

# AV7810AM™\*

## 110 DAYS

- 110 RM hybrid option for Nebraska, Missouri, and Kansas
- Place under irrigation or good soils for best performance
- Very good agronomics and brittle snap tolerance
- Very good grain quality

### High Total Fermentable (HTF)

#### CHARACTERISTICS

PLANT HEIGHT	MEDIUM
EAR HEIGHT	MEDIUM
KERNEL ROWS	16-20
GIRTH	HIGH
FLEX	MEDIUM
HUSK COVER	MEDIUM SHORT
FLOWERING MATURITY	MEDIUM
BLACK LAYER MATURITY	MEDIUM

#### AGRONOMICS

STRESS EMERGENCE	EXCELLENT
ROOT STRENGTH	EXCELLENT
STALK STRENGTH	EXCELLENT
BRITTLE TOLERANCE	EXCELLENT
DROUGHT TOLERANCE	GOOD
HEAT TOLERANCE	DATA PENDING
STAYGREEN	EXCELLENT
TEST WEIGHT	EXCELLENT
GRAIN DRYDOWN	AVERAGE

#### DISEASE TOLERANCE

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

#### MANAGEMENT RECOMMENDATIONS

HIGH INPUT	EXCELLENT
LOW INPUT	GOOD
CORN ON CORN	EXCELLENT
NO TILL/LIMITED	EXCELLENT
DELAYED HARVEST	EXCELLENT
SILAGE USE	GOOD
OPTIMUM POPULATION	28,000-34,000

#### NOTES:

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**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.. Information and scores are assigned by AgVenture, Inc. and are based on period-of-years testing through 2016 harvest and were the latest available at time of printing. Some scores may change after 2017 harvest. 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.

**R** - Roundup Ready® Corn 2

**HB** - Herculex® I Insect Protection / LibertyLink® / Roundup Ready® Corn 2

**HBW** - Herculex® XTRA Insect Protection / LibertyLink® / Roundup Ready® Corn 2

**HBAW, RW, HX1/LL, RR2** - Optimum® TRIsect® contains the Herculex® I gene for above-ground pests and the Agrisure® RW trait for resistance to corn rootworm.

**YHB, YGCB, HX1/LL, RR2** - Optimum® Intrasect® contains the YieldGard® Corn Borer gene and Herculex® I gene for resistance to corn borer.

**YGCB, HXX/LL, RR2** - Optimum® Intrasect® Xtra contains the YieldGard® Corn Borer gene and the Herculex XTRA genes for resistance to corn borer and corn rootworm.

**VYHR, AVBL, YGCB, HX1/LL, RR2** - Optimum® Leptra® contains the Agrisure Viptera® trait, the YieldGard Corn Borer gene, the Herculex® I gene, the LibertyLink® gene, and the Roundup Ready® Corn 2 trait.

**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.

**AMT** - Optimum® AcreMax® TRIsect® Insect Protection System with RW, YGCB, HX1/LL, RR2. Contains a single-bag refuge solution for above and below ground insects. The major component contains the Agrisure® RW trait, the YieldGard® Corn Borer gene, and the Herculex® I genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax TRIsect products.

**AMX** - Optimum® AcreMax® Xtra Insect Protection system with YGCB, HXX, LL, RR2. Contains a single-bag integrated refuge solution for above- and below-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax Xtra 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, the YieldGard® Corn Borer gene, 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.

**Q (Qrome™)** - The major component contains the Agrisure® RW trait, the YieldGard® Corn Borer gene, and the Herculex® XTRA genes. Contains a single-bag integrated refuge solution for above- and below-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Qrome products. Qrome products are approved for cultivation in the U.S. and Canada and have also received import approval in a number of importing countries. DuPont Pioneer continues to pursue additional import approvals for Qrome products, including in China, in accordance with Excellence Through Stewardship Product Launch Guidance.

**G** - Agrisure® GT/CB/LL trait stack - Glyphosate Tolerance / Corn Borer / LibertyLink®

**ABW** - Agrisure® 3000GT trait stack + Glyphosate Tolerance / Corn Borer / Rootworm / LibertyLink®

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Product performance in water-limited environments is variable and depends on many factors such as the severity and timing of moisture deficiency, heat stress, soil type, management practices and environmental stress as well as disease and pest pressures. All hybrids may exhibit reduced yield under water and heat stress. Individual results may vary.



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