

S45XS66



4.5 RM

Roundup Ready 2 Xtend® / STS®

Management & Positioning

- Roundup Ready 2 Xtend® and STS® line excels on heavier clay soils in the Delta
- Resistance for Stem Canker with very good Frogeye Leaf Spot tolerance
- Medium-tall plant height with a wide bushy canopy and average standability
- Avoid more productive loam soil types and fields where lodging is a concern
- Excellent choice for use under double-crop plantings

Product Management

Row Width:

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

Soils:

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

Planting Populations:

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

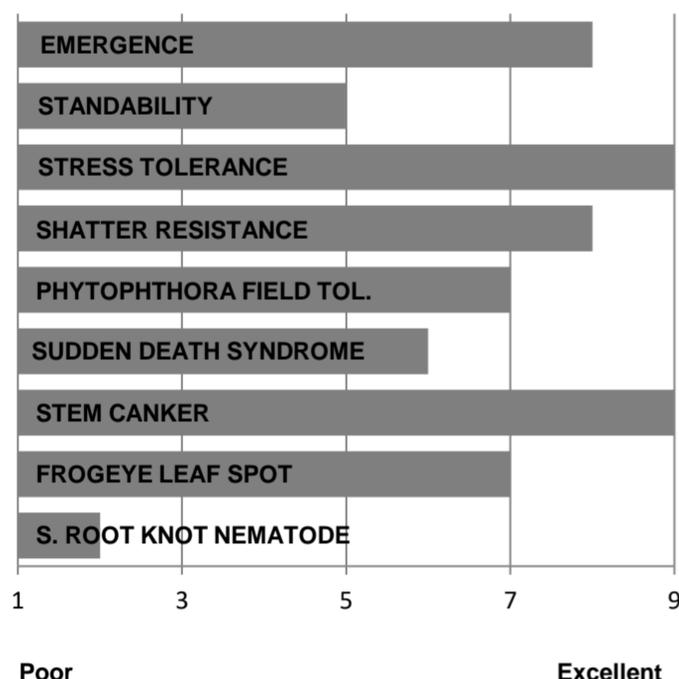
Yield Environment:

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

Tillage:

- Conventional HR
- Minimum HR
- No-Till HR

Agronomic Ratings



Agronomic Traits

- Plant Height **Med-Tall**
- Canopy Type **Bushy**
- Flower Color **Purple**
- Pubescence **Light Tawny**
- Pod Color **Brown**
- Hilum Color **Black**
- Oil Content **19.0-20.0**
- Protein Content **34.0-35.0**
- Metribuzin Rating **6**
- Chloride Sensitivity **Includer**

Disease Tolerance Ratings

- Cyst Nematode **MR3,MR14**
- SCN Resist. Source. **PI88788**
- Scler. White Mold **n/a**
- Brown Stem Rot **n/a**
- Sudden Death **6**
- Iron Def. Chlorosis... **n/a**
- IDC Recovery **n/a**
- PRR Resistance Gene... **HRps1c**
- PRR Field Tolerance **7**
- Frogeye Leaf Spot **7**
- Stem Canker **9**
- Charcoal Rot **6**
- S. Root Knot Nematode.. **2**
- Cercospora Leaf Blight... **7**

Plant with These Varieties:

S46XS60 S48XT90 S49XT70

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

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



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.