



Recommended

Better

Best Fit

113 RM | 5TB-113AML™\* BRAND

Optimum

Leptra

LIBERTY  
LINKAgrisureViptera<sup>3220</sup>

Very good drought tolerance, coupled with top-end yield performance make this an excellent choice. 113 hybrids exhibit excellent agronomics and foliar disease protection, especially Gosss and GLS. Its a workhorse type product that will fit in continuous corn. The flex type ear allows moderate populations.

- Defensive, consistent product
- Very good drought tolerance
- Good top end yield potential
- Very good stress tolerance
- Semi-flex ear, high TW
- Handles continuous corn

## CHARACTERISTICS, POSITIONING AND MANAGEMENT

2730	1360	Semi-Flex	P
GDUs to Black Layer	GDUs to Silk	Ear Type	Cob Color
14-16	M-MH	30-36	R
Kernel Rows	Population Range	Recommended Population	Early Planting Date
R	R	R	R
Late Planting Date	Corn-on-Corn	No-Till	Timber Soil
HR	R	R	NR
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	7
EAR HEIGHT	5
EAR FLEX	6
DRYDOWN	7
TEST WEIGHT	7
STALK LODGING	5
ROOT LODGING	8
GREEN SNAP	7
STAYGREEN	7
DROUGHT TOLERANCE	8
STRESS EMERGENCE	6
GRAY LEAF SPOT	6
NORTHERN CORN LEAF BLIGHT	5
GOSS'S WILT	6
DIPLODIA EAR ROT	
SOUTHERN RUST	
SOUTHERN CORN LEAF BLIGHT	
STARCH	
CRUDE PROTEIN	
FIBER DIGESTIBILITY	
WHOLE PLANT DIGESTIBILITY	4

Consult with a NuTech Seed® representative for planting outside of AOA recommendation. NuTech 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.

NuTech 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 NuTech 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 NuTech 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 EPAdesignated 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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