

2025 SEED GUIDE



epley hybrids, inc.

22494 Yale Ave, Shell Rock, IA 50670
1-800-728-6293 epley@butler-bremer.com

Producing Quality Seed For Generations

EARLY PAY DISCOUNT

SEPT : 13%

OCT : 12%

NOV : 11%

DEC AND JAN : 10% FEB : 5%

Seed Treatment pricing

Cruiser 250 corn prior to Jan 15th: \$15.00

Cruiser 250 corn after Jan 15th: \$18.00

CruiserMax beans prior to Feb 15th: \$11.00

CruiserMax beans after Feb 15th: \$14.00

New Era In Agriculture

New materials, new machines and new methods are rapidly revolutionizing American agriculture. Many more new ideas, now being developed and improved will soon be beyond the experimental stage.

While we will maintain our tried and true methods for producing top quality seed corn, we are actively engaged in genetic engineering through our inbred seed suppliers. We will continue to keep up with the changing needs of our farmer friends and will always try to render solid dependable service.

At Epley Brothers the word HYBRID is more than simply a name for a certain type of seed. It also represents our two-fold pledge to the planter. It is a pledge to create a seed that is much better than average. It is further a pledge to sustain your faith in our seed lines by maintaining continuing exacting tests, rigid quality control and careful hybrid management supervision.

Every bushel of seed sold shall be worthy of the planter's confidence, as a large factor for dependable yield per acre. Every production detail is carried out with painstaking precision. Nothing is left to chance — guesswork simply doesn't fit our quality conscious method. Every step in the production of Epley Brothers seed is an expression of our personal responsibility for the result; your yield — your profit.

A vast difference exists between Epley Brothers hybrids and the mass-produced varieties offered by other growers. The most economical way for the major companies to sell to a large area is to average hybrid performance over the entire area being sold then produce the best average hybrids. With conditions being so different in the same maturity area as you cross the country, this practice usually eliminates the best hybrids for a specific area. Can you afford to grow average hybrids on your farm?

Our motto is DEPENDABILITY OF YIELD, not a desire to have the greatest number of acres under production. The Epley family is directly involved and closely supervises every detail of the growing and conditioning of the seed that is placed in the bags carrying their name. Quality, a family tradition at Epley Brothers Hybrids.

BOXED CORN & SOYBEANS

- Corn available in 40-unit (80M/unit) bulk boxes
- Soybeans available in 40-unit (140M/unit) bulk boxes or totes
- No additional packaging discounts apply to for boxes or totes
- Orders need to be placed for corn by Nov. 15 and beans by Feb. 15
- Bulk boxes must be returned by June 30
- \$500 deposit per box invoiced at time of delivery

RETURN POLICY

BEFORE JULY 15

We will accept returns of seed corn, soybeans and alfalfa until July 15 (or 30 days after purchase).

AFTER JULY 15

After July 15, there will be a \$10/bag restocking charge on corn and \$3/bag restocking charge on soybeans, alfalfa and other seeds.

We will not accept returns of:

- Seeds or soybeans treated with custom treatment
- Opened, wet, dirty, or damaged bags of seed

REPLANT POLICY

If seed you purchase from us experiences an early-season crop loss, you may be eligible for replant seed at half-price. We will provide replacement seed of the same species for half of the full retail price or replant seed of a different species for half of the value of the replant original planted seed (which ever is lower).

CONVENTIONAL CORN

Due to market fluxuation, published prices are subject to change at any time.

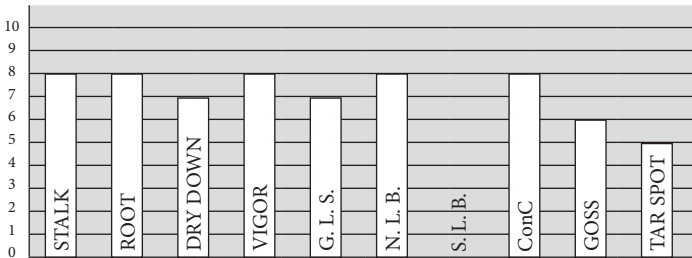


Earlier planting into cooler soils requires seed with better cold tolerance. Planting at higher populations in narrow rows requires plants with good disease resistance. Epley's is selecting hybrids with improved cold tolerance and an updated disease package to go along with the high yields and great standability of our present hybrids.

Corn Chart note: G.L.S. = Gray leaf spot, N.L.B. = Northern leaf blight, S.L.B.= Southern leaf blight, C.C. = Corn on Corn, C.C.W.I. = Corn on Corn with insecticide

E9200 92 DAY

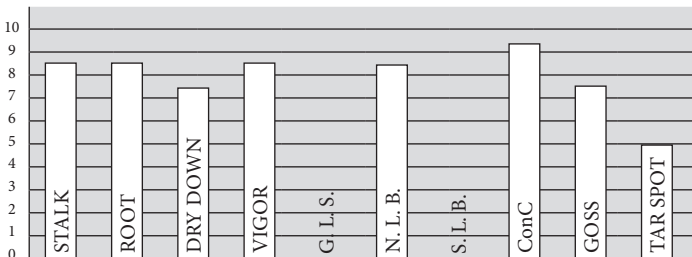
MSRP: \$135.00



- Has great yield potential and can handle all soil types
- Average disease package, responds very well to a fungicide application.
- Has excellent vigor and stress tolerance. Handles drought well.
- Good option for corn on corn or silage.

E9500 95 DAY

MSRP: \$135.00

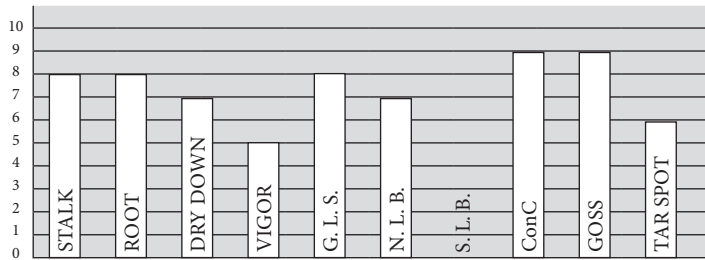


- Strong drought tolerance
- Excellent tolerance to green snap
- Shorter style hybrid with high yield potential
- Will work for continuous corn

CONVENTIONAL CORN

E9520 95 DAY

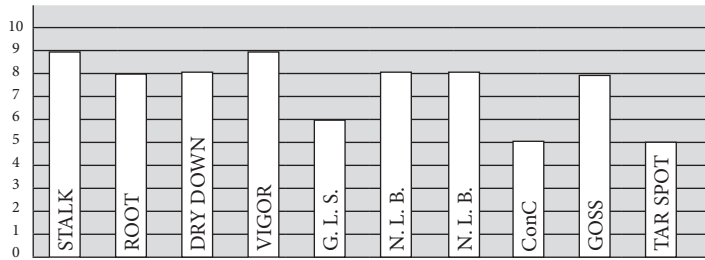
MSRP: \$135.00



- Great option for Corn on Corn or Silage
- All around a healthy plant with great roots and stalk.
- Strong drought tolerance
- Good performance across wide range of environments

E9600 96 DAY

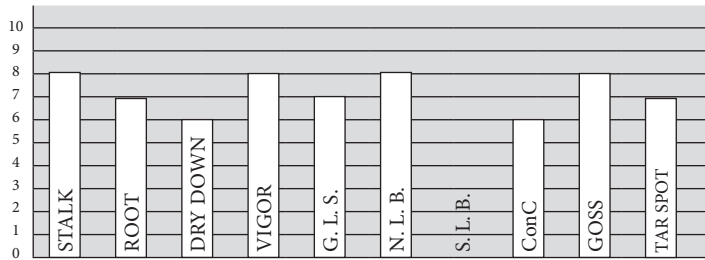
MSRP: \$135.00



- Semi-Flex ear with great drought tolerance
- Great stalk and roots
- Handles tough acres very well
- Great late season intactness

E9610 96 DAY

MSRP: \$135.00

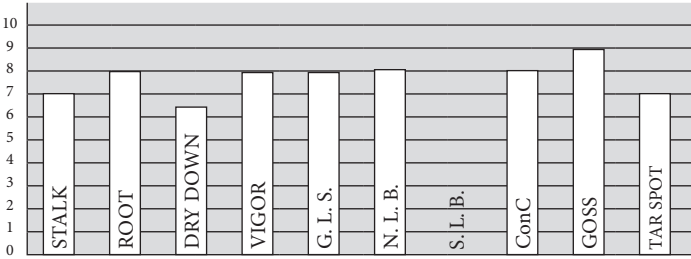


- Handles stress and high yield environments well
- Great silage option
- Really good late season intactness
- Exceptionally good disease package

CONVENTIONAL CORN

E9620 96 DAY

MSRP: \$135.00

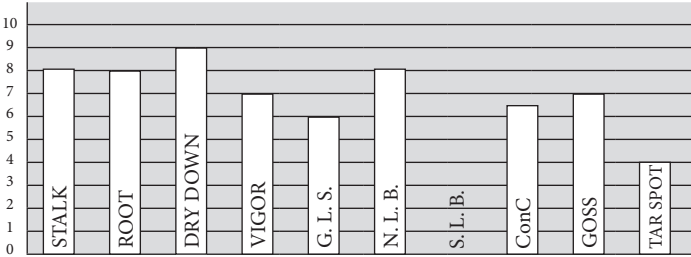


NEW

- Likes Medium to Low yield environments with its good stress tolerance.
- Outstanding disease package
- Large flex ear with deep kernels
- Great silage scores

E9840 98 DAY

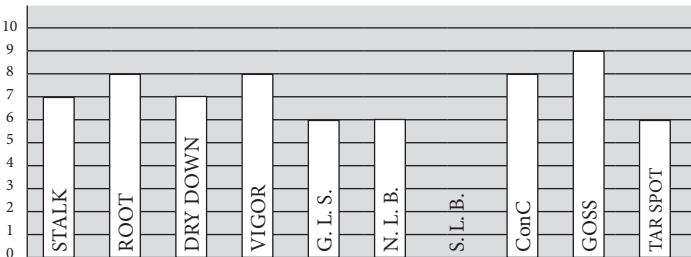
MSRP: \$135.00



- Excellent stalk and roots
- Very strong seedling vigor
- Excellent stay green, yet still dry's down quite well
- Works well on all soil types
- Does not like wet feet

E9850 98 DAY

MSRP: \$135.00

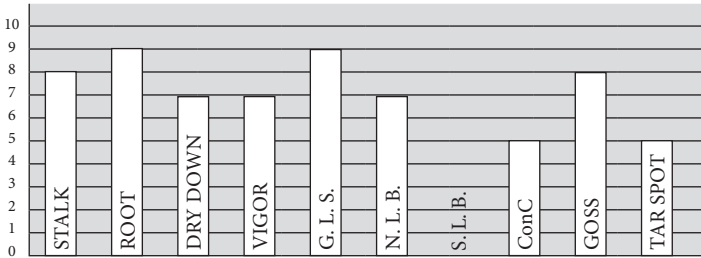


- High yield potential
- Should be kept west of the Mississippi river
- Fairly girthy ears
- Handles all yield environments

CONVENTIONAL CORN

E9910 99 DAY

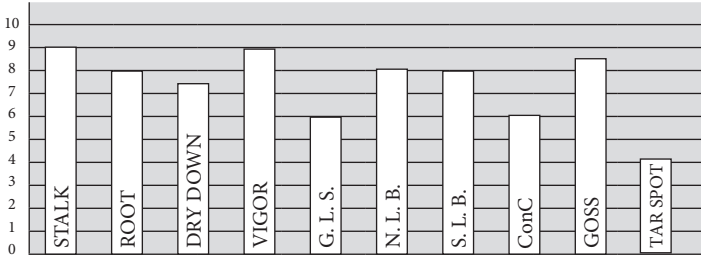
MSRP: \$135.00



- Handles drought stress well
- Good stalk with excellent roots
- Great top end yield
- Good ear girth

E1040 100 DAY

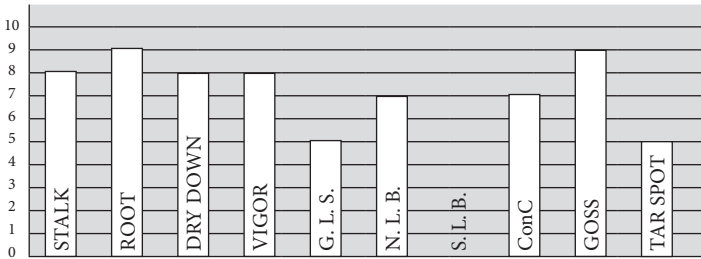
MSRP: \$135.00



- Semi-Flex ear along with excellent stalk and root system
- Very good drought tolerance
- Extraordinarily good late season intactness
- Handles variable soils quite well, very durable hybrid

E1330 103 DAY

MSRP: \$135.00

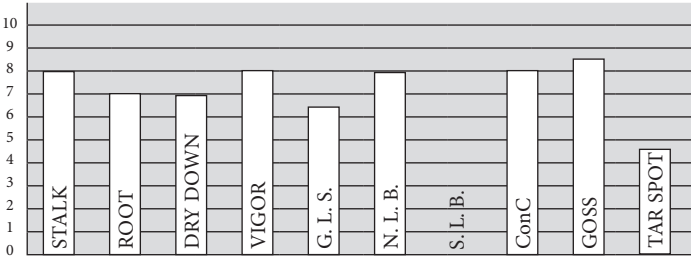


- Medium Girth ear that flexes fairly well
- Has a good response to fungicide
- Excellent late season intactness
- Handles variable soil well

CONVENTIONAL CORN

E1340 103 DAY

MSRP: \$135.00

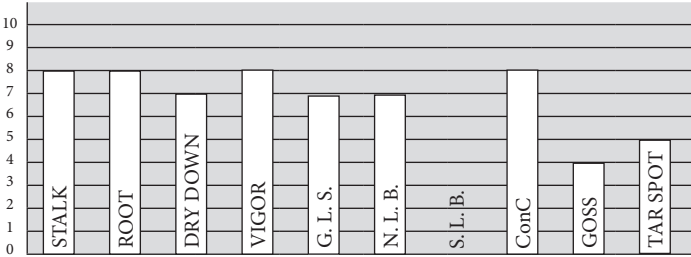


NEW

- Handles all yield environments especially stress, but not limited in high yield environments.
- Good disease tolerance
- Can move south well
- Big ears with great flex

E1450 104 DAY

MSRP: \$135.00

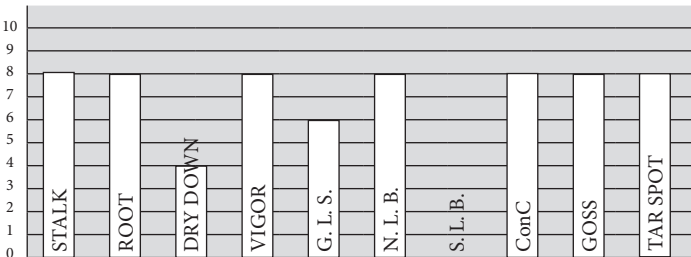


NEW

- Good ear flex
- High yield potential
- Durable hybrid, but prefers to be placed in higher yield environments.
- Good grain quality

E1530 105 DAY

MSRP: \$135.00

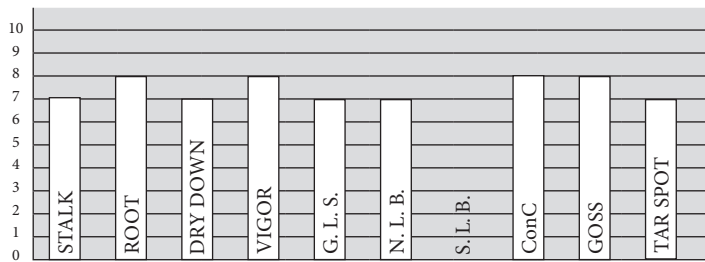


- Very high yield potential across all yield environments
- Moves North very well
- Very Girthy ear
- Great late season intactness

CONVENTIONAL CORN

E1540 105 DAY

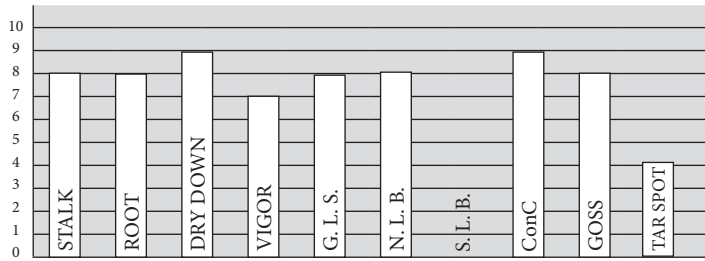
MSRP: \$135.00



- Moves South very well.
- Fairly tall, but has good stalks and roots to go with it
- Girthy flex ear with deep kernels
- Will handle stress, yet has big yield potential

E1730 107 DAY

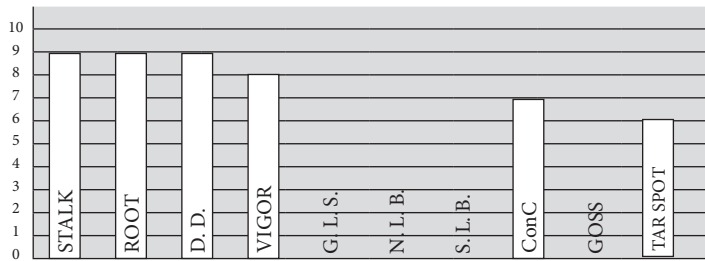
MSRP: \$135.00



- Great disease package along with strong stalks to prevent green snap.
- Red Cob
- Good option for corn on corn, responds well to a fungicide application
- Go anywhere type of Hybrid with excellent yield potential

E1740 107 DAY

MSRP: \$135.00

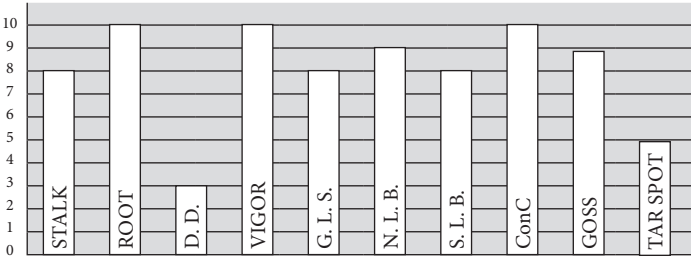


- Good yield potential matched with good health package
- Excellent late season intactness
- Determinate ear that prefers higher population
- Moves south well

CONVENTIONAL CORN

E1800 108 DAY

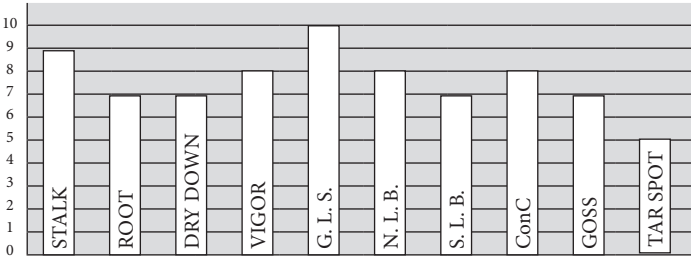
MSRP: \$135.00



- Dual purpose Hybrid with nice silage scores
- Keep on medium to well drained soils
- Outstanding against NLB and Goss's Wilt
- Red Cob, good ear flex that can handle high population
- Great option for Corn on Corn

E1920 109 DAY

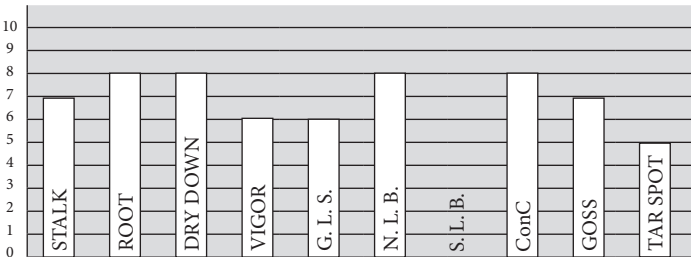
MSRP: \$135.00



- Great test weight
- Lots of ear flex
- Great yielder with excellent grain quality
- Very strong stalks, along with a solid disease tolerance

E2110 111 DAY

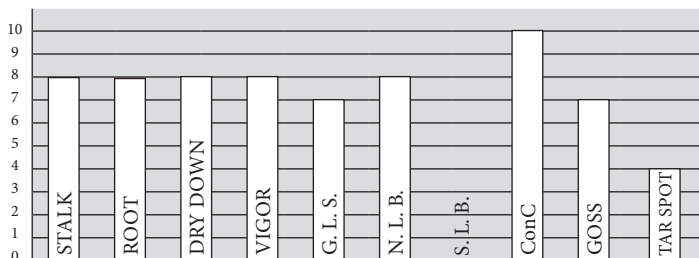
MSRP: \$135.00



- Very high yield potential, especially when placed on productive soils
- Semi-flex ear with deep kernels, good option for silage
- Handles cold or no-til soils with ease
- Good late season stand ability, good roots

E2120 111 DAY

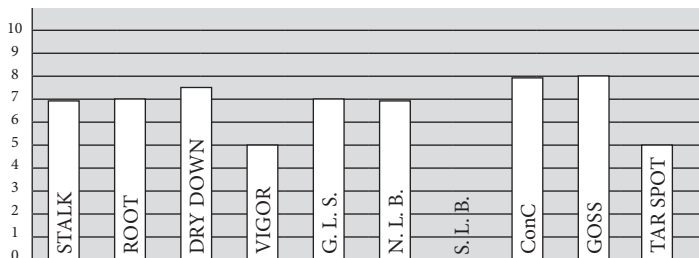
MSRP: \$135.00



- Will Perform very well on all soil types
- Very high yield potential, along with good dry down
- Great for silage and corn on corn.
- Good Ear Flex along with a good disease package
- Very Strong vigor and emergence

E2220 112 DAY

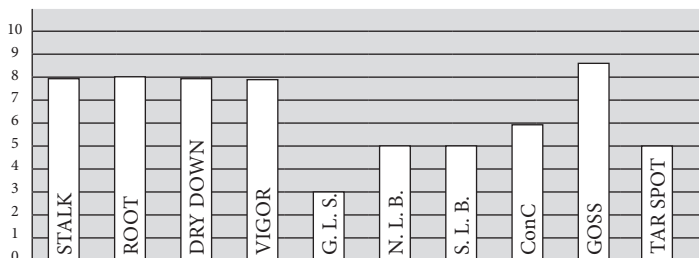
MSRP: \$135.00



- Works well on high PH soils
- Handles all soil types and geographic areas extremely well
- Would be a great option for corn on corn or silage
- Very high yield potential

E2320 113 DAY

MSRP: \$135.00

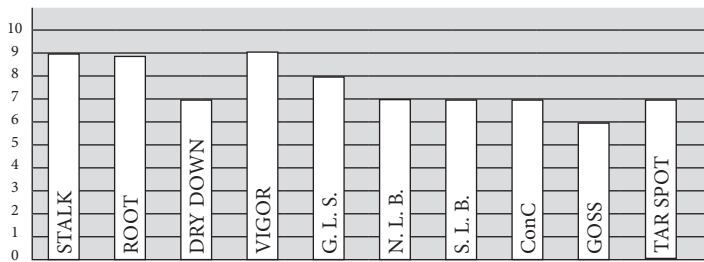


NEW

- Not for high yield environments, but will yield through stress very well.
- Long ears that flex very well, great test weight
- Moves south and west very well.
- Good response to fungicide application, especially when Gray Leaf spot is present.

E2500 115 DAY

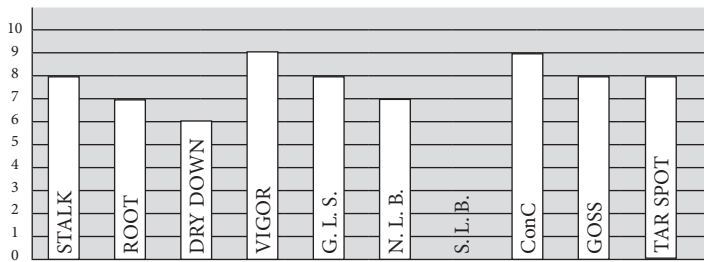
MSRP: \$135.00



- Very strong performance across all yield environments, especially drought
- HUGE footprint on where it excels in performance
- Large flexible ears with excellent tip fill and kernel depth
- Medium-tall plants with medium-low ear line.
- Outstanding yield potential

E2510 115 DAY

MSRP: \$135.00



- Showy Hybrid that delivers
- Excellent grain quality with girthy ears
- Handles all soil types
- Great silage option

Trecepta®
RIB COMPLETE™



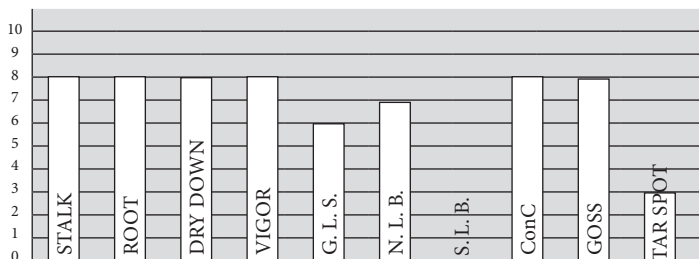
Roundup Ready 2
TECHNOLOGY®



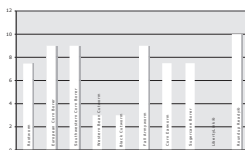
Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, **including applicable refuge requirements for insect resistance management**, for the biotechnology traits expressed in the seed as set forth in the Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation and agreement to comply with the most recent stewardship requirements.

E9807TRE 98 DAY

MSRP: \$255.00

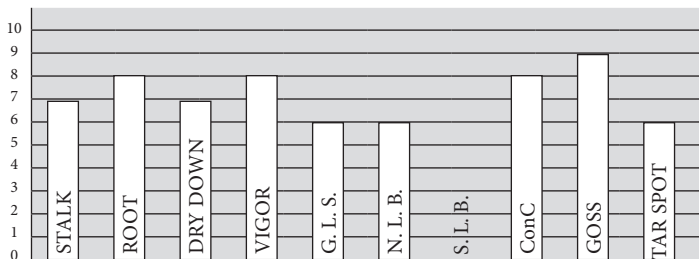


- Large girthy ear that likes to flex
- Yields through stress, especially drought
- Dominant performance across all yield environments
- Late flowering, fast drying hybrid good for grain and silage markets



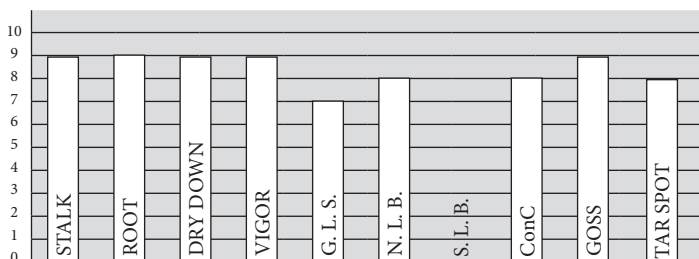
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MSRP: \$265.00



- Big yielder
- Handles all yield environments exceptionally well
- Should be kept west of the Mississippi river
- Moves west and north very well

MSRP: \$265.00

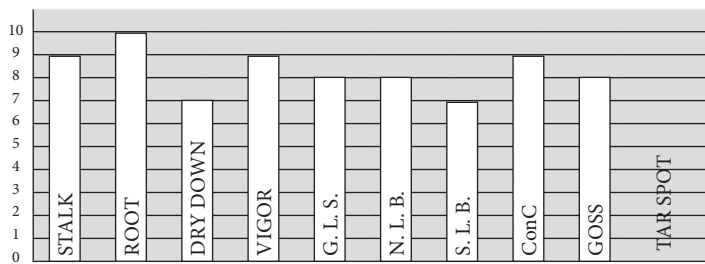


Limited Supply

- Very good Goss' wilt and drought stress tolerance
- Excellent early vigor and green snap tolerance
- Performs in all environments with great yield potential
- Semi-Flex ear that likes lower populations

E2203VT2P 112 DAY

MSRP: \$265.00

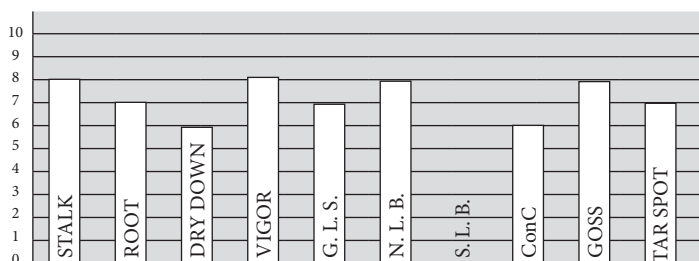


- Red Cob
- Great Disease Package
- Will work well on all soil types
- Great option for corn on corn.
- Semi- Flex ear that likes medium to high population



E9809PCE 98 DAY

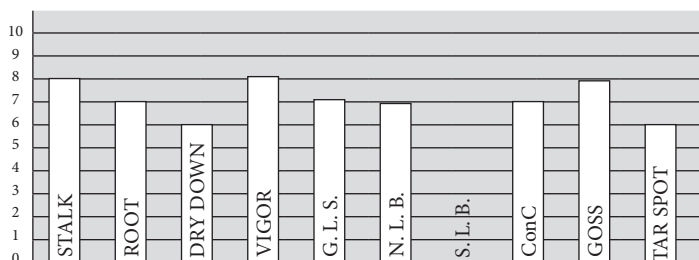
MSRP: \$250.00



- Good test weight
- Good silage option
- Handles stress and still have high yield potential
- Great disease package

E1109PCE 101 DAY

MSRP: \$250.00

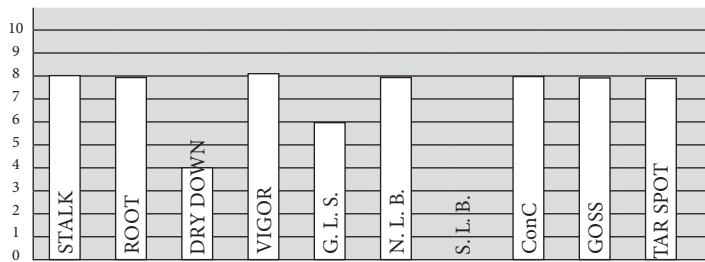


NEW

- Very good top end yield performance.
- Handles all yield environments and moves south well
- White cob
- Great late season intactness

E1609PCE 106 DAY

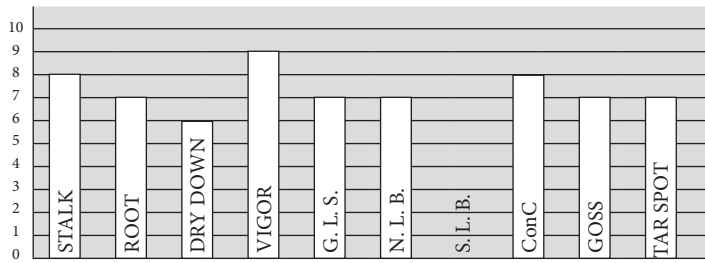
MSRP: \$250.00



- Very high yield potential across all yield environments
- Moves North very well
- Very Girthy ear
- Great late season intactness

E2109PCE 111 DAY

MSRP: \$250.00



- Excellent plant health
- Can expect a big girthy ear
- Big footprint, that handles all soil types including stress acres
- Great emergence along with very high top end yield potential

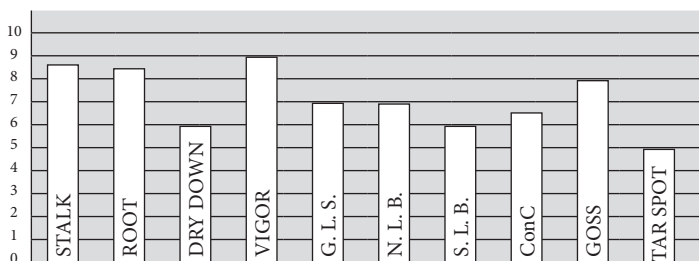


Agrisure® Above

The Agrisure® Above trait stack offers the convenience of an integrated E-Z Refuge® seed blend plus multiple modes of action against corn borer, as well as suppression of ear-feeding insects.

E1114AA 101 DAY

MSRP: \$220.00



NEW

- Moves great east to west
- Great agronomics to handle all yield environments
- Outstanding stalk and roots along with excellent test weight
- Great silage rating

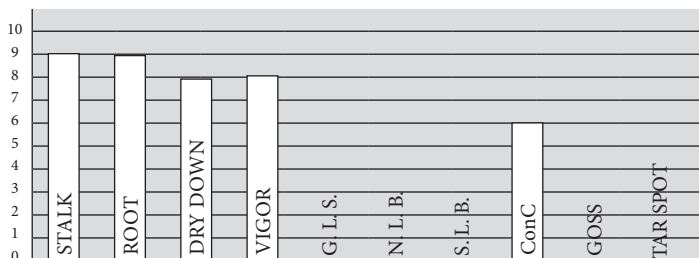


Agrisure Viptera® 3110

Viptera® trait technology features Vip3A, a robust mode of action that offers unsurpassed control of a broad spectrum of lepidopteran corn pests. The Agrisure Viptera® 3110 trait stack protects against European corn borer, Southwestern corn borer, Corn earworm, fall armyworm, Black cutworm, Western bean cutworm, Surgercane borer, Common stalk borer, Southern cornstalk borer, Beet armyworm, true armyworm, Dingy cutworm, and lesser corn stalk borer. Agrisure Viptera® 3110 has herbicide tolerance to glyphosate and LibertyLink®. Agrisure Viptera® is a trademark of a Syngenta Group Company. A signed Syngenta Insect Resistance Management Agreement is required to use these products.

E1013VIP3110 - 100 DAY

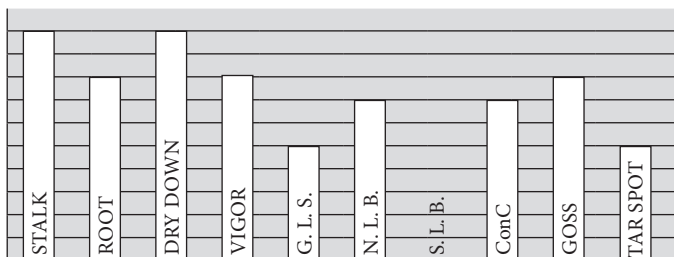
MSRP: \$220.00



- Good yield potential matched with good health package
- Excellent late season intactness

E1213VIP3110 - 102 DAY

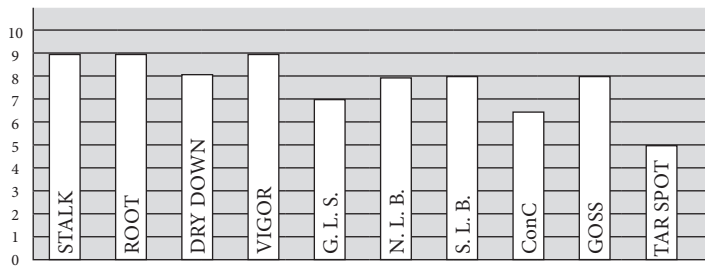
MSRP: \$220.00



- Superior top end yield with outstanding test weight
- Widely adapted across east to west and north to south
- Excellent plant health and intactness

E1813VIP3110 - 108 DAY

MSRP: \$220.00



- Strong stalks help keep fall plant integrity
- Moves down south very well with great yield potential
- Go anywhere type of hybrid handling all soil types with ease
- Medium girth ear with good dry down

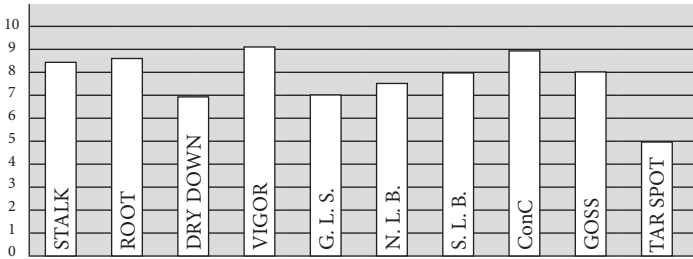


Roundup Ready® Corn 2

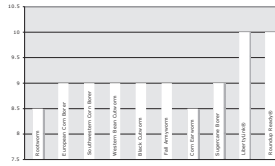
These hybrids are resistant to the Glyphosate herbicide also known as Roundup Ready®. They require a signed Bayer Technology Stewardship Agreement.

E1325RR 103 DAY

MSRP: \$225.00



- Moves West to East very well
- Strong yield potential
- Good Goss's wilt tolerance
- Excellent test weight



SmartStax®
RIB COMPLETE

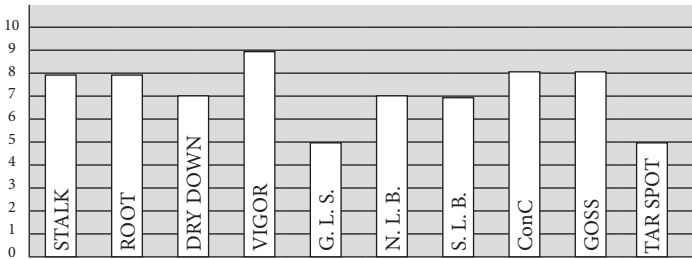
Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the technology traits expressed in the seed as set forth in the Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation and agreement to comply with the most recent stewardship requirements.

SmartStax® Corn

SmartStax® hybrids have eight traits that provide strong control of corn borer, fall armyworm, corn earworm, western bean cutworm, black cutworm, and rootworm. They have herbicide tolerance to Roundup Ready® and LibertyLink®. To use these hybrids you must have a signed Bayer Technology Stewardship Agreement and use an insect resistance management refuge. The grain must be properly channeled or fed to livestock.

E1312SS RIB 103 DAY

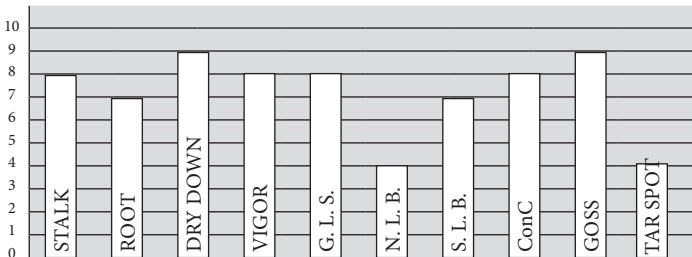
MSRP: \$310.00



- Very good stalks and roots complimented by great test weight
- Long ears with deep kernels
- Excellent early plant vigor, excellent choice for a no-til situation
- Handles variable soil types very well

E1412SS 104 DAY

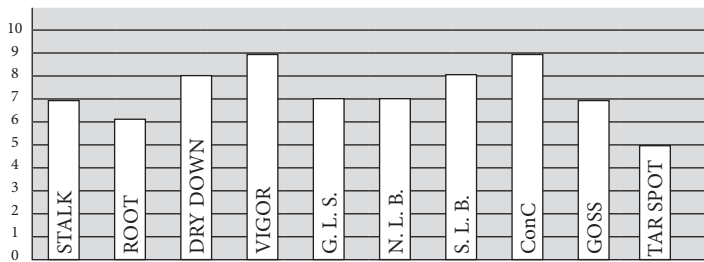
MSRP: \$310.00



- True drought guard product, moves south well
- Lots of flex in the ear.
- Flowers late, but has rapid fast dry down
- Ability to yield through disease, but responds to a fungicide well. Can handle stress well.

E2215SS RIB 112 DAY

MSRP: \$310.00



- Outstanding yield performance when kept on highly productive soils
- Excellent response to fungicide
- Average stalks
- Semi determinate ear
- Moves East and West very well

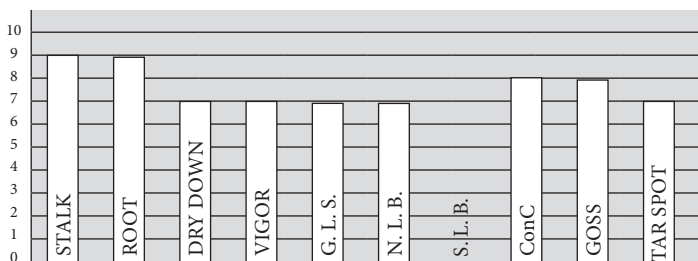


Duracade Viptera™

The Duracade Viptera™ trait stack is the industry's most comprehensive solution for proactively protecting yield potential and field health, featuring multiple modes of action to control 16 key insects—more than any competitive trait stack—including a unique mode of action that demonstrated strong performance against corn rootworm, and the convenience of an integrated E-Z Refuge® seed blend.

E9615DV 96 DAY

MSRP: \$290.00

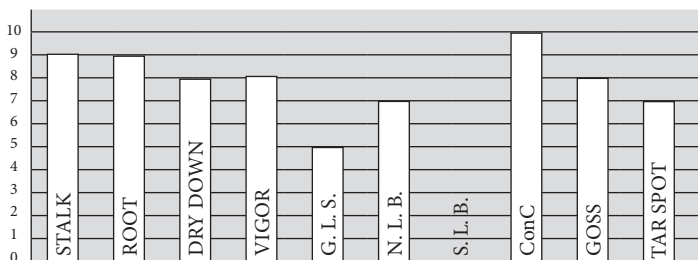


NEW

- Great silage product
- High yield potential across all environments
- Semi-Flex ear with average grain quality
- Excellent stalk and roots

E1315DV 103 DAY

MSRP: \$290.00



- Top end yield potential with great test weight
- Go anywhere type of Hybrid, handles all soil types and conditions extremely well
- Good option for silage
- Semi-flex ear with good girth



The Duracade® trait stack provides multiple modes of action against corn rootworm and corn borer, as well as suppression of ear-feeding insects. This trait stack includes a novel, alternate mode of action to help preserve trait durability and delay insect adaptation for long-term field health, and the convenience of an integrated E-Z Refuge® seed blend.

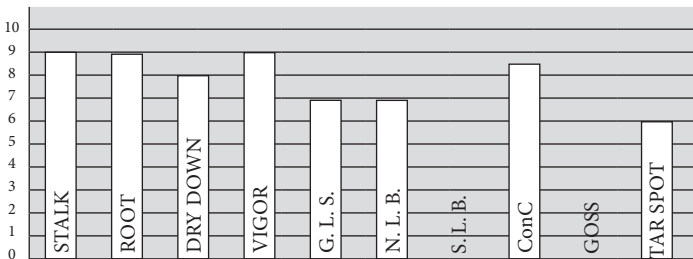
Pests controlled: European corn borer, southwestern corn borer, black cutworm, beet armyworm, southern cornstalk borer, lesser cornstalk borer, sugarcane borer, western corn rootworm, northern corn rootworm and Mexican corn rootworm. **Pests suppressed:** Corn earworm, western bean cutworm, fall armyworm and common stalk borer.



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E1815D 108 DAY

MSRP: \$290.00



NEW

- Prefers heavy soil, avoid stress
- Great silage product
- Good test weight
- Semi-flex ear with excellent girth

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

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. B.t. products may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. See the IRM/ Grower Guide for additional information. Always read and follow IRM requirements.

Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Glyphosate will kill crops that are not tolerant to glyphosate. Herculex® is a registered trademark of Dow AgroSciences LLC. Liberty-Link® and the Water Droplet Design® is a trademark of BASF Corporation. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. RIB Complete®, Roundup Ready 2 Technology and Design™, Roundup Ready®, SmartStax®, Trecepta® and VT Double PRO® are trademarks of Bayer Group.

Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. Agrisure Viptera® is a registered trademark of a Syngenta group company.

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

Agrisure® Above, Agrisure Viptera®, Duracade®, DuracadeViptera™, Viptera®, and E-Z Refuge® are trademarks of a Syngenta Group Company. More information about Duracade® is available at <http://www.biotradestatus.com>.

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, post-emergent weed control of Liberty® herbicide for optimum yield and excellent weed control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF.

Corn trait technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. Herculex® Technology incorporated into these seeds is commercialized under license from Corteva Agriscience LLC. HERCULEX® and the HERCULEX Shield are trademarks of Corteva Agriscience LLC.

Important: Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties. Please check with your local extension service to ensure registration status.

CruiserMaxx® Corn 250 is an on-seed application of Cruiser® 5FS insecticide delivered at the 0.25 mg a.i./seed rate and Maxim® Quattro fungicide. Cruiser®, CruiserMaxx® and Maxim® are trademarks of a Syngenta Group Company.



Variety	Mat.	Plant Height	Plant Rate	Ear Type	Heat Units	No Till
E9200	92	T	M-H	Flex	2310	*
E9500	95	S-M	M-H	Fixed	2465	*
E9520	95	M-T	L-M-H	Flex	2490	-
E9600	96	M	M-MH	Semi-Flex	2496	*
E9610	96	T	M-H	Semi-Flex	2395	*
E9620	96	M-T	M-H	Flex	2390	*
E9840	98	M-T	M-H	Semi-Flex	-	*
E9850	98	M-T	M-H	Flex	-	*
E9910	99	M	M-H	Semi-Flex	-	*
E1040	100	M	M-H	Semi-Flex	2457	-
E1330	103	M-T	M-H	Semi-Flex	2417	*
E1340	103	M	M-H	Flex	2570	*
E1450	104	M-T	M	Flex	2610	*
E1530	105	M-T	M-H	Semi-Flex	2630	*
E1540	105	M-T	L-M	Flex	2450	*
E1730	107	M-T	M-H	Semi-Flex	2700	*
E1740	107	M	M-H	Fixed	-	*
E1800	108	T	M	Flex	2680	-
E1920	109	T	L-M	Semi-Flex	2730	*
E2110	111	M	M-H	Semi-Flex	2690	*
E2120	111	T	M-H	Semi-Flex	2790	*
E2220	112	M-T	M-H	Semi-Flex	-	*
E2320	113	M	L	Flex	2780	*
E2500	115	M-T	L-M-H	Flex	2850	*
E2510	115	M-T	L-M-H	Flex	2718	*
E9615DV	96	M-T	M	Semi-Flex	-	*
E9807TRE	98	T	L-M	Flex	2450	*
E9803VT2P	98	M-T	M-H	Flex	-	*
E9809PCE	98	T	M-H	Semi-Flex	2440	*
E1013VIP3110	100	M	M-H	Semi-Flex	-	*
E1114AA	101	M	M-H	Fixed	-	*
E1109PCE	101	M-T	L-M	Flex	2460	*
E1213VIP3110	102	T	M-H	Semi-Flex	-	*
E1325RRR	103	M-T	M-H	Semi-Flex	2417	*
E1315DV	103	T	M-H	Semi-Flex	-	*
E1312SS RIB	103	M-T	M-MH	Semi-Flex	2575	*
E1403VT2P	104	M	L-M	Semi-Flex	2632	*
E1412SS	104	M-T	L-M	Flex	2605	*
E1609PCE	106	M-T	M-H	Semi-Flex	2630	*
E1813VIP3110	108	M-T	M-H	Semi-Flex	-	*
E1815D	108	M-T	M-H	Semi-Flex	2640	*
E2109PCE	111	M	M-H	Flex	2572	*
E2215SS RIB	112	M	MH-H	Semi-Determinate	2736	*
E2203VT2P	112	M	M-H	Semi-Flex	2780	*

SEED METER, VACUUM AND BULK SETTINGS

Seed Singular Settings:

The Advanced Seed Meter will accurately plant most seeds. The chart is a guideline to help optimize performance. It provides the range setting for seed sizes best suited for respective Discs.
IMPORTANT: If your seed meters are equipped with the older style singulator that uses a lever instead of a dial for adjustment, divide the singulator setting value from this chart in half.

Advanced Seed Meter Recommended Settings(e)

TABLE NOTES:

- Seed Disc designation indicates number of holes and hole diameter; i.e. seed Disc 4855 contains 48 holes with each hole diameter of 5.5 mm.
- Vacuum level is set by controlling fan speed control with seed on Disc. Setting is in inches of water (inch H2O).
- Meter cover indicates baffle position number. Meter inspection without draining seed can be made when baffle is set to position 0 (fully closed).
- Do not use singulator dial (lever) settings to control gross population; excessive doubles or skips will occur. Higher dial setting decreases singulator interference with seed Disc holes.
- Use the Seed Population/Spacing Chart and Seed Disc RPM Chart in this Section to determine Disc RPM.

Crop	Seeds/lb	Seed Disc Ordering Number	(a) Seed Disc Number	(b) Vacuum Setting In (H20)	(c) Baffle Setting	(d) Singulator Dial Setting	Bulk Fill Settings If Equipped	
							Bulk Fan RPM Speed per Planter Model	5 Series Inductor Air Baffle
CORN								
	1700-2400	192995A1	4855	18-20	2	3	1240/50 - 3500 1245 - 3600 1255 - 3500 1260/65 - 3000	Large Seed Baffle
	1700-2400	275116A1	2455	18-20	2	3		
	1700-2400	84217654	3655	18-20	2	3		
	1200-1700	192995A1	4855	20-22	2	3		
	1200-1700	275116A1	2455	20-22	2	3		
	1200-1700	84217654	3655	20-22	2	3		
Select Seed Disc based on optimum Disc RPM for the seed spacing and planting seed speed used. See Seed Disc RPM chart.								
SOYBEAN								
	3500-4500	397839A1	13035-SB	15-17	2	8	1240/50 - 3500 1245 - 3600 1255 - 3300 1260 - 3400 1265 - 3000	Large Seed Baffle
	3500-4500	87698876	10035-SB	15-17	2	8		
	3500-4500	87420630	8035-SB	15-17	2	8		
	2600-3500	193017A1	13045	15-17	2	8		
	2000-3500	87698875	10045-SB	15-17	2	8		
	2000-3500	377669A1	8045-SB	15-17	2	8		
Select Seed Disc based on optimum Disc RPM for the seed spacing and planting seed speed used. See Seed Disc RPM chart. 13035-SB and 13045 seed Discs have 2 staggered rows of holes. Select 100 hole Disc if seed crowds together on the 130 hole Disc								

Seed Disk RPM

[illegible]

HOW TO CORRECT YIELDS FOR MOISTURE CONTENT

When you weigh your crop, shell a 2 lb. sample and seal it in a jar. Have a moisture test made at your local elevator. When you know what the moisture is, refer to the table below.

If corn is below 15.5% moisture, add the weight in the amount of the percentage shown in the chart. If corn is above 15.5%, subtract the amount of the percentage shown.

Example: 50 bushel tests at 20%.
 $50 \times 5.3\% = 2.65$.
 $50 - 2.65 = 47.35$ bu. per acre
 corrected to 15.5% moisture.

Pct. Moisture in Corn	Pct. to Add	Pct. Moisture in Corn	Pct. to Subtract
10.5	5.9	15.5	0.0
11.0	5.3	16.0	0.6
11.5	4.7	16.5	1.2
12.0	4.1	17.0	1.8
12.5	3.6	17.5	2.4
13.0	3.0	18.0	3.0
13.5	2.4	18.5	3.6
14.0	1.8	19.0	4.1
15.0	0.6	20.0	5.3
		20.5	5.9
		21.0	6.5
		22.0	7.7
		23.0	8.9
		24.0	10.1
		25.5	11.8
		30.5	17.8
		35.5	23.7
		40.5	29.6
		50.5	41.4

Kernel Count per 50# bag	AC Air Champ Seed Disc	Massey Seed Disc	White Air Seed Disc	Ford Air Seed Disc	IHC (1) Cycle Seed Drum	John Deere (2) Finger Pickup
115,000 & up	Small	Small	Regular or Small	Regular	7 to 8 oz. air pressure. Brush setting full up. Seed drum-belt recommended.	33% reduction in maximum speed.
100,000 to 110,000	Small	Small	Regular	Regular	7 to 8 oz. air pressure. Brush setting, full up.	10% reduction in maximum speed.
87,000 to 97,000	Medium	Medium	Regular	Regular	8 to 9 oz. air pressure. Brush setting, light contact.	Up to maximum recommended speed.
77,000 to 85,000	Medium	Medium	Regular	Regular	9 to 10 oz. air pressure. Brush setting, light contact.	Maximum recommended speed.
69,000 to 75,000	Large	Large	Regular	Regular	10 to 11 oz. air pressure. Brush setting, full down.	Maximum recommended speed.
62,500 to 68,000	X-Large	X-Large	Large	Large	11 to 12 oz. air pressure. Brush setting, full down.	Maximum recommended speed.
61,500 or less	X-Large	X-Large	Large	Large	100% possible air pressure. Brush setting, full down.	Maximum recommended speed desirable.

(1) Add 1 to 2 ounces pressure for the new IHC 800 series "Early Riser" models. This model carries less air pressure in the seed drum than in the seed hopper.

(2) **Worn ripples** on the pickup finger wear plates **will increase this overdrop drastically** when planting smaller seed. New brushes should be used too.

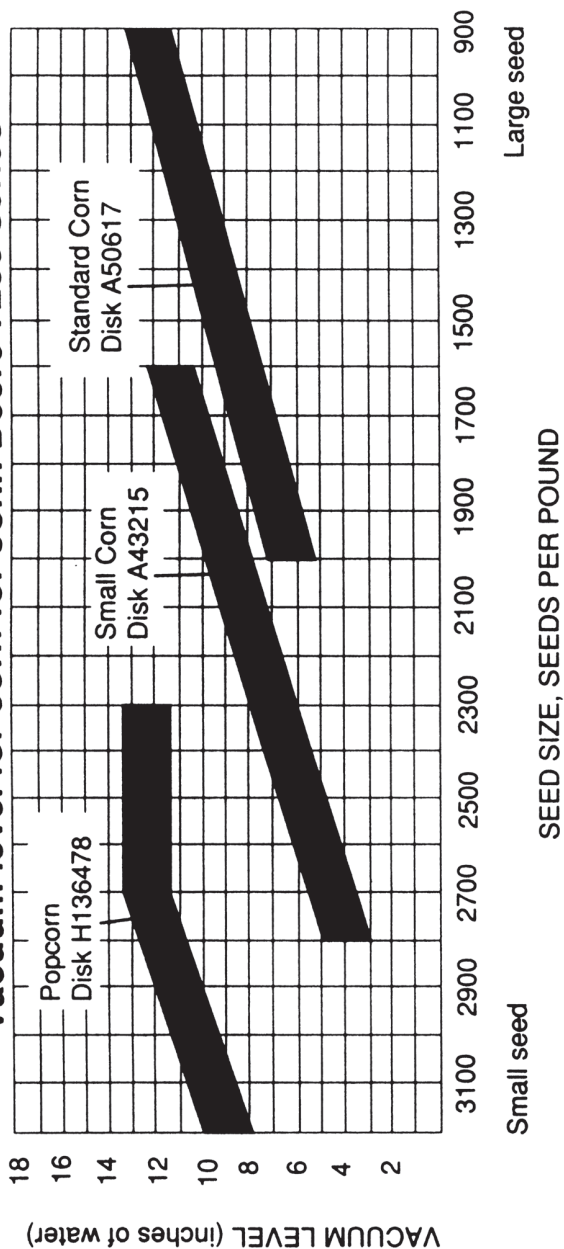
PLANTER PLATE GUIDE

ROUNDS														larger			
smaller	14	15	16	17	18	19	20	21	22	23	24	25	26				
Deere 16 Cell (1)		H2295			H2043	H1933	H1933	H1933	H2044	H2044	H2044		H2820				
		B16238			H2824	B10853	B10853	B10853	H2712	H2712	H2712						
Plastic-Deere Type 16 & 24 B30 Cell (1)		B3	B25	B25	B2	B150	B1	B1	B54	B0	B0	B0	B28				
						3561A		3324A	3324A	3042A		462354	462355				
IH 16 Cell (2)		492498		492497	489438	489437				3043AA			489439				
Plastic-IH Type 16 & 24 C30 Cell (2)		C3	C3	C25	C2X	C150	C1X	C1X	C54	C0X	C0X	C0X	C12				
Minneapolis Moline (1)	20H850	20H850	20H851	20H851	20H852	20H852	20H852	20H853	20H853	20H853	20H853	20H853	20H853				
M-Moline, Oliver (1)	245523	245523	245524	245524	245526	245528	245528	245528	245528	245531	245531	245533	245533				
Case (2)	(2)	PT466	PT466	(2)	T1273	PT429	PT429	T34799	T34799	T34797	T34797	(2)	(2)				
Allis Chalmers 16 Cell (3)	559141	309436	309436	302609	302609	302609	302609	302602	302602	302602	302602	(3)	344033				
Allis Chalmers 24 Cell (3)	559143	555134	555136	555136	555130	555130	555130	346048	346048	346048	555130	555130	(3)				
Massey- Ferguson	443997	440796	440796	440796	440796	442996	442996	442996	442996	442997	442997	442997	442994				
Ford	108956	108956	108956	7300001	7300001	108957	108957	108952	108952	108952	108952	108952	108952				

PLANTER PLATE GUIDE

FLATS													larger	
smaller	←	1	2	3	4	5	6	7	8	9	10	11	12	13
COLUMN #		1	2	3	4	5	6	7	8	9	10	11	12	13
Deere														
16 Cell (1)				H1268	H697	H697	H697	H694	H694	H695	H2504	H2503	H2156	
Deere														
24 Cell (1)				B16236	H2571	H2571	H2571	H1302	H1302	H950	H2848	H2847	H2594	
Plastic-Deere														
Type 16 & 24 B190	B90	B9	B9	B17	B10	B6	B62-24	B12	B7	B11	B8	B5	B13	
Cell (1)														
IH 16 Cell (2)				3236A	3236A	3546A	1975A	1975A	622174	1977A	1977A	1978A	1978A	
IH 24 Cell (2)				480190	480190	480691	469809	469809	480189	469810	469810	469811	469811	
Plastic-IH														
Type 16 & 24 C190	C90	C9	C9	C17	C697	C6	C6	C65	C7-16X C7-24X	C7	C11	C8	C8	
Cell (2)														
Minneapolis														
Moline (1)				20H840†	20H841†	20H841†	20H842†	20H842†	20H842†	20H844	20H845#	20H846#	20H846#	
M-Moline,														
Oliver (1)	(1)	245500	245500	245500	245501	245501	245501	245506	245506	245510	245512	245513	245516	
Case (2)	(2)	PT425	PT425	PT464	(2)	(2)	(2)	PT447	PT447	T1275	PT427	PT427	PT428	
Allis Chalmers														
16 Cell (3)	559140	302604	302604	302605	300980	300980	300980	300106	300106	300107	300107	309425	300108	
Allis Chalmers														
24 Cell (3)	559142 (3)	559142	559142	559142	559138	559138	559138	347943	345714	345714	344032	345714	345434	
Massey-Ferguson														
Ford	7300000	108954	108954	108954	109785	109785	109785	109786	109786	109788	126785	126785	7300002	

Vacuum level for corn for John Deere 7200 series



Use the bag label to calculate the seed size in seeds per pound. Example: If the bag label indicates there are 80,000 kernels in the bag and the bag weighs 52 pounds, the seed size is $1,536$ seeds per pound ($80,000 \div 52$). Referring to the chart, the vacuum level would be set at 9.0" when using the standard corn disk. IMPORTANT: You must calculate the proper vacuum level for each corn hybrid.

CORN POPULATION PER ACRE

Average Plant or Seed Spacing (inches)	Row Width (inches)				Average Plants Per 50-foot Row
	30	36	38	40	
	Plants or seeds per acre				
5.5	37,600	31,700	29,700	28,200	108
5.7	36,200	30,600	28,600	27,200	104
6.0	34,800	29,000	27,500	26,100	100
6.2	33,500	28,100	26,400	25,100	96
6.5	32,100	26,800	25,300	24,000	92
6.8	30,700	25,600	24,200	23,000	88
7.0	29,900	24,900	23,400	22,400	85
7.3	28,600	23,900	22,600	21,400	82
7.5	27,900	23,200	22,000	20,900	80
7.8	26,500	22,300	20,900	19,900	76
8.0	26,100	21,800	20,600	19,600	75
8.3	25,100	21,000	19,800	18,800	72
8.5	24,400	20,500	19,300	18,300	70
8.8	23,700	19,800	18,700	17,800	68
9.0	23,000	19,400	18,200	17,300	66
9.3	22,300	18,700	17,600	16,700	64
9.5	22,000	18,300	17,100	16,500	62
10.0	20,900	17,400	16,500	15,700	60
10.3	20,200	16,900	16,000	15,200	58
10.5	19,900	16,600	15,700	14,900	57
10.7	19,500	16,300	15,400	14,600	56
11.0	19,000	15,800	15,100	14,300	55
11.5	18,100	15,200	14,300	13,600	52
12.0	17,400	14,500	13,800	13,100	50
12.5	16,700	13,900	13,200	12,500	48
13.0	16,000	13,400	12,700	12,000	46
13.5	15,500	12,900	12,100	11,600	44
14.0	14,900	12,400	11,600	11,200	42
15.0	13,900	11,600	11,000	10,500	40

FORMULA FOR FIGURING CORN YIELDS

Corn

(100 – harvest moisture) × (lbs. grain harvested)
 × (110.465) ÷ (row, length, ft.) ÷ (row width, in.)
 ÷ (no. rows harvested) = bu. of 15.5% moisture
 (no. 2) corn/A.

PLANT POPULATIONS PER ACRE

		Row Length Equal to
Count the number of stalks in a length of row equal to 1/1000 of an acre. Make several counts in separate sections of the cornfield, figure the average of these samples, then multiply this number by one thousand.	Row	1/1000
	Width	Acre
	20"	26.2 ft.
	28"	18.7 ft.
	30"	17.4 ft.
	34"	15.4 ft.
	36"	14.5 ft.
	38"	13.8 ft.
	40"	13.1 ft.

NUMBER OF ROWS TO MAKE ONE ACRE

LENGTH OF ROW	ROW WIDTH			
	30"	36"	38"	40"
40 Rods	26.4 Rows	22.0 Rows	20.8 Rows	19.8 Rows
60 Rods	17.6 Rows	14.7 Rows	13.9 Rows	13.2 Rows
80 Rods	13.2 Rows	11.0 Rows	10.4 Rows	9.9 Rows
100 Rods	10.6 Rows	8.8 Rows	8.3 Rows	7.9 Rows
120 Rods	8.8 Rows	7.3 Rows	6.9 Rows	6.5 Rows
140 Rods	7.7 Rows	6.2 Rows	5.9 Rows	5.6 Rows
160 Rods	6.6 Rows	5.5 Rows	5.2 Rows	4.9 Rows



Epley Brothers Hybrids recommends planting new soybean seed each year to ensure top quality and the newest genetics to give you the grower maximum yield potential. Most soybeans are still covered by a variety patent, and you will not be able to save and plant the seed from those varieties without a license giving you that added right. Check with your seed supplier before saving.



Think Before You Bin Run

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

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

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

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

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

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

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

High Value of New Branded Seed

Latest Technology

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

Customer Service

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

Reliable Germination and Quality

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

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

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

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



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

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

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

Roundup Ready® Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contain genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-888-283-6847 for recommended Roundup Ready® Xtend Crop System weed control programs.

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Rev 01/2022

Due to market fluxuation, published prices are subject to change at any time.



Enlist E3®

ESB1901E3 2.0 MATURITY

MSRP: \$47.00

- Very strong Sudden Death Syndrome tolerance
- Very good stress tolerance
- Great on Iowa and Minnesota zones
- Medium-tall plant with great standability
- Handles Iron deficiency Chlorosis and White Mold well

ESB204E3 2.0 MATURITY

MSRP: \$47.00

- Good ratings on SDS and White Mold
- Handles stress well
- Iron Deficiency Chlorosis tolerance is very good
- Peking Soybean cyst nematode gene
- Medium tall plant with good stand ability
- Loves to move north, especially in Minnesota

NEW

ESB243E3 2.4 MATURITY

MSRP: \$47.00

- Has potential for big yields
- Good SDS tolerance
- Really nice plant style with good stand ability
- Resistant to Northern stem canker
- 88.788 Soybean cyst nematode gene

NEW

ESB2502E3 2.5 MATURITY

MSRP: \$47.00

- Medium to tall plant that stands very well
- More of an offensive soybean that handles stress extremely well.
- Medium-tall plant height with moderate side branching
- Outstanding Phytophthora Root Rot tolerance.
- Above average rating on White mold, SDS, along with Charcoal rot.
- Very high yield potential
- 88.788 Soybean Cyst Nematode gene.

ESB2602E3 2.7 MATURITY

MSRP: \$47.00

- Medium plant height with substantial side branching
- Handles stressful yield environments well.
- Excellent stainability, very pretty plant.
- 88.788 Soybean Cyst Nematode gene
- Excellent Phytophthora root rot tolerance
- Large footprint as it can be placed almost anywhere.

ESB2803E3 2.8 MATURITY

MSRP: \$47.00

- Medium plant height with moderate side branching
- 88.788 Soybean Cyst Nematode gene.
- Outstanding yield potential across all yield environments
- Very good stress tolerance.
- Above average Sudden Death Syndrome score
- Only weakness might be white mold tolerance.

Seeds containing the PowerCore® Enlist®, PowerCore® Enlist® Refuge Advanced®, and Enlist® Corn - REFUGE traits are protected under one or more U.S. patents which can be found at: www.traitstewardship.com The purchase of this traited seed includes a limited license to produce a single crop in the United States. The use of seed from such a crop and/or the progeny thereof for propagation or seed multiplication or for production or development of a hybrid or different variety of seed is strictly prohibited. You acknowledge and agree to be bound by the terms and conditions of the following documents in effect at the time of planting of this seed: (i) the Corteva Agriscience Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements.

To plant PowerCore Enlist, PowerCore Enlist Refuge Advanced, and Enlist Corn - REFUGE seed, you must have a limited license from Corteva Agriscience (or other appropriate affiliates). In consideration of the foregoing, Corteva Agriscience grants to the Grower a limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed.

IRM - Properly managing trait technology is key to preserving it as a long term crop protection tool. Growers who fail to comply with IRM requirements risk losing access to this product. To help preserve the effectiveness of B.t. corn technologies, growers planting B.t. corn technologies are required to follow an IRM Plan. Consult the Corn Product Use Guide for appropriate refuge configuration options. Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the Technology Use Agreement and Product Use Guide. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements. For complete details on IRM requirements for hybrids with Bt technology, including refuge examples and important information on the use of insecticides on refuge and Bt corn acres, please consult appropriate Product Use Guide. Go to [//www.corteva.us/Resources/trait-stewardship.html](http://www.corteva.us/Resources/trait-stewardship.html) to download the latest Corteva Agriscience Corn Product Use Guide.

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

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

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® corn and soybeans. 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 CORN AND SOYBEANS, 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

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Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

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ENLIST® WEED CONTROL SYSTEM— PROVEN CONTROL OF TOUGH WEEDS

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 on Enlist® crops.

SOYBEANS 2,4-D choline | Glyphosate | Glufosinate

CORN 2,4-D choline | Glyphosate | Glufosinate | FOP Herbicides



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



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

On-Target Application

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

Due to market fluxuation, published prices are subject to change at any time.

Conventional Soybeans

ESB2283NC 2.2 MATURITY

MSRP: \$28.00

- Very good defensive package
- Outstanding yield potential
- Fairly bushy plant and good height
- Good option if you have Soybeans Cyst Nematodes

2025 Soybean Characteristics Chart

Enlist E3

Variety	Plant Size	Lodging	Emergence	IDC	Plant Type	PRR	BSR	SWM	Maturity	Cyst	Stress tolerance	SDS
ESB1901E3	M-T	6.5	8	6.5	INT-BUSH	7	3	6.5	1.9	YES	8	7.5
ESB204E3	M-T	7	7.5	7	INT.	8	5	6.5	2	YES	7.5	6.5
ESB243E3	M	6.5	8	6.5	INT.	7	6	6	2.4	YES	7	6.5
ESB2502E3	M-T	6.5	7.5	5.5	INT-BUSH	7	3	6	2.5	YES	7.5	6.5
ESB2602E3	M	7	7	6	BUSHY	7	8	6	2.7	YES	7	6
ESB2803E3	M	6.5	7	6.5	INT-BUSH	7	8	5.5	2.8	YES	7.5	6.5

Conventional Soybeans

Variety	Plant Size	Lodging	Emergence	IDC	Plant Type	PRR	BSR	SWM	Maturity	Cyst		
ESB2283NC	M-T	2	1	1.7	INT-BUSH	*	TOL	*	2.2	YES		

FORMULA FOR FIGURING SOYBEAN YIELDS

Soybean

FORMULA FOR FIGURING SOYBEAN YIELDS

Soybean

(100-harvest moisture)x(lbs. grain harvested)
 x(100,138)÷(row, length, ft.)÷(row width, in.)
 ÷(no. rows harvested)=bu. of 13% moisture soybeans/A.

M=Medium T= Tall B=Bush R=Resistant S=Susceptible
 TL=Tolerant N/A=Not Applicable MR=Moderately Resistant
 Score 1=Best 5=Worse PPR=Phytophthora Root Rot
 BSR=Brown Stem Rot SWM=Sclerotinia White Mold

Soybean Planting Rate Chart

POUNDS SEED PER ACRE

SEEDS PER POUND	DESIRED SEEDS PER ACRE					
	100,000	120,000	140,000	160,000	180,000	200,000
2,000	50	60	70	80	90	100
2,100	48	57	67	76	86	95
2,200	46	55	64	73	82	91
2,300	44	53	61	70	78	87
2,400	42	50	58	67	75	83
2,500	40	48	56	64	72	80
2,600	38	46	54	62	69	77
2,700	37	44	52	59	67	74
2,800	36	43	50	57	64	71
2,900	35	41	48	55	62	69
3,000	34	40	47	53	60	67
3,100	33	39	45	52	58	65
3,200	32	38	44	50	56	63
3,300	31	36	42	48	55	61
3,400	30	35	41	47	53	59
3,500	29	34	40	46	51	57

SEEDS PER FOOT OF ROW

ROW SPACING	SEEDS PER FOOT ROW SPACING					
	100,000	120,000	140,000	160,000	180,000	200,000
7"	1.3	1.6	1.8	2.1	2.4	2.7
10"	1.9	2.3	2.7	3.1	3.4	3.8
15"	2.9	3.5	4.1	4.6	5.2	5.7
20"	3.8	4.6	5.3	6.1	6.8	7.6
30"	5.7	6.8	8.0	9.1	10.3	11.4
36"	6.9	8.3	9.7	11.1	12.4	13.8
38"	7.3	8.8	10.2	11.7	13.1	14.5

Square Yard and "Hula Hoop" Stand Count Method For Soybeans									
Plants/square Yard or Hula Hoop Method	Plants/A(1,000) Square Yard Method		Hula Hoop inside diameter (inches)						
			Plants /A(1,000), Hula Hoop Method						
	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
10	89	83	78	73	69	65	62	58	5.5
11	98	91	86	81	76	72	68	64	61
12	107	100	94	88	83	78	74	70	66
13	116	108	101	95	90	85	80	76	72
14	124	116	109	103	97	91	86	82	77
15	133	125	117	110	104	98	92	88	83
16	142	133	125	117	110	104	99	93	89
17	82	151	141	133	125	117	111	105	99
18	87	160	150	140	132	124	117	111	105
19	92	169	158	148	139	131	124	117	111
20	97	178	166	156	147	138	130	123	117
21	102	187	175	164	154	145	137	129	123
22	106	196	183	172	161	152	143	136	128
23	111	204	191	179	167	159	150	142	134
24	116	213	200	187	176	166	157	148	140
25	121	222	208	195	183	173	163	154	146
26	126	231	216	203	191	179	170	160	152
27	131	240	224	211	198	186	176	166	158
28	136	249	233	218	205	193	183	173	163
29	140	258	241	226	213	200	189	179	169
30	145	266	250	234	220	207	196	185	175
31	150	275	258	242	228	214	202	191	181
32	155	284	266	250	235	221	209	197	187
33	160	293	275	258	242	228	215	203	193
34	165	302	284	266	250	235	222	209	199
35	169	311	293	275	258	242	228	216	204
36	174	320	302	284	266	250	235	222	210
37	179	329	311	293	275	258	242	228	216
38	184	338	320	302	284	266	250	235	222
39	184	347	331	311	293	275	258	242	228
40	193	356	340	320	302	284	266	250	235
41	198	365	349	331	311	293	275	258	242

Equivalents and Conversions

1 hectare = 2.47 acres
 1 kilometer = 0.62 miles
 1 meter = 39.37 inches
 1 metric ton = 1.1 tons

1 liter = 0.908 quarts dry
 1.057 quarts liquid
 16.5 ft. = 1 rod
 43,560 sq. ft. = 1 acre

To convert Celsius° to Fahrenheit°.

$$\left(\frac{^{\circ}\text{C} \times 9}{5}\right) + 32 = ^{\circ}\text{F}$$

to convert Fahrenheit° to Celsius°.

$$(^{\circ}\text{F} - 32) \times \frac{5}{9} = ^{\circ}\text{C}$$

To find circumference of a circle when diameter is know, multiply diameter by 3.1416

To find diameter when circumference is known, divide circumference by 3.1416 or multiply by 0.3183



Area of circle = radius squared x 3.1416 or diameter squared x 0.7854



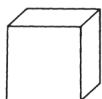
Area of rectangle or square = length x width



Area of right triangle = length x width ÷ 2



Area of other triangle = base x height at right angle to base ÷ 2 (see diagram)



Volume of cube or rectangular box is length x width x height



Volume of a cylinder is radius squared x 3.1416 x length of cylinder.



Volume of cone is radius squared x 1.0472 x height (e.g., round hopper bottom)



Volume of pyramid is area of base x 1/3 the height (e.g., square hopper bottom)

Volume Conversion Factors:

Cu. ft. x 0.8 = bushels of grain or shelled corn
 Cu. ft. x 0.4 = bushels of ear corn
 Cu. ft. x 7.48 = gallons
 Cu. ft. x 62.4 = lbs. of water
 Gallons x 8.330 = lbs. of water
 Gallons x 0.1337 = cu. ft.
 Cu. in. ÷ 1728 = cu. ft.
 Cu. yd x 27 = cu. ft.
 Cu. ft. ÷ 27 = cu. yds.

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TERMS OF SALE

The following provisions are part of the terms of sale. Buyer intends to purchase seed solely for producing a grain or forage crop and that the seed, and any product from the seed, shall not be resold or used as seed. Buyer agrees that purchase of this seed does not give any rights to use the seed for research purposes. Buyer acknowledges that failure to adhere to the provision would substantially damage the supplier/developer who has a substantial investment in this seed product. Seller warrants that the seed sold by it is merchantable and conforms to the descriptions on the label within tolerances established by law. This express warranty excludes and is in lieu of all other warranties, express or implied, including any warranty of fitness for a particular purpose which is hereby expressly disclaimed. It is expressly agreed that the Seller's liability to the Buyer or others for any loss (whether such loss results from breach of warranty, or contract, or from negligence) shall be limited solely to the amount of the purchase price of the seed. The remedy hereby provided shall be the exclusive and sole remedy of the Buyer for any such loss. In no event shall the Seller be liable for any consequential or incidental damages sustained by the Buyer or any other person.

For more information on Epley Seed Corn, see your Epley salesman, or call or write:

Epley Brothers Hybrids, Inc. 22494 Yale Ave.
Shell Rock, IA 50670
319-885-6293
800-728-6293
epley@butler-bremer.com



epley hybrids, inc.

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