

# S14EN22





1.4 RM **ENLIST** 

### **Management & Positioning**

- Enlist E3® soybean release features improved standability and Sclerotinia white mold tolerance
- Resistance for brown stem rot and very good field tolerance for Phytophthora root rot
- Very good sudden death syndrome tolerance and resistance for cyst nematode
- Attractive light tawny-tan plant that is medium-tall in height with good lateral branching
- Avoid placement in fields with high pH levels or history for iron deficiency chlorosis

## **Agronomic Ratings**

| EMERGENCE                 |
|---------------------------|
| STANDABILITY              |
| STRESS TOLERANCE          |
| SHATTER RESISTANCE        |
| PHYTOPHTHORA FIELD TOL.   |
| SUDDEN DEATH SYNDROME     |
| IRON DEFICIENCY CHLOROSIS |
| SCLEROTINIA WHITE MOLD    |
| BROWN STEM ROT            |
|                           |

## **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™ Management |
|---------------------------------|
|---------------------------------|

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

## **Agronomic Traits**

Following Soybeans

| the second secon |             |                      |           |  |  |
|--|-------------|----------------------|-----------|--|--|
| Plant Height   | Med-Tall    | Hilium Color         | Black     |  |  |
| Canopy Type  | Moderate    | Oil Content          | 19.0-20.0 |  |  |
| Flower Color   | Purple      | Protein Content      | 34.0-35.0 |  |  |
| Pubescence   | Light Tawny | Metribuzin Rating    | 5.0       |  |  |
| Pod Color  | Tan         | Chloride Sensitivity | Includer  |  |  |

#### Disease Tolerance Ratings

| Cyst Nematode       | R3,MR14 | PRR Resistance         | S   |
|---------------------|---------|------------------------|-----|
| SCN Resistance      | PI88788 | PRR Field Tolerance    | 7   |
| Sclerotinia W. Mold | 6       | Frogeye Leaf Spot      | n/a |
| Brown Stem Rot      | 9       | Stem Canker            | 9   |
| Sudden Death        | 7       | Charcoal Rot           | 6   |
| IDC                 | 6       | S Root Knot Nematode   | n/a |
| IDC Recovery        | Average | Cercospora Leaf Blight | n/a |
|                     |         |                        |     |

### **Plant with These Varieties**

S11EN40 | S12EN72 | S16EN42

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.\*\*