

# 5493 FAMILY

AV5493AM brand



## 93 DAYS

- Very good drought tolerance for your moderate to less productive soil types
- Significant stalk strength with good staygreen promotes late season intactness
- Above average Goss's Wilt and Northern Leaf Blight resistance
- Acceptable top end yield potential makes this a broadly adapted hybrid

**MARKET SEGMENTS:**

HES, HTF

### AGRONOMICS

|                        |   |
|------------------------|---|
| STRESS EMERGENCE       | 5 |
| ROOT STRENGTH          | 4 |
| STALK STRENGTH         | 2 |
| BRITTLE SNAP TOLERANCE | 3 |
| DROUGHT TOLERANCE      | 2 |
| STAYGREEN              | 3 |
| TEST WEIGHT            | 4 |
| GRAIN DRYDOWN          | 2 |

### DISEASE TOLERANCE

|                       |     |
|-----------------------|-----|
| GRAY LEAF SPOT        | 6   |
| NORTHERN LEAF BLIGHT  | 3   |
| TAR SPOT              | N/A |
| GOSS'S WILT           | 3   |
| ANTHRACNOSE STALK ROT | N/A |
| DIPLODIA EAR ROT      | N/A |
| GIBBERELLA EAR ROT    | 4   |
| FUSARIUM EAR ROT      | 6   |

### PLANT & EAR CHARACTERISTICS

|                      |             |
|----------------------|-------------|
| PLANT HEIGHT         | Medium Tall |
| EAR HEIGHT           | Medium      |
| EAR FLEX             | Medium      |
| KERNEL ROWS          | 14-16       |
| HUSK COVER           | Medium      |
| FLOWERING MATURITY   | Medium Late |
| BLACK LAYER MATURITY | Late        |
| GDU TO SILK          | 1200        |
| GDU TO BLACK LAYER   | 2320        |

### MANAGEMENT RECOMMENDATIONS

|                         |                 |
|-------------------------|-----------------|
| HIGHLY PRODUCTIVE SOILS | 4               |
| LESS PRODUCTIVE SOILS   | 2               |
| CORN AFTER CORN         | 5               |
| NO TILL / LIMITED TILL  | 5               |
| DELAYED HARVEST         | 3               |
| SILAGE USE              | 2               |
| OPTIMUM POPULATION      | 26,000 - 32,000 |

**Tar Spot Rating:** Ratings denoted with double numerals (ex: 11 or 22) reflect preliminary data subject to change when additional data becomes available.

**IMPORTANT:** Characteristic scores provide key information useful in selecting and managing products in your area. Information and ratings are based on comparisons with other products sold by AgVenture, Inc.. Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible. Scores represent an average of performance data across areas of adaptation, multiple growing conditions, and a wide range of both climate and soil types, and may not predict future results. Individual product responses are variable and subject to a variety of environmental, disease and pest pressures. Please use this information as only one component of your product positioning decision.

**PCE – Powercore® Enlist® Refuge Advanced®** corn products with HX1, VTP, ENL, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with PowerCore Enlist Refuge Advanced products.

**PCUE – Powercore® Ultra Enlist® Refuge Advanced®** corn products with AVBL, HX1, VTP, ENL, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with PowerCore Ultra Enlist Refuge Advanced products.

**Q – Qrome®** products contain a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the Bt trait, and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Qrome products

**AM – Optimum® AcreMax®** Insect Protection system with YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax products.

**AML – Optimum® AcreMax® Leptra®** products with AVBL, YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax Leptra products.

**AMXT – Optimum® AcreMax® XTreme** contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, a Bt trait, and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax and Optimum AcreMax XTreme products.

**YGCB, HX1, LL, RR2 (Optimum® Intrasect®)** - Contains a Bt trait and Herculex® I gene for resistance to corn borer.

**V – Vorceed® Enlist®** products with V, LL, RR2, ENL. Contains a single-bag integrated refuge solution with multiple modes of action for above- and below-ground insects. The major component contains the Herculex® XTRA genes, the RW3 trait and the VTP trait. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted for Vorceed Enlist products.

Components of LumiGEN® seed treatments are applied at a Corteva Agriscience production facility, or by an independent sales representative of Corteva Agriscience or its affiliates. Not all sales representatives offer treatment services, and costs and other charges may vary. See your sales representative for details. Seed applied technologies exclusive to Corteva Agriscience and its affiliates.

Following burndown, Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use with Enlist® crops. Consult Enlist® herbicide labels for weed species controlled. Enlist Duo and Enlist One herbicides

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Always follow IRM, grain marketing and all other stewardship practices and pesticide label directions. B.t. products may not yet be registered in all states. Check with your seed representative for the registration status in your state. Always read and follow label directions.

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