109 RM 107-111



1960AM™ øptimum[,]





Balanced hybrid with solid performance for the central and eastern Corn Belt.

- Best suited for variable soils, with ability to move into high yield environments.
- · Good southern movement for a 109-RM product.
- Good drought tolerance for stress-prone environments.
- Suitable option for silage.
- · A fungicide is recommended in areas with gray leaf spot.





YIELD ENVIRONMENTS

- Highly Productive
- Moderate
- 箘 Low

SOIL ADAPTABILITY

- Poorly Drained Soils
- Sandy Soils
- Clay Soils

AGRONOMICS

Stress Emergence



PLANTING

- Early Planting
- Oelayed Harvest



CROP ROTATION

Continuous Corn Corn / Soybean

POPULATION

Very Low				Very High
(Consult a Mycogen Seeds representative for specific recommendations on planting populations.)				

FUNGICIDE RESPONSE

CHARACTERISTICS

Low	High

- Stalks
- Roots
- 🕏 Green Snap
- Stay Green
- Orought Tolerance
- MA High pH Soil Tolerance
- Yest Weight
- Husk Cover



DISEASE TOLERANCE

Gray Leaf Spot

- NCLB
- Goss's Wilt
- ✓ *SCLB
- *S. Corn Rust
- Anthracnose Stalk Rot
- M Fusarium Ear Rot
- \checkmark Diplodia Ear Rot
- (NA) Giberella Ear Rot

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 Mycogen Seeds.

Information and scores are assigned by Mycogen Seeds and are based on period-of-years testing through 2018 harvest and were the latest available at time of printing. Some scores may change after 2019 harvest. Scores represent an average of performance data across areas of adaptation, multiple growing conditions, and a wide arrange 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.



GDUs to Mid-Silk..... 1340 GDUs to Black Layer..... 2530 Plant Height..... Tall Ear Height......High Ear Flex..... Semi-Flex

Cob Color.....Red

HERBICIDE TOLERANCES



KEY

- Highly Suitable Key Strength
- Suitable Meets Standards
- Manage Appropriately
- X Strong Caution Limitation
- (NA) Rating Not Available





Mycogen® Brand Corn Products Legal and Trademarking Statements



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Optimum® AcreMax® (AM) insect protection

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 corr borer refuge must be planted with Optimum AcreMax products.

Optimum® AcreMax® Xtra (AMX) insect protection

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.

Optimum® AcreMax® Xtreme (AMXT) insect protection

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.

Optimum® AcreMax® Leptra® insect protection

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 countries, a 20% separate corn borer refuge must be planted with Optimum AcreMax Leptra 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.biotradestatus.com.

*In cotton growing regions, a separate 20 percent structured refuge is still required for Refuge Advanced.

Herculex® Insect Protection technology by Dow AgroSciences and Pioneer Hi-Bred. PowerCore and SmartStax® multi-event technologies developed by Dow AgroSciences and Monsanto. ®[™]PowerCore, Roundup Ready, Roundup Ready Logo, SmartStax, SmartStax Logo, YieldGard and the YieldGard Corn Borer Design are registered trademarks of Monsanto Technology LLC. Agrisure® and Agrisure Viptera® are 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. Liberty®, LibertyLink® and the Water Droplet Design are trademarks of Bayer. **Always follow IRM, grain marketing and all other stewardship practices and pesticide label directions. Roundup Ready**® crops contain genes that confer tolerance to glyphosate herbicides. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. B.t. products may not yet be registered in all states. Check with your local seed representative for registration status in your state. Enlist Duo and Enlist One [™] herbicides are the only 2,4-D products authorized for use in Enlist crops. Always read and follow label directions. Visit Enlist.com/EnlistAhead for best management practices or more information. [®]2019 CORTEVA CM45137-023 (05/19)

