





| <h1>4255</h1> <p>92 Day RM</p>  | Trait Options   | Area of Adaptation                |                  |   |                          | PRO-FIT Placement                            |                    |       |       |
|---|---|-----------------------------------|------------------|---|--------------------------|--|--------------------|-------|-------|
|   | <b>SmartStaxRIB</b><br><b>VT2PRIB</b><br><b>RR</b><br><b>Conventional</b> | Western                           | HR               | Moves South well for<br>early season hybrid | HR                       | Consistent performance with solid agronomics |                    |       |       |
|   |   | <small>West of Mts. River</small> | HR               |   | HR                       |  |                    |       |       |
|   |   | Central (I-35 to I-65)            | HR               | Moves North well for<br>full season hybrid  | HR                       | Very good early season vigor                 |                    |       |       |
| <small>East of Mts. River</small>   |   | HR                                | HR               |   |                          |  |                    |       |       |
| General Characteristics   |   | Agronomic Features                |                  |   |                          | Disease Tolerance                            |                    |       |       |
| GDD's Pollination   | 1240  | Emergence                         | Excellent        |   | Gray Leaf Spot           | Good   |                    |       |       |
| GDD's Black Layer   | 2310  | Seedling Vigor                    | Very Good        |   | Northern Leaf Blight     | Very Good                                    |                    |       |       |
| Pollination for Maturity  | Avg   | Stalk Strength                    | Very Good        |   | Southern Leaf Blight     | Very Good                                    |                    |       |       |
| Plant Height  | Med-Tall  | Root Strength                     | Very Good        |   | Common Rust              | Good   |                    |       |       |
| Leaf Type   | Semi-Upright  | Green Snap                        | Good             |   | Southern Rust            | NA   |                    |       |       |
| Ear Height  | Medium  | Stay Green                        | Good             |   | Eye Spot                 | NA   |                    |       |       |
| Ear Type  | Semi-Flex   | Drydown                           | Good             |   | Goss's Wilt              | Good   |                    |       |       |
| Kernel Rows   | 16-18   | Drought Tolerance                 | Very Good        |   | Anthracnose Stalk Rot    | Good   |                    |       |       |
| Cob Color   | Pink  | Delayed Harvest                   | Good             |   | Diplodia Ear Rot         | NA   |                    |       |       |
| Test Weight   | Very Good   | Response to Fungicide             | Yes              |   | Physoderma Node Breakage | NA   |                    |       |       |
| Husk Coverage   | Good  | Corn after Corn                   | Very Good        |   | Tar Spot                 | NA   |                    |       |       |
| Cover Crop Companion  | Good  | Silage Use                        | Very Good        |   |                          |  |                    |       |       |
| Soil Placement  |   | Nitrogen Application              |                  |   |                          | Recommended Seeding Rates                    |                    |       |       |
| Light Soils: Low O.M., Low CEC,<br>Low water holding capacity.                              | R   | Rotation - Timing                 | 100%<br>Preplant | Pre/<br>Sidedress                           | Starter/<br>Sidedress    | Row Width                                    | Productivity Level |       |       |
| Medium Soils: O.M. 1.5-3.5%, CEC 11-20,<br>Good productivity, well drained silt loams.      | HR  | Corn/Soybean                      | R                | HR  | HR                       | 30" Rows                                     | 29-31              | 31-33 | 33-35 |
| Heavy Soils: High O.M. >3.5%, CEC >20,<br>Well drained highly productive with deep top soil | HR  | Corn/Corn                         | R                | HR  | HR                       | Twin Rows                                    | 30-32              | 32-34 | 34-36 |
| Poorly Drained Soils: Soils that tend to remain saturated for<br>extended periods of time.  | R   | Corn/Cover                        | R                | HR  | HR                       | 20" Rows                                     | 31-33              | 33-35 | 35-37 |
|   |   |                                   |                  |   |                          | <20" rows                                    | 31-33              | 33-35 | 35-37 |

Population ranges are listed in 1,000 seeds/acre

NR=Not Recommended. R=Recommended. HR=Highly Recommended

Notes:

