

AV4509AM™

109 DAYS

- Consistent yield performance with solid agronomic characteristics
- Very good root strength and brittle snap tolerance
- Above average staygreen enhances late season plant appearance
- Good Northern Leaf Blight and very good Goss's Wilt tolerance

CHARACTERISTICS

| | |
|----------------------|-------------|
| PLANT HEIGHT | MEDIUM |
| EAR HEIGHT | MEDIUM |
| EAR FLEX | MEDIUM |
| HUSK COVER | MEDIUM FULL |
| FLOWERING MATURITY | MEDIUM |
| BLACK LAYER MATURITY | MEDIUM |
| GDU TO SILK | 1360 |
| GDU TO BLACK LAYER | 2600 |

AGRONOMICS

| | |
|-------------------|-----------|
| STRESS EMERGENCE | AVERAGE |
| ROOT STRENGTH | VERY GOOD |
| STALK STRENGTH | GOOD |
| BRITTLE TOLERANCE | VERY GOOD |
| DROUGHT TOLERANCE | VERY GOOD |
| STAYGREEN | GOOD |
| TEST WEIGHT | VERY GOOD |
| GRAIN DRYDOWN | FAIR |

DISEASE TOLERANCE

| | |
|-----------------------|--------------|
| GRAY LEAF SPOT | AVERAGE |
| NORTHERN LEAF BLIGHT | GOOD |
| GOSS'S WILT | VERY GOOD |
| ANTHRACNOSE STALK ROT | FAIR |
| DIPLODIA EAR ROT | AVERAGE |
| GIBBERELLA EAR ROT | DATA PENDING |
| FUSARIUM EAR ROT | FAIR |

MANAGEMENT RECOMMENDATIONS

| | |
|--------------------|---------------|
| HIGH INPUT | VERY GOOD |
| LOW INPUT | VERY GOOD |
| CORN ON CORN | GOOD |
| NO TILL/LIMITED | GOOD |
| DELAYED HARVEST | VERY GOOD |
| SILAGE USE | VERY GOOD |
| OPTIMUM POPULATION | 30,000-35,000 |

NOTES:



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.

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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.

Qrome® products are approved for cultivation in the U.S. and Canada. They have also received approval in a number of importing countries, most recently China. For additional information about the status of regulatory authorizations, visit <http://www.biotradestatus.com/>

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate.

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 XTreme products.

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

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.

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Corteva Agriscience policies regarding stewardship of those products. In line with these guidelines, our product launch process for responsible launches of new products includes a longstanding process to evaluate export market information, value chain consultations, and regulatory functionality. Growers and end-users must take all steps within their control to follow appropriate stewardship requirements and confirm their buyer's acceptance of the grain or other material being purchased. For more detailed information on the status of a trait or stack, please visit www.biotradestatus.com.

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