### 3.6 RM

## Management \& Positioning

- Conventional release at mid-group III maturity features the STS® herbicide trait
- Very good tolerance for Phytophthora root rot and sudden death syndrome
- Medium plant height with bushy canopy type and excellent standability scores
- Resistance for stem canker with average frogeye leaf spot tolerance
- Outstanding yield potential when positioned on mixed to better soil types

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

## $\mathrm{S}=$ 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 ${ }^{\mathrm{TM}}$ Management

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


| Agronomic Traits |  |  |  |
| :--- | ---: | :--- | ---: | ---: |
| Plant Height | Medium | Hilium Color | Black |
| Canopy Type | Bushy | Oil Content | $18.0-19.0$ |
| Flower Color | Purple | Protein Content | $35.0-36.0$ |
| Pubescence | Light Tawny | Metribuzin Rating | 7.0 |
| Pod Color | Brown | Chloride Sensitivity | Includer |
|  |  |  |  |
| Disease Tolerance Ratings |  |  |  |
| Cyst Nematode | R3 | PRR Resistance |  |
| SCN Resistance | PI88788 | PRR Field Tolerance | S |
| Sclerotinia W. Mold | n/a | Frogeye Leaf Spot | 7 |
| Brown Stem Rot | 5 | Stem Canker | 6 |
| Sudden Death | 7 | Charcoal Rot | 9 |
| IDC | 6 | S Root Knot Nematode | n/a |
| IDC Recovery | n/a | Cercospora Leaf Blight | $\mathrm{n} / \mathrm{a}$ |
|  |  |  |  |

## Plant with These Varieties

## S3305N | S3961STS

Ratings Key: 9=Excellent, 5=Average, 1=Poor; HR=Highly Recommended, R=Recommended, $\mathbf{N}=$ Not Recommended, $\mathbf{n} / \mathbf{a}$ Insufficient Data.
Soybean Cyst Nematode: R=Resistant, MR=Moderately Resistant, $\mathbf{S}=$ Susceptible, \# Denotes race number for resistance.
**Actual ratings based on best current information available and may be affected by changing environmental and management conditions.**

