

# S25EN02



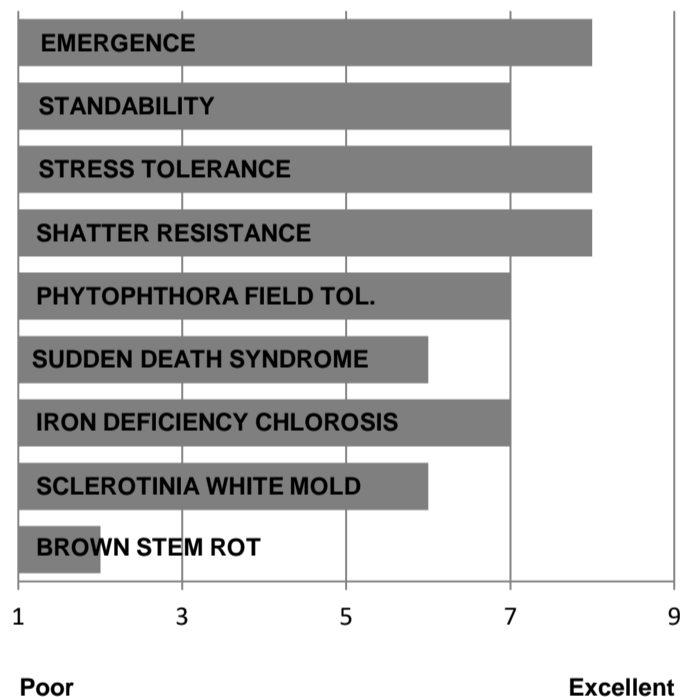
2.5 RM

Enlist E3<sup>®</sup> Soybeans

### Management & Positioning

- Enlist E3<sup>®</sup> introduction features Peking source for cyst nematode resistance
- Medium-tall plant height with moderate branching and very good standability
- Rps1k gene for Phytophthora and very good Iron Deficiency Chlorosis tolerance
- Above average tolerance scores for Sclerotinia white mold and Sudden Death
- Adapted from Iowa to the east with ability to move north or south of maturity zone

### 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 of resistance

### Product Management

#### Row Width:

Wide.....	HR
15-20".....	HR
Drilled.....	HR

#### Planting Populations:

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

#### Tillage:

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

#### Soils:

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

#### Yield Environment:

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

### Agronomic Traits

Plant Height.....	Med-Tall	Hilum Color.....	Buff
Canopy Type.....	Moderate	Oil Content.....	18.0-19.0
Flower Color.....	Purple	Protein Content.....	34.0-35.0
Pubescence.....	Gray	Metribuzin Rating.....	6
Pod Color.....	Tan	Chloride Sensitivity.....	n/a

### Disease Tolerance Ratings

Cyst Nematode.....	R1,R3,R5	PRR Resistance Gene...	Rps1k
SCN Resist. Source..	Peking	PRR Field Tolerance.....	7
Scler. White Mold....	6	Frogeye Leaf Spot.....	n/a
Brown Stem Rot.....	2	Stem Canker.....	9
Sudden Death.....	6	Charcoal Rot.....	6
Iron Def. Chlorosis...	7	S Root Knot Nematode...	n/a
IDC Recovery.....	Average	Cercospora Leaf Blight...	n/a

### Plant with These Varieties:

**S23ES32 S25EN41 S27EN89 S28EN22**

### 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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