

# S02EN71



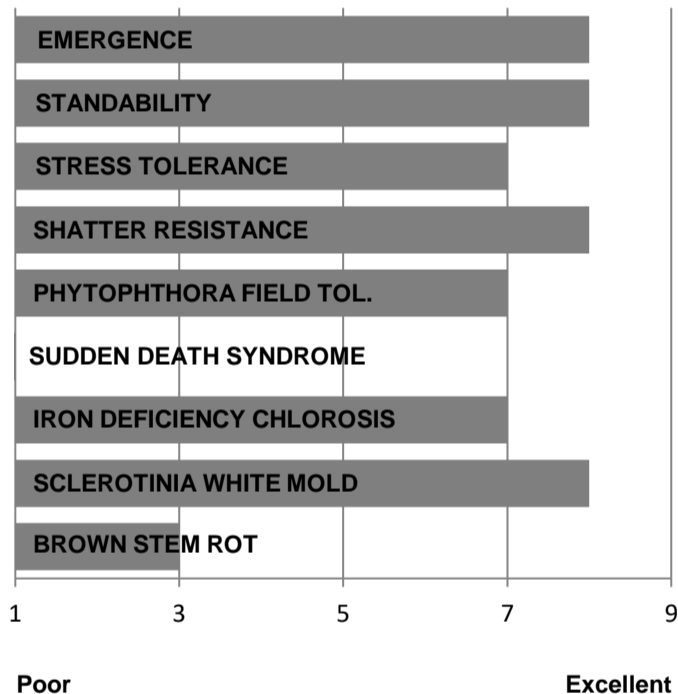
0.2 RM

Enlist E3<sup>®</sup> Soybeans

### Management & Positioning

- Enlist E3<sup>®</sup> release at early group 0 maturity features strong agronomics
- Resistance for cyst nematode with the Rps1c gene for Phytophthora Root Rot
- Medium plant height with moderate canopy type and excellent standability
- Excellent Sclerotinia white mold tolerance and good tolerance for Iron Chlorosis
- Performance strengthens moving west of the valley across North Dakota

### 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...	HR
160-180K.....	HR
130-150K.....	R
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.....	R
IDC.....	HR
High pH.....	N

#### Yield Environment:

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

### Agronomic Traits

Plant Height.....	Medium	Hilum Color.....	Buff
Canopy Type.....	Moderate	Oil Content.....	17.0-18.0
Flower Color.....	Purple	Protein Content.....	33.0-34.0
Pubescence.....	Gray	Metribuzin Rating.....	7
Pod Color.....	Tan	Chloride Sensitivity.....	n/a

### Disease Tolerance Ratings

Cyst Nematode.....	R3,MR14	PRR Resistance Gene...	Rps1c
SCN Resist. Source..	PI88788	PRR Field Tolerance.....	7
Scler. White Mold....	8	Frogeye Leaf Spot.....	n/a
Brown Stem Rot.....	3	Stem Canker.....	8
Sudden Death.....	n/a	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:

S008EN20 S05EN82

### 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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