



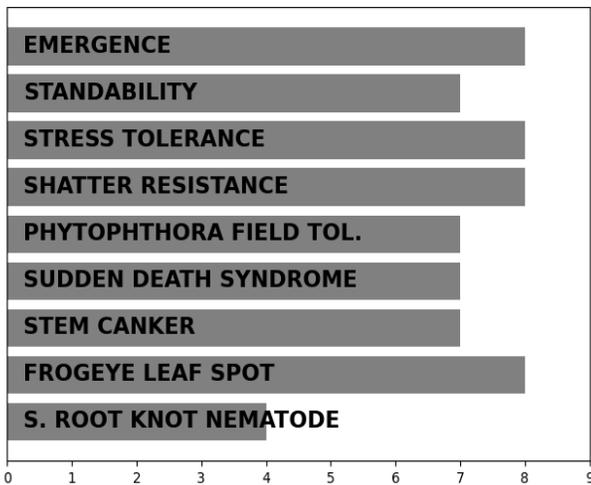
4.3 RM

XTFlex/STS

Management & Positioning

- XtendFlex® introduction that excels across high yield environments
- Strong frogeye leaf spot tolerance and very good field tolerance for Phytophthora root rot
- Medium-tall plant height with moderate lateral branching and good standability
- Very good tolerance for sudden death syndrome
- Broad adaptation for the lower Midwest with ability to move south into the Delta region

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

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.

Precision Placement™ Management

| Row Width | | Soils | |
|-----------------------------|----|---------------------|----|
| Wide | R | Clay & Clay Loams | HR |
| Twin or 30 | HR | Sands & Sandy Loams | R |
| 15-20" | HR | Loams & Silt Loam | HR |
| Drilled | R | Poorly Drained | N |
| Planting Populations | | IDC | N |
| Greater than 190K | N | High pH | N |
| 160-180K | R | | |
| 130-150K | HR | | |
| 100/120K | R | | |

| Tillage | | Yield Environment | |
|--------------|----|---------------------|----|
| Conventional | HR | High | HR |
| Minimum | HR | Stable | HR |
| No-Till | HR | Stress | HR |
| | | Double Crop/Delayed | HR |
| | | Following Soybeans | N |

Agronomic Traits

| | | | |
|--------------|-----|----------------------|-----|
| Plant Height | M/T | Hilium Color | BL |
| Canopy Type | M | Oil Content | n/a |
| Flower Color | W | Protein Content | n/a |
| Pubescence | LT | Metribuzin Rating | 6 |
| Pod Color | BR | Chloride Sensitivity | INC |

Disease Tolerance Ratings

| | | | |
|---------------------|----------|------------------------|-----|
| Cyst Nematode | MR3,MR14 | PRR Resistance | S |
| SCN Resistance | PI88788 | PRR Field Tolerance | 7 |
| Sclerotinia W. Mold | n/a | Frogeye Leaf Spot | 8 |
| Brown Stem Rot | n/a | Stem Canker | 7 |
| Sudden Death | 7 | Charcoal Rot | 6 |
| IDC | 5 | S Root Knot Nematode | 4 |
| IDC Recovery | n/a | Cercospora Leaf Blight | n/a |

Plant with These Varieties

S41XF65 | S46XF31S | S47XF23S