# Corn Grain: **P0953AM**



**Highly Suitable** 

#### CRM:109

Silk CRM: 110 GDUs to Silk: 1370 Positioning For:

### **MANAGEMENT COMMENTS**

- · High yield introductory product with solid agronomics for top-end acres.
- Very high yield potential.
- Good roots and late season health.
- Good mid-season brittle snap tolerance.
- Good grain quality.
- Average drought tolerance.

#### MARKET SEGMENTS

HTF: High Total Fermentables (Dry-Grind Ethanol) HES: High Extractable Starch

### **KEY ENVIRONMENTS**

High Yield Environment

## 

SUITABILITY	
Corn After Corn	Highly Suitable
High Residue	Suitable
Late Harvest	Suitable

SUITABILITY RATINGS

## SOILS

SOLES	
Drought Prone Soils	Suitable
Early Planting/Cold Soils	Suitable
Poorly Drained Soils	Suitable

CHARACTERISTIC SCORES		
Drought Tol.	6	
Mid-Season Brittle Stalk	6	
Plant Ht.	5	
Ear Ht.	5	
Root Strength	7	
Stalk Strength	6	
Test Wt.	7	
Staygreen	7	
Stress Emergence	5	

DISEASE SCORES		
Goss`s Wilt	6	
Gray Leaf Spot	5	
No. Leaf Blight	5	

TRAIT SCORE RATINGS: 9 = Excellent; 1 = Poor; Blank = Insufficient Data.

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TECHNOLOGY SEGMENT: AM1 - Optimum® AcreMax® 1 Insect protection system with an integrated corn rootworm refuge solution includes HXX, LL, RR2. Optimum AcreMax 1 products contain the LibertyLink® gene and can be sprayed with Liberty® herbicide. The required corn borer refuge can be planted up to half a mile away. 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 singlebag 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 belowground insects. The major component contains the Agrisure® RW trait, the YieldGard® Corn Borer gene, and the Herculex® XTRA genes. In EPAdesignated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax XTreme products. Q (Qrome®) -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 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.biotradestatus.com/. 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. 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. 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. 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. HX1 - Contains the Herculex® I insect protection gene which provides protection against European corn borer, southwestern corn borer, black cutworm, fall armyworm, lesser corn stalk borer, southern corn stalk borer, and sugarcane borer; and suppresses corn earworm. HXRW - The Herculex® RW rootworm protection trait contains proteins that provide enhanced resistance against western corn rootworm, northern corn rootworm and Mexican corn rootworm. HXX -Herculex® XTRA contains the Herculex I and Herculex RW genes. YGCB - The YieldGard® Corn Borer gene offers a high level of resistance to European corn borer, southwestern corn borer and southern cornstalk borer; moderate resistance to corn earworm and common stalk borer; and above average resistance to fall armyworm. LL - Contains the LibertyLink® gene for resistance to Liberty® herbicide. RR2 - Contains the Roundup Ready® Corn 2 trait that provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions. Herculex® insect protection technology by Dow AgroSciences and Pioneer Hi-Bred. ® Trademark of Dow AgroSciences, DuPont or Pioneer, and their affiliated companies or their respective owners. YieldGard®, the YieldGard Corn Borer Design and Roundup Ready® are registered trademarks used under license from Monsanto Company. Liberty®, LibertyLink® and the Water Droplet Design are registered trademarks of BASF. 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.