

503


NuTech
Seed®

Recommended

Better

Best Fit

103 RM

5F-503AM™ * BRAND



503 products have a shorter plant and earline supported by strong stalks and roots. It works best in the Illinois market offering excellent drought tolerance. Very good grain quality and test weight makes this a great choice. Fungicide applications are recommended if GLS is a concern.

- Dominant performance
- Very strong disease package
- Strong stalks and roots
- Medium-short plant stature
- Semi-determinate ear
- Excellent grain quality

CHARACTERISTICS, POSITIONING AND MANAGEMENT

2370	1280	Semi-Determinate	P
GDUs to Black Layer	GDUs to Silk	Ear Type	Cob Color
16-18	MH-H	32-36	R
Kernel Rows	Population Range	Recommended Population	Early Planting Date
HR	NR	R	R
Late Planting Date	Corn-on-Corn	No-Till	Timber Soil
HR	R	R	R
Poorly Drained Soil	Sandy Soil	Delayed Harvest	Response to Fungicide


 Herbicide
Tolerance

RATINGS:

9 = Best
1 = Worst
NA = Not Available
HR = Highly Recommended
R = Recommended
NR = Not Recommended

PLANT AND EAR HEIGHT:

9 = Very tall plant type
1 = Very short plant type
9 = Very high ear placement
1 = Very low ear placement

COB COLOR: R = Red, P = Pink, W = White



HIGH-YIELD



CORN-ON-CORN



HEAT/DROUGHT-STRESSED



POORLY DRAINED

EAR TYPE: F = Flex, SF = Semi-Flex, SD = Semi-Determinate, D = Determinate

AGRONOMICS

PLANT HEIGHT		4
EAR HEIGHT		4
EAR FLEX		6
DRYDOWN		6
TEST WEIGHT		7
STALK LODGING		7
ROOT LODGING		8
GREEN SNAP		3
STAYGREEN		5
DROUGHT TOLERANCE		7
STRESS EMERGENCE		4
GRAY LEAF SPOT		4
NORTHERN CORN LEAF BLIGHT		5
GOSS'S WILT		6
DIPLODIA EAR ROT		
SOUTHERN RUST		
SOUTHERN CORN LEAF BLIGHT		
STARCH		
CRUDE PROTEIN		7
FIBER DIGESTIBILITY		
WHOLE PLANT DIGESTIBILITY		5

Consult with a NuTtech Seed® representative for planting outside of AOA recommendation. NuTtech AOA maps provide a guide for corn product placement based upon a recommended area, an area of better fit and an area defined as best fit for optimized performance potential. These recommendations are based on multi-year research testing, disease ratings and overall agronomic fit.

NuTtech Seed warrants that seed sold by it conforms to the label description on the seed packaging within tolerances established or permitted by law. This warranty excludes and is in lieu of all other warranties, expressed or implied, including any warranty of merchantability or fitness for a particular purpose, which are hereby disclaimed.

Characteristic scores provide key information useful in selecting and managing products in your area. Information and scores are assigned by NuTtech Seed 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 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.

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yield genetics with the powerful, non-selective, post-emergent weed control of Liberty® herbicide for optimum yield and excellent weed control. Liberty is not registered for use in all states. Always follow grain marketing stewardship practices and pesticide label directions. 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. 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. 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. Gromex® 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/>. SmartStax® and PowerCore® multi-event technologies developed by Dow AgroSciences and Monsanto. G2® brand seed is distributed by NuTtech Seed, LLC. Herculex® I Insect Protection technology by Dow AgroSciences and Pioneer Hi-Bred. Agrisure® technology incorporated into these seeds is commercialized under a license from Syngenta Crop Protection AG. Components of LumiGEN™ technologies for soybeans are applied at a Corteva Agriscience production facility, or by an independent sales representative of Corteva or its affiliates. Not all sales representatives offer treatment services, and costs and other charges may vary. Please contact your Corteva sales professional for information and suggestions specific to your operation. Product performance is variable and depends on many factors such as moisture and heat stress, soil type, management practices and environmental stress as well as disease and pest pressures. Individual results may vary. State registrations for Lumiflex™, Lumiante™, L-2012 R, L-2013P and L-2030 R are pending. One or more of these products may not be registered for sale or use in all states. Contact your local DuPont retailer or representative for details and availability in your state.



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. **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. **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. **YGCB,HX1,LL,RR2** (Optimum® Intrasect®) - Contains the YieldGard® Corn Borer gene and Herculex® I gene for resistance to corn borer. **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. **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. **RW,YGCB,HXX,LL,RR2** (Optimum® Intrasect® XTreme) - Contains the Agrisure® RW trait, the YieldGard Corn Borer gene and the Herculex® XTRA genes for resistance to corn borer and corn rootworm. Optimum Intrasect XTreme will be the major component of Optimum AcreMax XTreme. **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.

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