45N04E™ BRAND

4.5 RM

Enlist E3 SOYBEANS

- Very good frogeye leaf spot tolerance
- Metribuzin tolerant
- E3/STS stacked variety
- Very good emergence and standability
- Outstanding stem canker score
- Best performance when used with Corteva Agriscience Lumisena® fungicide seed treatment

POSITIONING AND MANAGEMENT

M	**M**	**W**
Plant Height	Canopy Width	Flower Color
LT	**BR**	**BL**
Pubesc. Color	Pod Color	Hilum Color
PI88788		**3100-3300**
SCN	PRR Resistance	Average Seed Size (Seeds per pound)
MS		
Brown Stem Rot		

RATINGS:

9 = Outstanding or resistant
8 = Excellent
7 = Very Good
6 = Good
5 = Average
4 or less = Poor
NR = Not rated
HT = Highly Tolerant
MS = Moderately Susceptible
MT = Moderately Tolerant
SEG = Segregating Gene

ABBREVIATIONS

BSR = Brown Stem Rot
IDC = Iron Deficiency Chlorosis
PRR = Phytophthora Field Tolerance
SCN = Soybean Cyst Nematode
SDS = Sudden Death Syndrome

PHYTOPHTHORA ROOT ROT RESISTANCE*

Rps1a: races 1, 2, 10, 11, 13-18, 24
Rps1c: races 1-3, 6-11, 13, 15, 17, 21, 23, 24
Rps1k: races 1-11, 13-15, 17, 18, 22, 24
Rps3: races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25

NG = No gene

* Varieties not carrying a major Phytophthora gene may still contain adequate field tolerance to protect against major infection

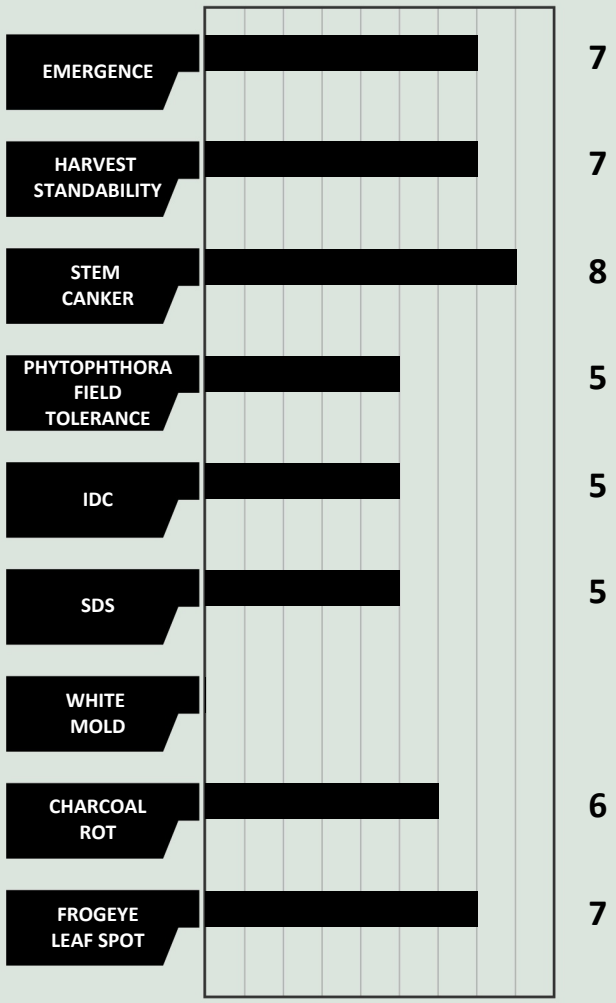
CANOPY WIDTH:

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

PLANT HEIGHT:

T = Tall
M = Medium
MT = Medium-Tall

AGRONOMICS



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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.

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.

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

PowerCore® multi-event technology developed by Corteva Agriscience and Monsanto. PowerCore® is a registered trademark of Monsanto Technology LLC. 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.

PowerCore® Enlist® corn products with HX1, VTP, ENL, LL, RR. A separate 5% corn borer refuge in the corn belt, and a separate 20% corn borer refuge in EPA-designated cotton-growing counties must be planted PowerCore Enlist products.

Qrome® products contain 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. Qrome® products are approved for cultivation in the U.S. and Canada. They have also received approval in a number of importing countries, most recently China. For additional information about the status of regulatory authorizations, visit http://www.biotradestatus.com/.

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

Roundup Ready® is a registered trademark used under license from Monsanto Company. 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.

Agrisure® RW trait. Agrisure Viptera® trait. Agrisure® is a registered trademark of, and used under license from, a Syngenta Group Company. 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.

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.

Enlist E3® soybeans - The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies L.L.C.

Enlist Duo® and Enlist One® herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.
Liberty®, LibertyLink® and the Water Droplet Design are registered trademarks of BASF. Roundup Ready® is a registered trademark used under license from Monsanto Company.

Components of LumiGEN™ seed treatments are applied at a Corteva Agriscience production facility, or by an independent sales representative of Corteva Agriscience or its affiliates. Not all sales representatives offer treatment services, and costs and other charges may vary. See your sales representative for details. Seed applied technologies exclusive to Corteva Agriscience

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