

S41XS98



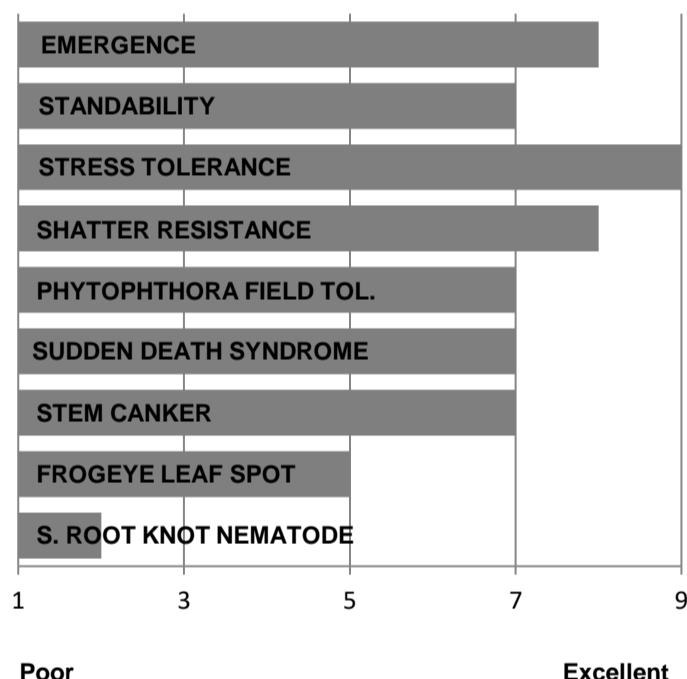
4.1 RM

Roundup Ready 2 Xtend® / STS®

Management & Positioning

- Roundup Ready 2 Xtend® and STS® trait platform with parentage of 39RY43
- Very good Sudden Death tolerance and moderate resistance for Stem Canker
- Medium-tall plant height, bushy canopy type and very good standability for height
- Broad adaptation east to west with excellent movement south into the Delta region
- Consider a planned fungicide program for control of Frogeye Leaf Spot

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 or resistance

Product Management

Row Width:

Wide 36-40".....	R
Twin or 30".....	HR
15-20".....	HR
Drilled.....	R

Planting Populations:

Greater than 190K...	N
160-180K.....	R
130-150K.....	HR
100-120K.....	R

Tillage:

Conventional.....	HR
Minimum.....	HR
No-Till.....	R

Soils:

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

Yield Environment:

High.....	HR
Stable.....	HR
Stress.....	HR
Double Crop/Delayed....	HR
Following Soybeans.....	R

Agronomic Traits

Plant Height.....	Med-Tall	Hilum Color.....	Imp Black
Canopy Type.....	Bushy	Oil Content.....	18.0-19.0
Flower Color.....	Purple	Protein Content.....	34.0-35.0
Pubescence.....	Gray	Metribuzin Rating.....	8
Pod Color.....	Tan	Chloride Sensitivity.....	Includer

Disease Tolerance Ratings

Cyst Nematode.....	R3,MR14	PRR Resistance Gene....	S
SCN Resist. Source.	PI88788	PRR Field Tolerance.....	7
Scler. White Mold....	n/a	Frogeye Leaf Spot.....	5
Brown Stem Rot.....	n/a	Stem Canker.....	7
Sudden Death.....	7	Charcoal Rot.....	7
Iron Def. Chlorosis...	n/a	S. Root Knot Nematode..	2
IDC Recovery.....	n/a	Cercospora Leaf Blight...	n/a

Plant with These Varieties:

S43XS70 S45XS37 S46XS60

Soybean Cyst Nematode:

R = Resistant MR = Moderately Resistant S = Susceptible # Denotes race number for 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 & 36
- Rps1c = Denotes resistance to Races 1-3, 6-11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 41, 42 & 44.
- Rps1k = Denotes resistance to Races 1-11, 13-15, 17, 18, 21-24, 26, 36, 37 & 42-44
- Rps3a = Denotes resistance to Races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 28, 29, 31-35, 40 & 43-45
- HRps = Denotes Heterozygous resistance (partial resistance) to the specific gene noted

Ratings Key: 9 = Excellent, 5 = Average, 1 = Poor, HR = Highly Recommended, R = Recommended, N = Not Recommended, n/a = Insufficient Data

Actual ratings based on best current information available and may be affected by changing environmental and management conditions

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Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® technology contain genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate, glufosinate & dicamba will kill crops that are not tolerant to glyphosate, glufosinate or dicamba. Roundup Ready 2 Xtend®, Roundup Ready 2 Yield® and XtendFlex® are registered trademarks of Bayer Group. LibertyLink® & Water Droplet Design® are trademarks of BASF Corporation. © 2021 Bayer Group. All rights reserved. For complete stewardship & trait legal statements, please refer to the 2022 Dyna-Gro® Product Guide.