





4.8 RM **XTFlex** 

## **Management & Positioning**

- XtendFlex® introduction features the proven genetic background of S52XT91
- Medium-tall plant height with very good lateral branching allows use in any row width
- Rps1c gene for Phytophthora root rot and very good tolerance for frogeye leaf spot
- Excellent choice for mixed to heavier soil types with ability to handle poorly drained soils
- Very well adapted across all environments, dryland or irrigated

#### **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**

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

#### Agronomic Traits

Following Soybeans

1.5 1.5					
Plant Height	M/T	Hilium Color	BL		
Canopy Type	MB	Oil Content	n/a		
Flower Color	Р	Protein Content	n/a		
Pubescence	LT	Metribuzin Rating	7		
Pod Color	BR	Chloride Sensitivity	INC		

# **Disease Tolerance Ratings**

Cyst Nematode	MR3	PRR Resistance	Rps1c
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	6	Charcoal Rot	7
IDC	7	S Root Knot Nematode	3
IDC Recovery	n/a	Cercospora Leaf Blight	n/a

#### **Plant with These Varieties**

S43XF85S | S46XF31S | S47XF23S | S49XF43S

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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