

AV7307YHB™ * 107 DAYS

- 107 RM hybrid with very good yield potential and agronomics
- Moderate plant stature with high test weight grain
- Excellent roots and brittle snap tolerance
- Best performance at average to below average plant populations

High Extractable Starch (HES)

High Total Fermentable (HTF)




| CHARACTERISTICS | |
|----------------------|--------------|
| PLANT HEIGHT | MEDIUM |
| EAR HEIGHT | MEDIUM |
| KERNEL ROWS | 16-18 |
| GIRTH | MEDIUM |
| FLEX | HIGH |
| HUSK COVER | MEDIUM SHORT |
| FLOWERING MATURITY | MEDIUM |
| BLACK LAYER MATURITY | MEDIUM |

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

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

| MANAGEMENT RECOMMENDATIONS | |
|----------------------------|---------------|
| HIGH INPUT | EXCELLENT |
| LOW INPUT | VERY GOOD |
| CORN ON CORN | GOOD |
| NO TILL/LIMITED | VERY GOOD |
| DELAYED HARVEST | GOOD |
| SILAGE USE | EXCELLENT |
| OPTIMUM POPULATION | 28,000-32,000 |

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.

IN EPA-DESIGNATED COTTON GROWING COUNTIES, A 20% SEPARATE CORN BORER REFUGE MUST BE PLANTED WITH OPTIMUM ACREMAX XTRA, OPTIMUM ACREMAX TRISECT, OPTIMUM ACREMAX XTREME AND OPTIMUM ACREMAX PRODUCTS.

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

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.

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.

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.

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.

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.

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.

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. 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.biotechstatus.com/>

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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Always read and 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.

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.

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Optimum® AQUAmax® 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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