

| <h1>8147</h1> <h2>111 Day RM</h2> | Trait Options | Area of Adaptation | | | PRO-FIT Placement | | | |
|-----------------------------------|---------------------------------------|--------------------------------|-----------|---|--|---|--|--|
| | SmartStaxRIB VT2PRIB | Western West of Miss. River | R | Moves South well for early season hybrid | HR | High-yielding hybrid with wide area of adaptation | | |
| | | Central (I-35 to I-65) | HR | | HR | Produces semi-flex ears with deep kernels | | |
| | | Eastern East of Miss. River | HR | Moves North well for full season hybrid | HR | Excellent emergence and early season vigor | | |
| | | | | | Avoid fields with history of Goss's Wilt | | | |

| General Characteristics | | Agronomic Features | | Disease Tolerance | |
|--------------------------|--------------|-----------------------|-----------|--------------------------|-----------|
| GDD's Pollination | 1350 | Emergence | Very Good | Gray Leaf Spot | Good |
| GDD's Black Layer | 2780 | Seedling Vigor | Very Good | Northern Leaf Blight | Very Good |
| Pollination for Maturity | Ave | Stalk Strength | Very Good | Southern Leaf Blight | Very Good |
| Plant Height | Medium | Root Strength | Very Good | Common Rust | Good |
| Leaf Type | Semi-Upright | Green Snap | Very Good | Southern Rust | NA |
| Ear Height | Medium | Stay Green | Good | Eye Spot | NA |
| Ear Type | Semi-Flex | Drydown | Good | Goss's Wilt | Fair |
| Kernel Rows | 16-18 | Drought Tolerance | Good | Anthracnose Stalk Rot | Good |
| Cob Color | Red | 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 | Good | Tar Spot | NA |
| Cover Crop Companion | Very Good | Silage Use | Very Good | | |

| Soil Placement | | Nitrogen Application | | | | Recommended Seeding Rates | | | |
|--|-------------|----------------------|---------------|---------------|-------------------|---------------------------|--------------------|--------|-------|
| Soil Description | Soil Rating | Rotation - Timing | 100% Preplant | Pre/Sidedress | Starter/Sidedress | Row Width | Productivity Level | | |
| | | | | | | | Low | Medium | High |
| Light Soils: Low O.M., Low CEC, Low water holding capacity. | HR | Corn/Soybean | R | HR | HR | 30" Rows | 29-31 | 31-33 | 33-35 |
| Medium Soils: O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams. | HR | | | | | Twin Rows | 30-32 | 33-35 | 35-37 |
| Heavy Soils: High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil | HR | Corn/Corn | NR | HR | HR | 20" Rows | 31-33 | 33-35 | 35-37 |
| Poorly Drained Soils: Soils that tend to remain saturated for extended periods of time. | R | Corn/Cover | NR | HR | HR | <20" rows | 31-33 | 33-35 | 35-37 |

Population ranges are listed in 1000 seeds/acre

NR=Not Recommended, R=Recommended, HR=Highly Recommended

Notes:

