





**ENLIST** 0.7 RM

No-Till

# **Management & Positioning**

- Enlist E3® soybean introduction features the Peking source of resistance for cyst nematode
- Rps1c gene for Phytophthora root rot and good tolerance for Sclerotinia white mold
- Above average tolerance for iron deficiency chlorosis
- Medium plant height, moderate lateral branching and good standability

## **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

Row Width		Soils	
Wide	Ν	Clay & Clay Loams	R
15-20"	HR	Sands & Sandy Loams Loams & Silt Loam	R HR
Drilled	HR	Poorly Drained	R
Planting Populations		IDC High pH	R N
Greater than 190K	R	g p	.,
160-180K	HR		
130-150K	R		
100/120K	Ν		
Tillage		Yield Environment	
Conventional	HR	High	HR
Minimum	HR	Stable Stress	HR R
		011633	

HR

Agronomic Traits						
Plant Height	М	Hilium Color	IB			
Canopy Type	M	Oil Content	19.0-20.0			
Flower Color	Р	Protein Content	32.0-33.0			
Pubescence	G	Metribuzin Rating	7			
Pod Color	TN	Chloride Sensitivity	INC			

Double Crop/Delayed Following Soybeans

### **Disease Tolerance Ratings**

Cyst Nematode	R1,R3	PRR Resistance	Rps1c
SCN Resistance	Peking	PRR Field Tolerance	7
Sclerotinia W. Mold	6	Frogeye Leaf Spot	n/a
Brown Stem Rot	2	Stem Canker	9
Sudden Death	n/a	Charcoal Rot	6
IDC	7	S Root Knot Nematode	2
IDC Recovery	Average	Cercospora Leaf Blight	n/a

## **Plant with These Varieties**

S05EN82 | S09EN53

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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