





4.5 RM **ENLIST**

No-Till

Management & Positioning

- Enlist E3® soybean introduction features excellent top end vield performance
- Rps1k gene with very good field tolerance for Phytophthora root rot
- Strong tolerance score for frogeye leaf spot and excluder for chloride salts
- · Medium plant height with very good lateral branching and nice eye appeal
- Consider Saltro® seed treatment for added protection for sudden death syndrome

Agronomic Ratings

| EMERGENCE |
|-------------------------|
| STANDABILITY |
| STRESS TOLERANCE |
| SHATTER RESISTANCE |
| PHYTOPHTHORA FIELD TOL. |
| SUDDEN DEATH SYNDROME |
| STEM CANKER |
| FROGEYE LEAF SPOT |
| S. ROOT KNOT NEMATODE |

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 Place | ement™ N | lanag | emen |
|-----------------|----------|-------|------|
|-----------------|----------|-------|------|

| Row Width | | Soils | |
|---|---------------------|--|------------------------|
| Wide Twin or 30 15-20" Drilled Planting Populations Greater than 190K 160-180K 130-150K 100/120K | R HR HR HR | Clay & Clay Loams Sands & Sandy Loams Loams & Silt Loam Poorly Drained IDC High pH | R R HR N N |
| Tillage | | Yield Environment | |
| Conventional Minimum | HR HR | High Stable | HR HR |

Agronomic Traits

Stress

Double Crop/Delayed Following Soybeans

HR

| 3 | | | | |
|--------------|----|----------------------|-----------|--|
| Plant Height | М | Hilium Color | BL | |
| Canopy Type | MB | Oil Content | 20.0-21.0 | |
| Flower Color | W | Protein Content | 34.0-35.0 | |
| Pubescence | LT | Metribuzin Rating | 7 | |
| Pod Color | BR | Chloride Sensitivity | EXC | |
| | | I | | |

Disease Tolerance Ratings

| Cyst Nematode | R3 | PRR Resistance | Rps1k |
|---------------------|---------|------------------------|-------|
| SCN Resistance | PI88788 | PRR Field Tolerance | 7 |
| Sclerotinia W. Mold | n/a | Frogeye Leaf Spot | 7 |
| Brown Stem Rot | n/a | Stem Canker | 9 |
| Sudden Death | 5 | Charcoal Rot | n/a |
| IDC | n/a | S Root Knot Nematode | 2 |
| IDC Recovery | n/a | Cercospora Leaf Blight | 6.0 |
| | | | |

Plant with These Varieties

S43EN61 | S45ES10 | S48EN73

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.

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