S49XT70

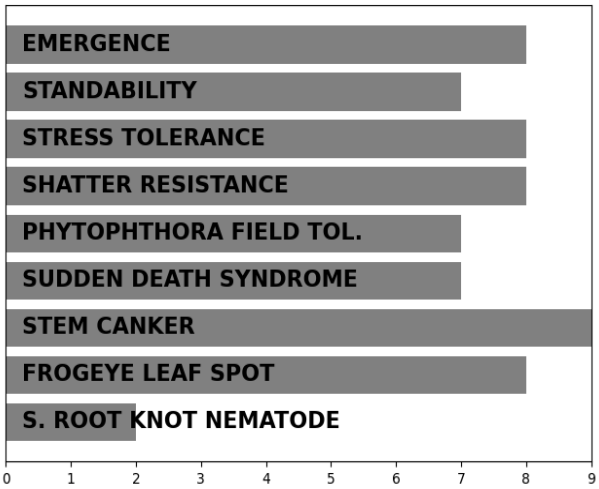
SOYBEANS

4.9 RM	RR2XT

Management & Positioning

- Roundup Ready 2 Xtend® release is ideal for heavier clay soils in the Delta region
- Features resistance for stem canker and is an excluder for chloride salts
- Strong tolerance scores for frogeye leaf spot and sudden death syndrome
- Medium-tall, light tawny-brown plant with great eye appeal and very good standability
- Rps1a gene with very good field tolerance for Phytophthora root rot

Agronomic Ratings



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	
Wide	R
15-20"	HR
Drilled	HR

Planting Populations	
Greater than 190K	N
160-180K	R
130-150K	HR
100/120K	R

Soils	
Clay & Clay Loams	HR
Sands & Sandy Loams	HR
Loams & Silt Loam	R
Poorly Drained	R
IDC	N
High pH	N

Tillage	
Conventional	HR
Minimum	HR
No-Till	HR

Yield Environment	
High	HR
Stable	HR
Stress	HR
Double Crop/Delayed	HR
Following Soybeans	R

Agronomic Traits

Plant Height	Med-Tall	Hilium Color	Black
Canopy Type	Moderate	Oil Content	18.0-19.0
Flower Color	White	Protein Content	36.0-37.0
Pubescence	Light Tawny	Metribuzin Rating	6.0
Pod Color	Brown	Chloride Sensitivity	Excluder

Disease Tolerance Ratings

Cyst Nematode	R3,MR14	PRR Resistance	Rps1a
SCN Resistance	PI88788	PRR Field Tolerance	7
Sclerotinia W. Mold	n/a	Frogeye Leaf Spot	8
Brown Stem Rot	n/a	Stem Canker	9
Sudden Death	7	Charcoal Rot	n/a
IDC	n/a	S Root Knot Nematode	2
IDC Recovery	n/a	Cercospora Leaf Blight	n/a

Plant with These Varieties

S46XS60 | S48XT56 | S48XT90 | S52XT91

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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