

AV5799R™

99 DAYS

- Optimum® AQUAmax® hybrid with excellent yield potential
- Leader hybrid for the 100 RM market
- Very good roots with a medium plant stature
- Dual purpose silage and grain product

High Available Energy (HAE)

High Total Fermentable (HTF)



CHARACTERISTICS

PLANT HEIGHT	MEDIUM
EAR HEIGHT	MEDIUM
EAR FLEX	MEDIUM
HUSK COVER	MEDIUM
FLOWERING MATURITY	LATE
BLACK LAYER MATURITY	MEDIUM LATE
GDU TO SILK	1280
GDU TO BLACK LAYER	2470

AGRONOMICS

STRESS EMERGENCE	COMPETITIVE
ROOT STRENGTH	VERY GOOD
STALK STRENGTH	COMPETITIVE
BRITTLE TOLERANCE	COMPETITIVE
DROUGHT TOLERANCE	EXCELLENT
STAYGREEN	COMPETITIVE
TEST WEIGHT	GOOD
GRAIN DRYDOWN	GOOD

DISEASE TOLERANCE

GRAY LEAF SPOT	GOOD
NORTHERN LEAF BLIGHT	GOOD
GOSS'S WILT	GOOD
ANTHRACNOSE STALK ROT	DATA PENDING
DIPLODIA EAR ROT	DATA PENDING
GIBBERELLA EAR ROT	COMPETITIVE
FUSARIUM EAR ROT	COMPETITIVE

MANAGEMENT RECOMMENDATIONS

HIGH INPUT	NOT RECOMMENDED
LOW INPUT	NOT RECOMMENDED
CORN ON CORN	RECOMMENDED
NO TILL/LIMITED	RECOMMENDED
DELAYED HARVEST	NOT RECOMMENDED
SILAGE USE	NOT RECOMMENDED
OPTIMUM POPULATION	30,000-36,000

NOTES:



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CHARACTERISTICS

PLANT HEIGHT	MEDIUM
EAR HEIGHT	MEDIUM
EAR FLEX	MEDIUM
COB COLOR	Pink
HUSK COVER	MEDIUM
FLOWERING MATURITY	LATE
BLACK LAYER MATURITY	MEDIUM LATE
GDU TO SILK	1280
GDU TO BLACK LAYER	2470

AGRONOMICS

STRESS EMERGENCE	COMPETITIVE
DROUGHT TOLERANCE	EXCELLENT
GREEN SNAP TOLERANCE	
STALK STRENGTH	COMPETITIVE
ROOT STRENGTH	VERY GOOD
STAYGREEN	COMPETITIVE
GRAIN DRYDOWN	GOOD

SILAGE CHARACTERISTICS

FORAGE YIELD	
FORAGE QUALITY	
SILAGE TONNAGE PER ACRE	
SILAGE MILK PER TON	
SILAGE STARCH CONTENT	
FIBER DIGESTIBILITY	Excellent
WHOLE PLANT DIGESTIBILITY	

MANAGEMENT RECOMMENDATIONS

HIGH INPUT	RIGHTLY RECOMMENDED
LOW INPUT	RIGHTLY RECOMMENDED
PEAK HARVEST PERIOD	
NO TILL/LIMITED	RECOMMENDED
OVERALL SILAGE POTENTIAL	
SILAGE DRYLAND POP	
SILAGE IRRIGATED POP	

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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Agrisure® and Agrisure Viptera® are registered trademarks of, and used under license from, a Syngenta Group Company. Agrisure® technology incorporated into these seeds is commercialized under a license from Syngenta Crop Protection AG.

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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