



SCS851AM™ brand

RELATIVE MATURITY: 85 Days

KEY FEATURES:

- Medium Plant and Ear Height
- Strong Stalk Strength
- Great Drought Tolerance
- Leading Northern Leaf Blight Tolerance
- Dual Purpose Hybrid for Grain or Silage Use

AVAILABLE TRAITS

SCS851Q Q/LL/RR2

Agronomics		Disease		Crop Management	
GDU Silk	1090	Anthracoese Stalk Rot		Seeding Rate	
GDU Maturity	2040	Diplodia Ear Rot		Nitrogen Application	
Emergence / Vigor	4	Fusarium Ear Rot		Corn After Corn	6
Stalk Strength	6	Giberella Ear Rot		Less Productive Soils	HR
Root Strength	5	Goss's Wilt	7	Moderately Productive Soils	HR
Drought Tolernace	7	Gray Leaf Spot		Highly Productive Soils	HR
Plant Height	M	Northern Leaf Blight	7	Fungicide Response	L
Ear Height	M-H	Rust		Silage	
Staygreen	5	Southern Leaf Blight			
Late Season Intactness		Ear and Grain		Silage Yield	8
Suggested Use		Test Weight	6	Silage Quality	8
Grain	HR	Ear Flex		Fiber Digestibility	7
Silage	HR	Husk Cover		Starch	9
High Moisture	HR	Drydown	5	Crude Protein	7
				IVTD	



AGRONOMIC RATINGS KEY:

9 – Best
1 – Worst
S – Short
M – Medium

T – Tall
H - High
-- Not Rated

EAR TYPE:

Flex – Flex Ear
Det – Determinant
Semi – Semi-Flex

SOIL TYPE:

X – Recommended
Blank – Not Recommended

NITROGEN CLASSIFICATION:

Category 1 Hybrids - flower early for maturity, flourish in a weed and feed program; derive less benefit from side dress applications of N; do relatively well at moderate N rates.

Category 3 Hybrids - flower somewhat later; longer grain fill; take up N over a longer period; and derive the most benefit from side dress applications of N as well as higher N rates

Category 2 Hybrids - are somewhere in between

IMPORTANT: Trait rating 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 SCI. Information and scores are assigned by SCI and are based on period-of-years testing through 2020 harvest and were the latest available at time of printing. Some scores may change after 2021 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.



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Herculex® Insect Protection technology by Dow AgroSciences and Pioneer.

Liberty®, LibertyLink® and the **Water Droplet Design** are trademarks of BASF. Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, postemergent weed control of Liberty® herbicide for optimum yield and excellent weed control.

Roundup Ready®, YieldGard® and the YieldGard® Corn Borer design are registered trademarks used under license from Monsanto Company.

AM - Optimum® AcreMax® Insect Protection system with YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects.

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.

In EPA-designated cotton growing countries, a 20% separate corn borer refuge must be planted with Optimum AcreMax, Optimum AcreMax Xtra and Optimum AcreMax XTreme products.

YGCB, HX1, LL, RR2 (Optimum® Intrasect®) - Contains a Bt trait and Herculex® I gene for resistance to corn borer.

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.

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/>

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