm *Diabrotica virgifera zea*	■■	■■■	–	–	–	■■	■■	–	–	–	–	■	–	■	■■	■■

Mode of Action – Control of Pest ■ Single Mode Activity ■■ Dual Mode Activity ■■■ Triple Mode Activity

*Please read seed tag to confirm the herbicide tolerance of the refuge component before use of glufosinate or glyphosate. DuPont Pioneer claims suppression of corn earworm on Optimum® AcreMax® 1, Optimum® AcreMax®, and Optimum® AcreMax® Xtreme labels with Herculex® I technology Cry1A.105 and Cry2Ab2 from Bt. controls or suppresses corn earworm. Syngenta claims suppression of corn earworm with BIII. Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's hybrids. DuracadeViptera™, Viptera® Z3, Viptera®, and Agrisure Viptera® 3110A contain Agrisure Artesian® technology.

MEET YOUR STARTING LINEUP

Introducing LG Seeds BIG5 premium picks for your 2024 growing season.

Foundational top shelf choices for your region—hand-picked for the growing challenges, crop management concerns, and traits and protection priorities for growers across your region.

CORN LEGEND

AGRONOMIC CHARACTERISTICS

Relative Maturity (RM)
Based on physiological maturity and harvest moisture.

Silage Proven
Rating based on digestibility and net energy on a per-acre basis. Our Silage Proven products undergo rigorous testing and measurements against industry standards to determine their value compared to existing corn silage hybrids.

Early Vigor
Emergence and early growth. Longest markers are fastest.

Greensnap Tolerance
During periods of rapid growth, before pollination, some products are more susceptible to summer stalk breakage when subjected to high winds. Across the Corn Belt, the summer stalk breakage potential increases to the West. Shortest markers are most susceptible to breakage.

Drydown
Longer markers indicate faster drydown. Use to compare with products of similar maturity.

Staygreen
Ability of the plant to maintain photosynthates in the leaves and stalk longer during the season.

Drought Tolerance
Longer markers indicate tolerance to heat stress and drier conditions. Not an absolute rating, as extreme conditions will likely affect performance.

Test Weight
Longer markers indicate heavier test weights.

Harvest Appearance
Longer markers indicate better plant intactness later into the harvest season.

GDD
The number of heat units (Growing Degree Days) required by a corn plant from the time it is planted to reach silk, pollen, and black layer.

CROP MANAGEMENT

Plant Population
Desired final population stand. This should be adjusted to specific management and environmental circumstances.

Continuous Corn
Takes into account the overall health rating of a product because of increased disease pressure of planting corn following corn.

Adapt To No-Till
This rating is closely related to emergence and early growth, as soils planted no-till are often colder and wetter.

PLANT HEALTH

Fungicide Response
Low, moderate, or high indicates response to fungicide application in adverse disease environments.

Disease Tolerance
In adverse disease environments, the longest marker indicates high tolerance and shortest indicates poor tolerance.

Tar Spot
Tar Spot is a yield-harming fungus indicated by small raised black circular stromata on the leaves. Markers indicate tolerance (longest marker), moderate tolerance and moderate susceptibility.

PLANT CHARACTERISTICS

Flowering for Maturity
Flowering occurs earlier, at the same time (mid), or later as compared to similar maturity products.

Plant Height
Medium-Short, Medium, Medium-Tall, or Tall.

Ear Height
Low, Medium-Low, Medium, Medium-High, or High.

Ear Type
Semi-Flex, Flex, or Fixed.

CHARACTERISTIC INDICATORS

Looking for drought tolerance, corn-on-corn or Tar Spot resistance? To help you find hybrids with the characteristics you value, look for these icons.

- Corn-on-Corn/Continuous Corn
- Strong Disease Package/High Disease Tolerance
- Drought Tolerance
- Early Emergence/Early Planting
- Late Season Intactness
- Stalk/Root Strength
- Tar Spot Tolerant
- Top-End Yield
- New Product
- BIG5 Product (regional guides only)

COMMON ABBREVIATIONS

NCLB	Northern Corn Leaf Blight
SCLB	Southern Corn Leaf Blight
GLS	Gray Leaf Spot
ASR	Anthracnose Stalk Rot
HEC	Hard Endosperm Corn

PRODUCT RATINGS

Product rating characteristics are assigned by LG Seeds based on comparisons with other LG Seeds product, not competitor products, through in-house field testing. Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on their fields.

Rating Markers
Visual markers are used to indicate ratings, replacing the numeric values used in previous seed guides.

Indicates moderate rating (>6)

Indicates good rating (6-7)

Indicates very good rating (8)

Indicates excellent rating (9)

\- -
Indicates no value available or not applicable

TRAIT VERSIONS

The following value-added trait versions are currently offered for corn:

CONVENTIONAL
Roundup Ready 2
VTDoublePRO
VTDoublePRO
DroughtGard
DroughtGard
Trecepla
Trecepla
SmartStax
SmartStax
SmartStax PRO
Agrisure GT
Agrisure Viptera
Duracade Viptera
Duracade Viptera
Viptera
Viptera
Viptera 23

NEW NAMES

For the 2023 season, Syngenta has developed a simplified and streamlined corn trait portfolio naming structure for a clearer understanding of products and benefits within each trait stack.

PREVIOUSLY NAMED		NEW NAME
Agrisure Duracade	Agrisure Duracade	Duracade Viptera
Agrisure Duracade	Agrisure Duracade	Duracade Viptera
Agrisure Viptera	Agrisure Viptera	Viptera
Agrisure Viptera	Agrisure Viptera	Viptera 23
Agrisure Viptera	Agrisure Viptera	Viptera

LG29C19 — 79 RM

VTDoublePRO

LG29C19 exhibits very good early vigor and fits many soils and populations. Population can be pushed on productive soils. Drought tolerance is good and fits multiple soil types. Excellent grain or silage option.

- Top-end yield potential and very good test weight.
- Exceptional staygreen and good plant health.
- Very good option for early planting.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

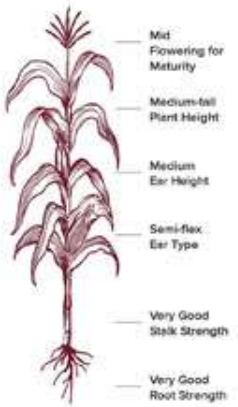
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	--	Anthracnose	--
S Leaf Blight	--	Southern Rust	--
Gray Leaf Spot	--	Fungicide Response	Low
Goss's Bacterial Wilt		Tar Spot	--
Herbicide Interaction	None Noted		

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1125 | **Silk:** 1090 | **Black Layer:** 1980
Planting Rate: 28 - 36,000 Plants per Acre

LG30C98® — 80 RM

VTDoublePRO

LG30C98 brings a new yield level to the 80-day market. It has great versatility, performing well across soil types and geographies. LG30C98 has the yield to compete in highly productive soils and holds yield into marginal soils. Very good drought tolerance allows movement into the Western Dakotas.

- LG30C98 is high yielding for its maturity and has average test weight.
- Excellent emergence and stalk strength with very good greensnap tolerance.
- Good health and very good Goss's Wilt tolerance.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

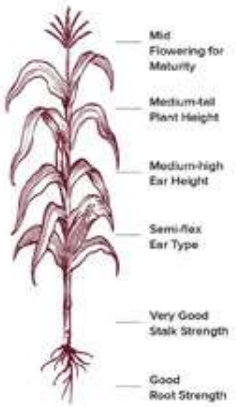
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight		Anthracnose	--
S Leaf Blight	--	Southern Rust	--
Gray Leaf Spot	--	Fungicide Response	Moderate
Goss's Bacterial Wilt		Tar Spot	--
Herbicide Interaction	--		

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1099 | **Silk:** 1081 | **Black Layer:** 2013
Planting Rate: 24 - 36,000 Plants per Acre

LG32C25 — 82 RM

VTDoublePRO

LG32C25 performs well in its adapted maturity zone with good East to West adaptation. Plant at moderate to moderate-high populations for best performance. Early flowering allows for good Northern movement.

- Medium height plant with good test weight grain.
- Very good stalk and root strength.
- Good staygreen provides an attractive appearance late into the season. Strong Goss's Wilt, NCLB and greensnap ratings.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

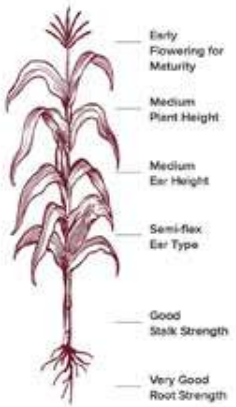
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight		Anthracnose	
S Leaf Blight	--	Southern Rust	--
Gray Leaf Spot		Fungicide Response	Moderate
Goss's Bacterial Wilt		Tar Spot	--
Herbicide Interaction	None Noted		

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1120 | **Silk:** 1125 | **Black Layer:** 2070
Planting Rate: 24 - 36,000 Plants per Acre

LG33C30® — 83 RM

VTDoublePRO

LG33C30 performs well across soil types and geographies. Its high yield potential, great roots, and good stalks allow placement on the best soils. The drought tolerance and semi-flex ear is great for placement in the Western Dakotas.

- Drought tolerance is good, as is its fit across many soil types.
- Excellent emergence and root lodging scores.
- Very good tolerance to Goss's Wilt and good late season intactness.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

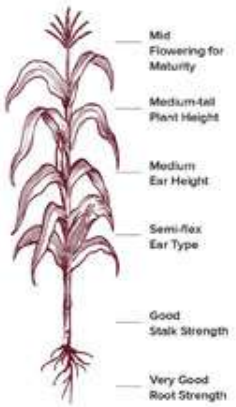
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight		Anthracnose	
S Leaf Blight	--	Southern Rust	--
Gray Leaf Spot		Fungicide Response	Moderate
Goss's Bacterial Wilt		Tar Spot	--
Herbicide Interaction	--		

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1137 | **Silk:** 1126 | **Black Layer:** 2136
Planting Rate: 24 - 36,000 Plants per Acre

LG34C14 — 84 RM

CONVENTIONAL

LG34C14 has good East to West movement in the early maturity regions. Very consistent semi-flex ears with average girth. Best performance has been at higher populations. Because Goss's Wilt rating is average, best use is when Goss's Wilt pressure is low to moderate.

- Good yield potential, especially in stress environments.
- Great emergence and strong early vigor; superior late season intactness with very good stalks.
- Very good NCLB tolerance, average Goss's Wilt. Manage accordingly.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

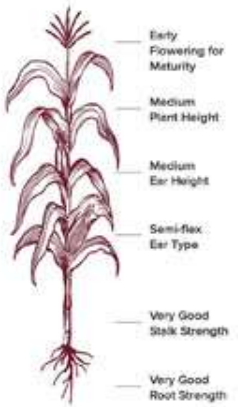
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight		Anthracnose	--
S Leaf Blight	--	Southern Rust	--
Gray Leaf Spot	--	Fungicide Response	Moderate
Goss's Bacterial Wilt		Tar Spot	Moderately Tolerant
Herbicide Interaction	None Noted		

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1121 | **Silk:** 1123 | **Black Layer:** 2128
Planting Rate: 30 - 38,000 Plants per Acre

LG35C41 — 85 RM

VT DoublePRO

LG35C41 is placed best in zone and North. It performs well in many yield environments, including lower yielding areas. This product provides a great commercial look with good staygreen. Superior grain quality and test weight.

- Attractive commercial look with excellent stalks and roots.
- Fits medium-to-high populations best.
- Very good Goss's Wilt rating for Western environments.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

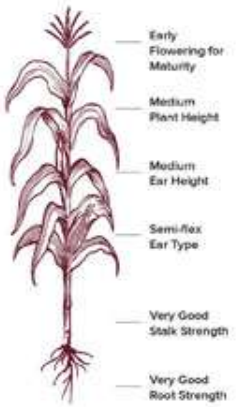
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	--	Anthracnose	--
S Leaf Blight	--	Southern Rust	--
Gray Leaf Spot	--	Fungicide Response	--
Goss's Bacterial Wilt		Tar Spot	Tolerant
Herbicide Interaction	None Noted		

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1115 | **Silk:** 1120 | **Black Layer:** 2155
Planting Rate: 30 - 38,000 Plants per Acre

LG35C79® — 85 RM

VT DoublePRO

LG35C79 excels in high-yielding environments with good fertility; plant at slightly higher populations for best performance. Fungicide could be beneficial to stalks late season.

- Excels in high yielding environments.
- Very good emergence and good lodging scores.
- Strong agronomics to perform across many soil types.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

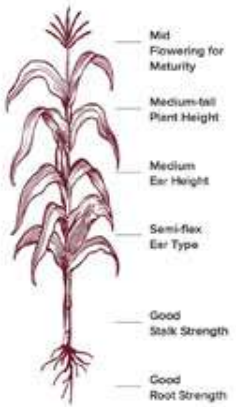
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight		Anthracnose	--
S Leaf Blight	--	Southern Rust	--
Gray Leaf Spot	--	Fungicide Response	Moderate
Goss's Bacterial Wilt		Tar Spot	--
Herbicide Interaction	--		

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1095 | **Silk:** 1091 | **Black Layer:** 2150
Planting Rate: 30 - 36,000 Plants per Acre

LG36C55 — 86 RM

CONVENTIONAL

Very good emergence and early vigor make this product suitable for early planting and no-till environments. Performance is strengthened when yield levels increase. With very good late season plant health and staygreen, LG36C55 is a good dual-purpose product and can be used for grain, high moisture corn, and silage.

- Very high yielding across the Northern growing regions from East to West.
- Very good emergence and early vigor make it a good candidate for early planting.
- Overall good disease package including a strong tolerance to Goss's Wilt and NCLB.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

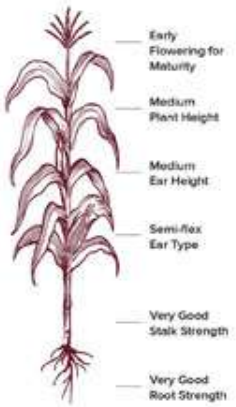
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight		Anthracnose	--
S Leaf Blight	--	Southern Rust	--
Gray Leaf Spot	--	Fungicide Response	--
Goss's Bacterial Wilt		Tar Spot	Moderately Tolerant
Herbicide Interaction	Caution with sulfonylureas		

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1115 | **Silk:** 1121 | **Black Layer:** 2156
Planting Rate: 28 - 36,000 Plants per Acre

LG36C62 — 86 RM

VTDoublePRO

LG36C62 excels across multiple yield environments with great emergence and early vigor. High yield potential is furnished by good standing plants with great fall appearance. Medium textured soils will provide top performance but irrigated sands are handled well.

- Excellent top-end yield potential from medium-tall plants that stand well into the fall.
- Very girthy ears produce quality grain of good test weight.
- Very good to excellent disease characterizations; average response against Goss's Wilt.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

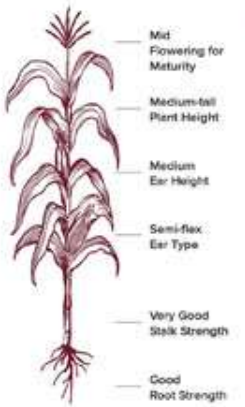
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	
S Leaf Blight	--
Gray Leaf Spot	--
Goss's Bacterial Wilt	
Herbicide Interaction	None Noted
Anthracnose	
Southern Rust	--
Fungicide Response	Moderate
Tar Spot	Moderately Tolerant

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1157 | **Silk:** 1156 | **Black Layer:** 2177
Planting Rate: 30 - 38,000 Plants per Acre

LG36C88® — 86 RM

CONVENTIONAL

LG36C88 is early flowering for its maturity with excellent yield potential. Fits most soil types and best performance requires high populations. Fungicide could be beneficial to stalks late in the season.

- Great no-till option with very good emergence.
- Fits medium to high populations best.
- Very good disease characterizations including Goss's Wilt, solid stress and greensnap tolerance.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

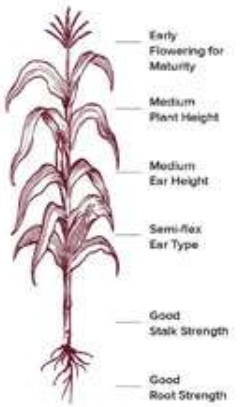
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	
S Leaf Blight	--
Gray Leaf Spot	--
Goss's Bacterial Wilt	
Herbicide Interaction	--
Anthracnose	--
Southern Rust	--
Fungicide Response	Moderate
Tar Spot	--

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1108 | **Silk:** 1109 | **Black Layer:** 2145
Planting Rate: 30 - 38,000 Plants per Acre

LG37C33 — 87 RM

VTDoublePRO

LG37C33 is broadly adapted from East to West. Flowers early for its maturity and performs well North of its adapted zone. Ears have an open, semi-loose husk that aids in fast fall drydown. Performs best at higher populations.

- Good yield data from large, deep kernels. A taller plant with medium-tall ear height.
- Very good late season intactness, fast drydown, and good stalks.
- Very good NCLB tolerance

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

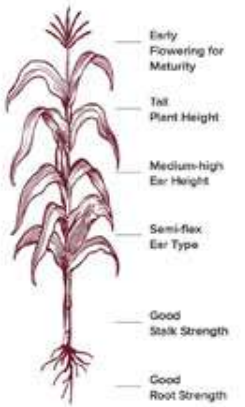
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	
S Leaf Blight	--
Gray Leaf Spot	--
Goss's Bacterial Wilt	
Herbicide Interaction	None Noted
Anthracnose	--
Southern Rust	--
Fungicide Response	--
Tar Spot	Tolerant

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1128 | **Silk:** 1140 | **Black Layer:** 2210
Planting Rate: 30 - 37,000 Plants per Acre

LG38C47 — 88 RM

VTDoublePRO

LG38C47 exhibits stability across variable soils and high yield environments. Excellent emergence and vigor make it a good fit for no-till fields. Great harvest standability comes from excellent stalks and late season plant health.

- Long semi-flex ear type with an open husk.
- Excellent stalks, roots, and late season plant health.
- Excellent Goss's Wilt tolerance with strong Western performance.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

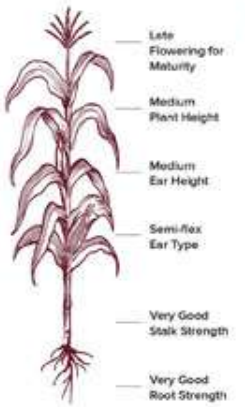
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	
S Leaf Blight	--
Gray Leaf Spot	--
Goss's Bacterial Wilt	
Herbicide Interaction	None Noted
Anthracnose	--
Southern Rust	--
Fungicide Response	Moderate
Tar Spot	Moderately Tolerant

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1163 | **Silk:** 1158 | **Black Layer:** 2215
Planting Rate: 28 - 38,000 Plants per Acre

LG38C48® 88 RM

Roundup Ready 2

LG38C48 has an excellent commercial look. This product features excellent stalks and tall intactness, providing a long harvest window. LG38C48 will respond to higher plant populations; best performance is on productive soils.

- Best performance at medium to high populations.
- Consistent, very large ears.
- Strong NCLB tolerance.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

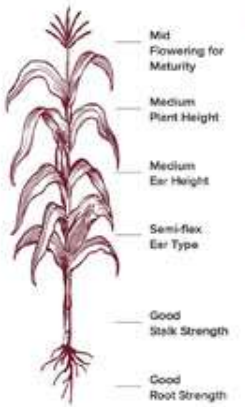
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	
S Leaf Blight	--
Gray Leaf Spot	--
Goss's Bacterial Wilt	
Herbicide Interaction	--
Anthracnose	--
Southern Rust	--
Fungicide Response	Moderate
Tar Spot	--

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1111 | **Silk:** 1137 | **Black Layer:** 2216
Planting Rate: 30 - 38,000 Plants per Acre

LG42C16 92 RM

VT DoublePRO

LG42C16's best performance is on well-drained soils. Semi-flex ear style handles a wide range of populations. With its excellent emergence, LG42C16 adapts to no-till environments. Well-suited to the Western High Plains dryland environments but has the ability to move South of its adapted zone. An excellent option for irrigated acres.

- Great fit for the Western Corn Belt with top-end yields and average test weight.
- Medium-tall plant stature with strong emergence and good stalks and roots; very good greensnap rating.
- Very good Goss's Wilt and NCLB tolerance.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

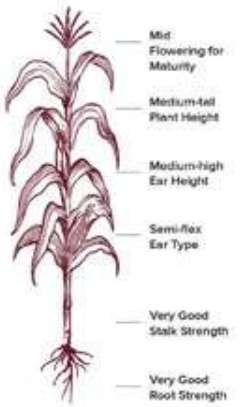
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	
S Leaf Blight	--
Gray Leaf Spot	--
Goss's Bacterial Wilt	
Herbicide Interaction	None Noted
Anthracnose	--
Southern Rust	--
Fungicide Response	High
Tar Spot	Susceptible

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1248 | **Silk:** 1224 | **Black Layer:** 2352
Planting Rate: 24 - 36,000 Plants per Acre

LG42C37 92 RM

Duracade Viptera | Viptera

Position LG42C37 in high yield environments at medium to medium-high planting populations. Best placed in optimal soil situations that aid in root development. Excellent stalk strength will help in the event of a delayed harvest.

- Top-end yields produced by a medium-tall plant when planted at moderate populations.
- Strong emergence and early vigor produce plants that feature excellent stalk quality at harvest.
- Excellent Goss's Wilt tolerance.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

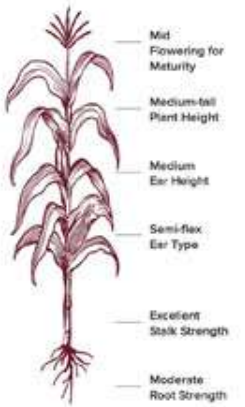
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	
S Leaf Blight	--
Gray Leaf Spot	--
Goss's Bacterial Wilt	
Herbicide Interaction	None Noted
Anthracnose	--
Southern Rust	--
Fungicide Response	Moderate
Tar Spot	Moderately Tolerant

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1240 | **Silk:** 1240 | **Black Layer:** 2340
Planting Rate: 24 - 36,000 Plants per Acre

LG42C80® 92 RM

VT DoublePRO

Excellent emergence and vigor. Top notch leaf disease package against most corn leaf diseases, including above average tolerance to Tar Spot.

- Very good commercial look.
- Upright leaf orientation allows for medium-to-high planting populations.
- Excellent root lodging notes.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

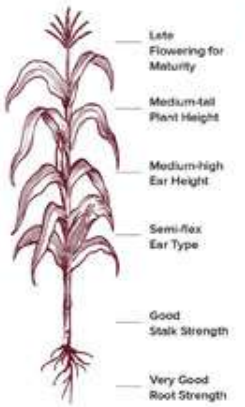
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	
S Leaf Blight	--
Gray Leaf Spot	
Goss's Bacterial Wilt	
Herbicide Interaction	--
Anthracnose	
Southern Rust	--
Fungicide Response	Moderate
Tar Spot	Moderately Susceptible

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1211 | **Silk:** 1227 | **Black Layer:** 2345
Planting Rate: 30 - 36,000 Plants per Acre

LG44C27

94 RM

SmartStax | VTDoublePRO

LG44C27 has shown the ability to handle stress and perform well under lower populations and across a wide range of yield environments. Its tall, robust plants have excellent standability and are broadly adapted to all soil types. Fungicides recommended when planting in continuous corn.

- Very high yield potential and outstanding data against commercial checks.
- A semi-flex ear type with very good test weight and excellent drydown.
- Offers excellent agronomics and good late season intactness when positioned in its adapted maturity.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

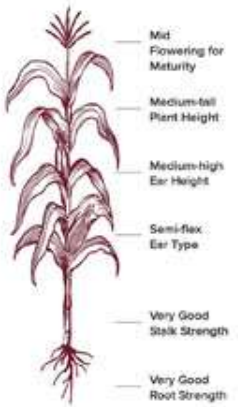
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	--	Anthracnose	
S Leaf Blight	--	Southern Rust	--
Gray Leaf Spot		Fungicide Response	High
Goss's Bacterial Wilt		Tar Spot	Moderately Tolerant
Herbicide Interaction	Pigment inhibitors not recommended		

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1340 | **Silk:** 1220 | **Black Layer:** 2380
Planting Rate: 28 - 38,000 Plants per Acre

LG45C94

95 RM

VTDoublePRO

LG45C94 possesses a wide range of adaptability with solid performance in higher fertility and higher management situations. It is a great option for both dryland and irrigated acres, as well as no-till planting situations. Scout and manage in heavy Northern Corn Leaf Blight and Tar Spot pressured areas. Best placed in zone and North.

- Long semi-flex ears with long husk cover and high test weight grain.
- Able to handle a wide range of soil types and population tolerances.
- Very strong Goss's Wilt rating.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

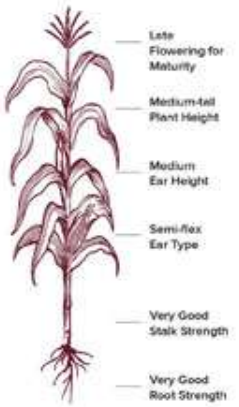
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight		Anthracnose	
S Leaf Blight	--	Southern Rust	--
Gray Leaf Spot	--	Fungicide Response	High
Goss's Bacterial Wilt		Tar Spot	Susceptible
Herbicide Interaction	None Noted		

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1220 | **Silk:** 1225 | **Black Layer:** 2440
Planting Rate: 26 - 36,000 Plants per Acre

LG5427

95 RM

VTDoublePRO

LG5427 handles drought and stress conditions and responds well to good management practices. Maintain medium-high to higher populations for best performance.

- Great yield performance and consistency across environments.
- Strong emergence and early vigor produce plants that have resilient stalks and good staygreen in the fall.
- Very good disease characterizations; including tolerance to Goss's Wilt.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

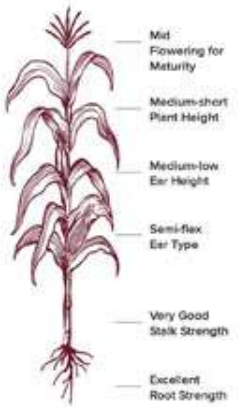
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight		Anthracnose	
S Leaf Blight		Southern Rust	--
Gray Leaf Spot		Fungicide Response	High
Goss's Bacterial Wilt		Tar Spot	Susceptible
Herbicide Interaction	None Noted		

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1258 | **Silk:** 1239 | **Black Layer:** 2422
Planting Rate: 28 - 36,000 Plants per Acre

LG46C24®

96 RM

Duracade Viptera

Position LG46C24 in high yield potential situations. This hybrid can handle difficult emergence situations on cold and wet soils and could be used as a silage product in Corn Rootworm areas.

- Consistent high yield across the Corn Belt.
- Excellent emergence in cold soils or no-till.
- Great option for Corn Rootworm areas.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

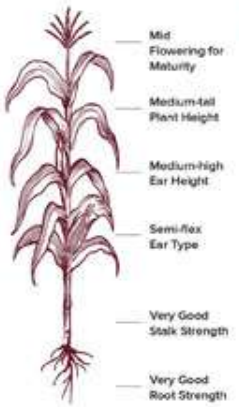
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	--	Anthracnose	--
S Leaf Blight	--	Southern Rust	
Gray Leaf Spot	--	Fungicide Response	Moderate
Goss's Bacterial Wilt		Tar Spot	Moderately Tolerant
Herbicide Interaction	None Noted		

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1277 | **Silk:** 1250 | **Black Layer:** 2460
Planting Rate: 30 - 38,000 Plants per Acre

LG46C57® 96 RM

CONVENTIONAL

LG46C57 has a great leaf disease package, including Tar Spot. Good against Gibberella with the husk just covering the tip of the ear, the product performs well in multiple yield environments. Flowers late for a 96-day maturity but makes up for it with excellent drydown.

- Top-end yield with a strong agronomic package.
- Good emergence and early vigor.
- Very good against most leaf diseases.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

MANAGEMENT

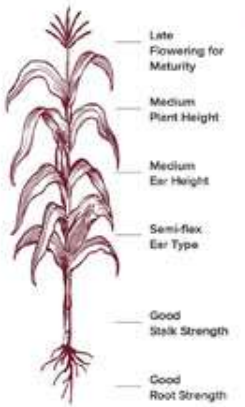
Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	
S Leaf Blight	--
Gray Leaf Spot	
Goss's Bacterial Wilt	
Herbicide Interaction	--

Anthracnose	
Southern Rust	--
Fungicide Response	Moderate
Tar Spot	Moderately Tolerant

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1283 | **Silk:** 1296 | **Black Layer:** 2450
Planting Rate: 28 - 36,000 Plants per Acre

LG46C73 96 RM

VT DoublePRO

LG46C73's strong emergence and plant vigor allow for early planting or reduced tillage. Very good drought tolerance for performance on tough soils. Can be used in the High Plains dryland environments. Planted early or late, LG46C73 will stand well into the fall for harvest. Fungicides are recommended when planting in continuous corn.

- Very high yield potential product that can also perform well across Western dryland acres.
- Girthy, semi-flex ears with an open husk that aids drydown in the fall.
- Superior plant health and disease tolerances with Goss's Wilt protection. Conveys very good tolerance to ASR.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

MANAGEMENT

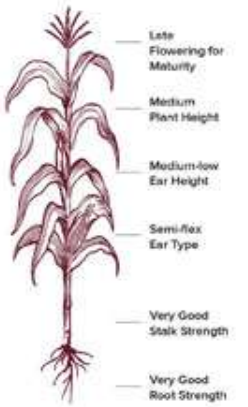
Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	
S Leaf Blight	--
Gray Leaf Spot	--
Goss's Bacterial Wilt	
Herbicide Interaction	None Noted

Anthracnose	
Southern Rust	--
Fungicide Response	Low
Tar Spot	Moderately Susceptible

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1274 | **Silk:** 1285 | **Black Layer:** 2454
Planting Rate: 26 - 36,000 Plants per Acre

LG47C77 97 RM

SmartStax® VT DoublePRO

Good ear flex allows LG47C77's use in low to moderate populations to maximize performance. Goss's Wilt tolerance is average, use caution in heavy Goss's Wilt regions. The SmartStax® trait version conveys very good tolerance to ASR. Average emergence and vigor, so use caution in cool soil environments.

- Impressive yield performance at all yield levels, including lower yield environments.
- Medium height, medium ear insertion of average grain quality, with very good standability.
- Overall has very good leaf disease characteristics, including good tolerance ratings to Tar Spot and Physoderma.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

MANAGEMENT

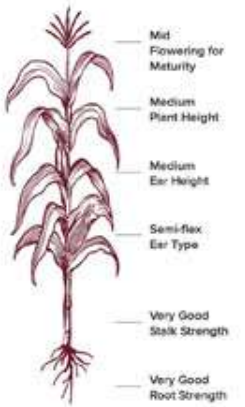
Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	
S Leaf Blight	--
Gray Leaf Spot	
Goss's Bacterial Wilt	
Herbicide Interaction	Manage pigment inhibitors

Anthracnose	
Southern Rust	--
Fungicide Response	Moderate
Tar Spot	Moderately Susceptible

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1240 | **Silk:** 1240 | **Black Layer:** 2462
Planting Rate: 27 - 38,000 Plants per Acre

LG5465 97 RM

VT DoublePRO

Excelling at medium to medium-high populations, LG5465 performs at a high level across all soils, East to West, with very good Southern movement. Fungicides are recommended when planting corn-on-corn.

- Strong agronomics, high yield potential. Medium height plants stand well for harvest.
- Moderately girthy semi-flex ears with high test weight grain; complete husk cover flares open to aid drydown.
- Superior tolerance for NCLB and ASR; average ratings for GLS and Goss's Wilt.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

MANAGEMENT

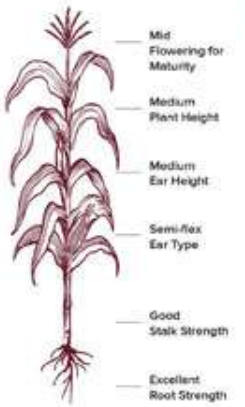
Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

N Leaf Blight	
S Leaf Blight	--
Gray Leaf Spot	
Goss's Bacterial Wilt	
Herbicide Interaction	None Noted

Anthracnose	
Southern Rust	--
Fungicide Response	High
Tar Spot	Susceptible

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1271 | **Silk:** 1257 | **Black Layer:** 2467
Planting Rate: 28 - 38,000 Plants per Acre

LG48C32® 98 RM

SmartStax PRO

LG48C32 offers strong performance in high and low yield environments. A top-notch option for corn-on-corn with the SmartStax® PRO RIB Complete® trait that uses RNAi technology. Good against most leaf diseases but average for Tar Spot.

- Top-end yield in multiple zones.
- Excellent root lodging scores.
- Manage for Tar Spot.

CHARACTERISTICS

Early Vigor	■
Greensnap	■
Drydown	■
Staygreen	■
Drought Tolerance	■
Test Weight	■
Harvest Appearance	■

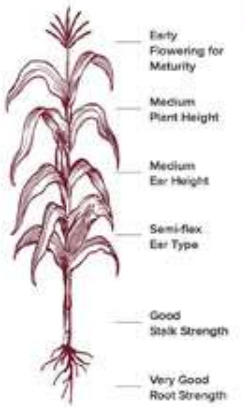
MANAGEMENT

Low Populations	■
Med Populations	■
High Populations	■
Marginal Soil	■
Productive Soil	■
Continuous Corn	■
Adapt to No-Till	■

DISEASE TOLERANCE

N Leaf Blight	■
S Leaf Blight	--
Gray Leaf Spot	■
Goss's Bacterial Wilt	■
Herbicide Interaction	--
Anthracnose	■
Southern Rust	--
Fungicide Response	High
Tar Spot	Moderately Susceptible

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1267 | **Silk:** 1287 | **Black Layer:** 2479
Planting Rate: 30 - 38,000 Plants per Acre

LG48C87® 98 RM

VT DoublePRO CONVENTIONAL

LG48C87 has excellent ability to produce in various yield environments as well as South of its intended maturity zone. Planting populations can be altered due to ear-flex. Fungicides are recommended in disease-prone and high yield environments.

- High yielding hybrid across soil types and yield environments at maturity.
- Semi-flex ear with consistency down the row.
- Solid agronomic package with good movement from East to West.

CHARACTERISTICS

Early Vigor	■
Greensnap	■
Drydown	■
Staygreen	■
Drought Tolerance	■
Test Weight	■
Harvest Appearance	■

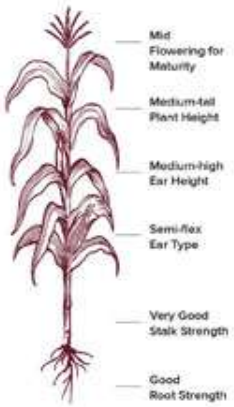
MANAGEMENT

Low Populations	■
Med Populations	■
High Populations	■
Marginal Soil	■
Productive Soil	■
Continuous Corn	■
Adapt to No-Till	■

DISEASE TOLERANCE

N Leaf Blight	■
S Leaf Blight	--
Gray Leaf Spot	■
Goss's Bacterial Wilt	■
Herbicide Interaction	--
Anthracnose	■
Southern Rust	--
Fungicide Response	High
Tar Spot	Moderately Tolerant

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1240 | **Silk:** 1260 | **Black Layer:** 2460
Planting Rate: 26 - 36,000 Plants per Acre

LG49C28 99 RM

VT DoublePRO CONVENTIONAL

Best performance for LG49C28 is at moderate to higher populations and on productive soils. It will respond to higher management, as it was a top performer in high yield environments. Field observations indicate a high tolerance to Bacterial Leaf Streak and Physoderma Stalk Rot.

- Top performance in high yield environments.
- Large kernels provide good grain quality and high test weight.
- Very good emergence and early vigor; flowers early for its maturity.

CHARACTERISTICS

Early Vigor	■
Greensnap	■
Drydown	■
Staygreen	■
Drought Tolerance	■
Test Weight	■
Harvest Appearance	■

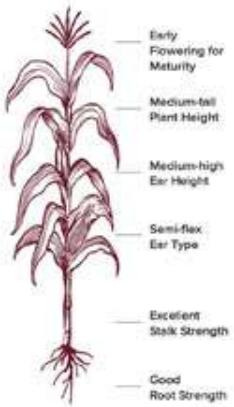
MANAGEMENT

Low Populations	■
Med Populations	■
High Populations	■
Marginal Soil	■
Productive Soil	■
Continuous Corn	■
Adapt to No-Till	■

DISEASE TOLERANCE

N Leaf Blight	■
S Leaf Blight	--
Gray Leaf Spot	■
Goss's Bacterial Wilt	■
Herbicide Interaction	None Noted
Anthracnose	■
Southern Rust	■
Fungicide Response	High
Tar Spot	Moderately Tolerant

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1280 | **Silk:** 1270 | **Black Layer:** 2490
Planting Rate: 28 - 36,000 Plants per Acre

LG49C62 99 RM

Trecepta

With broad adaptation across the Northern Corn Belt, LG49C62 can be used North and South. The Trecepta® trait package provides outstanding above-ground insect protection. Maintain medium to medium-high populations for optimal performance.

- Top-end yields in ideal yield environments from medium height, very attractive plants.
- Very good emergence and early vigor, fast drydown for efficient harvest, and good standability.
- In addition to strong Goss's Wilt and greensnap scores, good tolerance to NCLB and Anthracnose Stalk Rot.

CHARACTERISTICS

Early Vigor	■
Greensnap	■
Drydown	■
Staygreen	■
Drought Tolerance	■
Test Weight	■
Harvest Appearance	■

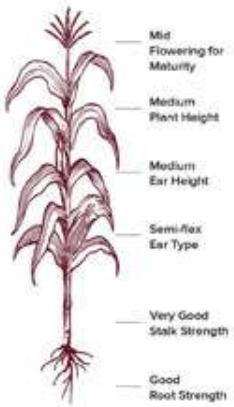
MANAGEMENT

Low Populations	■
Med Populations	■
High Populations	■
Marginal Soil	■
Productive Soil	■
Continuous Corn	■
Adapt to No-Till	■

DISEASE TOLERANCE

N Leaf Blight	■
S Leaf Blight	--
Gray Leaf Spot	■
Goss's Bacterial Wilt	■
Herbicide Interaction	None Noted
Anthracnose	■
Southern Rust	--
Fungicide Response	Moderate
Tar Spot	Susceptible

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1275 | **Silk:** 1260 | **Black Layer:** 2472
Planting Rate: 24 - 34,000 Plants per Acre

LG51C62

101 RM

VTDoublePRO CONVENTIONAL

Best performance for LG51C62 is at moderate to higher populations; features consistent sized ears. Best placed in optimal soil situations that aid in root development.

- Highly competitive yield potential from ears that have a semi-open husk at drydown.
- Medium length ears with limited flex produce quality grain of average test weight.
- Very good plant health with very good tolerance to greensnap and good staygreen.

CHARACTERISTICS

Early Vigor	
Greensnap	
Drydown	
Staygreen	
Drought Tolerance	
Test Weight	
Harvest Appearance	

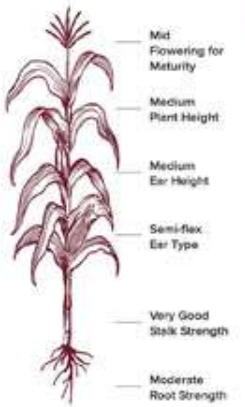
MANAGEMENT

Low Populations	
Med Populations	
High Populations	
Marginal Soil	
Productive Soil	
Continuous Corn	
Adapt to No-Till	

DISEASE TOLERANCE

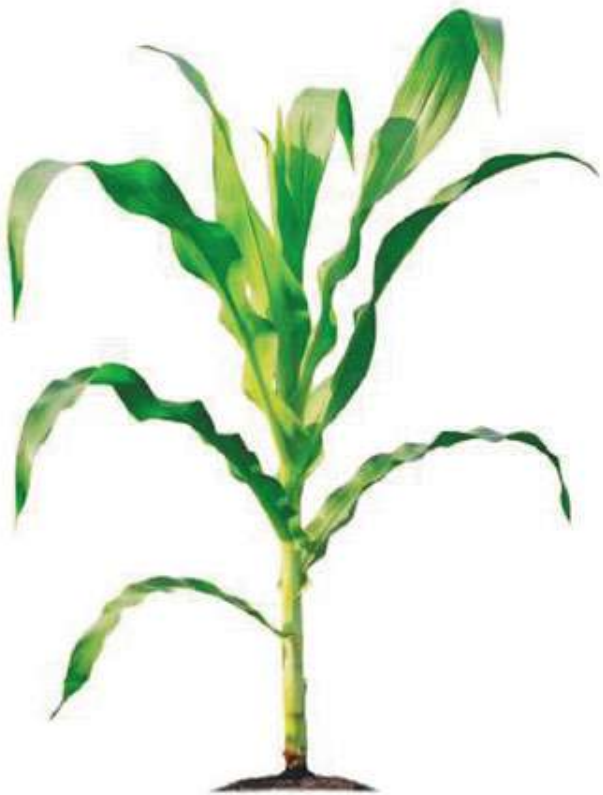
N Leaf Blight		Anthracnose	
S Leaf Blight	--	Southern Rust	--
Gray Leaf Spot		Fungicide Response	High
Goss's Bacterial Wilt		Tar Spot	Moderately Tolerant
Herbicide Interaction	None Noted		

● Excellent ● Very Good ● Good ● Moderate



NOTES

Growing Degree Days (GDD)
Pollen: 1204 | **Silk:** 1281 | **Black Layer:** 2531
Planting Rate: 26 - 34,000 Plants per Acre



SOYBEAN VARIETIES 2023-2024

RELENTLESS SOYBEAN SEED PROTECTION

Plant with confidence knowing you've chosen a safe, professional-grade seed treatment system for your soybeans. AgriShield® seed treatment is backed by proven performance that provides top-of-the-line protection against insects, nematodes and seedling diseases. No matter the challenge, AgriShield® is always on.

AgriShield® PLUS

AgriShield® PLUS provides enhanced plant vigor from a powerful combination of fungicides and insecticides. It delivers protection from a wide variety of above- and below-ground insects. It defends against major soil- and seed-borne diseases as well as promotes emergence.

AgriShield® MAX

This treatment enhances your yield potential by maximizing your protection against all major insects and diseases, including two of the most significant contributors to soybean yield losses: Sudden Death Syndrome (SDS) and nematodes.

Saltro® seed treatment is the latest technology advancement that protects the root system by providing superior protection against SDS (Fusarium virguliforme) and nematodes while reducing stress on the plant.

AGRISHIELD® PLUS — Fungicide + Insecticide

AGRISHIELD® MAX W/SALTRO® — Fungicide + Insecticide with Saltro® and Inoculant

FUNGICIDES

Five fungicides for disease-fighting protection against:

- Early-Season Phytophthora
- Pythium
- Rhizoctonia
- Fusarium
- White Mold or Seed-Borne Sclerotinia
- Seed-Borne Phomopsis

+INSECTICIDES

Maximized protection against all major insects:

- Aphid
- Bean Leaf Beetle
- Grape Colaspis
- Leafhopper
- Seedcorn Maggot
- Thrips
- White Grub
- Wireworm

+NEMATICIDES

Protection from a wide range of nematode species.

+NITROGEN FIXATION

200-plus day inoculant that helps increase nodule development, providing more opportunity for additional nitrogen fixation.

SOYBEAN LEGEND

AGRONOMIC CHARACTERISTICS

Relative Maturity (RM)
Based on physiological maturity and harvest moisture.

Emergence
Rating based on speed of emergence and length of the hypocotyl. Longest marker indicates a soybean with quick emergence and a long hypocotyl.

Early Vigor
Early development after emergence is important for seedling establishment and early vegetative growth of soybean.

Standability
Lodging resistance scores are taken at maturity. Longest marker means all plants are erect. Shortest marker means all plants are flat.

Shattering
Visual evaluation of the number of open pods three to four weeks after maturity. Longest marker means no shattering. Shortest marker means 50% or greater shattering.

Adaptation to No-Till
Because soils that are no-till planted are often colder and wetter, this rating is closely related to emergence and early growth. Longest marker indicates excellent emergence and early vigor in no-till environments.

Salt Excluder
Have a gene specific to handling excess amounts of sodium chloride, storing any extra chloride in the roots of the plant.

Sulfonylurea Tolerance
Exhibits more tolerance to certain ALS herbicides than conventional soybeans and are used as an alternative weed control option or for planting in a field with residual ALS herbicides.

PLANT CHARACTERISTICS

Plant Height
Short, Medium-Short, Medium, Medium-Tall, or Tall.

Plant Type
The amount of branching at lower nodes of the stem: Thin-Line, Medium, Medium-Bush, or Bush.

Pubescence Color
Color of the plant at harvest.

Flower Color
Color of the flower during bloom.

Hilum Color
Color of the area of the seed that attaches to the seed pod wall.

Pod Color
Color of the pod at harvest.

PLANT HEALTH

Phytophthora Field Tolerance
Varieties susceptible to Phytophthora Root Rot are not all damaged to the same degree. Highly tolerant varieties grow and produce good yields once past the seedling stage. Longer markers indicate higher tolerance.

Phytophthora Race Resistance
None = No specific race resistance.

Rps1a denotes resistance to Races 1, 2, 10, 11, 13-18, 24, 26, 27, 31, 32, and 36.

Rps1c denotes resistance to Races 1-3, 6-11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, and 36.

Rps1k denotes resistance to Races 1-11, 13-15, 17, 18, 21-24, 26, 36, and 37.

Rps3a denotes resistance to Races 1, 2, 5, 8, 9, and others.

Brown Stem Rot
Longer markers indicate resistance. Medium markers are tolerant and the shortest marker indicates susceptibility.

Soybean Cyst Nematode Resistance
Resistance source specified within each product.

Iron Deficiency Chlorosis
Longer markers indicate higher ratings. Medium markers indicate an acceptable rating, even in moderately severe conditions.

Sclerotinia White Mold Tolerance
Longer markers indicate higher ratings. Medium markers indicate an acceptable rating, even in moderately severe conditions.

Sudden Death Syndrome
Longer markers indicate higher ratings. Medium markers indicate an acceptable rating, even in moderately severe conditions.

Frogeye Leaf Spot
Longer markers indicate higher ratings. Medium markers indicate an acceptable rating, even in moderately severe conditions.

Charcoal Rot
Longer markers indicate higher ratings. Medium markers indicate an acceptable rating, even in moderately severe conditions.

Stem Canker
Longer markers indicate higher ratings. Medium markers indicate an acceptable rating, even in moderately severe conditions.

PREFERRED PLACEMENT ZONE

Preferred Placement Zones represent the best areas of adaptation for a product based on in-field observations, genetic background, and trial data. Products may fit within only a portion of a zone, and products may perform well in other areas not identified. Contact your sales team for details.

CHARACTERISTIC INDICATORS

To help you find varieties with the characteristics you value, look for these icons:

- New
- Phytophthora Root Rot Tolerance
- Strong Disease Tolerance
- Positive Emergence/No-Till Performance
- Stress/Drought Tolerance
- Yield Performance
- Standability
- IDC Tolerance/Management Tip
- Harvest Appearance
- Sulfonylurea Tolerance
- Salt Excluder

PRODUCT RATINGS

Soybean varieties with the same resistance genes may perform differently because of different levels of field tolerance. Scores and characteristics are assigned by LG Seeds based on comparisons with similar maturity LG Seeds products through internal field testing. Performance may vary from location to location and from year to year, as local growing, soil, and weather conditions may vary. Farmers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on their fields.

HIGH VALUE OF NEW BRANDED SEED

Latest technology
- Highest yielding soybean technology available
- Leading seed treatment choices

Customer service
- Dealer agronomic support before and after the sale
- Replant policy support
- Convenient packaging and delivery

Reliable germination and quality
- Rigorously tested for quality and meets U.S. Federal Seed Act requirements
- Free of seed-borne diseases
- Properly stored and conditioned

TRAIT VERSIONS

This table contains the value-added trait versions currently offered for soybeans:

CONVENTIONAL	Indicates a conventional (non-traited) product
XtendFlex®	XtendFlex® soybean
Roundup Ready 2 Xtend®	Roundup Ready 2 Xtend® soybean
Enlist E3®	Enlist E3® soybean

HERBICIDE CHOICES

With the herbicide choices available in the U.S. market, careful planning and attention to labels is more important than ever when selecting and managing herbicide-tolerant soybeans.

	Roundup Ready 2 Xtend®	XtendFlex®	Enlist E3®
Roundup® (glyphosate)	✓	✓	✓
Liberty Link® (glufosinate)	Not Compatible	✓	✓
Dicamba*	✓	✓	Not Compatible
2,4-D**	Not Compatible	Not Compatible	✓

*Approved for dicamba formulations. **Approved 2,4-D formulations.

SEED PIRACY DOESN'T PAY

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

LGS00719XF® 0.07 RM

TENDFLEX SOYBEANS

LGS00719XF works great in narrow rows. Its excellent vigor and emergence make this soybean a good fit for no-till acres. Place on non-IDC soils for best performance, given its average tolerance to IDC. Avoid Soybean Cyst Nematode fields as there is no SCN gene.

- High-yield potential across many soil types.
- Excellent emergence and vigor for no-till soils.
- Excellent tolerance to Brown Stem Rot and White Mold. Rps1c, along with excellent field tolerance, means maximum performance against PRR.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

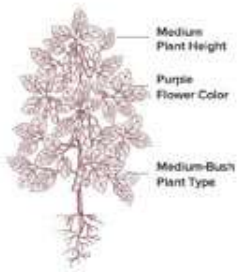
MANAGEMENT

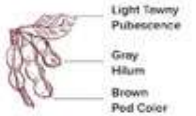
Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	None
Frogeye Leaf Spot	
Brown Stem Rot	
Charcoal Rot	--
Stem Canker	
Phytophthora Race Resist	Rps1c
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate





NOTES

LGS00820XF® 0.08 RM

TENDFLEX SOYBEANS

LGS00820XF performs well across North Dakota, the Red River Valley regions and throughout Northern Minnesota. Provides a great agronomic package and adapts to varying soil types. Holds its height in stress environments. Excellent performance in no-till situations in all row spacings.

- Top yield through its maturity zone.
- Medium-tall plant height and above average plant standability.
- Excellent emergence and early vigor for no-till situations.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

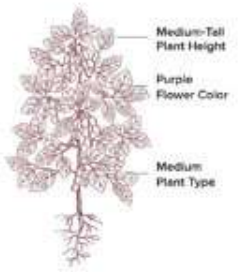
MANAGEMENT

Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	MI1, MM4
Frogeye Leaf Spot	--
Brown Stem Rot	
Charcoal Rot	--
Stem Canker	--
Phytophthora Race Resist	None
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate



NOTES

LGS00838XF 0.08 RM

TENDFLEX SOYBEANS

LGS00838XF provides very strong IDC tolerance through the Red River Valley. Strong emergence and standability allow utilization on many soil types and planting scenarios.

- High-yield potential furnished by a medium statured plant.
- Standability and shatter resistance are strong.
- Resistance to SCN along with very good IDC and PRR ratings.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

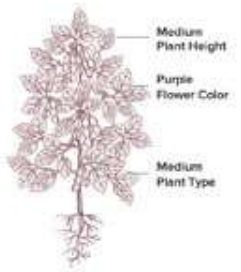
MANAGEMENT

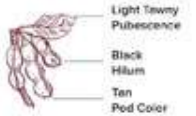
Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	MI1, MM4
Frogeye Leaf Spot	--
Brown Stem Rot	--
Charcoal Rot	--
Stem Canker	--
Phytophthora Race Resist	Rps1c
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	--

● Excellent ● Very Good ● Good ● Moderate





NOTES

LGS00901E3® 0.09 RM

LGS00901E3 yields very well on productive soil, and the yield holds up on tougher soils. This is a true go-anywhere type of soybean. Poorly drained soils are covered with Rps3a PRR tolerance and great PRR field tolerance. A very good IDC rating will allow placement on some of the hottest soils.

- Top-end yield on many acres.
- Very good IDC rating allows placement across soil types.
- Rps3a and great field tolerance against PRR.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

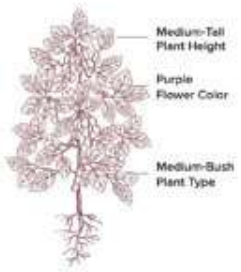
MANAGEMENT

Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	MI1, MM4
Frogeye Leaf Spot	--
Brown Stem Rot	
Charcoal Rot	
Stem Canker	
Phytophthora Race Resist	Rps3a
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate



NOTES

LGS0105E3® 0.1 RM

Strong stress tolerance allows LGS0105E3 to excel in low-yield environments while a great disease package allows this product to have strong performance on highly productive acres. LGS0105E3 has an intermediate plant structure that is best suited to narrower rows.

- Consistent performance across both high and low-yield environments.
- Great emergence and standability.
- SCN resistance, good IDC tolerance, Rps3a PRR gene, and good BSR resistance.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	--
Salt Excluder	No

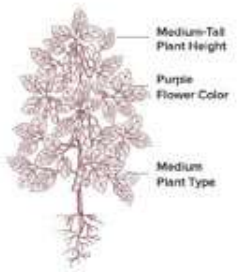
MANAGEMENT

Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	R3, MM14
Frogeye Leaf Spot	--
Brown Stem Rot	
Charcoal Rot	
Stem Canker	
Phytophthora Race Resist	Rps1a
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate



NOTES

LGS0111RX 0.1 RM

ROUNDUP READY 2 XTEND SOYBEANS

LGS0111RX is adaptable to varying soil types and holds its height in stress environments. It provides excellent performance under reduced tillage situations and in all row spacings.

- Offers superior agronomics and is a key product in this maturity.
- A taller, thin-line plant style that handles Northern soils well.
- Resistance to Phytophthora Root Rot coupled with strong IDC, BSR, and WM tolerances.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

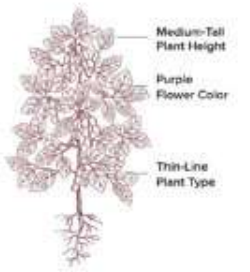
MANAGEMENT

Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	None
Frogeye Leaf Spot	--
Brown Stem Rot	
Charcoal Rot	--
Stem Canker	--
Phytophthora Race Resist	Rps1c
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate



NOTES

LGS0125XF® 0.1 RM

XTENDFLEX SOYBEANS

Great PRR and SCN resistance make LGS0125XF a good option to place on your most productive soils where IDC isn't an issue. Strong emergence and vigor are great for those no-till acres.

- Taller product with very good lateral branching, allowing placement across row widths.
- Average IDC and WM.
- Rps1c with very good field tolerance along with very good BSR resistance.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

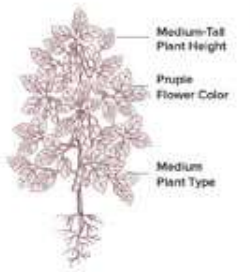
MANAGEMENT

Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	R
Frogeye Leaf Spot	--
Brown Stem Rot	
Charcoal Rot	--
Stem Canker	--
Phytophthora Race Resist	Rps1c
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate



NOTES

LGS0139XF® 0.1 RM

XTENDFLEX SOYBEANS

Place LGS0139XF across the Northern U.S. on a lot of different soil types. It has the IDC and PRR to go in poorly drained soils. It has above-average SWM and will maintain its height at harvest to perform West across the North. Watch high use of Metribuzin.

- Rps1c phytophthora resistance with good field tolerance.
- Solid IDC scores and above-average White Mold score.
- Use caution when applying high rates of Metribuzin.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	--
Salt Excluder	No

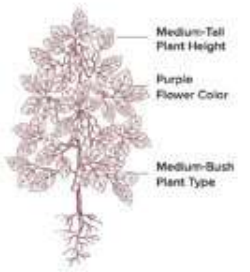
MANAGEMENT

Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	R3, MM14
Frogeye Leaf Spot	--
Brown Stem Rot	
Charcoal Rot	--
Stem Canker	--
Phytophthora Race Resist	Rps1c
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate



NOTES

LGS0323E3® 0.3 RM

LGS0323E3 adds excellent yield and agronomic improvements to the 0.3 lineup. LGS0323E3 is best placed in Northern geographies. This product handles IDC, SWM, and PRR areas and is enhanced with salt tolerance.

- Solid yield with a complete agronomic package.
- Very strong IDC rating and is a salt excluder.
- Strong SWM tolerance.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	Yes

MANAGEMENT

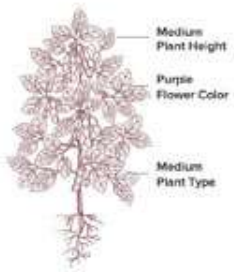
Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	1E1, MM4
Frogeye Leaf Spot	--
Brown Stem Rot	--
Charcoal Rot	
Stem Canker	

Phytophthora Race Resist	1[rps]c,1a
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate



NOTES

LGS0405E3® 0.4 RM

LGS0405E3 provides an excellent option for Northern geographies and offers Peking resistance to Soybean Cyst Nematodes. It also offers good tolerance to SWM and IDC.

- Solid yield performance against competitive checks.
- Peking-premium Soybean Cyst Nematode tolerance.
- Good SWM, BSR, and IDC tolerance.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

MANAGEMENT

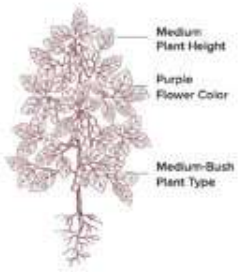
Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	Peking
Frogeye Leaf Spot	
Brown Stem Rot	
Charcoal Rot	--
Stem Canker	

Phytophthora Race Resist	1[rps]c
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate



NOTES

LGS0444XF® 0.4 RM

TENDFLEX SOYBEANS

LGS0444XF provides producers with an enhanced agronomic package - improved disease scores, wide adaptability, and great emergence - that allow it to be planted across portions of the US.

- Medium-tall plant height and medium-bush plant type allows LGS0444XF to excel in any row spacing.
- Metribuzin sensitivity is a caution.
- Good emergence and disease tolerance make it adaptable to many environments.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	--
Salt Excluder	No

MANAGEMENT

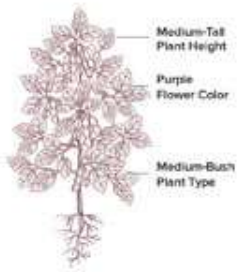
Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

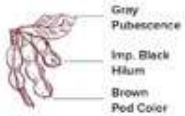
DISEASE TOLERANCE

Cyst Nematode Resist	1E1, MM4
Frogeye Leaf Spot	--
Brown Stem Rot	
Charcoal Rot	--
Stem Canker	--

Phytophthora Race Resist	1[rps]c
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate





NOTES

LGS0550E3 0.5 RM

LGS0550E3 has robust agronomics that make it a fit across multiple soil types and environments with a medium-bush plant type that fits planting in any row width. Manage for White Mold as it has an average rating.

- Medium-bush plant and a high-yielder.
- Strong IDC score.
- Great field tolerance for PRR.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

MANAGEMENT

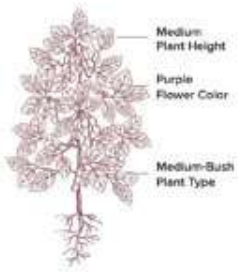
Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	1E1, MM4
Frogeye Leaf Spot	--
Brown Stem Rot	
Charcoal Rot	
Stem Canker	

Phytophthora Race Resist	1[rps]c,1a
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate



NOTES

LGS0701XF 0.7 RM

XTENDFLEX SOYBEANS

Handles medium to medium-high pH soils. WM tolerance allows for flexibility in placement. Good stress tolerance allows for placement on lighter, coarser soil types. Maturity leans toward the early side of 0.7. Reduce populations slightly in narrow rows.

- Medium plant height with medium width that does well in its maturity zone.
- Very good emergence, along with good IDC and WM scores.
- SCN and BSR resistant; Rps3a resistance to Phytophthora Root Rot will handle heavier, wetter soils. Also resistant to Stem Canker.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

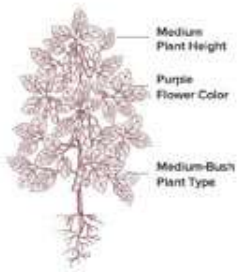
MANAGEMENT

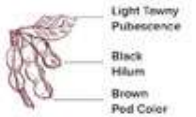
Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	R3, MM4
Frogeye Leaf Spot	--
Brown Stem Rot	
Charcoal Rot	--
Stem Canker	
Phytophthora Race Resist	Rps1a
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate





NOTES

LGS0822E3 0.8 RM

Enlist E3 SOYBEANS

A consistent-performing product that is adaptable to variable soils for broad placement across its maturity zone. Holds its height in stress and offers excellent performance under reduced tillage and in all row spacings. Moderate populations are recommended in fields with a history of White Mold.

- Solid, consistent, high-yield performance across the Northern Corn Belt.
- Medium-tall plants that are broadly adapted to many soil types and have excellent emergence for no-till adaptation.
- Double stack with both Rps1c and Rps3a genes gives very good field tolerance to PRR.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

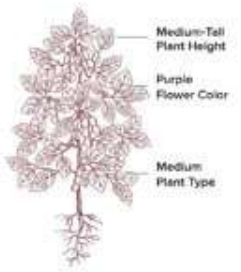
MANAGEMENT

Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	R3, MM4
Frogeye Leaf Spot	--
Brown Stem Rot	--
Charcoal Rot	--
Stem Canker	
Phytophthora Race Resist	Rps1c, Rps3a
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	--
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate



NOTES

LGS0988XF 0.9 RM

XTENDFLEX SOYBEANS

This product has good tolerance to SDS, IDC, PRR, SCN, and White Mold, allowing for broad acre placement in the upper Midwest. LGS0988XF can be used from East to West with excellent results. Great stress tolerance in both drought and poorly drained environments.

- Uniform emergence and harvest appearance.
- SDS tolerance is very good.
- Very good IDC and White Mold tolerance.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	--
Salt Excluder	No

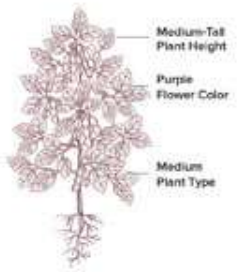
MANAGEMENT

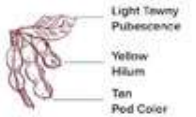
Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	MK1, MM4
Frogeye Leaf Spot	--
Brown Stem Rot	--
Charcoal Rot	--
Stem Canker	
Phytophthora Race Resist	Rps1c
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate





NOTES

LGS1043E3® 1 RM

Enlist E3 SOYBEANS

LGS1043E3 provides excellent emergence with consistent performance in drought-prone or saturated soils. Solid PRR and BSR ratings.

- Emergence and early vigor make it great for early planting.
- Very good emergence and standability.
- Solid PRR scores make it a great no-till option.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

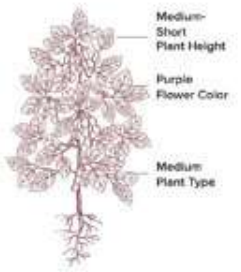
MANAGEMENT

Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	R3, MM4
Frogeye Leaf Spot	
Brown Stem Rot	
Charcoal Rot	--
Stem Canker	
Phytophthora Race Resist	Rps1c, Rps3a
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate



NOTES

LGS1203E3 — 1.2 RM

A key product with broad adaptation across a variety of soil conditions and environments due to a strong defensive package. Offers a strong combination of stress tolerance and disease resistance against IDC, SCN, and PRR. Avoid planting in fields with a history of Brown Stem Rot.

- Medium-tall plant with top-end yield potential, great emergence, and solid standability.
- Rare Group I product that is a salt excluder and has good IDC tolerance.
- Good Sclerotinia White Mold tolerance; solid against SDS and includes SCN and PRR resistance.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	Yes

MANAGEMENT

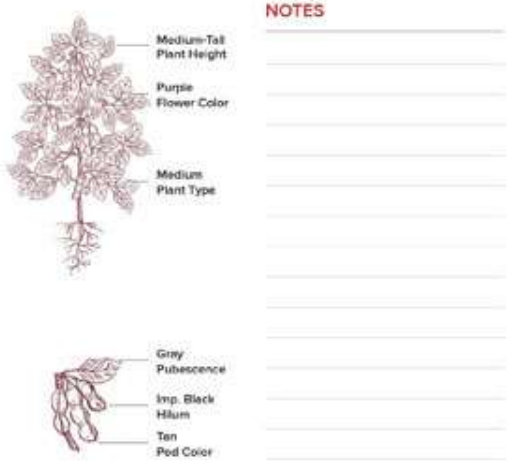
Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	1E3, MAR4
Frogeye Leaf Spot	--
Brown Stem Rot	--
Charcoal Rot	--
Stem Canker	
Phytophthora Race Resist	1b,d,k
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate

NOTES



LGS1232XF — 1.2 RM

XTENDFLEX SOYBEANS

LGS1232XF excels in medium and lower yield environments across multiple geographies and conditions. It offers an excellent defensive package in combination with strong stress tolerance. Use Saltro® seed treatment in fields with a history of SDS.

- Solid performance in both high and low-yield environments.
- Offers SCN resistance, solid IDC tolerance, and the Rps3a PRR gene.
- Excellent standability and very strong White Mold tolerance.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

MANAGEMENT

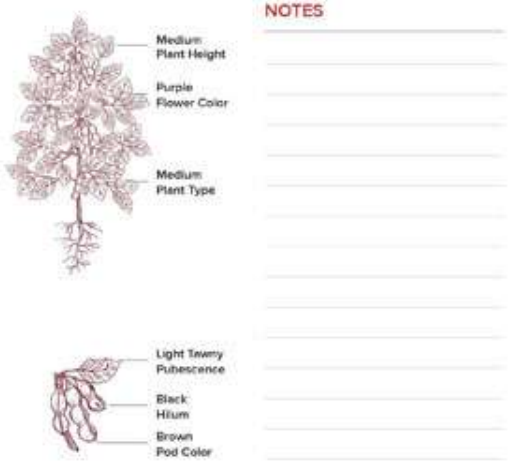
Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	1E3, MAR4
Frogeye Leaf Spot	--
Brown Stem Rot	
Charcoal Rot	--
Stem Canker	--
Phytophthora Race Resist	1b,e,k
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate

NOTES



LGS1385XF — 1.3 RM

XTENDFLEX SOYBEANS

With high White Mold and PRR tolerance, LGS1385XF will excel in high-yielding environments where yield-robbing diseases can be an issue. Great East to West movement as well as the ability to move South of adapted zone.

- Medium-tall plant type with excellent harvest appearance.
- Above-average IDC tolerance.
- Very good White Mold tolerance.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

MANAGEMENT

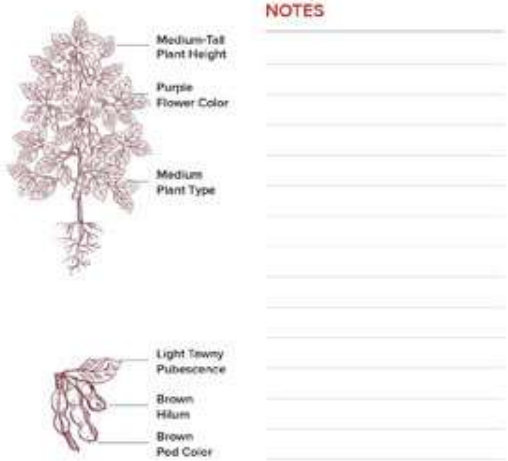
Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	1E3, MAR4
Frogeye Leaf Spot	--
Brown Stem Rot	--
Charcoal Rot	--
Stem Canker	
Phytophthora Race Resist	1b,d,k,7a
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate

NOTES



LGS1551E3® — 1.5 RM

LGS1551E3 provides strong performance on moderate to low-yield environments. This product offers versatility, with superior cyst control with Peking resistance. SDS, PRR, and BSR ratings are above-average, allowing for broad placement.

- Very good top-end yield as well as good stress tolerance for multiple environmental placing.
- Versatile soybean with a broad acre fit across the Western Corn Belt.
- Solid ratings for BSR, PRR, and SDS.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

MANAGEMENT

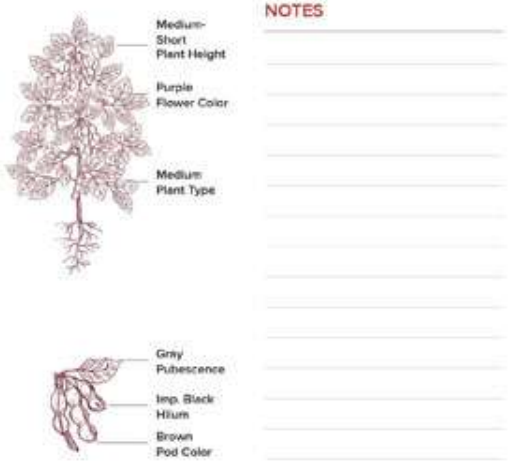
Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

DISEASE TOLERANCE

Cyst Nematode Resist	Peking
Frogeye Leaf Spot	
Brown Stem Rot	
Charcoal Rot	--
Stem Canker	
Phytophthora Race Resist	1b,e,k
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate

NOTES



LGS1585XF 1.5 RM

XTENDFLEX SOYBEANS

An excellent candidate for high-yielding, productive soils, LGS1585XF adapts well across no-till, minimum tillage, and all row spacings. A great option that is broadly adapted from South Dakota to New York, it will respond to high management and productive soil placement.

- Broad adaptation with top-end yield potential.
- Excellent resistance to PRR due to the Rps3a gene along with excellent field tolerance.
- Offers very good standability and strong White Mold tolerance.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

MANAGEMENT

Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

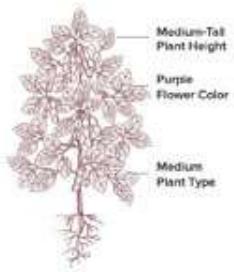
DISEASE TOLERANCE

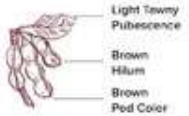
Cyst Nematode Resist	MG1
Frogeye Leaf Spot	--
Brown Stem Rot	--
Charcoal Rot	--
Stem Canker	

Phytophthora Race Resist	Rps1a
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate

NOTES





LGS1660E3 1.6 RM

Cultivar E3 SOYBEANS

Very good adaptability to no-till and minimum-till environments. Performs well on all soils, including tough and variable environments. Excellent performance East to West. Adapts well to all row spacing and tillage situations and provides good stress tolerance.

- Outstanding yield potential from a medium statured plant with strong agronomics and broad adaptability.
- Excellent tolerance to PRR with a Rps3a gene, along with resistance to SCN, BSR, and Stem Canker.
- Highly tolerant to IDC, White Mold, and SDS.

CHARACTERISTICS

Emergence	
Early Vigor	
Standability	
Shatter Resistance	
Salt Excluder	No

MANAGEMENT

Poorly Drained Soil	
Marginal Soil	
Productive Soil	
Adapt to No-Till	
Sulfonylurea Tolerance	No

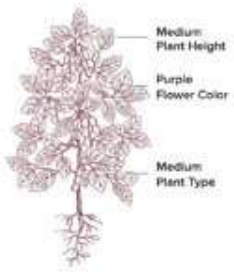
DISEASE TOLERANCE

Cyst Nematode Resist	1E1, MG4
Frogeye Leaf Spot	--
Brown Stem Rot	
Charcoal Rot	--
Stem Canker	

Phytophthora Race Resist	Rps1a
Phytophthora Tolerance	
Iron Deficiency Chlorosis	
Sudden Death Syndrome	
Sclerotinia White Mold	

● Excellent ● Very Good ● Good ● Moderate

NOTES



All orders and sales are subject to the LG Seeds Terms and Conditions of Sale, which include but are not limited to the Limitation of Warranty & Remedy and Agronomic Zone and Planting Year. The Terms and Conditions of Sale are subject to change from time to time without prior notice. Refer to https://www.lgseeds.com/legal-terms for the most up to date Terms and Conditions of Sale.

AgReliant Genetics, LLC has successfully completed current Excellence Through Stewardship® (ETS) audit requirements for our representative North American operations and has in place stewardship programs and quality management systems consistent with the Excellence Through Stewardship® (ETS) program.

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

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

Forage Genetics International, LLC ("FGI") is a member of Excellence Through Stewardship® (ETS). FGI products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with FGI's Policy for Commercialization of Biotechnology Derived Plant Products in Commodity Crops. HarvXtra® Alfalfa with Roundup Ready® Technology has pending import approvals. GROWERS IN THE WESTERN STATES MUST DIRECT ANY PRODUCT PRODUCED FROM HARVXTRA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY SEED OR CROPS (INCLUDING HAY AND HAY PRODUCTS) ONLY TO UNITED STATES DOMESTIC USE. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Growers should refer to http://www.biotradestatus.com/ for any updated information on import-country approvals. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

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

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

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

Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs. Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-844-99XTEND for recommended Roundup Ready® Xtend Crop System weed control programs. Seed containing a patented trait can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, and XtendFlex® soybeans. Additional information and limitations on the use of these products are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide. tug.bayer.com. U.S. patents for Bayer technologies can be found at the following webpage: cs.bayerpatents.bayer.com

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. More information about Duracade® is available at http://www.biotradestatus.com/.

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

HERCULEX® I Corn trait technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. Herculex® Technology incorporated into these seeds is commercialized under license from Corteva Agriscience LLC.

Seeds containing the Enlist, Herculex and PowerCore traits are protected under one or more U.S. patents which can be found at: www.traitstewardship.com. The purchase of these seed traits include a limited license to produce a single crop in the United States. The use of seed from such a crop or the progeny thereof for propagation or seed multiplication or for production or development of a hybrid or different variety of seed is strictly prohibited. You acknowledge and agree to be bound by the terms and conditions of the following documents in effect at the time of planting of this seed: (i) the Corteva Agriscience Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements. To plant Enlist, Herculex and PowerCore seed, you must have a limited license from Corteva Agriscience (or other appropriate affiliates). In consideration of the foregoing, Corteva Agriscience grants to the Grower the limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed.

Always read and follow herbicide label directions prior to use. Enlist™ products contain the Enlist trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist® crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products.

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

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Roundup Ready® is registered trademarks of Bayer Group, used under license by Forage Genetics International, LLC. HarvXtra® is a registered trademark of Forage Genetics International, LLC. HarvXtra® Alfalfa with Roundup Ready® Technology is enabled with Technology from The Samuel Roberts Noble Foundation, Inc.

Important: Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties. Please check with your local extension service to ensure registration status. Veyanto® is a registered trademark of a Syngenta Group Company.

IN THE FOLLOWING STATES, PURCHASE AND USE OF HARVXTRA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY IS SUBJECT TO A SEED AND FEED USE AGREEMENT, REQUIRING THAT PRODUCTS OF THIS TECHNOLOGY CAN ONLY BE USED ON FARM OR OTHERWISE BE USED IN THE UNITED STATES: ARIZONA, CALIFORNIA, COLORADO, IDAHO, MONTANA, NEVADA, NEW MEXICO, OREGON, UTAH, WASHINGTON AND WYOMING (THE "WESTERN STATES"). IN ADDITION, DUE TO THE UNIQUE CROPPING PRACTICES DO NOT PLANT ROUNDUP READY® ALFALFA OR HARVXTRA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY IN IMPERIAL COUNTY, CALIFORNIA, PENDING IMPORT APPROVALS AND UNTIL FORAGE GENETICS INTERNATIONAL, LLC (FGI) GRANTS EXPRESS PERMISSION FOR SUCH PLANTING.

Verification Required The last patent on the original Roundup Ready® soybean trait expired a few years ago and U.S. farmers may legally plant saved seed from some varieties of soybean containing the Roundup Ready® soybean trait. However, it is important that you check with your seed supplier to determine if a specific Roundup Ready® soybean variety is covered by other intellectual property rights, and if so, the policy for saving seed of that variety.

Higher Seeding Rate A higher seeding rate may be required for bin-run Roundup Ready® soybeans compared to new branded seed.

Yield Loss Roundup Ready 2 Yield® soybean, Roundup Ready 2 Xtend® soybean, and XtendFlex® soybean varieties typically have a higher yield opportunity than Roundup Ready® soybean varieties.

Cleanout Loss Loss of seed and/or shrink occurs during the seed cleaning and handling processes for bin-run seed.

Seed Treatment Costs Treating your seed will add costs—both the cost of the treatment and the application of that treatment.

Lost Income Every bushel of saved seed you plant is a bushel you're not selling as commodity grain.

Increased Seed Management If you plan to save and bin-run Roundup Ready® soybeans for planting, you will have to manage your harvest operations and grain storage so that the seed isn't co-mingled with other seed that's covered by intellectual property rights.

High Value of New Branded Seed

Latest Technology

- High-yielding soybean technologies
- Better variety options
- Leading seed treatment options

Customer Service

- Dealer agronomic support before and after the sale
- Reliant policy support
- Convenient packaging and delivery

Reliable Germination and Quality

- Rigorously tested and meets U.S. Federal Seed Act requirements
- Free of seed-borne diseases
- Properly stored and conditioned

For a list of Bayer's trait patents go to cs.bayerpatents.bayer.com

For questions regarding seed intellectual property, or to anonymously report a saved seed tip, you can contact Bayer in the following ways:

1. Call 1-866-99-BAYER
2. Send a letter: Trait Stewardship, 622 Emerson Rd., Suite 150, Creve Coeur, MO 63141
3. Submit a contact request at cropscience.bayer.us/contact or scan the QR code

SIPA Seed Innovation & Protection Alliance

Bayer is a member of the Seed Innovation and Protection Alliance. Visit www.seedalliance.com to learn more. SIPA™ is a trademark of the Seed Innovation and Protection Alliance.

A CLOSER LOOK AT THE ENLIST® WEED CONTROL SYSTEM FOR SOYBEANS

Enlist E3 SOYBEANS

2,4-D choline | Glyphosate | Glufosinate

Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use with Enlist E3® soybean crops.

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

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

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

LGSEEDS

LGSeeds.com/NDNM