2.4 RM

## Management \& Positioning

- Mid-group II conventional release has broad adaptability east to west
- Resistance for cyst nematode and strong tolerance for iron deficiency chlorosis
- Medium plant height, moderately-bushy canopy type and very good standability
- Good tolerance scores for Phytophthora root rot and Sclerotinia white mold
- Favors better loam soil types with good southern movement for maturity

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 ${ }^{\mathrm{TM}}$ Management

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


| Agronomic Traits |  |  |  |
| :--- | ---: | :--- | ---: |
| Plant Height | Medium | Hilium Color | Black |
| Canopy Type | Mod-Bush | Oil Content | 18.0-19.0 |
| Flower Color | Purple | Protein Content | $34.0-35.0$ |
| Pubescence | Light Tawny | Metribuzin Rating | n/a |
| Pod Color | Brown | Chloride Sensitivity | n/a |
|  |  |  |  |
|  |  |  |  |


| Disease Tolerance Ratings |  |  |  |
| :--- | ---: | :--- | ---: |
| Cyst Nematode | MR3 | PRR Resistance | S |
| SCN Resistance | Pl88788 | PRR Field Tolerance | 7 |
| Sclerotinia W. Mold | 6 | Frogeye Leaf Spot | $\mathrm{n} / \mathrm{a}$ |
| Brown Stem Rot | 5 | Stem Canker | $\mathrm{n} / \mathrm{a}$ |
| Sudden Death | 6 | Charcoal Rot | $\mathrm{n} / \mathrm{a}$ |
| IDC | 8 | S Root Knot Nematode | $\mathrm{n} / \mathrm{a}$ |
| IDC Recovery | Average | Cercospora Leaf Blight | $\mathrm{n} / \mathrm{a}$ |
|  |  |  |  |

## Plant with These Varieties

