

7844 FAMILY

7844™, R7844™, RL7844AM™



110 DAYS

- Optimum® AQUAmax® hybrid provides excellent drought tolerance
- Adapted to both high yield and high stress conditions
- Very good greensnap resistance and good Goss's Wilt resistance
- Good performance when planted north of maturity zone

MARKET SEGMENTS: HAE, HTF, YFC, AQ



AGRONOMICS

STRESS EMERGENCE	Good
ROOT STRENGTH	Good
STALK STRENGTH	Good
BRITTLE SNAP TOLERANCE	Very Good
DROUGHT TOLERANCE	Excellent
STAYGREEN	Competitive
TEST WEIGHT	Good
GRAIN DRYDOWN	Good

DISEASE TOLERANCE

GRAY LEAF SPOT	Moderate Resistance
NORTHERN LEAF BLIGHT	Moderate Resistance
TAR SPOT	Data Pending
GOSS'S WILT	Good Resistance
ANTHRACNOSE STALK ROT	Moderate Resistance
DIPLODIA EAR ROT	Good Resistance
GIBBERELLA EAR ROT	Moderate Resistance
FUSARIUM EAR ROT	Good Resistance

PLANT & EAR CHARACTERISTICS

PLANT HEIGHT	EAR HEIGHT	EAR FLEX	KERNEL ROWS	HUSK COVER
Medium Short	Medium Low	Medium	14-18	Medium
FLOWERING MATURITY	BLACK LAYER MATURITY	GDU TO SILK	GDU TO BLACK LAYER	
Medium Early	Medium Early	1330	2600	

MANAGEMENT RECOMMENDATIONS

HIGHLY PRODUCTIVE SOILS	LESS PRODUCTIVE SOILS	CORN AFTER CORN	
Recommended	Highly Recommended	Management Recommended	
NO TILL / LIMITED TILL	DELAYED HARVEST	SILAGE USE	OPTIMUM POPULATION
Recommended	Management Recommended	Not Recommended	32,000-36,000

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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