

# 5107 FAMILY

AV5107AM™



## 107 DAYS

- Outstanding top end yield potential for this maturity zone.
- Dependable stress emergence for early season stand establishment
- Medium short plant type with good root strength for prairie soil types
- Hard to beat in intensively managed high yield environments

**MARKET SEGMENTS: HAE, HTF**

## AGRONOMICS

<b>STRESS EMERGENCE</b>	Very Good
<b>ROOT STRENGTH</b>	Good
<b>STALK STRENGTH</b>	Competitive
<b>BRITTLE SNAP TOLERANCE</b>	Manage
<b>DROUGHT TOLERANCE</b>	Good
<b>STAYGREEN</b>	Competitive
<b>TEST WEIGHT</b>	Good
<b>GRAIN DRYDOWN</b>	Competitive

## DISEASE TOLERANCE

<b>GRAY LEAF SPOT</b>	Moderate Resistance
<b>NORTHERN LEAF BLIGHT</b>	Moderate Resistance
<b>TAR SPOT</b>	Moderate Resistance
<b>GOSS'S WILT</b>	Good Resistance
<b>ANTHRACNOSE STALK ROT</b>	Moderate Resistance
<b>DIPLODIA EAR ROT</b>	Moderate Resistance
<b>GIBBERELLA EAR ROT</b>	N/A
<b>FUSARIUM EAR ROT</b>	Moderate Resistance

## PLANT & EAR CHARACTERISTICS

<b>PLANT HEIGHT</b>	<b>EAR HEIGHT</b>	<b>EAR FLEX</b>	<b>KERNEL ROWS</b>	<b>HUSK COVER</b>
Medium Short	Medium	High	14-16	Medium Full
<b>FLOWERING MATURITY</b>	<b>BLACK LAYER MATURITY</b>	<b>GDU TO SILK</b>	<b>GDU TO BLACK LAYER</b>	
Medium	Medium	1340	2600	

## MANAGEMENT RECOMMENDATIONS

<b>HIGHLY PRODUCTIVE SOILS</b>	<b>LESS PRODUCTIVE SOILS</b>	<b>CORN AFTER CORN</b>	
Highly Recommended	Recommended	Recommended	
<b>NO TILL / LIMITED TILL</b>	<b>DELAYED HARVEST</b>	<b>SILAGE USE</b>	<b>OPTIMUM POPULATION</b>
Highly Recommended	Recommended	Recommended	28,000-34,000

**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.

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