CORN | SOYBEANS | SILAGE

2026 SEED GUIDE

Seed Consultants
Simply Better

BUY INTO BETTER

Seed Consultants sales professionals are, first and foremost, consultants. We know the eastern Corn Belt and strive to help you capture the most value from our seed through local experience with product placement and management. Our corn hybrids and soybean varieties are developed, tested and proven to perform with high yield potential, traits, and defensive characteristics eastern Corn Belt farmers need to succeed.

At Seed Consultants, we deliver better service, better products and traits, and uncomplicated pricing and discounts for the eastern Corn Belt. Now that's Simply Better.

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NATIONAL CORN YIELD CONTEST

SEED CONSULTANTS, INC.
2026 National Corn Growers Association YIELD CONTEST

2026 — NATIONAL WINNER AWARDS

(winning Seed Consultants entries only)

1st — Trip for two to the 2027 Commodity Classic in New Orleans, LA
Prize of $10,000 in SC Brand Seed

2nd — Trip for two to the 2027 Commodity Classic in New Orleans, LA
Prize of $7,500 in SC Brand Seed

3rd — Trip for two to the 2027 Commodity Classic in New Orleans, LA
Prize of $5,000 in SC Brand Seed

2026 — STATE WINNER AWARDS

(winning Seed Consultants entries only)

1st — Trip for two to the 2027 Commodity Classic in New Orleans, LA
Prize of $1,000 in SC Brand Seed

2nd — Trip for two to the 2027 Commodity Classic in New Orleans, LA
Prize of $500 in SC Brand Seed

3rd — Trip for two to the 2027 Commodity Classic in New Orleans, LA

Important Details

- Winner receives highest level prize attained. One trip for two per winner.
- To be eligible for reimbursement and prizes grower grants Seed Consultants, Inc. the permission to use for all purposes the NCGA information as well as grower's name, pictures of grower and grower's property.
- Awards from Seed Consultants are not transferable or be transferred for cash.
- Entrants must hold a current membership in the National Corn Growers Association and his/her state associations to qualify.
- Trip includes 4 nights hotel accommodations, coach class airline tickets, registration to the Commodity Classic, and dinner with SCI representatives.
- The membership must be in the exact name as on the entry form.
- Taxes, if applicable, are the sole responsibility of each prize winner.
- Fill out the NCGA Yield Contest entry form and submit, before their final postmark deadline. Contest rules and all forms needed to enter will be available at www.ncga.com or contact Seed Consultants at 800-708-2676.
- Fill out entry form for NCYC and submit form (one copy to NCGA and one copy to Alissa Armstrong), send in no money SCI picks up entry fee and membership dues for grower.

Questions – contact SCI-NCGA Yield Contest Lead, Alissa Armstrong

FINANCING

SEED CONSULTANTS, INC.

TWO GREAT FINANCING CHOICES FOR 2025-2026
0% THROUGH JOHN DEERE FINANCIAL
0% THROUGH RABO AGRIFINANCE

These financing programs are only available to John Deere Financial Preferred Customers and/or RABO AgriFinance approved customers. To apply for a John Deere Financial Preferred Account or RABO account or to increase your John Deere Financial or RABO line of credit, contact John Deere Financial (800-433-8964) or RABO (888-395-8505), so the necessary paperwork may be completed with John Deere Financial &/or RABO.

JOHN DEERE FINANCIAL & RABO GUIDELINES

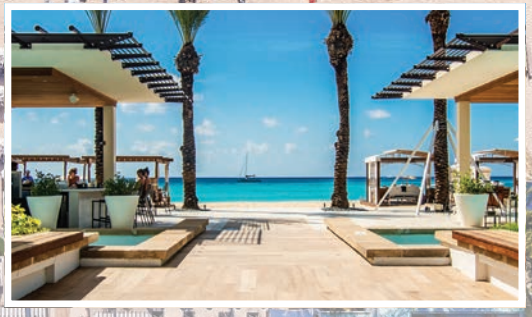
- Must be a John Deere Financial Preferred Customer or approved by RABO AgriFinance.
- Approval and credit limits established by John Deere Financial &/or RABO...not by SCI.
- Terms and conditions apply. See respective credit applications for full terms and disclosures.
- To increase or establish your credit line call John Deere Financial (800-433-8964) or RABO (888-395-8505).
- Must be enrolled and approved to qualify for discounts.
- Discounts applied on approval date from John Deere Financial &/or RABO.
- Signed terms of disclosure on file.
- Minimum purchase of $1,000.
- Due date of December 2026.

For John Deere Financial customers with current special terms balances at or near their credit limit, they may have an option to enable their seed purchase now and lock in their order. Contact your SCI Seedsman for details.

	DISCOUNT SCHEDULE	
Finance Plan	**John Deere Financial**	**RABO**
Purchase & Approval Date	Fixed 0%	Fixed 0%
August 2025	8.0%	8.0%
September 2025	5.5%	5.5%
October 2025	4.5%	4.5%
November 2025	3.5%	3.5%
December - January 10, 2026	2.0%	2.0%
January 2026	0.0%	0.0%
February 2026	0.0%	0.0%
March 2026	0.0%	0.0%
April 2026	0.0%	0.0%
May 2026	0.0%	0.0%
In Season	0.0%	0.0%

GRAND CAYMAN
2026 CUSTOMER TRIP

SIGN UP ONLINE NOW VIA THE LINK ON WWW.SEEDCONSULTANTS.COM



JANUARY 25–31, 2026

GRAND CAYMAN TRIP PACKAGE

- 7 Days, 6 nights accommodation in ocean-view rooms at Westin Grand Cayman
- Private Welcome Party for SCI on Day One
- Private breakfast on Day Two
- Seed Consultants Business Meeting
- $250.00 per person resort credit for meals at leisure
  (Credit can be used at any food and beverage outlet. Room service is not covered by the credit.)
- One Hour Private Farewell Reception on Day Six
- Round-Trip Airport Transfers
- Complimentary Wi-Fi in the public areas and guest rooms
- Daily yoga and fitness classes
- Paddleboard Clinics
- Snorkeling Equipment at Resort
- All Taxes, Fees and Gratuities at the Resort

TRIP COST (Excluding Air) at Westin Grand Cayman

Double Occupancy: $6,150.00 (2 Adults sharing a Room)
Maximum capacity in a guest room is four regardless of age

AIR COSTS

Air is not included with the above trip costs but must be booked through MTI Events in to order to attend the trip.

If an attendee wishes to check current airfare rates before registering and submitting the non-refundable deposit, they may call MTI Events at 913-438-2600 x 118. The hours are Monday - Friday, 9:00 AM - 5:00 PM EST. Airfare rates are subject to change until ticketed.

After registration has been submitted and non-refundable deposit received, MTI Events will email the attendee with flight options and costs. There are no restrictions on fares or departure city.

Attendee is responsible for any costs associated with flight changes.

Airline points may be used to book airfare. Tickets must be booked directly with the airline. MTI has no control over frequent flyer seat availability.

PAYMENTS

$500 (per person) non-refundable deposit due after online registration and before air is booked.

Full trip payment is due by Friday, November 21, 2025, and is non-refundable.

WESTIN GRAND CAYMAN SEVEN MILE BEACH RESORT & SPA

- This five-star, beachfront resort stretches out on 800 feet of the world-famous Seven Mile Beach. Spend your days playing on the beach, where you can try your hand at water sports, or float in the sparkling waters of the pool, where you can enjoy a refreshing cocktail from the swim-up bar.
- Your deluxe ocean-view guest room is designed to bring the outdoors in. A private balcony in each guest room enables guests to bask in the warmth of the year-round sun. Each guest room has a marble bathroom and Westin's signature Heavenly Bed®.
- The Westin Grand Cayman features four restaurants on property offering a delicious array of cuisines from island-inspired local fare at Woto to fresh seafood and grilled specialties Beach House Restaurant. Enjoy a tropical island drink in one of the three bars at the resort.
- Escape to your dream Caribbean getaway at The Westin Grand Cayman Seven Mile Beach Resort & Spa. This award-winning resort is just minutes from beaches, nightlife, shopping, golf and more.

All checks should be for trip expenses only and made payable to:

MTI Events

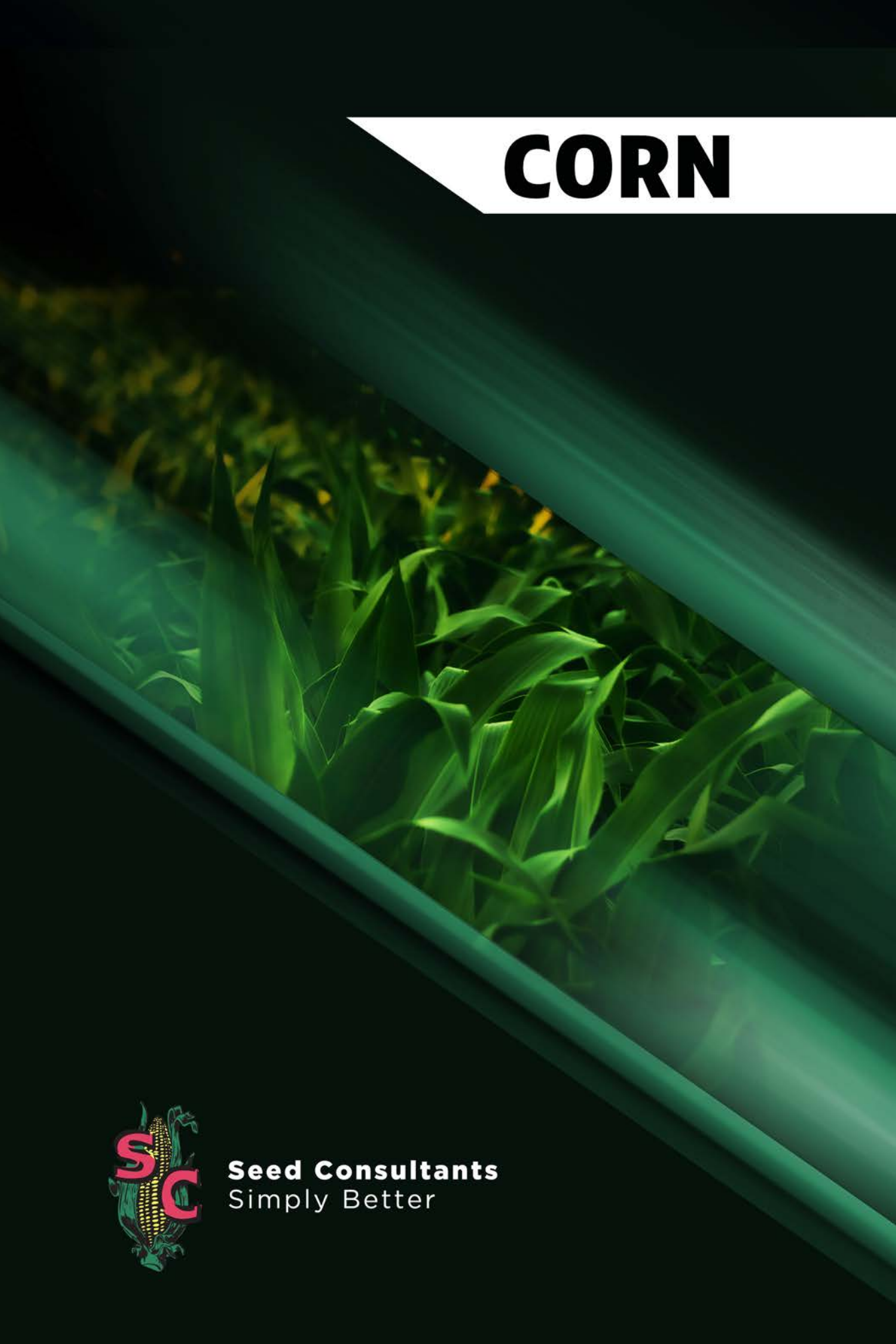
ATTN: Alyssa Hunter

10400 W. 103rd Street, Suite 10

MEETING PLANNER CONTACT INFORMATION

PHONE: 913-438-2600
HOURS: Monday – Friday 9 AM – 5 PM EST
EMAIL: alyssa@mtievents.com

CORN



Seed Consultants
Simply Better

	RM	EMERGENCE/ VIGOR	ROOTS	STALKS	PLANT HEIGHT	EAR HEIGHT	DROUGHT TOLERANCE	STAYGREEN
SC 833™ brand	83	5	6	6	M-T	M	6	5
SC 856™ brand	85	7	5	5	M	M	6	5
SC 864™ brand	86	5	6	5	M	M	7	5
SC 893™ brand	89	5	6	5	M	M	6	6
SC 901™ brand	90	4	7	4	M	M	5	7
SC 906™ brand	90	6	5	5	M	M	6	5
SC 931™ brand	93	6	6	5	M	M	6	4
SC 946™ brand	94	5	6	6	M	M	7	5
SC 964™ brand	96	6	6	6	M	M-L	7	6
SC 965™ brand	96	5	7	8	M-T	M-H	7	7
SC 973™ brand	97	5	8	5	M	M	6	6
SC 976™ brand	97	6	6	5	M	M	8	6
SC 1003™ brand	100	6	5	5	M-T	M	7	6
SC 1006™ brand	100	6	6	6	M-S	M	7	6
SC 1018™ brand	101	6	7	6	M	M	9	5
SC 1025™ brand	102	4	6	6	M	M	9	5
SC 1042™ brand	104	6	5	6	M	M	9	5
SC 1043™ brand	104	5	7	7	M-T	M-H	7	7
SC 1055™ brand	105	5	6	7	M	M	8	5
SC 1066™ brand	106	5	6	5	M	M	7	6
SC 1071™ brand	107	7	6	5	M-S	M	6	5
SC 1084™ brand	108	7	6	6	M	M	6	7
SC 1086™ brand	108	5	6	5	M	M	7	6
SC 1087™ brand	108	6	6	8	M	M	7	6
SC 1093™ brand	109	6	6	6	M-T	M	7	7
SC 1094™ brand	109	6	5	4	M	M	7	7
SC 1105™ brand	110	5	6	5	M	M	7	6
SC 1112™ brand	111	6	4	6	M	M	6	7
SC 1116™ brand	111	5	5	5	M	M	8	6
SC 1122™ brand	112	6	5	6	M-T	M	7	8
SC 1135™ brand	113	6	6	6	M	M	8	7
SC 1136™ brand	113	4	8	7	M-T	M-H	6	7
SC 1139™ brand	113	6	6	5	M-S	M	7	8
SC 1154™ brand	115	5	7	6	M	M	7	6
SC 1158™ brand	115	6	7	8	M-T	M-H	7	8
SC 1166™ brand	116	5	6	6	M	M	7	6
SC 1170™ brand	117	5	4	4	M-T	M-H	7	5
SC 1183™ brand	118	5	6	8	M-T	M	7	6
SC 1185™ brand	118	6	6	7	M-T	M	7	7
SC 1188™ brand	118	5	6	7	T	H	7	5

AGRONOMIC RATINGS KEY:

9 = Best
1 = Worst

S = Short
M = Medium
T = Tall

H = High
NR = Not Rated

EAR TYPE:
Flex = Flex Ear
Det = Determinant
Semi = Semi-flex

SOIL TYPE:
R = Recommended
HR = Highly Recommended

TEST WEIGHT	EAR FLEX	HUSK COVER	KERNEL ROWS	SEEDING RATE	NITROGEN APPLICATION	CORN AFTER CORN	LESS PRODUCTIVE SOIL	MODERATELY PRODUCTIVE SOIL	HIGHLY PRODUCTIVE SOIL
4	FLEX	3	14-16	M-L	2	6	R	R	R
4	SEMI	5	14-16	M	3	5	R	HR	HR
5	SEMI	6	14-16	M	2	7	HR	HR	R
7	SEMI	3	14-16	M-H	1	5	R	HR	HR
5	SEMI	5	14-16	M	1	9	HR	HR	HR
7	SEMI	5	16-18	M	1	6	HR	HR	HR
7	SEMI	6	14-16	M	2	8	HR	HR	HR
7	FIXED	6	14-16	H	2	5	R	R	HR
5	SEMI	6	16-18	M	2	8	HR	HR	HR
4	SEMI	4	14-16	M	2	7	HR	HR	HR
6	SEMI	6	16-18	M	2	5	HR	R	R
5	SEMI	6	14-16	M-H	2	8	HR	HR	HR
6	FLEX	5	14-16	M-L	2	7	R	HR	HR
5	SEMI	5	14-16	M-H	3	8	HR	HR	HR
6	SEMI	5	16-18	M-H	2	7	HR	HR	HR
6	SEMI	3	16-18	H	2	5	HR	HR	HR
5	SEMI	6	16-18	M-H	3	7	HR	HR	HR
5	SEMI	6	16-18	M-H	2	7	R	R	R
6	FLEX	6	16-18	M-L	2	7	HR	HR	HR
6	SEMI	6	16-18	M	3	6	HR	HR	HR
6	FLEX	6	16-18	M-L	2	6	R	HR	HR
6	SEMI	6	18-20	M	3	6	R	HR	HR
7	FLEX	6	16-18	M	2	7	HR	HR	HR
6	SEMI	5	16-18	M	3	6	HR	HR	HR
6	SEMI	7	14-16	M	3	7	HR	HR	HR
6	SEMI	6	16-18	M	3	8	R	HR	HR
6	SEMI	7	16-18	M	3	6	R	HR	HR
6	FLEX	7	16-18	M	3	8	R	HR	HR
7	FLEX	7	18-20	M-L	3	6	R	HR	HR
6	SEMI	6	16-18	M-H	3	7	HR	HR	R
6	SEMI	7	16-18	M	2	8	HR	HR	R
6	FLEX	3	18-20	M-L	3	6	R	R	R
7	SEMI	7	16-18	M-H	2	7	HR	R	R
6	SEMI	6	16-18	M-H	2	8	HR	HR	HR
6	SEMI	7	14-16	M-H	3	6	HR	R	R
6	SEMI	7	16-18	M	3	7	HR	HR	HR
5	FLEX	7	16-18	M-L	3	6	R	HR	R
5	SEMI	7	16-18	M	3	6	HR	HR	HR
6	SEMI	7	16-18	M-L	3	9	HR	HR	HR
6	SEMI	8	16-18	M-L	3	6	R	R	R

NITROGEN CLASSIFICATION
Category 1 Hybrids--flower early for maturity; take up N early; flourish in a weed and feed program; derive less benefit from side dress applications of N; do relatively well at moderate N rates.
Category 3 Hybrids--flower somewhat later; longer grain fill; take up N over a longer period; and derive the most benefit from side dress applications of N as well as higher N rates.
Category 2 Hybrids--Work well in management programs that include either preplant or side dress N applications.

IMPORTANT: Trait rating scores provide key information useful in selecting and managing products in your area. Information and ratings are based on comparisons with other products sold by SCI. Information and scores are assigned by SCI and are based on period-of-years testing through 2024 harvest and were the latest available at time of printing. Some scores may change after 2025 harvest. Scores represent an average of performance data across areas of adaptation, multiple growing conditions and a wide range of both climate and soil types and may not predict future results. Individual product responses are variable and subject to a variety of environmental, disease and pest pressures. Please use this information as only one component of your product positioning decision.

2026 Corn Seed Treatment Portfolio

LumiGEN® Seed Treatments

The 2026 LumiGEN® seed treatment corn portfolio maximizes yield potential by protecting elite corn genetics. With a unique, industry-leading combination of ingredients, the portfolio offers early-season corn protection from diseases, insects and harmful nematodes.

FUNGICIDE SEED TREATMENTS

Lumiscend™ Pro fungicide seed treatment

- Most robust fungicide seed treatment available in the industry with a 1-3 bu/A advantage[1]
- Provides enhanced disease protection with multiple modes of action, including metalaxyl-resistant *Pythium* species
- Unique active ingredient, inpyrfluxam, against *Rhizoctonia* and *Fusarium*

Lumiflex™ fungicide seed treatment

- Provides proven early season protection against seed- and soil-borne diseases, including *Rhizoctonia* and *Fusarium*
- Also provides unparalleled protection against head smut

INSECTICIDE SEED TREATMENTS

PREMIUM PACKAGE

Lumisure® 250 insecticide seed treatment

- Proven insecticide with broad-spectrum activity

Lumivia® 250 insecticide seed treatment

- Enhances control and pest spectrum, including fall armyworm, black cutworm, seed corn maggot, wireworm and white grub

ENHANCED CRW PACKAGE

Lumisure® 1250 insecticide seed treatment

- Added protection against corn rootworm for improved stand establishment and lodging

NEMATICIDE SEED TREATMENTS

Lumialza® nematicide seed treatment

- Expanding bio-barrier shields roots
- 80+ days of root growth protection
- Activity against all harmful corn nematode species

Lumialza advantage over FST/IST

9.0 bu/A yield advantage[2]

in high nematode pressure

3.7 bu/A yield advantage[2]

in low nematode pressure

BIOLOGICAL

Lumidapt™ Nutrition Seed Treatment

- Biological fertilizer proven to support crops
- Provides additional micro-nutrients to the plant, optimized for the best ratio of minerals
- When paired with Lumialza® nematicide seed treatment it enhances plant health and has been shown to increase yield potential
- +2 bu/A yield advantage over current recipe[3]

Lumidapt™ VALTA LS

NUTRITION SEED TREATMENT

	Premium Package	Enhanced Corn Rootworm Package
Fungicide seed treatment		
Lumiscend™ Pro (inpyrfluxam, ethaboxam, metalaxyl)	✔	✔
Lumiflex™	✔	✔
Biological Nutrition Seed Treatment		
Lumidapt™ VALTA LS	✔	✔

	Premium Package	Enhanced Corn Rootworm Package
Insecticide/Nematicide seed treatment		
Lumivia® 250	✔	
Lumisure® 250	✔	
Lumisure® 1250		✔
Lumialza® nematicide	✔	✔

CORTEVA™ agriscience

LumiGEN® Seed Treatment

EARLY-SEASON KEY NEMATODE PROTECTION

Lumialza® nematicide seed treatment

Shields roots from all key nematode species, including sting, root-knot, needle, dagger, lance, lesion and stubby-root

- 80+ days of root protection in all root zones
- Yield advantage in low- and high-pressure environments
  - Up to **9 bu/A** yield advantage under heavier nematode pressure[3]
  - **3.7 bu/A** average yield advantage under low nematode pressure[3]

Lumialza®
NEMATICIDE SEED TREATMENT

Lumialza® Bio-barrier

Non-nematicide

Lumialza®

Insecticide Seed Treatments Characterization

Pest	PREMIUM PACKAGE Lumialza® bio-nematicide Lumivia® 250 Lumisure® 250	ENHANCED CRW PACKAGE Lumialza® bio-nematicide Lumisure® 1250	BAYER OPTION Poncho® Votivo® 500	Cruiser® 500
Corn Nematodes	+++	+++	++	-
Wireworm	+++	++++	+++	+++
Cutworm	++++	++	+*	+*
Fall Armyworm	++++	-	-	-
Seed Corn Maggot	+++	+++	+++	+++
White Grub	+++	++++	+++	+++
Grape Colaspis	+++	+++	++	++
Billbug	++	+++	-	-
Flea Beetle	++	+++	+++	+++
Corn Rootworm	-	++	-	-

LumiGEN® Seed Treatments

- No control
+ Feeding reduction ++ Average protection +++ Above average protection
++++ Excellent protection
* labeled for control

[1] 2020-2022 Corteva research trials in 80 locations.

[2] Lumialza® nematicide seed treatment vs. non-nematicide seed treatment utilizing the same insecticide and fungicide recipe in seed applied technology replicated and strip trial data. Yields ranged from 3 to 9 bu/A depending on nematode species and population, in 184 low stress and 54 moderate to high stress locations.

[3] Data from 2022-2024 across 72 locations with a 70.8% win rate over current commercial recipe.

Lumiscend™ Pro FUNGICIDE SEED TREATMENT | Lumiflex® SEED TREATMENT FUNGICIDE | Lumisure™ INSECTICIDE SEED TREATMENT | Lumivia® INSECTICIDE SEED TREATMENT | Lumialza® NEMATICIDE SEED TREATMENT | Lumidapt™ VALTA LS NUTRITION SEED TREATMENT

CORTEVA™ agriscience

NUMBERING NOMENCLATURE

SC CORN NUMBERING NOMENCLATURE

IF 4 DIGITS – 1st 3 digits designate maturity and last digit is the year of release

SC 1116PCE™ brand

- 111 — 111-DAY MATURITY
- 6 — 2026 RELEASE
- PCE — TRAIT

IF 3 DIGITS 1st 2 digits designate maturity and last digit is the year of release

SC 856PCE™ brand

- 85 — 85-DAY MATURITY
- 6 — 2026 RELEASE
- PCE — TRAIT

SC SOYBEAN NUMBERING NOMENCLATURE

All traited varieties

1st digit – herbicide tolerance • 2nd & 3rd digits – maturity • 4th digit – year of release

SC 7146E™ brand

- 7 — 7-ENLIST VARIETY
- 14 — 1.4 (MID GROUP 1)
- 6 — 2026 RELEASE
- E — TRAIT

CORN KEY

CONV	Conventional (Non-GMO, Organic)
AMXT	Optimum® AcreMax® XTreme (AMXT) insect protection
AM	Optimum® AcreMax® (AM) insect protection
AQUA	Optimum® AQUAmax® hybrids
Q	Qrome® products
PCE	Powercore® Enlist® Refuge Advance corn products
PCUE	Powercore® Ultra Enlist® Refuge Advanced® corn products
V	Vorceed® Enlist® corn products
LRE	LibertyLink®, Roundup Ready® Corn 2 technology, Enlist®corn

Agrisure® *is a registered trademark of, and used under license from, a Syngenta Group Company. Agrisure® technology incorporated into these seeds is commercialized under a license from Syngenta Crop Protection AG.*

Agrisure Viptera® *is a registered trademark of, and used under license from, a Syngenta Group Company. Agrisure® technology incorporated into these seeds is commercialized under a license from Syngenta Crop Protection AG.*

Q (Qrome®) *Contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the Bt trait, and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Qrome products.*

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

Roundup Ready® *is a registered trademark used under license from Bayer Group.*

RR2 *Contains the Roundup Ready® Corn 2 trait that provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate.*

AM - Optimum® AcreMax® Insect Protection system with YGCB, HX1, LL, RR2*. Contains a single-bag integrated refuge solution for above-ground insects.*

AMXT (Optimum® AcreMax® XTreme) *Contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, a Bt trait, and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax and Optimum AcreMax XTreme products.*

HX1 *Contains the Herculex® I Insect Protection gene which provides protection against European corn borer, southwestern corn borer, black cutworm, fall armyworm, lesser corn stalk borer, southern corn stalk borer, and sugarcane borer; and suppresses corn earworm.*

AQ Optimum® AQUAmax® product*. Product performance in water-limited environments is variable and depends on many factors, such as the severity and timing of moisture deficiency, heat stress, soil type, management practices and environmental stress, as well as disease and pest pressures. All products may exhibit reduced yield under water and heat stress. Individual results may vary.*

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

PCE - POWERCORE® ENLIST® REFUGE ADVANCED® *corn products with AVBL, HX1, VTP, ENL, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with PowerCore Ultra Enlist Refuge Advanced products.*

V - VORCEED® ENLIST® *products with V, LL, RR, ENL. Contains a single-bag integrated refuge solution with multiple modes of action for above- and below-ground insects. The major component contains the Herculex® XTRA genes, the RW3 trait and the VTP trait. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted for Vorceed Enlist products.*

All products are trademarks of their respective manufacturers.

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

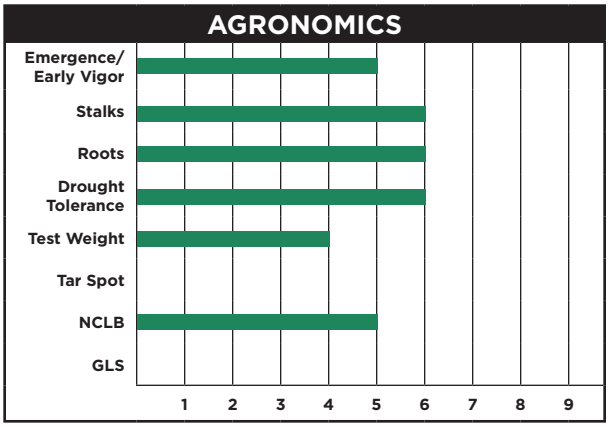
SC 833AM™ brand

RELATIVE MATURITY
83 DAYS

KEY FEATURES:
- Yield leader with solid agronomics
- Exceptional stalk and root strength
- Good northern corn leaf blight (NCLB) tolerance
- Taller stature hybrid with dual purpose potential
- Very good drought tolerance

OPTIMUM PLANTING RATES:
Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

AVAILABLE TRAITS:
SC 833AM™. . . . . RR2, HX1, LL, YGCB



NEW

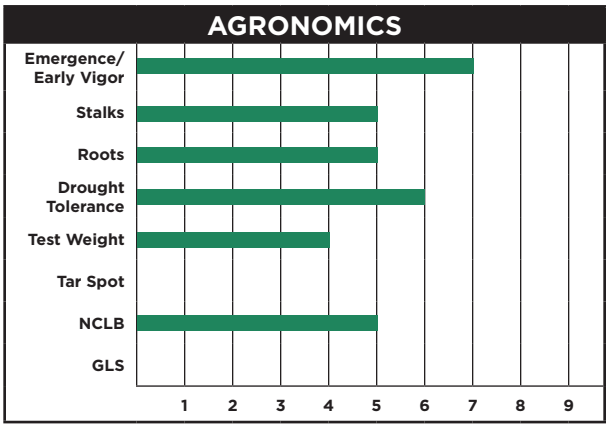
SC 856PCE™ brand

RELATIVE MATURITY
85 DAYS

KEY FEATURES:
- Medium plant stature
- Strong stress emergence for difficult soils
- Good drought tolerance
- Average NCLB tolerance
- Respectable overall agronomic package
- Recommend timely harvest

OPTIMUM PLANTING RATES:
Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

AVAILABLE TRAITS:
SC 856PCE™. . . . . HX1, VTP, ENL, LL, RR2



Agronomic Ratings 1 to 9 with 9 being the best.
Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), a Bt trait (YGCB), LibertyLink® (LL), Enlist® (ENL), an above ground trait (VTP)

SC 864Q™ brand

RELATIVE MATURITY
86 DAYS

KEY FEATURES:

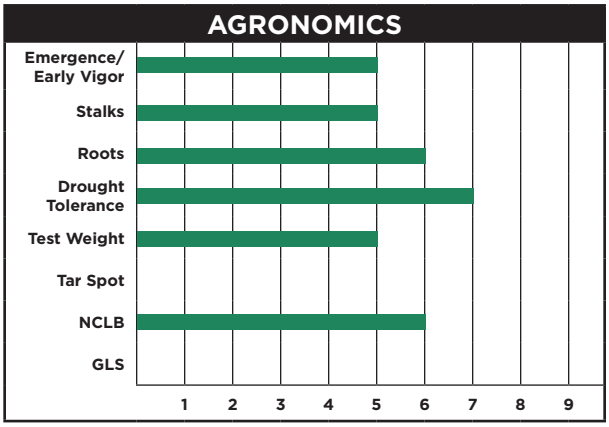
- Impressive yield potential with good agronomic package
- Moderate plant stature with dependable stress emergence
- Good roots and strong drought tolerance
- Very good tolerance to NCLB
- Competitive late season stalk strength but recommend timely harvest
- Dual purpose hybrid

OPTIMUM PLANTING RATES:

Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive Soils. 32,000-34,000

AVAILABLE TRAITS:

SC 864Q™ . . . . . YGCB, RW, HXX, LL, RR2



SC 893™ brand (Non-GMO) | SC 893AM™ brand

RELATIVE MATURITY
89 DAYS

KEY FEATURES:

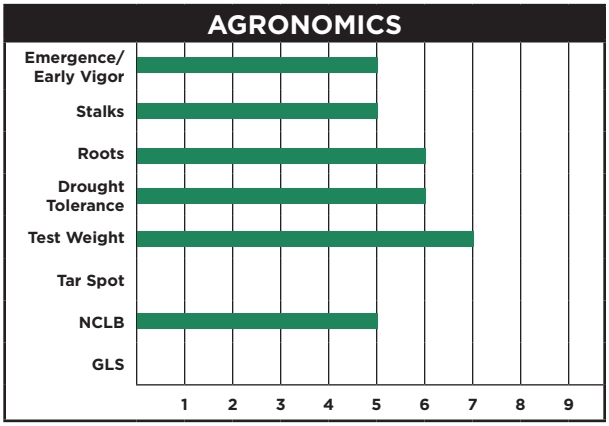
- Above average stress emergence for tough soils
- Strong roots paired with good stalks
- High test weight and grain quality
- Good NCLB tolerance
- Recommend timely harvest

OPTIMUM PLANTING RATES:

Less Productive Soils 29,000-31,000
Moderately Productive Soils 31,000-33,000
Highly Productive Soils. 33,000-35,000

AVAILABLE TRAITS:

SC 893AM™. . . . . RR2, HX1, LL, YGCB



Agronomic Ratings 1 to 9 with 9 being the best.

Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), Herculex® XTRA (HXX), a Bt trait (YGCB), LibertyLink® (LL), Agrisure® Rootworm (RW), Qrome® (Q), Enlist® (ENL), an above ground trait (VTP)

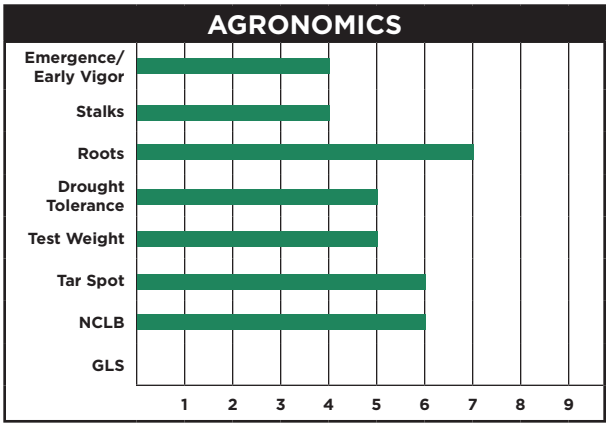
SC 901Q™ brand

RELATIVE MATURITY
90 DAYS

KEY FEATURES:
- Top-end yield potential
- Consistent performer with solid defensive traits
- Exceptional NCLB and tar spot tolerance
- Moderate plant and ear height
- Very good dual purpose hybrid

OPTIMUM PLANTING RATES:
Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive Soils. 32,000-34,000

AVAILABLE TRAITS:
SC 901Q™ . . . . . YGCB, RW, HXX, LL, RR2



NEW

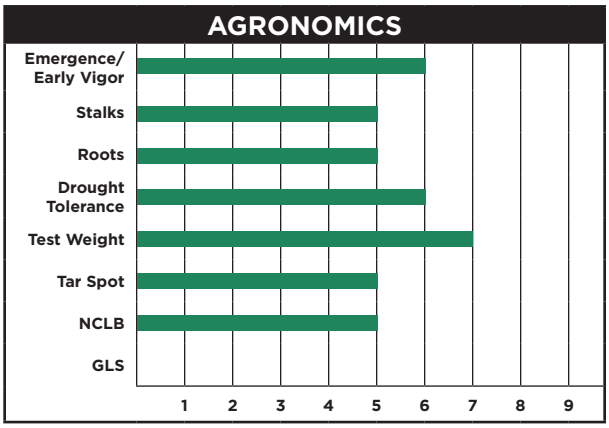
SC 906PCE™ brand

RELATIVE MATURITY
90 DAYS

KEY FEATURES:
- Nice plant stature
- Semi-flex ear type
- Good stress emergence for more difficult soil conditions
- Solid disease package
- Above average stress tolerance
- Very good test weight and grain quality

OPTIMUM PLANTING RATES:
Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

AVAILABLE TRAITS:
SC 906PCE™. . . . . HX1, VTP, ENL, LL, RR2



Agronomic Ratings 1 to 9 with 9 being the best.

Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), Herculex® XTRA (HXX), a Bt trait (YGCB), LibertyLink® (LL), Agrisure® Rootworm (RW), Qrome® (Q), Enlist® (ENL), an above ground trait (VTP)

SC 931™ brand (Non-GMO) | SC 931Q™ brand

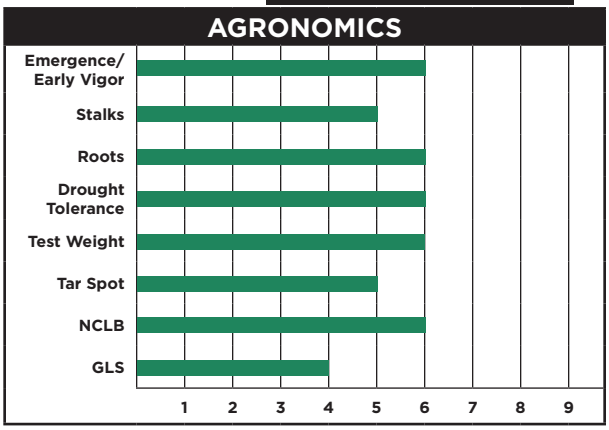
RELATIVE MATURITY
93 DAYS

PROVEN CONSISTENCY IN THE EASTERN CORN BELT

KEY FEATURES:
- Exceptional emergence--plant first
- Elite yielding genetics for the eastern Corn Belt
- Impressive girthy ear with flex
- Strong foliar resistance to NCLB
- Exceptional grain quality and test weight

OPTIMUM PLANTING RATES:
Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive Soils. 32,000-34,000

AVAILABLE TRAITS:
SC 931Q™. . . . . YGCB, RW, HXX, LL, RR2



NEW

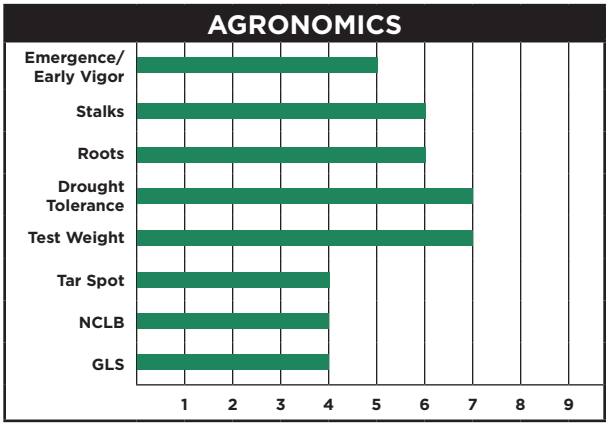
SC 946PCE™ brand

RELATIVE MATURITY
94 DAYS

KEY FEATURES:
- Broadly adapted hybrid with top-end yield potential
- Above average agronomic package
- Very good drought tolerance
- Very good test weight and grain quality
- Foliar health ratings suggest positive return on fungicide application
- Good Gibberella ear rot tolerance
- Fixed ear style--match fertility to plant population

OPTIMUM PLANTING RATES:
Less Productive Soils 29,000-31,000
Moderately Productive Soils 31,000-33,000
Highly Productive Soils. 33,000-35,000

AVAILABLE TRAITS:
SC 946PCE™. . . . . HX1, VTP, ENL, LL, RR2



Agronomic Ratings 1 to 9 with 9 being the best.
Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), Herculex® XTRA (HXX), a Bt trait (YGCB), LibertyLink® (LL), Agrisure® Rootworm (RW), Qrome® (Q), Enlist® (ENL), an above ground trait (VTP)

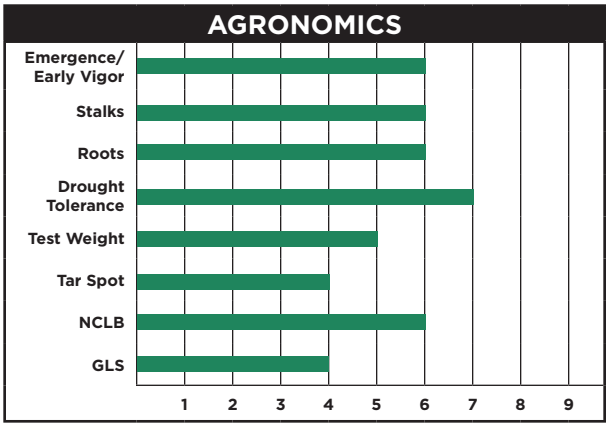
SC 964PCE™ brand | SC 964V™ brand

RELATIVE MATURITY
96 DAYS

KEY FEATURES:
- New yield leader for 96 RM
- Very moderate plant stature
- Very good drought tolerance
- Good stalk and root strength
- Very strong NCLB tolerance
- Outstanding stress emergence, plant first

OPTIMUM PLANTING RATES:
Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive Soils. 32,000-34,000

AVAILABLE TRAITS:
SC 964PCE™. . . . . HX1, VTP, ENL, LL, RR2
SC 964V™ . . . . . HXX, RW3, VTP, ENL, LL, RR2



NEW

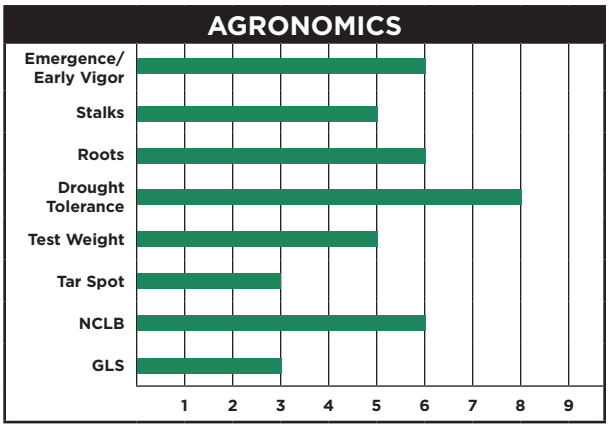
SC 976PCE™ brand | SC 976V™ brand

RELATIVE MATURITY
97 DAYS

KEY FEATURES:
- High yield potential 97 RM hybrid
- Excellent drought tolerance
- Significant NCLB tolerance improvement over previous offerings
- Below average gray leaf spot (GLS) and tar spot tolerance
- Likely fungicide candidate in areas with GLS and tar spot pressure

OPTIMUM PLANTING RATES:
Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive Soils. 32,000-34,000

AVAILABLE TRAITS:
SC 976PCE™. . . . . HX1, VTP, ENL, LL, RR2
SC 976V™ . . . . . HXX, RW3, VTP, ENL, LL, RR2



Agronomic Ratings 1 to 9 with 9 being the best.
Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), Herculex® XTRA (HXX), a Bt trait (YGCB), LibertyLink® (LL), Enlist® (ENL), an above ground trait (VTP), Vorceed® (V), RNAi (RW3)

SC 1003™ brand (Non-GMO) | SC 1003AM™ brand SC 1003Q™ brand

RELATIVE MATURITY
100 DAYS

KEY FEATURES:

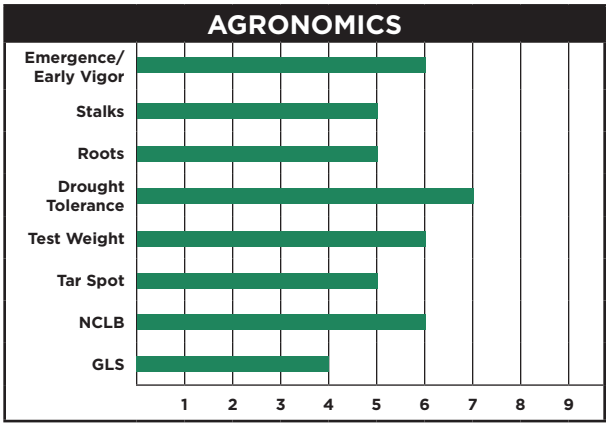
- Exceptional yield potential
- Great companion hybrid for SC 1018AM™ brand
- Proven eastern adaptation
- Performs across a wide range of yield environments
- Excellent NCLB tolerance
- Exceptional drought tolerance

OPTIMUM PLANTING RATES:

Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

AVAILABLE TRAITS:

SC 1003AM™. . . . . RR2, HX1, LL, YGCB
SC 1003Q™ . . . . . .YGCB, RW, HXX, LL, RR2



NEW

SC 1006PCE™ brand | SC 1006V™ brand

RELATIVE MATURITY
100 DAYS

KEY FEATURES:

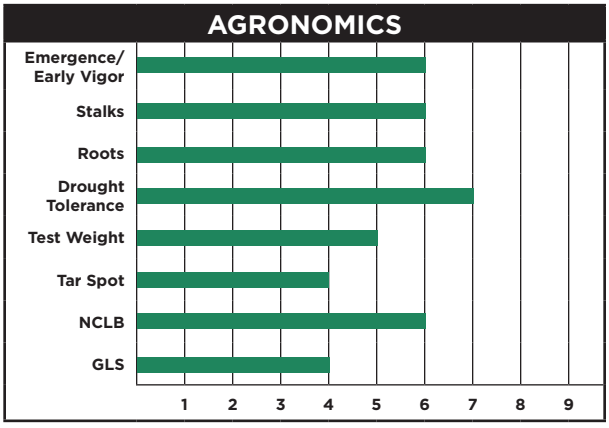
- Balanced agronomics
- Fast dry down
- Best performance in zone and north
- Girthy ear type
- Good NCLB tolerance
- Fungicide may be necessary in heavy GLS and tar spot environments

OPTIMUM PLANTING RATES:

Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive Soils. 32,000-34,000

AVAILABLE TRAITS:

SC 1006PCE™. . . . . HX1, VTP, ENL, LL, RR2
SC 1006V™ . . . . . HXX, RW3, VTP, ENL, LL, RR2



Agronomic Ratings 1 to 9 with 9 being the best.
Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), Herculex® XTRA (HXX), a Bt trait (YGCB), LibertyLink® (LL), Agrisure® Rootworm (RW), Qrome® (Q), Enlist® (ENL), an above ground trait (VTP), Vorceed® (V), RNAi (RW3)

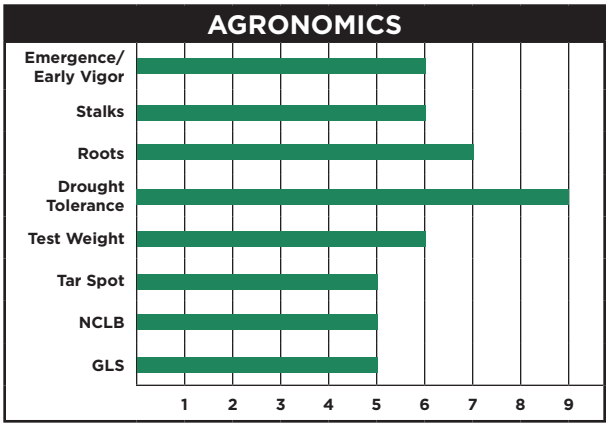
SC 1018™ brand (Non-GMO) | SC 1018AM™ brand SC 1018AMXT™ brand

RELATIVE MATURITY
101 DAYS
OPTIMUM® AQUAMAX® BRAND

KEY FEATURES:
- Consistent outstanding performance in SC replicated testing
- 101 RM hybrid that moves south of zone well
- Outstanding drought tolerance: Designated Optimum® AQUAmax® brand
- Dual purpose hybrid for silage and grain
- Exceptional plant health and staygreen
- Excellent grain quality: food grade potential

OPTIMUM PLANTING RATES:
Less Productive Soils 29,000-31,000
Moderately Productive Soils 31,000-33,000
Highly Productive Soils. 33,000-35,000

AVAILABLE TRAITS:
SC 1018AM™ . . . . . .RR2, HX1, LL, YGCB
SC 1018AMXT™. . RR2, HXX, Agrisure® RW, LL, YGCB

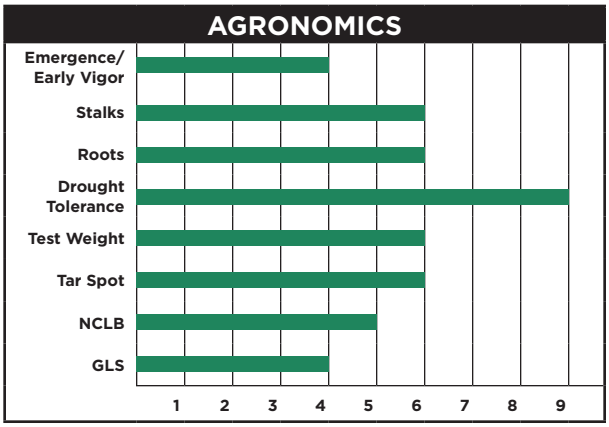


SC 1025™ brand (Non-GMO)

RELATIVE MATURITY
102 DAYS
OPTIMUM® AQUAMAX® BRAND

KEY FEATURES:
- Workhorse performance with top-end yield potential
- Slow dry down--consider plant date, placement, and end use
- Improved test weight
- Improved agronomics: more consistent tip fill and overall plant integrity
- Designated Optimum® AQUAmax® brand drought tolerance
- Below average stress emergence
- Use caution when planting very early or into high crop residue environments

OPTIMUM PLANTING RATES:
Less Productive Soils 29,000-31,000
Moderately Productive Soils 31,000-33,000
Highly Productive Soils. 33,000-35,000



Agronomic Ratings 1 to 9 with 9 being the best.
Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), Herculex® XTRA (HXX), a Bt trait (YGCB), LibertyLink® (LL), Agrisure® Rootworm (RW)

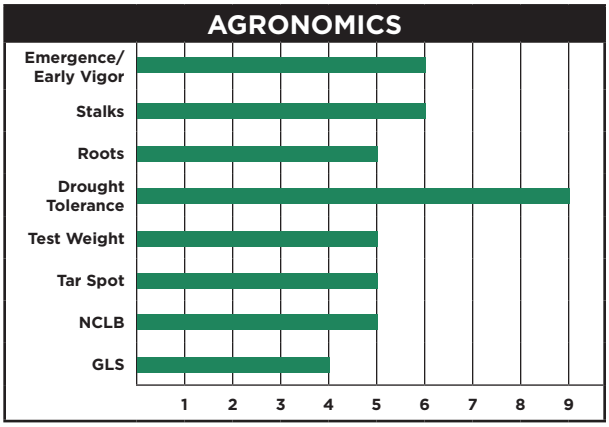
SC 1042™ brand (Non-GMO) | SC 1042Q™ brand

RELATIVE MATURITY
104 DAYS
OPTIMUM® AQUAMAX® BRAND

KEY FEATURES:
- Proven performance with yield punch for the east
- Solid agronomic package
- Very good emergence
- Good NCLB tolerance
- Outstanding drought tolerance: Designated Optimum® AQUAmax® brand
- Food grade candidate

OPTIMUM PLANTING RATES:
Less Productive Soils 29,000-31,000
Moderately Productive Soils 31,000-33,000
Highly Productive Soils. 33,000-35,000

AVAILABLE TRAITS:
SC 1042Q™ . . . . . .YGCB, RW, HXX, LL, RR2



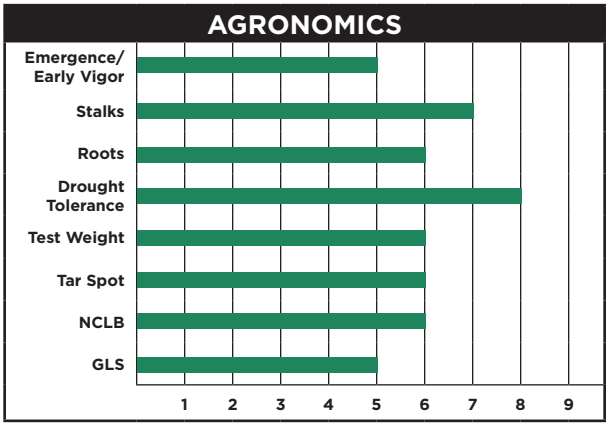
SC 1055™ brand (Non-GMO) | SC 1055PCE™ brand SC 1055V™ brand

RELATIVE MATURITY
105 DAYS

KEY FEATURES:
- High yield potential product with attractive look throughout growing season
- Good late season intactness through harvest
- Good combination of health and agronomics
- Solid emergence
- Broad adaptability allows movement north and south of zone
- Strong tolerance to tar spot

OPTIMUM PLANTING RATES:
Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

AVAILABLE TRAITS:
SC 1055PCE™ . . . . . HX1, VTP, ENL, LL, RR2
SC 1055V™. . . . . HXX, RW3, VTP, ENL, LL, RR2



Agronomic Ratings 1 to 9 with 9 being the best.
Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), Herculex® XTRA (HXX), a Bt trait (YGCB), LibertyLink® (LL), Agrisure® Rootworm (RW), Qrome® (Q), Enlist® (ENL), an above ground trait (VTP), Vorceed® (V), RNAi (RW3)

NEW

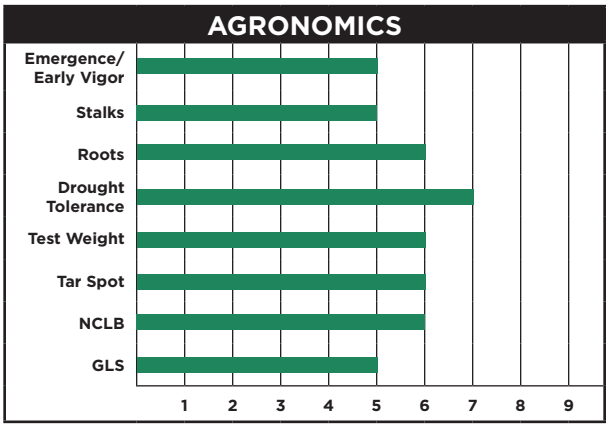
SC 1066PCE™ brand

RELATIVE MATURITY
106 DAYS

KEY FEATURES:
- Above average drought tolerance
- Robust roots
- Excellent option for a range of varying environments
- Good NCLB and tar spot tolerance
- Monitor late season stalk integrity

OPTIMUM PLANTING RATES:
Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

AVAILABLE TRAITS:
SC 1066PCE™ . . . . . HX1, VTP, ENL, LL, RR2



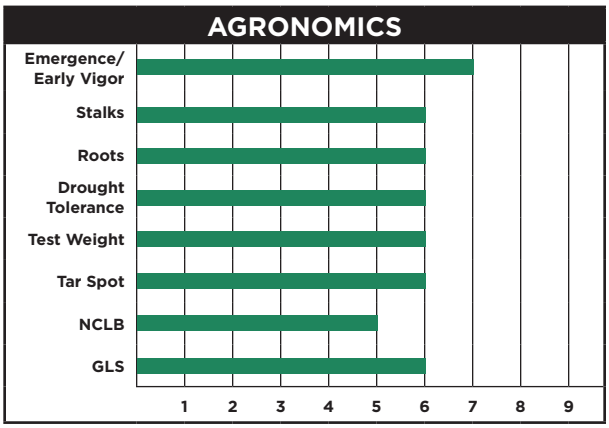
SC 1084AM™ brand

RELATIVE MATURITY
108 DAYS
OUTSTANDING YIELD POTENTIAL

KEY FEATURES:
- Strong GLS tolerance
- Improved NCLB resistance compared to SC 1087AM™ brand
- Medium plant stature
- Dependable root strength and good stalks
- Strong early vigor
- Strong hybrid with bias to the eastern Corn Belt

OPTIMUM PLANTING RATES:
Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive Soils. 32,000-34,000

AVAILABLE TRAITS:
SC 1084AM™. . . . . RR2, HX1, LL, YGCB



Agronomic Ratings 1 to 9 with 9 being the best.
Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), a Bt trait (YGCB), LibertyLink® (LL), Agrisure® Rootworm (RW), Enlist® (ENL), an above ground trait (VTP)

NEW

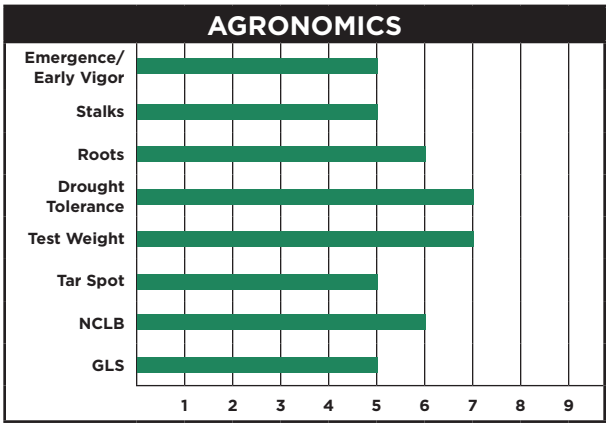
SC 1086PCE™ brand

RELATIVE MATURITY
108 DAYS
CONSISTENT PERFORMANCE IN VARYING ENVIRONMENTS

KEY FEATURES:
- Hybrid biased to the eastern Corn Belt
- Medium plant stature
- Excellent late season intactness
- Strong NCLB tolerance
- Average GLS tolerance
- High test weight
- Food grade potential

OPTIMUM PLANTING RATES:
Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

AVAILABLE TRAITS:
SC 1086PCE™ . . . . . HX1, VTP, ENL, LL, RR2



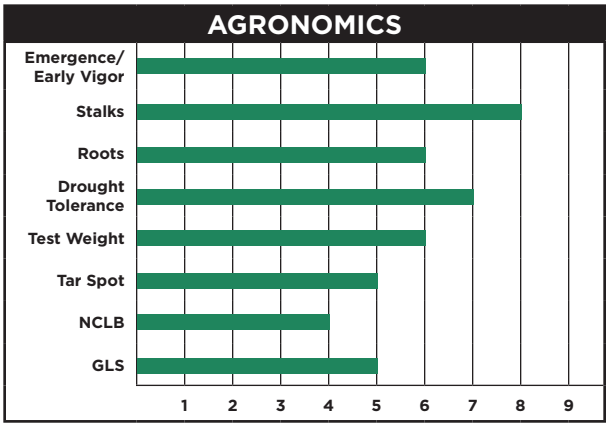
SC 1087™ brand (Non-GMO) | SC 1087AM™ brand

RELATIVE MATURITY
108 DAYS
CONSISTENT EASTERN CORN BELT YIELD LEADER

KEY FEATURES:
- Multi-year dominant yield performance
- Outstanding hybrid targeted for eastern Corn Belt soils
- Elite genetics with strong drought tolerance
- Impressive 3rd party and SC testing performance
- Girthy ear with nice flex
- May require a fungicide for NCLB

OPTIMUM PLANTING RATES:
Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

AVAILABLE TRAITS:
SC 1087AM™ . . . . . RR2, HX1, LL, YGCB



Agronomic Ratings 1 to 9 with 9 being the best.
Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), Herculex® XTRA (HXX), a Bt trait (YGCB), LibertyLink® (LL), Agrisure® Rootworm (RW), Qrome® (Q), Enlist® (ENL), an above ground trait (VTP)

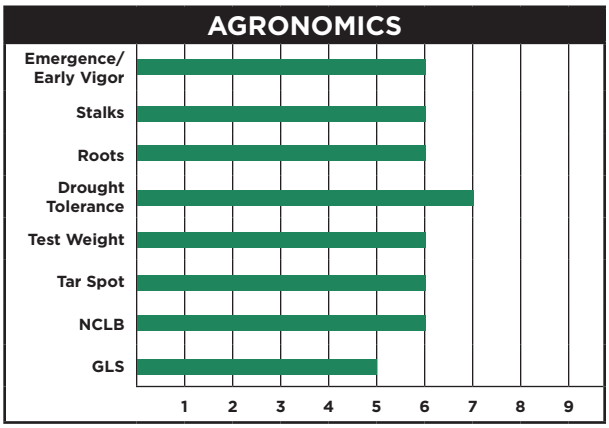
SC 1093™ brand (Non-GMO) | SC 1093AM™ brand

RELATIVE MATURITY
109 DAYS

KEY FEATURES:
- Outstanding eastern yield leader
- Proven performance over elite hybrids
- Very good NCLB and GLS tolerance
- Medium-tall plant stature
- Exceptional stalks and roots
- Food grade candidate

OPTIMUM PLANTING RATES:
Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive Soils. 32,000-34,000

AVAILABLE TRAITS:
SC 1093AM™. . . . . RR2, HX1, LL, YGCB



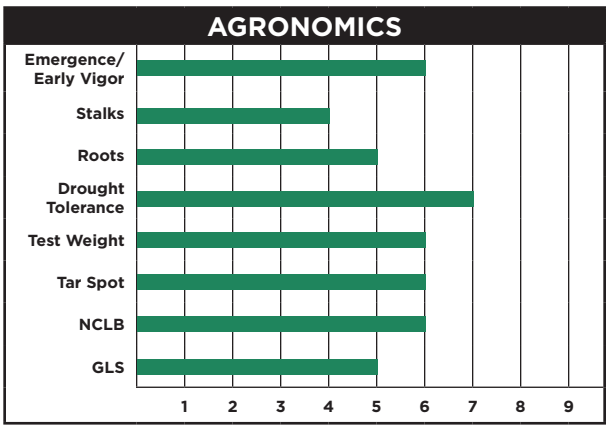
SC 1094™ brand (Non-GMO) | SC 1094PCE™ brand SC 1094V™ brand

RELATIVE MATURITY
109 DAYS

KEY FEATURES:
- Outstanding eastern yield leader
- Proven performance over elite hybrids
- Very good NCLB and GLS tolerance
- Moderate plant stature
- Good roots

OPTIMUM PLANTING RATES:
Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive Soils. 32,000-34,000

AVAILABLE TRAITS:
SC 1094PCE™. . . . . HX1, VTP, ENL, LL, RR2
SC 1094V™ . . . . . HXX, RW3, VTP, ENL, LL, RR2



Agronomic Ratings 1 to 9 with 9 being the best.

Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), Herculex® XTRA (HXX), a Bt trait (YGCB), LibertyLink® (LL), Agrisure® Rootworm (RW), Enlist® (ENL), an above ground trait (VTP), Vorceed® (V), RNAi (RW3)

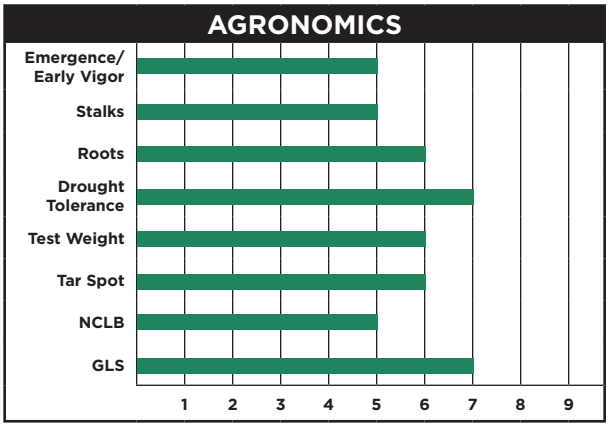
SC 1105PCE™ brand

RELATIVE MATURITY
110 DAYS

KEY FEATURES:
- Medium-tall plant stature with lower ear placement
- Above average roots and stalks
- High tolerance to GLS
- Good NCLB tolerance
- Broad adaptability
- Good staygreen with attractive appearance in fall

OPTIMUM PLANTING RATES:
Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive Soils. 32,000-34,000

AVAILABLE TRAITS:
SC 1105PCE™. . . . . HX1, VTP, ENL, LL, RR2



SC 1112AM™ brand | SC 1112Q™ brand

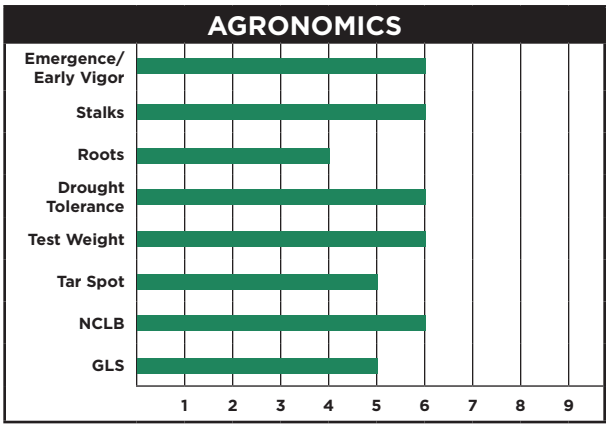
RELATIVE MATURITY
111 DAYS

CONSISTENT GENETICS WITH PROVEN EASTERN CORN BELT PERFORMANCE

KEY FEATURES:
- Impressive eastern performance
- Very good NCLB and good GLS tolerance
- Bred to work across all soil types
- Very good plant health and late-season intactness
- Good drought tolerance

OPTIMUM PLANTING RATES:
Less Productive Soils 27,000-29,000
Moderately Productive Soils 29,000-31,000
Highly Productive Soils. 31,000-33,000

AVAILABLE TRAITS:
SC 1112AM™ . . . . . RR2, HX1, LL, YGCB
SC 1112Q™. . . . . .YGCB, RW, HXX, LL, RR2



Agronomic Ratings 1 to 9 with 9 being the best.
Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), Herculex® XTRA (HXX), a Bt trait (YGCB), LibertyLink® (LL), Agrisure® Rootworm (RW), Qrome® (Q), Enlist® (ENL), an above ground trait (VTP)

NEW

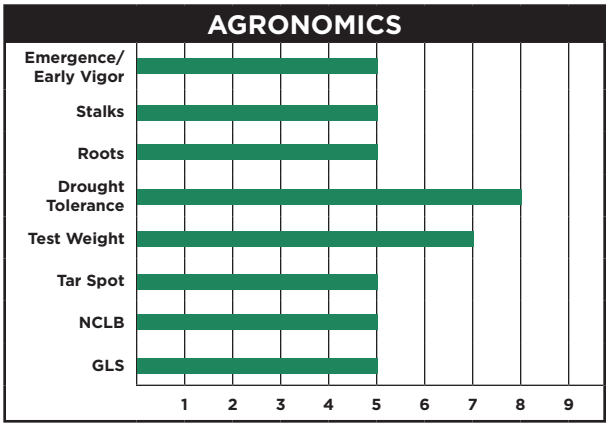
SC 1116PCE™ brand

RELATIVE MATURITY
111 DAYS

KEY FEATURES:
- New leader hybrid with high yield potential
- Medium to medium-tall plant stature and ear height
- Excellent drought tolerance
- High ear flex with excellent test weight
- Strong agronomics suited for a broad range of growing environments
- Stalk and root improvement over previous products

OPTIMUM PLANTING RATES:
Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

AVAILABLE TRAITS:
SC 1116PCE™ . . . . . HX1, VTP, ENL, LL, RR2



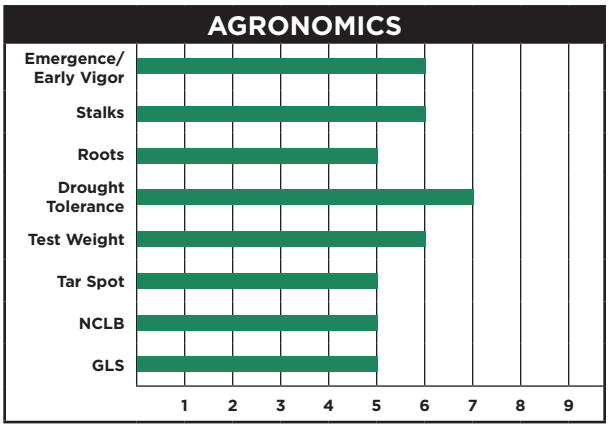
SC 1122™ brand (Non-GMO) | SC 1122Q™ brand

RELATIVE MATURITY
112 DAYS

KEY FEATURES:
- Top-end yield potential
- Strong GLS tolerance, good NCLB tolerance
- Taller plant stature with strong stalks
- Good stress emergence
- Outstanding drought tolerance

OPTIMUM PLANTING RATES:
Less Productive Soils 29,000-31,000
Moderately Productive Soils 31,000-33,000
Highly Productive Soils. 33,000-35,000

AVAILABLE TRAITS:
SC 1122Q™ . . . . . .YGCB, RW, HXX, LL, RR2



Agronomic Ratings 1 to 9 with 9 being the best.

Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), Herculex® XTRA (HXX), a Bt trait (YGCB), LibertyLink® (LL), Agrisure® Rootworm (RW), Qrome® (Q), Enlist® (ENL), an above ground trait (VTP)

SC 1135™ brand (Non-GMO) | SC 1135PCE™ brand SC 1135V™ brand

RELATIVE MATURITY
113 DAYS
GREAT DROUGHT TOLERANCE

KEY FEATURES:

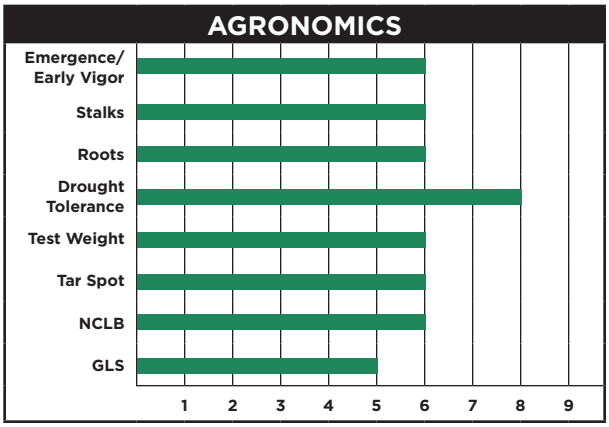
- 113 RM hybrid with outstanding yield performance
- Brings strong agronomic package and broad adaptability
- Average plant and ear height for relative maturity
- Strong drought tolerance brings stable performance
- Improvement in NCLB resistance compared to previous hybrids
- Average GLS tolerance

OPTIMUM PLANTING RATES:

Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive SoilS 32,000-34,000

AVAILABLE TRAITS:

SC 1135PCE™. . . . . HX1, VTP, ENL, LL, RR2
SC 1135V™ . . . . . HXX, RW3, VTP, ENL, LL, RR2



NEW

SC 1166PCUE™ brand

RELATIVE MATURITY
116 DAYS

KEY FEATURES:

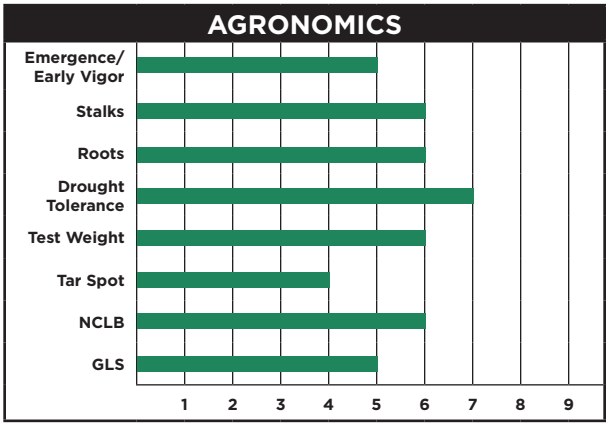
- Full season Seed Consultants brand corn hybrid with Powercore® Ultra Enlist® trait
- Trait package brings top notch insect protection
- Strong agronomics to fit a wide range of growing conditions
- Above average stalks, roots and staygreen
- Above average test weight

OPTIMUM PLANTING RATES:

Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

AVAILABLE TRAITS:

SC 1166PCUE™ . . . AVBL, HX1, VTP, ENL, LL, RR2



Agronomic Ratings 1 to 9 with 9 being the best.
Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), Herculex® XTRA (HXX), a Bt trait (YGCB), LibertyLink® (LL), Agrisure® Rootworm (RW), Enlist® (ENL), an above ground trait (VTP), Vorceed® (V), RNAi (RW3)

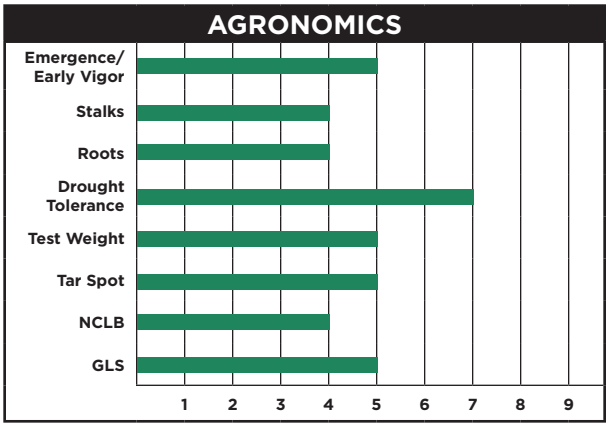
SC 1170AM™ brand

RELATIVE MATURITY
117 DAYS

KEY FEATURES:
- Widely adapted high-yield potential hybrid
- Exceptional dual purpose option
- Very good drought tolerance

OPTIMUM PLANTING RATES:
Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

AVAILABLE TRAITS:
SC 1170AM™ . . . . . RR2, HX1, LL, YGCB



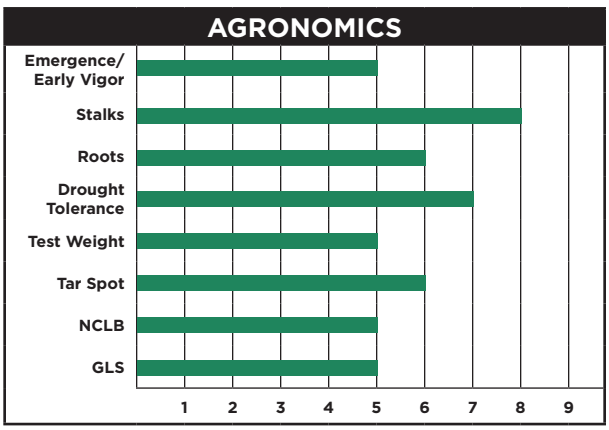
SC 1183AM™ brand

RELATIVE MATURITY
118 DAYS

KEY FEATURES:
- Good plant health
- Dual purpose with proven silage potential
- Outstanding stalks with great roots
- Superior drought tolerance

OPTIMUM PLANTING RATES:
Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

AVAILABLE TRAITS:
SC 1183AM™. . . . . RR2, HX1, LL, YGCB



Agronomic Ratings 1 to 9 with 9 being the best.
Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), a Bt trait (YGCB), LibertyLink® (LL)

SC 1185V™ brand

RELATIVE MATURITY
118 DAYS

KEY FEATURES:

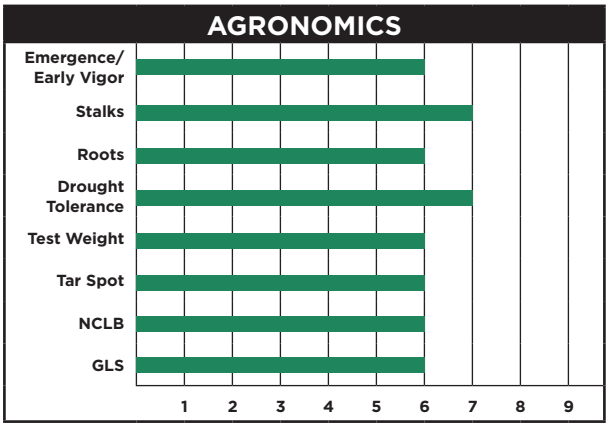
- 118 RM leader hybrid with dual purpose utility
- Offers strong agronomic package
- Above average stalks with strong roots and nice staygreen through maturity
- Brings optimal traits for corn-on-corn acres
- Good overall disease package
- Above average NCLB and GLS tolerance

OPTIMUM PLANTING RATES:

Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

AVAILABLE TRAITS:

SC 1185V™ . . . . . HXX, RW3, VTP, ENL, LL, RR2



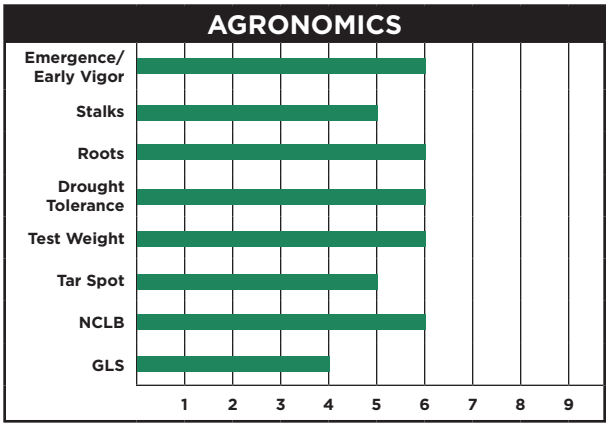
Agronomic Ratings 1 to 9 with 9 being the best.
Roundup Ready® Corn 2 (RR2), Herculex® XTRA (HXX), LibertyLink® (LL), Enlist® (ENL), an above ground trait (VTP), Vorceed® (V) and RNAi (RW3)

SC 931N™ brand (Organic)

RELATIVE MATURITY
93 DAYS

KEY FEATURES:
- Exceptional emergence--plant first
- Elite yielding genetics for the eastern Corn Belt
- Impressive girthy ear with flex
- Strong foliar resistance to northern corn leaf blight (NCLB)
- Exceptional grain quality and test weight

OPTIMUM PLANTING RATES:
Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive Soils 32,000-34,000

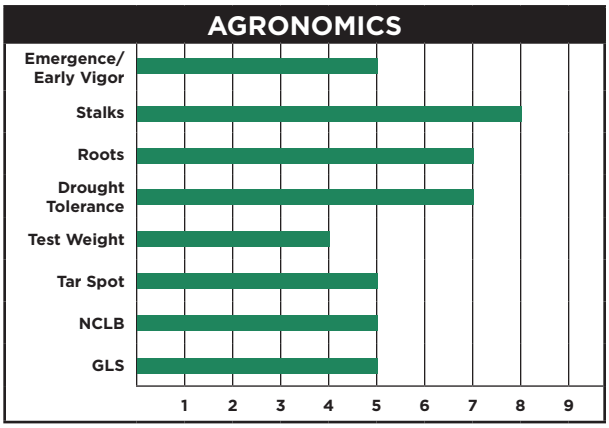


SC 965N™ brand (Organic)

RELATIVE MATURITY
96 DAYS

KEY FEATURES:
- 96 RM hybrid that moves south of zone
- Excellent stalks and roots
- Dependable foliar disease tolerance
- Very good drought tolerance

OPTIMUM PLANTING RATES:
Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive Soils. 32,000-34,000

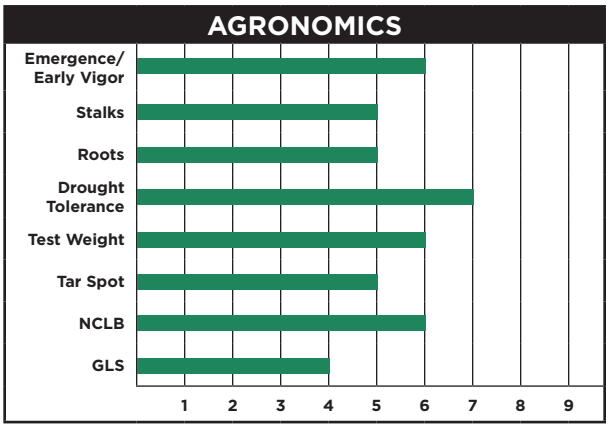


SC 1003N™ brand (Organic)

RELATIVE MATURITY
100 DAYS

KEY FEATURES:
- Exceptional yield potential
- Proven eastern adaptation
- Performs across a wide range of yield environments
- Excellent NCLB tolerance
- Exceptional drought tolerance

OPTIMUM PLANTING RATES:
Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils 30,000-32,000

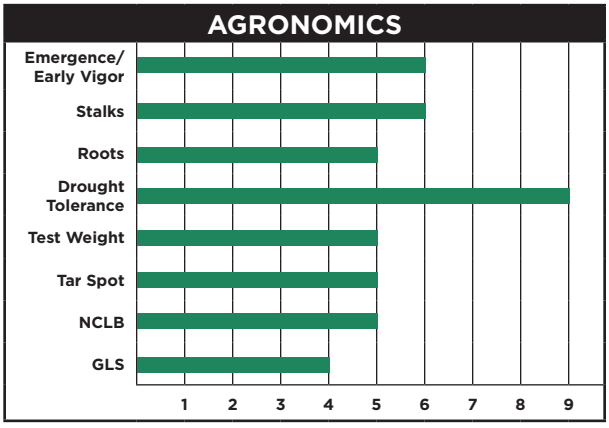


SC 1042N™ brand (Organic)

RELATIVE MATURITY
104 DAYS
OPTIMUM® AQUAMAX® BRAND

KEY FEATURES:
- Proven performance with yield punch for the east
- Solid agronomic package
- Very good emergence
- Good NCLB tolerance
- Outstanding drought tolerance: Designated Optimum® AQUAmax® brand

OPTIMUM PLANTING RATES:
Less Productive Soils 29,000-31,000
Moderately Productive Soils 31,000-33,000
Highly Productive Soils 33,000-35,000

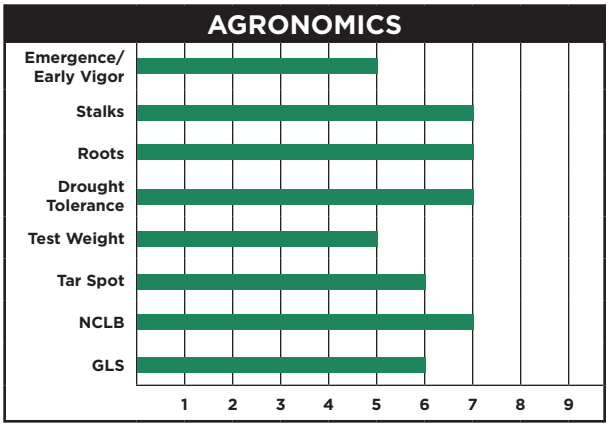


SC 1043N™ brand (Organic)

RELATIVE MATURITY
104 DAYS

KEY FEATURES:
- Widely adapted yield leader for maturity
- Proven, consistent performance in the eastern Corn Belt
- Outstanding agronomics and disease tolerance
- Impressive top-end yield potential

OPTIMUM PLANTING RATES:
Less Productive Soils 29,000-31,000
Moderately Productive Soils 31,000-33,000
Highly Productive Soils 33,000-35,000



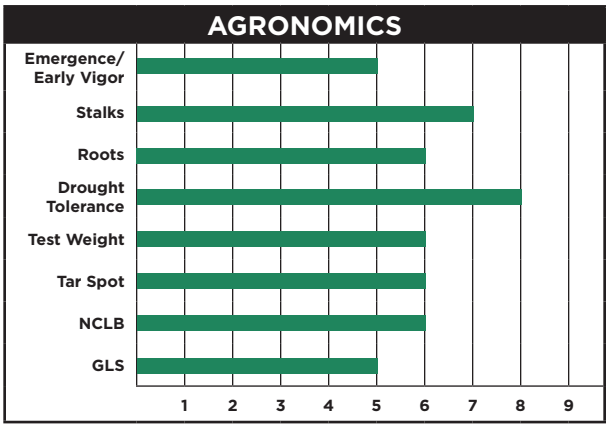
NEW

SC 1055N™ brand (Organic)

RELATIVE MATURITY
105 DAYS

KEY FEATURES:
- High yield potential product with attractive look throughout growing season
- Good late season intactness through harvest
- Good combination of health and agronomics
- Solid emergence
- Broad adaptability allows movement north and south of zone
- Strong tolerance to tar spot

OPTIMUM PLANTING RATES:
Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils. 30,000-32,000

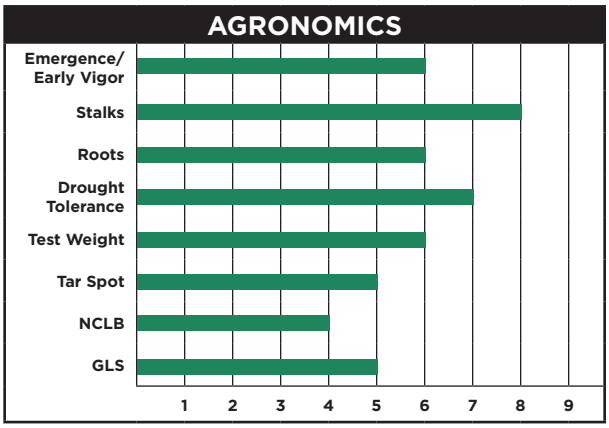


SC 1087N™ brand (Organic)

RELATIVE MATURITY
108 DAYS

KEY FEATURES:
- Multi-year dominant yield performance
- Outstanding hybrid targeted for eastern Corn Belt soils
- Elite genetics with excellent drought tolerance
- Impressive 3rd party and SC testing performance
- Girthy ear with nice flex

OPTIMUM PLANTING RATES:
Less Productive Soils 26,000-28,000
Moderately Productive Soils 28,000-30,000
Highly Productive Soils 30,000-32,000



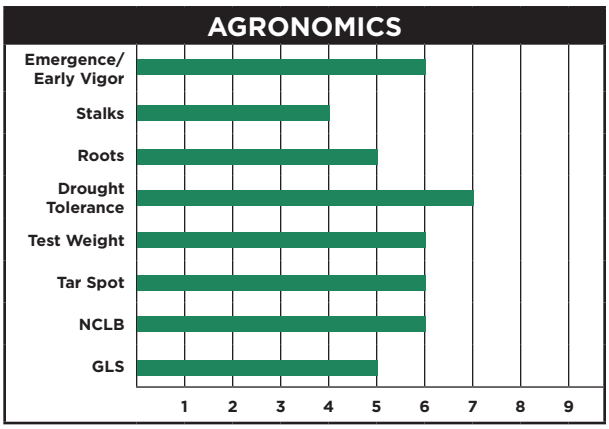
NEW

SC 1094N™ brand (Organic)

RELATIVE MATURITY
109 DAYS

KEY FEATURES:
- Outstanding eastern yield leader
- Proven performance over elite hybrids
- Very good NCLB and gray leaf spot (GLS) tolerance
- Moderate plant stature
- Good roots

OPTIMUM PLANTING RATES:
Less Productive Soils 28,000-30,000
Moderately Productive Soils 30,000-32,000
Highly Productive Soils 32,000-34,000



ADDITIONAL HYBRIDS

SC 973™ brand (Non-GMO) | SC 973Q™ brand

RELATIVE MATURITY
97 DAYS

KEY FEATURES:
- Dependable yield potential
- Very good test weight
- Widely adapted
- Good stalks, outstanding roots
- Very good drought tolerance
- Very good husk coverage

SC 1071AM™ brand | SC 1071Q™ brand

RELATIVE MATURITY
107 DAYS

KEY FEATURES:
- 107 day hybrid with impressive yield potential
- Outstanding emergence--plant first
- Outstanding ear flex
- Very good grain quality and test weight
- Outstanding 3rd party performance across SC footprint

SC 1136LRE™ brand

RELATIVE MATURITY
113 DAYS

KEY FEATURES:
- Impressive agronomics: stalks, roots, and staygreen
- Very good drought tolerance
- Good tolerance to gray leaf spot (GLS) and northern corn leaf blight (NCLB)
- Excellent grain quality; food grade potential
- Impressive girthy ear with nice flex
- Best performance at moderate populations

SC 1139Q™ brand

RELATIVE MATURITY
113 DAYS

KEY FEATURES:
- Consistent eastern Corn Belt yield leader
- Excellent drought tolerance
- Responds to higher plant populations
- Exceptional test weight and grain quality
- Very good staygreen
- Food grade candidate

Agronomic Ratings 1 to 9 with 9 being the best.

Roundup Ready® Corn 2 (RR2), Herculex® I (HX1), Herculex® XTRA (HXX), a Bt trait (YGCB), LibertyLink® (LL), Agrisure® Rootworm (RW), Qrome® (Q), an above ground trait (VTP)

SC 1154™ brand (Non-GMO) | SC 1154AM™ brand SC 1154Q™ brand

RELATIVE MATURITY
115 DAYS

KEY FEATURES:

- Consistent high yield potential paired with good agronomics
- Good performance across varying growing conditions
- Earlier silk than others in 115 maturity zone
- Strong drought tolerance
- Above average stalks and roots
- Very good NCLB tolerance
- High test weight
- Food grade candidate

SC 1158AM™ brand

RELATIVE MATURITY
115 DAYS

KEY FEATURES:

- 115 day hybrid with excellent drydown
- Taller stature, upright leaves, outstanding stalks and roots
- Very good plant health and drought tolerance for eastern growing environments
- Exceptional agronomics
- Excellent grain quality; food grade potential

SC 1188LRE™ brand

RELATIVE MATURITY
118 DAYS

KEY FEATURES:

- Taller plant stature with excellent stalks and roots
- Exceptional test weight and grain quality; food grade potential
- Excellent drought tolerance

Corn Disease Resistance Evaluation

	RM	TAR SPOT	GLS	NCLB	ANTHR	GW	S. RUST
SC 833™ brand	83			5		6	
SC 856™ brand	85			5		6	
SC 864™ brand	86			6		5	
SC 893™ brand	89			5		6	
SC 901™ brand	90	6		6		6	
SC 906™ brand	90	5		5		6	
SC 931™ brand	93	5	4	6		7	
SC 946™ brand	94	4	4	4		6	
SC 964™ brand	96	4	4	6		7	
SC 965™ brand	96	5	5	5		6	
SC 973™ brand	97	6	4	4		7	
SC 976™ brand	97	3	3	6		6	
SC 1003™ brand	100	5	4	6		7	
SC 1006™ brand	100	4	4	6		5	
SC 1018™ brand	101	5	5	5	3	6	
SC 1025™ brand	102	6	4	5	3	7	
SC 1042™ brand	104	5	4	5	4	7	
SC 1043™ brand	104	6	6	7	4	7	4
SC 1055™ brand	105	6	5	6	5	6	
SC 1066™ brand	106	6	5	6	5	6	
SC 1071™ brand	107	5	5	4	4	6	4
SC 1084™ brand	108	6	6	5	4	6	3
SC 1086™ brand	108	5	5	6	6	5	4
SC 1087™ brand	108	5	5	4	5	5	4
SC 1093™ brand	109	6	5	6	5	6	3
SC 1094™ brand	109	6	5	6	4	6	4
SC 1105™ brand	110	6	6	5	5	6	4
SC 1112™ brand	111	5	5	6	5	6	5
SC 1116™ brand	111	5	5	5	5	6	4
SC 1122™ brand	112	5	5	5	5	7	5
SC 1135™ brand	113	6	5	6	5	6	4
SC 1136™ brand	113		5	5	5	6	5
SC 1139™ brand	113	5	5	5	4	4	4
SC 1154™ brand	115	5	5	7	5	7	5
SC 1158™ brand	115	5	5	5	4	6	3
SC 1166™ brand	116	4	5	6	5	5	4
SC 1170™ brand	117	5	5	4	4	6	3
SC 1183™ brand	118	6	5	5	5	7	4
SC 1185™ brand	118	6	6	6	6	7	5
SC 1188™ brand	118		5	5	4	5	

Ratings are based on replications of data generated by Seed Consultants Inc. and Corteva Agriscience. These ratings serve as a guide for selection and management of products. Individual product responses may vary depending on growing environment.

Due to uncontrollable variables, in no way does Seed Consultants Inc., make any guarantee, implied or otherwise as to the validity of this data.

GLS = GLS
NCLB = Northern Corn Leaf Blight
ANTHR = Anthracnose Stalk Rot
GW = Goss's Wilt
S. RUST = Southern Rust
Blank cell = Not Rated

9.0 = Excellent Resistance
7.5 = Good Resistance
5.0 = Intermediate
2.5 = Below Average Resistance
1.0 = Poor Resistance Level

SUPER SELECT SILAGE

Buy into higher-quality, higher-tonnage silage for more milk per acre

Backed by world-class Corteva Agriscience research efforts, Super Select silage products are hand-selected, rigorously tested and proven to excel in the eastern Corn Belt. Maximize your corn silage production with high-performing silage tailored to your growing conditions.

Get superior silage characteristics:

- Tonnage
- Digestibility
- Feed value
- Starch
- Protein

Plus, every Seed Consultants sales professional brings agronomic knowledge specific to the eastern Corn Belt, helping place your silage products to succeed.

Super Silage Hybrids	RM	Silage RM	Tons/ Acre	NDF%	Starch	Digestibility	Protein	Milk/ Ton	Milk/ Acre
SC 856™ brand	85	86	8	8	7	7	7	7	8
SC 864™ brand	86	88	7	7	8	7	7	8	7
SC 901™ brand	90	89	9	8	8	7	5	9	9
SC 946™ brand	94	93	7	7	9	6	6	8	7
SC 964™ brand	96	98	8	8	8	7	6	7	8
SC 1006™ brand	100	98	8	9	8	8	7	8	8
SC 1018™ brand	101	106	8	7	6	8	7	8	9
SC 1042™ brand	104	104	9	8	8	7	6	7	8
SC 1055™ brand	105	103	9	8	7	7	6	7	9
SC 1084™ brand	108	111	8	9	8	6	7	7	8
SC 1093™ brand	109	115	8	9	7	6	7	7	8
SC 1094™ brand	109	113	8	6	8	6	8	7	8
SC 1105™ brand	110	111	9	7	7	7	7	7	8
SC 1116™ brand	111	110	8	7	7	7	6	7	8
SC 1122™ brand	112	113	8	8	8	8	7	8	8
SC 1135™ brand	113	113	7	8	7	8	7	7	7
SC 1154™ brand	115	118	8	9	7	9	7	7	7
SC 1166™ brand	116	114	8	7	7	8	6	7	8
SC 1183™ brand	118	117	9	6	7	8	6	7	9
SC 1185™ brand	118	115	8	7	6	8	7	7	8

Ratings 1 to 9 with 9 being the best

RM – Relative Maturity
Tons/Acre – Amount of forage per acre
NDF – Neutral Detergent Fiber
NEL – Net Energy Lactation
Digestibility – Based on in vitro dry matter digestion

Yield – Dry matter yield per acre
Milk/Ton – Potential to produce milk per ton of silage
Milk/Acre – Potential milk production per acre of silage and combines milk/ton with dry matter yield

WHAT'S IN THE BAG

INTEGRATED REFUGE SOLUTIONS

Product Name	Insect Protection	Components	Refuge Requirements
Optimum AcreMax ABOVE	ABOVE	**INTEGRATED** ● **95%** (YGCB, HX1, LL, RR2) ● **5%** (LL, RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.
POWERCORE Enlist REFUGE ADVANCED	ABOVE	**INTEGRATED** ● **95%** (HX1, VTP, ENL, LL, RR2) ● **5%** (ENL, LL, RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.
POWERCORE ULTRA Enlist REFUGE ADVANCED	ABOVE	**INTEGRATED** ● **95%** (AVBL, HX1, VTP, ENL, LL, RR2) ● **5%** (ENL, LL, RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.
QROME	ABOVE BELOW	**INTEGRATED** ● **95%** (RW, YGCB, HXX, LL, RR2) ● **5%** (LL, RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.
VORCEED Enlist	ABOVE BELOW	**INTEGRATED** ● **95%** (HXX, RW3, VTP, ENL, LL, RR2) ● **5%** (ENL, LL, RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.
Optimum AcreMax ABOVE BELOW XTreme	ABOVE BELOW	**INTEGRATED** ● **95%** (RW, YGCB, HXX, LL, RR2) ● **5%** (LL, RR2)	Additional 20% corn borer refuge is required in EPA-designated cotton counties.

To protect the usefulness and availability of these technologies for the future, growers must implement an Insect Resistance Management (IRM) program as specified in product use guides.

For detailed IRM requirements for products with in-plant insect resistance, refer to the appropriate product use guide, available from your sales professional.

LIBERTY LINK® Roundup Ready CORN 2 AgrisureRW AgrisureViptera®

™,® Trademarks of Corteva Agriscience and its affiliated companies.

AM - Optimum® AcreMax® insect protection system with YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax products.

AMT - Optimum® AcreMax® TRIsect® insect protection system with RW, YGCB, HX1, LL, RR2. Contains a single-bag refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the Bt trait, and the Herculex® I gene. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax TRIsect products.

AMX - Optimum® AcreMax® Xtra insect protection system with YGCB, HXX, LL, RR2. Contains a single-bag integrated refuge solution for above- and below-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax Xtra products.

AMXT (Optimum® AcreMax® XTreme) - Contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the Bt trait and the Herculex® XTRA gene. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax XTreme products.

Q (Qrome®) - Contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the Bt trait, and the Herculex® XTRA gene. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Qrome products.

YGCB,HX1,LL,RR2 (Optimum® Intrasect®) - Contains the Bt trait and Herculex® I gene for resistance to corn borer.

V – Vorceed® Enlist® products with V, LL, RR2, ENL. Contains a single-bag integrated refuge solution with multiple modes of action for above- and below-ground insects. The major component contains the Herculex® XTRA genes, the RW3 trait and the VTP trait. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted for Vorceed Enlist products.

PCE - Powercore® Enlist® Refuge Advanced® corn products with HX1, VTP, ENL, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with PowerCore Enlist Refuge Advanced products.

PCUE - Powercore® Ultra Enlist® Refuge Advanced® corn products with AVBL, HX1, VTP, ENL, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with PowerCore Ultra Enlist Refuge Advanced products.

HX1 - Contains the Herculex® I insect protection gene which provides protection against European corn borer, southwestern corn borer, black cutworm, fall armyworm, lesser corn stalk borer, southern corn stalk borer, and sugarcane borer; and suppresses corn earworm.

HXX - Herculex® XTRA contains the Herculex® I and Herculex® RW gene.

YGCB - The Bt trait offers a high level of resistance to European corn borer, southwestern corn borer and southern cornstalk borer; moderate resistance to corn earworm and common stalk borer; and above average resistance to fall armyworm.

LL - Contains the LibertyLink® gene for resistance to glufosinate herbicide.

LR - Contains the LibertyLink® gene and the Roundup Ready® Corn 2 trait.

RR2 - Contains the Roundup Ready® Corn 2 trait that provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions.

Vorceed® Enlist® contains a single-bag integrated refuge solution with multiple modes of action for above- and below-ground insects. The major component contains the Herculex® XTRA genes, the RW3 trait and the VTP trait. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted Vorceed Enlist products.

Qrome products contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the Bt trait, and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Qrome products.

POWERCORE® is a registered trademark of Bayer Group. POWERCORE® multi-event technology developed by Corteva Agriscience and Bayer Group. Always follow IRM, grain marketing and all other stewardship practices and pesticide label directions. B.t. products may not yet be registered in all states. Check with your seed representative for the registration status in your state.

SmartStax® multi-event technology developed by Corteva Agriscience and Bayer Group. ®SmartStax and the SmartStax Logo are registered trademarks of Bayer Group.

®Roundup and Roundup Ready are registered trademarks of Bayer Group.

LibertyLink® and the Water Droplet Design are registered trademarks of BASF.

Agrisure® and Agrisure Viptera® are registered trademarks of, and used under license from, a Syngenta Group Company. Mir162 is part of Agrisure Viptera® and is a registered trademark of Syngenta Agro SA. Agrisure® technology incorporated into these seeds is commercialized under a license from Syngenta Crop Protection AG.

Following burndown, Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use with Enlist® crops. Consult Enlist® herbicide labels for weed species controlled. Enlist Duo and Enlist One herbicides are not registered for use or sale in all states and counties; are not registered in AK, CA, CT, HI, ID, MA, ME, MT, NH, NV, OR, RI, UT, VT, WA and WY; and have additional subcounty restrictions in AL, GA, TN and TX, while existing county restrictions still remain in FL. All users must check “Bulletins Live! Two” no earlier than six months before using Enlist One or Enlist Duo. To obtain “Bulletins,” consult epa.gov/espp/, call 1-844-447-3813, or email ESPP@epa.gov. You must use the “Bulletin” valid for the month and state and county in which Enlist One or Enlist Duo are being applied. Contact your state pesticide regulatory agency if you have questions about the registration status of Enlist® herbicides in your area. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO USE ANY PESTICIDE PRODUCT OTHER THAN IN ACCORDANCE WITH ITS LABELING. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USE IN THE STATE OF APPLICATION. USE OF PESTICIDE PRODUCTS, INCLUDING, WITHOUT LIMITATION, 2,4-D-CONTAINING PRODUCTS NOT AUTHORIZED FOR USE WITH ENLIST CROPS, MAY RESULT IN OFF-TARGET DAMAGE TO SENSITIVE CROPS/AREAS AND/OR SUSCEPTIBLE PLANTS, IN ADDITION TO CIVIL AND/OR CRIMINAL PENALTIES. Additional product-specific stewardship requirements for Enlist crops, including the Enlist Product Use Guide, can be found at www.traitstewardship.com. 026972 TR (04/25)

CORTEVA™ agriscience

Corn Replant Decision

Seed Consultants promises to only sell the best quality seed corn backed with the Grower Profit Protection Replant Program, but often times this seed faces insects, flooding, unfavorable seedbeds, etc. You are then faced with the question, SHOULD I REPLANT?

STEP 1: Determine the number of plants per 1/1000 acre at several sites in field
STEP 2: Determine original planting date
STEP 3: Determine likely replanting date
STEP 4: Determine normal replant costs...fuel, herbicide, insecticide, equipment, etc.
STEP 5: Estimate normal yield and expected market price
STEP 6: Estimate yield of existing corn (from chart)
STEP 7: Deduct additional 5% for common gap size greater than 3 feet; if less than 3 feet, deduct 2% for uneven stand
STEP 8: Calculate expected yield from existing corn
STEP 9: Calculate expected yield if replanted (from chart)
FINAL STEP: Evaluate the net gain from replanting against expenses incurred.

Expected Grain Yield Due to Various Planting Dates and Final Plant Populations

Planting Date	10	12	14	16	18	20	22	24	26	28	30	32	34	36
	Percent of Optimum Yield													
April 10	62	68	73	78	82	85	88	91	92	93	94	94	93	91
April 15	65	71	76	81	85	88	91	94	95	96	97	96	96	94
April 20	67	73	78	83	87	90	93	96	97	98	99	98	98	96
April 25	68	74	79	84	88	92	94	97	98	99	100	100	99	97
April 30	68	74	79	84	88	92	95	97	99	100	100	100	99	97
May 5	67	73	79	83	87	91	94	96	98	99	99	99	98	97
May 10	65	71	77	82	86	89	92	94	96	97	97	97	96	95
May 15	63	69	74	79	83	87	89	92	93	94	95	95	94	92
May 20	59	65	71	75	80	83	86	88	90	91	91	91	90	89
May 25	55	61	66	71	75	79	81	84	85	86	87	87	86	84
May 30	49	55	61	65	70	73	76	78	80	81	81	81	80	70
June 4	43	49	54	59	63	67	70	72	74	75	75	75	74	73
June 9	36	42	47	52	56	60	62	65	66	67	68	68	67	65

Source: E.D. Nafziger, Journal of Production Agriculture 7 (1994): 59-62

RAISE YOUR ABOVEGROUND STANDARDS

PowerCore® Enlist® corn hybrids from Seed Consultants contain elite genetics, above-ground pest control and herbicide-tolerant trait technologies made for the eastern Corn Belt. We help farmers better defend their fields from corn borer, black cutworm and fall armyworm while managing tough weeds with the flexible Enlist® weed control system. Most of all, we're committed to raising expectations — and yield potential — for the eastern Corn Belt.

Seed Consultants
Simply Better
seedconsultants.com

POWERCORE Enlist

SOYBEANS

Seed Consultants
Simply Better

2026 Soybean Seed Treatment Portfolio

Plant Treated

LumiGEN Seed Treatments

PREMIUM PACKAGE

Our powerful combination of 6 different modes of action enhanced by LumiTreo™ fungicide seed treatment is a leader in yield protection against early-season diseases

- LumiTreo™ offers best in class protection against the number one early-season disease in soybeans, *Phytophthora*
- Multiple modes of action against *Pythium, Rhizoctonia, Fusarium* and *Phomopsis* with Sebring® metalaxyl and L-2030R biofungicide helps maximize yield with healthy uniform stand establishment

FUNGICIDE SEED TREATMENT PACKAGE

LumiTreo™
fungicide seed treatment

Lumiante®
fungicide seed treatment

Sebring® metalaxyl

L-2030 R bio-fungicide

INSECTICIDE SEED TREATMENTS

Phalanx™
insecticide seed treatment

Lumiante®

FUNGICIDE SEED TREATMENT

Lumiante® fungicide seed treatment protects seed investments from early season disease pressure, providing control against metalaxyl-resistant *Pythium* species, *Phytophthora* and other water molds (oomycetes)

PROTECTION

Diseases:

- *Phytophthora*
- *Pythium*
- *Fusarium*
- *Rhizoctonia*
- *Phomopsis*

LumiTreo™

FUNGICIDE SEED TREATMENT

LumiTreo™ backed by Lumisena®

Best-in-class protection against *Phytophthora*

4.0 bu/A
yield advantage[1]

in high stress environments vs. high rate metalaxyl

1.0 bu/A
yield advantage[1]

benefit across the farm vs. high rate metalaxyl

PROTECTION AGAINST KEY DISEASES WITH LumiGEN® SEED TREATMENTS FOR SOYBEANS

Brand Name	Active Ingredients	Phytophthora	Pythium	Rhizoctonia	Fusarium	Phomopsis
LumiTreo	Oxathiapiprolin	✔				
	Ipconazole			✔	✔	✔
	Picoxystrobin		✔	✔	✔	
Lumiante	Ethaboxam	✔	✔			
Sebring	Metalaxyl		✔			
L-2030 R bio-fungicide				✔*	✔*	
Number of Modes of Action		2	3	3	3	1

* Labeled suppression

CORTEVA™ agriscience

LumiGEN® Seed Treatment

INSECTICIDE PACKAGE

Invest in a healthy, uniform stand with protection from early-season insects

- For growers who are investing in tools and practices to drive higher yields on their soybean acres
- Phalanx™ insecticide seed treatment, a neonicotinoid insecticide, provides broad-spectrum control of key early season pests

EARLY-SEASON PROTECTION

Insects:

- Bean leaf beetle
- Early season aphids
- Seedcorn maggot
- White grub
- Wireworm
- Thrips

OPTION ON SELECT PRODUCTS

⊕ Add ILEVO® HL seed treatment

Extra protection for fields at risk to soybean cyst nematode (SCN) and sudden death syndrome (SDS)

+6.4 bu/A[2]

Under heavy SDS pressure

ILEVO® HL seed treatment	Saltro®

Soybeans treated with ILEVO® HL seed treatment outperformed Saltro® seed treatment by 1.1 bu/A under soybean cyst nematode pressure and 1.8 bu/A more than the base seed treatment.**

** 2020 data are based on average of all comparisons made in 76 locations across MN, ND, SD, IA, MO, IL, IN and OH through Dec 1, 2020. Multi-year and multi-location is a better predictor of future performance.

[1] Data is based on 638 head-to-head comparisons between Lumisena® fungicide seed treatment (0.568 fl oz/cwt) and metataxyl (0.75 fl oz/cwt) in the top 10 soybean-producing states through Dec. 12, 2017, and subsequent replicated trials in 2018, 2019 and 2020. Comparisons were made utilizing the same soybean variety. DO NOT USE THIS OR ANY OTHER DATA FROM A LIMITED NUMBER OF TRIALS AS A SIGNIFICANT FACTOR IN PRODUCT SELECTION.

[2] Data is based on average of comparisons in Corteva Agronomy Science trials from 2012-2015 at 165 locations.

Lumiderm® INSECTICIDE SEED TREATMENT | Phalanx™ INSECTICIDE SEED TREATMENT | ILEVO® HL Seed Treatment | LumiTreo™ FUNGICIDE SEED TREATMENT | Lumiante® FUNGICIDE SEED TREATMENT

CORTEVA™ agriscience

Enlist E3™	MATURITY	FLOWER COLOR	POD COLOR	HILUM COLOR	HARVEST STANDABILITY	PHYTOPHTHORA FIELD TOLERANCE	PRR GENE RESISTANCE	PUBESCENCE
SC 7106E™ BRAND	1.0	PU	BR	BR	8	5	1K	LTW
SC 7146E™ BRAND	1.4	PU	BR	BL	8	6	1K	LTW
SC 7186E™ BRAND	1.8	PU	BR	BR	9	7	1K	LTW
SC 7215E™ BRAND	2.1	W	TN	BR	5	6	1C	LTW
SC 7234E™ BRAND	2.3	PU	BR	BR	8	4	1K	LTW
SC 7255E™ BRAND	2.5	PU	BR	BL	8	NR	1K, 3A	LTW
SC 7285E™ BRAND	2.8	PU	BR	BL	8	NR	1K, 3A	LTW
SC 7293E™ BRAND	2.9	PU	TN	BL	6	4	1K	LTW
SC 7315E™ BRAND	3.1	PU	TN	BR	6	5	1K	LTW
SC 7326E™ BRAND	3.2	PU	BR	BR	7	7	1K	LTW
SC 7332E™ BRAND	3.3	PU	BR	BR	6	3	1K	LTW
SC 7355E™ BRAND	3.5	PU	BR	BL	7	NR	1K, 3A	LTW
SC 7364E™ BRAND	3.6	W	BR	BL	6	4	1K	LTW
SC 7375E™ BRAND	3.7	PU	BR	BL	7	5	1K	LTW
SC 7385E™ BRAND	3.8	W	BR	BR	7	4	1K	LTW
SC 7416E™ BRAND	4.1	PU	TN	BL	6	6	NG	LTW
SC 7446E™ BRAND	4.4	W	BR	BL	7	7	1K	LTW
SC 7465E™ BRAND	4.6	PU	BR	BL	6	5	NG	LTW
SC 7485E™ brand	4.8	W	BR	BL	6	5	1C	LTW
SC 7516E™ BRAND	5.1	PU	BR	BL	7	7	1K	TW
SC 7562E™ BRAND	5.6	PU	BR	IB	6	5	1K	G

Ratings 1 to 9 with 9 being the best
Stem canker marker: RES: Resistant; SUS: Susceptible

SOYBEANS

EMERGENCE RATING	PLANT HEIGHT	PLANT HABIT	SCN RESISTANCE	BSR	SWM	SDS	FROGEYE LEAF SPOT	CHARCOAL ROT	STEM CANKER TOLERANCE
8	M	MB	R3, R14	6	5	7	8	5	RES
7	M	MB	R1, R3, R5	8	6	6	3	5	RES
7	M	MB	R3, R14	6	6	5	8	4	RES
7	M	MB	R3, R14	8	4	6	5	7	RES
7	M	MB	R1, R3, R5	6	6	6	8	5	RES
9	M	MB	R3, R14	8	4	6	6	6	RES
8	MT	MB	R1, R3, R5	6	5	8	8	4	RES
7	M	MB	R3, R14	8	4	6	6	6	RES
7	MT	MB	R3, R14	8	4	7	6	7	RES
8	M	MB	R3, R14	8	5	7	5	7	RES
7	M	MB	R1, R3, R5	6	3	5	8	7	RES
7	M	B	R3, R14	4	4	4	7	5	RES
7	M	MB	R3, R14	8	NR	5	3	6	RES
7	MS	MB	R3, R14	8	5	6	6	7	RES
7	M	MB	R1, R3, R5	6	4	7	8	7	RES
7	MT	MB	R3, R14	4	NR	5	5	5	RES
7	M	MB	R3, R14	4	NR	7	5	5	RES
7	M	MB	R3, R14	8	NR	7	6	6	RES
6	M	MB	R3, R14	4	NR	7	5	7	RES
6	MS	MB	R3, R14	4	NR	NR	6	6	RES
7	M	B	R3, R14	6	NR	NR	4	7	RES

IMPORTANT: Trait rating scores provide key information useful in selecting and managing products in your area. Information and ratings are based on comparisons with other products sold by SCI. Information and scores are assigned by SCI and are based on period-of-years testing through 2024 harvest and were the latest available at time of printing. Some scores may change after 2025 harvest. Scores represent an average of performance data across areas of adaptation, multiple growing conditions and a wide range of both climate and soil types and may not predict future results. Individual product responses are variable and subject to a variety of environmental, disease and pest pressures. Please use this information as only one component of your product positioning decision.

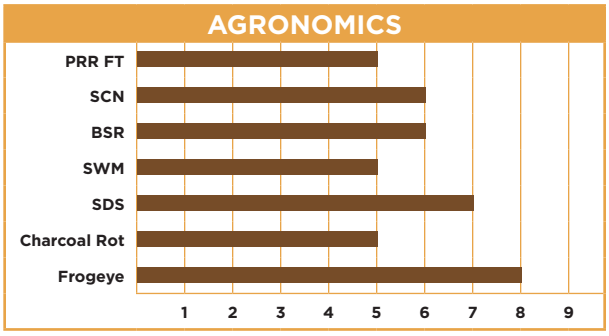
NEW

SC 7106E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
1.0 • Early Group I

KEY FEATURES:
- Replaces SC 7104E™ brand with improved yield performance
- Excellent emergence and harvest standability
- 1K gene for PRR
- Improved SDS tolerance
- Same height as SC 7104E™ brand with a wider canopy



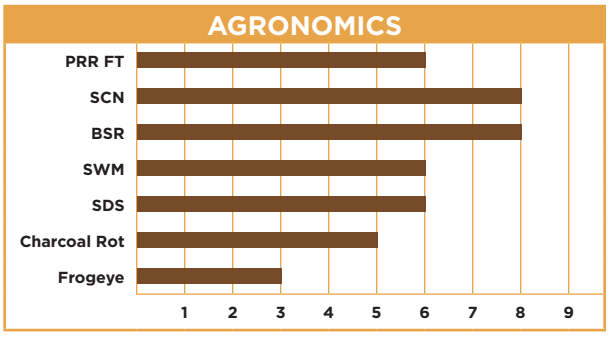
NEW

SC 7146E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
1.4 • Mid Group I

KEY FEATURES:
- Replaces SC 7152E™ brand with impressive yield advantage
- Very good emergence
- Excellent harvest standability
- Peking SCN resistance
- 1K for PRR and good field tolerance



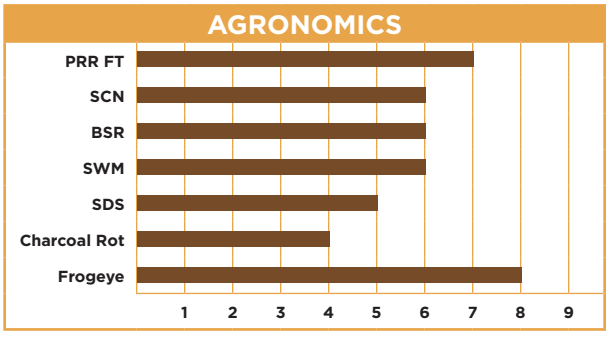
NEW

SC 7186E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
1.8 • Late Group I

KEY FEATURES:
- Replaces SC 7182E™ brand with improved yield potential
- Very good emergence
- Outstanding harvest standability
- Improved white mold tolerance vs. 7182E™ brand
- 1K gene for PRR



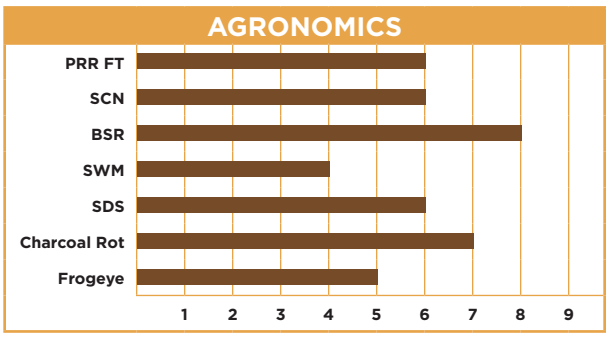
Agronomic Ratings 1 to 9 with 9 being the best.

SC 7215E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
2.1 • Early Group II

KEY FEATURES:
- Balanced offense and defense for the eastern Corn Belt
- Good emergence
- Improved BSR, SDS, and CHR vs. established lines
- 1C gene and good PRR field tolerance
- Moderate plant stature



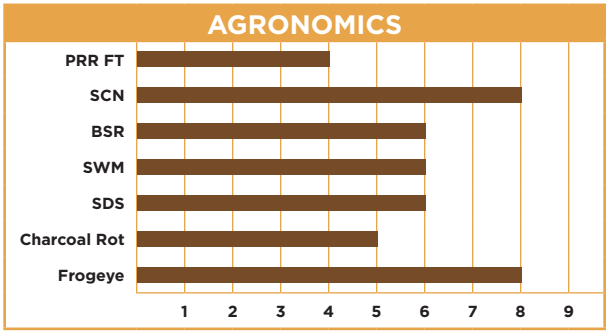
SC 7234E™ brand

ENLIST E3® • 140,000/UNIT

EASTERN ADAPTATION WITH STRONG DISEASE PACKAGE

MATURITY:
2.3 • Mid Group II

KEY FEATURES:
- Impressive eastern yield potential
- Great tolerance to frogeye leaf spot
- Good tolerance to the eastern disease complex
- Peking SCN resistance
- Excellent harvest standability

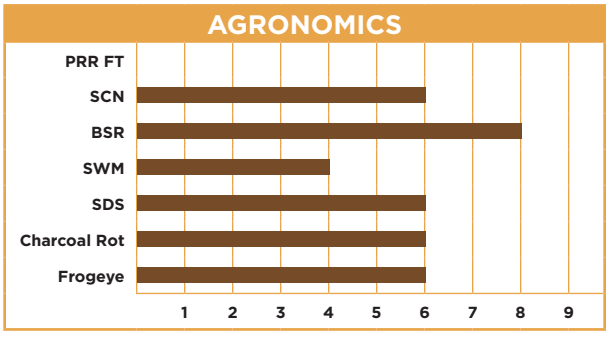


SC 7255E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
2.5 • Mid Group II

KEY FEATURES:
- Outstanding emergence
- Stacked 1K and 3A PRR genes
- Good frogeye leaf spot tolerance
- Nice plant height and canopy width



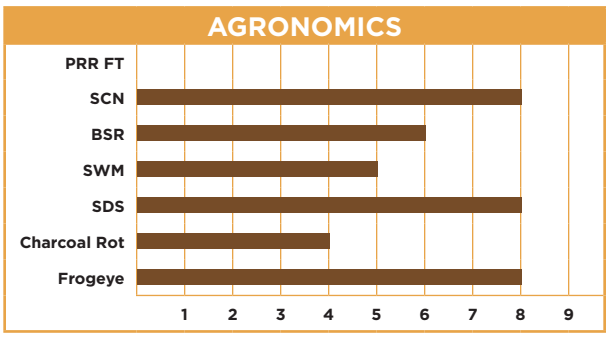
Agronomic Ratings 1 to 9 with 9 being the best.

SC 7285E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
2.8 • Late Group II

KEY FEATURES:
- Strong eastern performer with solid defensive traits
- Very good emergence and standability
- Peking SCN resistance
- Improved SWM, SDS, and FE
- Stacked 1K and 3A genes for PRR

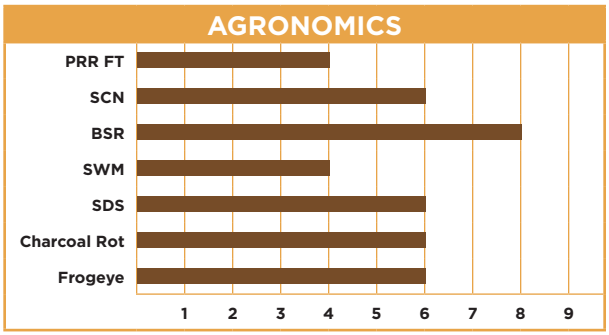


SC 7293E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
2.9 • Late Group II

KEY FEATURES:
- Widely adapted with eastern bias
- Proven performance across varying growing environments
- Strong disease package: FE, SDS, BSR
- 1K gene for PRR
- Very good emergence



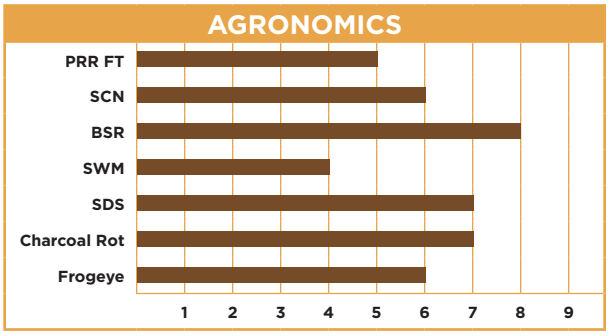
SC 7315E™ brand

ENLIST E3® • 140,000/UNIT

EASTERN LEADER WITH PROVEN PERFORMANCE

MATURITY:
3.1 • Early Group III

KEY FEATURES:
- Strong testing performance in the eastern Corn Belt
- Good emergence
- Improved BSR, SWM, SDS, and CHR over established lines
- 1K gene and good PRR field tolerance



Agronomic Ratings 1 to 9 with 9 being the best.

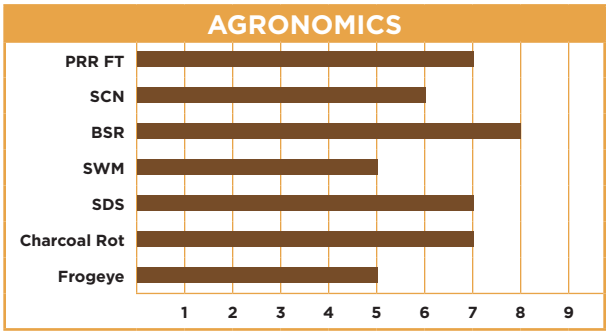
NEW

SC 7326E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
3.2 • Early Group III

KEY FEATURES:
- New 3.2 maturity variety with strong eastern Corn Belt adaptation
- Proven performance over established lines
- Excellent emergence
- 1K gene and very good PRR field tolerance
- Improved white mold and SDS vs. SC 7332E™ brand

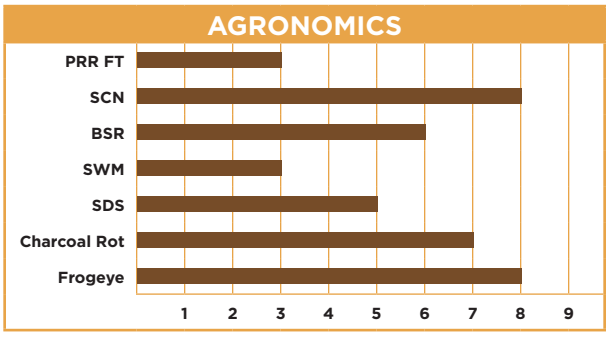


SC 7332E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
3.3 • Mid Group III

KEY FEATURES:
- Widely adapted yield leader
- Good emergence
- 1K gene for PRR
- Outstanding frogeye leaf spot tolerance
- Peking SCN resistance

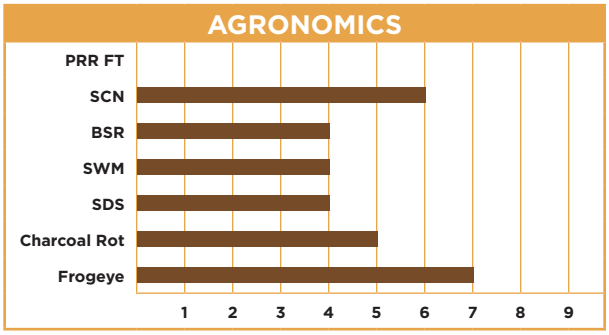


SC 7355E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
3.5 • Mid Group III

KEY FEATURES:
- Proven eastern performer
- Showy line with nice canopy width
- Stacked 1K and 3A genes for PRR
- Very good frogeye leaf spot tolerance
- Good emergence



Agronomic Ratings 1 to 9 with 9 being the best.

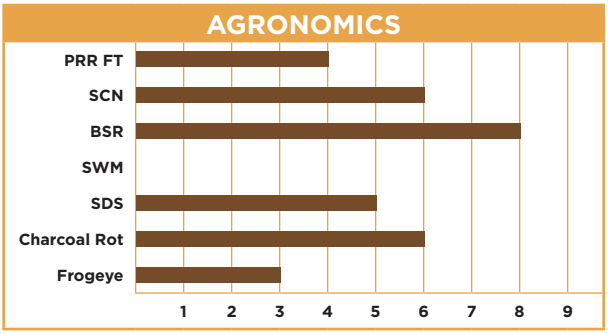
SC 7364E™ brand

ENLIST E3® • 140,000/UNIT

STRONG EASTERN CORN BELT PERFORMANCE

MATURITY:
3.6 • Mid Group III

KEY FEATURES:
- Proven performance in testing and in the field
- Strong eastern Corn Belt adaptation
- Very good emergence
- Attractive line with nice branching and standability

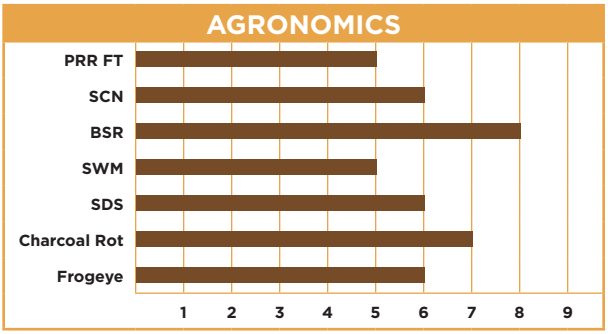


SC 7375E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
3.7 • Late Group III

KEY FEATURES:
- Very good emergence
- 1K gene for PRR and good field tolerance
- Improved BSR, SWM, and SDS
- Very good CHR
- Nice canopy width

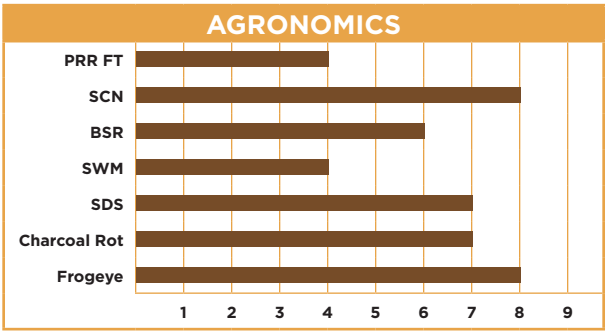


SC 7385E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
3.8 • Late Group III

KEY FEATURES:
- Eastern adaptation with strong yield potential and defensive traits
- 1K gene for PRR
- Peking SCN resistance
- Exceptional frogeye leaf spot tolerance
- Good emergence



Agronomic Ratings 1 to 9 with 9 being the best.

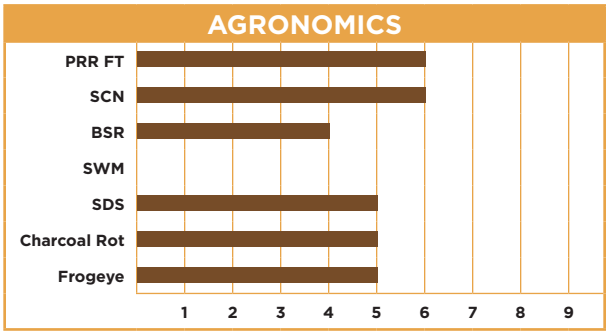
NEW

SC 7416E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
4.1 • Early Group IV

KEY FEATURES:
- Replaces SC 7412E™ brand with improved offense and defense
- Proven strong yield potential in the eastern Corn Belt
- Very good emergence
- Taller plant height vs. 7412E™ brand
- Good PRR field tolerance



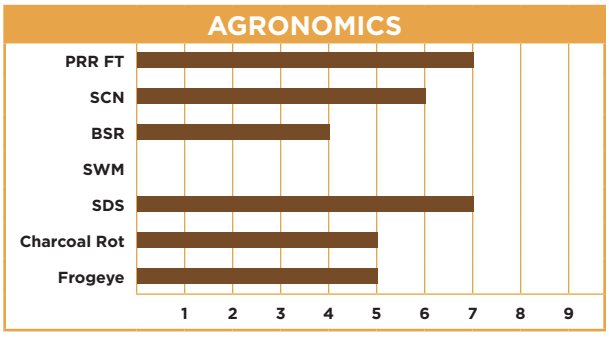
NEW

SC 7446E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
4.4 • Mid Group IV

KEY FEATURES:
- Replaces SC 7444E™ brand with improved yield potential
- Very good emergence and harvest standability
- 1K gene for PRR
- Improved SDS vs. 7444E™ brand
- Taller plant height and wider canopy vs. 7444E™ brand

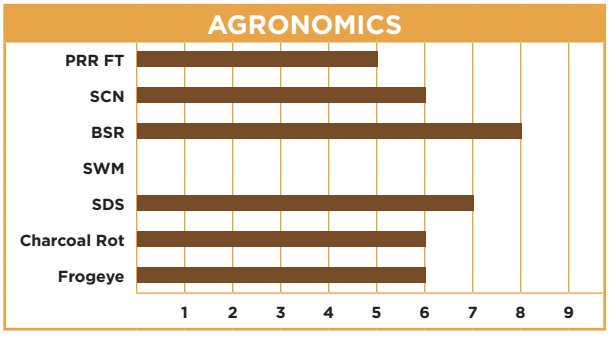


SC 7465E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
4.6 • Mid Group IV

KEY FEATURES:
- Very good emergence
- Improved BSR, SDS, root-knot peanut nematode, and FE
- Good PRR field tolerance
- Excellent root-knot peanut nematode resistance



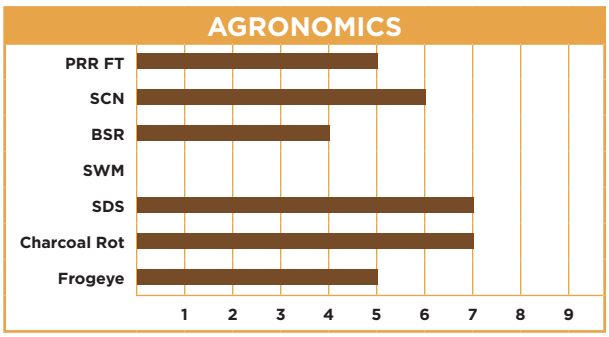
Agronomic Ratings 1 to 9 with 9 being the best.

SC 7485E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
4.8 • Late Group IV

KEY FEATURES:
- Good emergence
- Improved frogeye leaf spot tolerance
- Good harvest standability
- 1C for PRR and good field tolerance



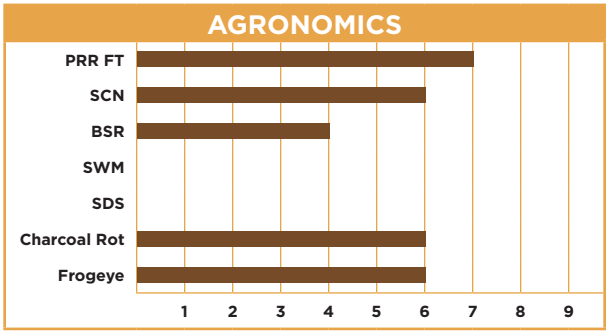
NEW

SC 7516E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
5.1 • Early Group V

KEY FEATURES:
- New determinate 5.1 maturity variety
- Replaces SC 7514E™ brand with proven performance advantage
- Very good standability
- Good frogeye leaf spot tolerance
- Bushier canopy vs. 7514E™ brand

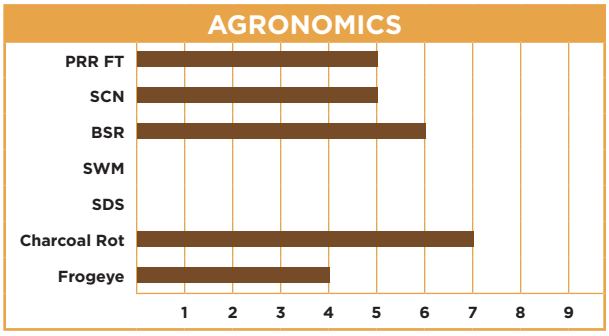


SC 7562E™ brand

ENLIST E3® • 140,000/UNIT

MATURITY:
5.6 • Mid Group V

KEY FEATURES:
- 5.6 maturity determinate variety
- Excellent choice for varying soils and tough growing environments
- Excellent emergence
- 1K gene for PRR and good field tolerance
- Nice plant height and canopy width
- Outstanding root-knot and peanut nematode resistance



Agronomic Ratings 1 to 9 with 9 being the best.

Guide for Soybean Replant Decision

Yield effects from reduced plant populations, uniform stands and weed-free conditions.

Population Plants/Acre	Yield as % of Normal	
	Solid Seed	30 in. Row
160,000	100	100
120,000	100	100
80,000	96	100
60,000	92	94
40,000	87	88
20,000	77	81
10,000	58	72

Yield effects of reduced stands

Plant Spacings	Yield as % of Normal
2 ft. skips--50% of row	94
3 ft. skips--50% of row	87
4 ft. skips--50% of row	85

Yield effects from delayed planting (uniform stands)

Planting Date	Yield as % of Normal	
	Mid-Season Variety	Full-Season Variety
May 20th	100	100
May 30th	96	94
June 10th	92	90
June 20th	82	78
June 30th	70	NR*

*NR--not recommended
** In Indiana and Ohio--south of I-70 only
***According to Ohio State University Extension

Soybean Planting Rate Recommendation

Soybean planting rates are directly related to several factors:
TREATED VS. UNTREATED SEED: add 10% to seeding rate for untreated seed.
PLANTING DATE: add 10% to seeding rate for seed planted prior to April 25th, and 10% to seeding rate for seed planted after May 20th.
CONVENTIONAL VS. NO-TILL: add 10% to seeding rate for no-till.
SOIL TYPE: add 10% to seeding rate for lower organic matter soils and tighter clay soils.

	Ideal Conditions		Less Favorable Conditions
7.5" Row	160,000	to	200,000
15" Row	140,000	to	180,000
30" Row	120,000	to	160,000

SOYBEAN RECOMMENDED PLANTING RATE
Pounds of Seed Per Acre

Seeds Per Pound	DESIRED SEEDS PER ACRE					
	125,000	140,000	150,000	175,000	200,000	225,000
2,000	63	70	75	88	100	113
2,100	60	67	71	84	95	107
2,200	57	64	68	80	91	102
2,300	54	61	65	76	87	98
2,400	52	58	63	73	83	94
2,500	50	56	60	70	80	90
2,600	48	54	58	67	77	87
2,700	46	52	56	65	74	83
2,800	45	50	54	63	71	80
2,900	43	48	52	60	69	78
3,000	42	47	50	58	67	75
3,100	40	45	48	56	65	73
3,200	39	44	46	54	63	70
3,300	38	42	45	52	61	68
3,400	37	41	44	51	59	66
3,500	36	40	43	50	57	64
3,600	34	38	41	47	54	63
3,700	35	39	42	49	56	61
3,800	33	37	40	46	53	59
3,900	32	36	39	45	51	58

Row Spacing	SEEDS PER FOOT ROW					
	125,000	140,000	150,000	175,000	200,000	225,000
7"	1.67	1.87	2.00	2.34	2.68	3.00
10"	2.39	2.68	2.87	3.34	3.82	4.30
15"	3.59	4.02	4.30	5.02	5.74	6.45
30"	7.17	8.03	8.60	10.00	11.40	12.91
36"	8.60	9.64	10.30	12.00	13.80	15.45
38"	9.00	10.21	10.90	12.70	14.50	16.40

Product Name	Herbicide Tolerance	Features
Enlist E3® SOYBEANS	• 2,4-D choline in Enlist® herbicides • Glyphosate • Glufosinate	• Tolerance to 3 herbicides • Enlist herbicides feature up to 90% reduction in drift compared with traditional 2,4-D and 96% reduction in volatility compared with 2,4-D ester • Wide application window—apply Enlist herbicides up to R2 or full-flowering stage

CORTEVA™ agriscience

According to Ohio State extension..

Plant Food Removed in Harvested Crop

Crop	Unit	N	P_2O_5	K_2O
Corn	lb/bu	.75	.44	.29
Soybeans	lb/bu	4.00	.80	1.40
Grain Sorghum	lb/cwt	1.50	.75	.38
Wheat	lb/bu	1.15	.55	.34
Oats	lb/bu	.80	.25	.20
Barley	lb/bu	1.10	.40	.35
Sunflower	lb/cwt	3.60	1.70	1.10
Alfalfa	lb/ton	56.00	15.00	60.00
Corn Silage	lb/ton	8.30	3.60	8.30
Tall Fescue	lb/ton	38.00	18.00	52.00
Clover/Grass	lb/ton	50.00	15.00	60.00
Sorghum/Sudan	lb/ton	40.00	15.00	58.00
Potatoes	lb/cwt	.35	.15	.56
Tomatoes	lb/ton	3.60	.170	7.20
Sugar Beets	lb/ton	4.20	.50	8.30
Tobacco (Flue)	lb/cwt	2.80	.50	5.20
Tobacco (Burley)	lb/cwt	4.30	.43	4.70

Plant Food Uptake (PFU) for Midwest Crops

		Nutrient Uptake, lb/A**				
Crop	Yield/Acre	N	P_2O_5	K_20	Mg	S
Corn	120 bu.	160	68	160	39	20
	160 bu.	213	91	213	52	26
	200 bu.	266	114	266	65	33
Soybeans*	40 bu.	224	38	144	16	14
	60 bu.	315	58	205	24	20
	80 bu.	416	78	250	32	26
Alfalfa*	4 tons	225	60	240	20	20
	6 tons	338	90	360	30	30
	8 tons	450	120	480	40	40
Wheat	50 bu.	94	34	102	15	13
	75 bu.	141	51	152	23	19
	100 bu.	188	68	203	30	25
Grain	4,500 lb.	133	47	135	22	21
Sorghum	7,500 lbs.	222	79	225	38	35
Fescue	3 tons	114	56	158	11	12
	6 tons	228	112	316	22	24

* Legumes get most of their nitrogen from the air.

** Figures given are total amounts taken up by the crop in both the harvested and the above ground unharvested portions. These numbers are estimates for indicated yield levels, taken from research studies, and should be used only as general guidelines.

Seed Consultants

Forage Field Seed Rates

Crop	Seeding Rate lbs/acre	Depth To Sow inches	Planting Date
Alfalfa	12 to 20	1/2"	Mar 1-May 1 Aug 1-Sept 15
Birdsfoot Trefoil	8 to 12	1/2"	Mar 1-May 1
Bluegrass, Ky. (pasture)	20 to 30	1/2"	Early Spring or Aug-Sept
Bromegrass, Smooth	10 to 12	1/2"	Mar-Apr or Aug 1-Sept 15
Buckwheat	40 to 50	1/2" to 1"	June-July 15
Clover, Alsike	6 to 8	1/2"	Mar-Apr or Aug
Crimson	12 to 20	1/2"	July-Aug
Ladino (or White)	4 to 6	1/2"	Mar-Apr or Aug
Red (Med. or Mamm)	10 to 15	1/2"	Mar-Apr or Aug
Sweet	10 to15	1/2"	Mar 15-Apr 30
Crownvetch	20 to 25	1/2"	Feb-Sept
Fescue, Tall	12 to 20	1/2"	Mar-Apr or Aug
Lespedeza, Korean (H)	10 to 15	1/2"	Feb 15-Mar 31
Millet, Hybrid Pearl	8 to 12 rows	1/2"	After frost danger
Millet, Hybrid Pearl	35 to 40 brdcst	1/2"	Through June 30
Oats, Spring	64 to 80	1" to 1-1/2"	Mar-Apr
Orchardgrass	10 to 15	1/2"	Mar-Apr or Aug-Sept
Rape, Dwarf Essex	6 to 10	1/2"	April-Aug
Reed Canarygrass	8 to 10	1/2"	Mar-Apr or Aug-Sept
Rye Gain	84 to 112	1" to 1-1/2"	Aug-Sept
Ryegrass, Tetraploid Per.	20 to 25	1/2"	Mar-Apr or Aug-Sept
Sorghum, Grain	8 to 12	1/2" to 1"	May
Sorghum, Sudangrass	20 to 30 rows	1/2" to 1"	May-June 15
Sorghum, Sudangrass	20 to 30 brdcst	1/2" to 1"	May-June 15
Spelt	60 to 80	1" to 1-1/2"	Sept-Oct 5
Sudangrass	25	1/2" to 1"	May-June 15
Sunflower	3 to 5	1 to 1-1/2"	May-June
Switchgrass	6 to 8 pls	1/2"	May-June
Timothy	10 to 15	1/2"	Mar-Apr or Aug-Sept
Triticale,Fall	90 to 100	1" to 1-1/2"	Aug-Sept 15

Stand Counts*

No. of Plants		Plants (Thousands)/Acre								
	One	Loop (inside diameter)								
	Sq. Yard	30"	31"	32"	33"	34"	35"	36"	37"	38"
1	4.8	8.9	8.3	7.8	7.3	6.9	6.5	6.2	5.8	5.5
10		89	83							
11		98	91	86						
12		107	100	94	88	83				
13		116	108	101	95	90	85			
14		124	116	109	103	97	91	86		
15		133	125	117	110	104	98	92	88	
16		142	133	125	117	110	104	99	93	89
17		151	141	133	125	117	111	105	99	94
18	87	160	150	140	132	124	117	111	105	100
19	92	169	158	148	139	131	124	117	111	105
20	97	178	166	156	147	138	130	123	117	111
21	102	187	175	164	154	145	137	129	123	116
22	106	196	183	172	161	152	143	136	128	122
23	111	204	191	179	167	159	150	142	134	127
24*	116	213	200	187	176	166	157	148	140	133
25	121	222	208	195	183	173	163	154	146	138
26	126		216	203	191	179	170	160	152	144
27	131		224	211	198	186	176	166	158	149
28	136			218	205	193	183	173	163	155
29	140			226	213	200	189	179	169	161
30	145				220	207	196	185	175	166
31*	150					214	202	191	181	172
32	155					221	209	197	187	177
33	160						215	203	193	183
34	165						222	209	199	188
35	169							216	204	194
36	174							222	210	199
37	179								216	205
38	184								222	210
39	189									216
40	193									221
41	198									
42	203									
RCL		94"	97"	100.5"	104"	107"	110"	113"	116"	119"

* Examples: 1) If you count 31 plants per square yard, your plant population is 150,000 per acre. 2) If you count 24 plants inside a 34" (inside diameter) "Rope Circumference Loop" your plant population is 166,000 per acres. In either case make at least 10 random counts per field. To determine stand populations in solid seeded and drilled beans, use the Rope Circumference Loop (RCL) method.

Farm Formulas

Area

Area of a circle = radius squared x 3.1416 or diameter squared x .07854

Area of rectangle or square = length x width

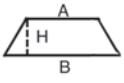
Area of triangle = base x height/2

Area of parallelogram = length x width

Area of pentagon (5 equal sides) = length of one side squared x 1.720

Area of a hexagon (6 equal sides) = length of one side squared x 2.598

Area of an octagon (8 equal sides) = length of one side squared x 4.838



Area of a trapezoid = $\frac{A + B}{2}$ x H

Surface of a globe = diameter squared x 3.1416

Farm Formulas

Volume

To find the bushel capacity of bins, cribs, piles:
Divide volume in cubic feet by 1.25 (2.25 for ear corn).

To find the volume of a square or rectangular bin or crib:

Multiply width x length x height

To find the volume of a round bin or crib:

Multiply radius of base x radius x 3.1416 x height

To find the volume of a pile or round hopper bottom (cone):

Multiply radius of base x radius x 1.0472 x height

To find the volume of a square tank hoper bottom (pyramid):

Multiply area of base x 1/3 x height

To find the volume of a pile against a straight wall (1/2 cone):

Divide volume of a full cone by 2

To find the volume of a sphere or globe:

Cube its radius, then multiply by 4.1888.

Weights and Measures

Distance	
1 Foot	= 12 Inches
1Yard	= 36 Inches
	= 3 Feet
1 Mile	= 5,280 Feet
	= 1,760 Yards
1 Rod	= 16.5 Feet
	= 5.5 Yards
Volume	
1 Cubic Foot	= 1,728 Cubic Inches
1 Cubic Yard	= 27 Cubic Feet
1 Cubic Foot	= 7.48 Gallons
	= 62.4 Lbs. Water
1 Gallon	= 8.345 Lbs. Water
Cubic Foot/27	= Cubic Yards
Weight	
1 Pound	= 16 Ounces
1 Ton	= 2,000 Pounds
1 Metric Ton	= 2,205 Pounds
Area	
1 Sq. Ft.	= 144 Sq. Inches
1 Sq. Yard	= 9 Sq. Feet
	= 1,296 Sq. Inches
1 Acre	= 43,560 Sq. Feet
1 Sq. Mile	= 640 Acres
Capacity	
1 Cup	= 8 Fluid Ounces
1 Pint	= 16 Fluid Ounces
	= 2 Cups
1 Quart	= 32 Fluid Ounces
	= 4 Cups
	= 2 Pints
1 Gallon	= 128 Fluid Ounces
	= 16 Cups
	= 8 Pints
	= 4 Quarts
1 Liter	= 1.06 Quarts

Checking Corn Populations

Length of row equal to 1/1000 acre at different row widths.

Row	Length Equal to 1/1000 Acre
7"	74' 8"
10"	52' 3"
15"	34'10"
20"	26' 2"
30"	17' 5"
36"	14' 6"
38"	13' 9"
40"	13' 1"

Corn Yield Estimate Formula

EARS per 1/1000 of an acre X no. of rows (width) X no. of kernals per row (length) X .01116 = ESTIMATED BUSHELS per ACRE at 15.5%.

Soybean Yield Estimate Formula

Average number of PODS per plant X plants per acre = PODS per ACRE.
PODS per ACRE X 2.5 BEANS per POD = BEANS per ACRE.
BEANS per ACRE divided by 2,500 BEANS per Pound = POUNDS per ACRE.
POUNDS per ACRE divided by 60 POUNDS = ESTIMATED BUSHELS PER ACRE.

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Washington Court House, Ohio 43160

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Email: info@seedconsultants.com | **SEEDCONSULTANTS.com**

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