

S21EN81





ENLIST 2.1 RM

Management & Positioning

- Early group II Enlist E3® soybean line that is a performance leader for its maturity
- Very good Sclerotinia white mold tolerance and Rps1k gene for Phytophthora root rot
- Resistance for brown stem rot with good tolerance for iron deficiency chlorosis
- Medium plant height with moderate canopy type and very good standability
- Average tolerance for sudden death syndrome; consider Saltro® for added protection

Agronomic Ratings

| EMERGENCE |
|---------------------------|
| STANDABILITY |
| STRESS TOLERANCE |
| SHATTER RESISTANCE |
| PHYTOPHTHORA FIELD TOL. |
| SUDDEN DEATH SYNDROME |
| IRON DEFICIENCY CHLOROSIS |
| SCLEROTINIA WHITE MOLD |
| BROWN STEM ROT |
| |

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.

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 and 36 Rps1c = Denotes resistance to Races 1-3, 6-11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 41, 42 and 44

Rps1k = Denotes resistance to Races 1-11, 13-15, 17, 18, 21-24, 26, 36, 37 and 42-44

Rps3a = Denotes resistance to Races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 28, 29, 31-35, 40 and 43-45

HRps = Denotes Heterozygous resistance (partial resistance) to the specific gene noted

| Precision | Placement '" | Management |
|-----------|--------------|------------|
| | | |

| Row Width | | Soils | |
|----------------------|----------|--|-------------------|
| Wide | Ν | Clay & Clay Loams | HR |
| 15-20" Drilled | HR HR | Sands & Sandy Loams Loams & Silt Loam Poorly Drained | R HR N R |
| Planting Populations | | IDC High pH | R N |
| Greater than 190K | R | g p | |
| 160-180K | HR | | |
| 130-150K | R | | |
| 100/120K | N | | |
| Tillage | | Yield Environment | |
| Conventional | HR | High | HR |
| Minimum | HR | Stable | HR |
| No-Till | HR | Stress Double Crop/Delayed | HR R |
| | | Double Glop/Delayeu | 1.7 |

Agronomic Traits

Following Soybeans

| Plant Height | Medium | Hilium Color | Imp Black |
|--------------|----------|----------------------|-----------|
| Canopy Type | Moderate | Oil Content | 19.0-20.0 |
| Flower Color | Purple | Protein Content | 33.0-34.0 |
| Pubescence | Gray | Metribuzin Rating | 7.0 |
| Pod Color | Brown | Chloride Sensitivity | n/a |
| | | | |

Disease Tolerance Ratings

| Cyst Nematode | R3,MR14 | PRR Resistance | Rps1k |
|---------------------|---------|------------------------|-------|
| SCN Resistance | PI88788 | PRR Field Tolerance | . 7 |
| Sclerotinia W. Mold | 7 | Frogeye Leaf Spot | n/a |
| Brown Stem Rot | 9 | Stem Canker | 9 |
| Sudden Death | 6 | Charcoal Rot | 5 |
| IDC | 6 | S Root Knot Nematode | n/a |
| IDC Recovery | Average | Cercospora Leaf Blight | n/a |
| | | | |

Plant with These Varieties

S19EN21 | S20EN84 | S20EN92 | S23ES32

Ratings Key: 9=Excellent, 5=Average, 1=Poor; HR=Highly Recommended, R=Recommended, N=Not Recommended, n/a Insufficient Data. Soybean Cyst Nematode: R=Resistant, MR=Moderately Resistant, S=Susceptible, # Denotes race number for resistance.

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