

S48EN02



4.8 RM

Enlist E3[®] Soybeans

Management & Positioning

- Group IV Enlist E3[®] release features resistance for southern root knot nematode
- Resistance for stem canker with very good tolerance for frogeye leaf spot
- Medium-tall plant height with moderately-bushy plant type & very good standability
- Very strong tolerance scores for Cercospora leaf blight
- Best adapted for mixed to loam soil types in the Delta and East Coast regions

Product Management

Row Width:

- Wide 36-40"..... R
- Twin or 30"..... HR
- 15-20"..... HR
- Drilled..... R

Planting Populations:

- Greater than 190K... N
- 160-180K..... R
- 130-150K..... HR
- 100-120K..... R

Tillage:

- Conventional..... HR
- Minimum..... HR
- No-Till..... R

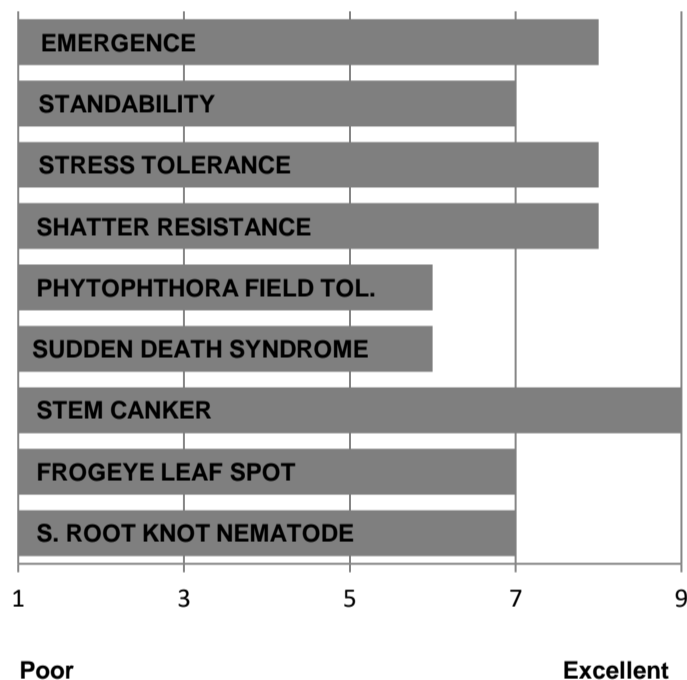
Soils:

- Clay & Clay Loams..... R
- Sands & Sandy Loams... HR
- Loams & Silt Loams..... HR
- Poorly Drained..... N
- IDC..... N
- High pH..... N

Yield Environment:

- High..... R
- Stable..... HR
- Stress..... HR
- Double Crop/Delayed.... HR
- Following Soybeans..... HR

Agronomic Ratings



Phytophthora Field Tolerance

- Score designates reaction to *Phytophthora sojae* Race 25 for commercial genes Rps1a, Rps1c and Rps1k
- Score designates reaction to *Phytophthora sojae* Race 30 for commercial gene Rps3a. Score also based upon in-field observations
- Phytophthora Field Tolerance scores are important for races of Phytophthora not covered by specific genes or resistance

Agronomic Traits

- Plant Height..... **Med-Tall**
- Canopy Type..... **Mod-Bush**
- Flower Color..... **White**
- Pubescence..... **Light Tawny**
- Pod Color..... **Tan**
- Hilum Color..... **Brown**
- Oil Content..... **19.0-20.0**
- Protein Content..... **34.0-35.0**
- Metribuzin Rating..... **6**
- Chloride Sensitivity..... **Includer**

Disease Tolerance Ratings

- Cyst Nematode..... **R3,MR14**
- SCN Resist. Source. **PI88788**
- Scler. White Mold.... **n/a**
- Brown Stem Rot..... **n/a**
- Sudden Death..... **6**
- Iron Def. Chlorosis... **n/a**
- IDC Recovery..... **n/a**
- PRR Resistance Gene... **S**
- PRR Field Tolerance..... **6**
- Frogeye Leaf Spot..... **7**
- Stem Canker..... **9**
- Charcoal Rot..... **n/a**
- S. Root Knot Nematode.. **7**
- Cercospora Leaf Blight... **7**

Plant with These Varieties:

S45ES10 S46ES91 S49EN12 S51EN62

Soybean Cyst Nematode:

R = Resistant MR = Moderately Resistant S = Susceptible # Denotes race number for resistance

Phytophthora Gene Resistance:

- S = Susceptible or no specific gene resistance
- Rps1a = Denotes resistance to Races 1, 2, 10, 11, 13-18, 24, 26, 27, 31, 32 & 36
- Rps1c = Denotes resistance to Races 1-3, 6-11, 13, 15, 17,21, 23, 24, 26, 28-30, 32, 34, 36, 41, 42 & 44.
- Rps1k = Denotes resistance to Races 1-11, 13-15, 17,18, 21-24, 26, 36, 37 & 42-44
- Rps3a = Denotes resistance to Races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 28, 29, 31-35, 40 & 43-45
- HRps = Denotes Heterozygous resistance (partial resistance) to the specific gene noted

Ratings Key: 9 = Excellent, 5 = Average, 1 = Poor, HR = Highly Recommended, R = Recommended, N = Not Recommended, n/a = Insufficient Data

Actual ratings based on best current information available and may be affected by changing environmental and management conditions

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