





3.8 RM **ENLIST** 

# **Management & Positioning**

- Enlist E3® soybean introduction featuring the proven parentage of Dyna-Gro's S2872N
- Very good tolerance scores for frogeye leaf spot and sudden death syndrome
- Medium-plus plant height with moderate lateral branching and strong standability scores
- Rps1k gene for Phytophthora root rot and resistance for stem canker
- Strong tolerance for stress with excellent yield stability across environments

# **Agronomic Ratings**

EMERGENCE				
STANDABILITY				
STRESS TOLERANCE				
SHATTER RESISTANCE				
PHYTOPHTHORA FIELD TOL.				
SUDDEN DEATH SYNDROME				
STEM CANKER				
FROGEYE LEAF SPOT				
S. ROOT KNOT NEMATODE				
) 1 2 3 4 5 6 7 8				

# 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 Twin or 30	N HR	Clay & Clay Loams Sands & Sandy Loams	HR R
15-20" Drilled	HR HR	Loams & Silt Loam Poorly Drained	HR R
Planting Populations		IDC High pH	R N
Greater than 190K	N	i ngn pri	11
160-180K	R		
130-150K	HR		
100/120K	R		
Tillage		Yield Environment	
Conventional	HR	High Stable	HR HR

Conventional Minimum No-Till	HR HR HR	High Stable Stress Double Crop/Delayed Following Soybeans	HR HR HR HR R

# **Agronomic Traits**

Plant Height	М	Hilium Color	BL
Canopy Type	M	Oil Content	19.0-20.0
Flower Color	W	Protein Content	33.0-34.0
Pubescence	LT	Metribuzin Rating	7
Pod Color	BR	Chloride Sensitivity	INC

# **Disease Tolerance Ratings**

Cyst Nematode	R3	PRR Resistance	Rps1k
SCN Resistance	PI88788	PRR Field Tolerance	8
Sclerotinia W. Mold	n/a	Frogeye Leaf Spot	7
Brown Stem Rot	3	Stem Canker	9
Sudden Death	7	Charcoal Rot	7
IDC	6	S Root Knot Nematode	2
IDC Recovery	n/a	Cercospora Leaf Blight	n/a

## **Plant with These Varieties**

S37ES52 | S39EN19 | S40EN54

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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