AGVENTURE

agventure.com

AV4291V10™

91 DAYS

- Agrisure Artesian® technology with excellent yield performance
- Widely adapted across northern markets
- Dependable stalk and root strength
- Tall stature for dual purpose grain or silage use

TFS TOTAL FORAGE SYSTEM

Agrisure Artesian

CHARACTERISTICS

PLANT HEIGHT	MEDIUM TALL
EAR HEIGHT	MEDIUM HIGH
KERNEL ROWS	16-18
GIRTH	MEDIUM
FLEX	MEDIUM
HUSK COVER	MEDIUM
FLOWERING MATURITY	MEDIUM LATE
BLACK LAYER MATURITY	MEDIUM LATE

AGRONOMICS

STRESS EMERGENCE	VERY GOOD
ROOT STRENGTH	VERY GOOD
STALK STRENGTH	VERY GOOD
BRITTLE TOLERANCE	GOOD
DROUGHT TOLERANCE	EXCELLENT
HEAT TOLERANCE	DATA PENDING
STAYGREEN	GOOD
TEST WEIGHT	GOOD
GRAIN DRYDOWN	GOOD

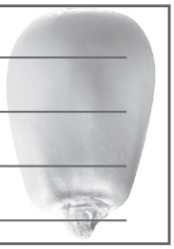
DISEASE TOLERANCE

GRAY LEAF SPOT	GOOD
NORTHERN LEAF BLIGHT	VERY GOOD
GOSS'S WILT	VERY GOOD
ANTHRACNOSE STALK ROT	DATA PENDING
DIPLODIA EAR ROT	DATA PENDING
GIBBERELLA EAR ROT	DATA PENDING
FUSARIUM EAR ROT	DATA PENDING

MANAGEMENT RECOMMENDATIONS

HIGH INPUT	VERY GOOD
LOW INPUT	VERY GOOD
CORN ON CORN	VERY GOOD
NO TILL/LIMITED	VERY GOOD
DELAYED HARVEST	VERY GOOD
SILAGE USE	VERY GOOD
OPTIMUM POPULATION	28,000-36,000

NOTES:



VPMAXX AGVENTURE agventure.com

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Dual Purpose

TFS TOTAL FORAGE SYSTEM

CHARACTERISTICS

PLANT HEIGHT	MEDIUM TALL
EAR HEIGHT	MEDIUM HIGH
FLEX	MEDIUM
GIRTH	MEDIUM
KERNEL ROWS	16-18
COB COLOR	Pink
HUSK COVER	MEDIUM
FLOWERING MATURITY	MEDIUM LATE
BLACK LAYER MATURITY	MEDIUM LATE

AGRONOMICS

STRESS EMERGENCE	VERY GOOD
DROUGHT TOLERANCE	EXCELLENT
HEAT TOLERANCE	DATA PENDING
GREEN SNAP TOLERANCE	
STALK STRENGTH	VERY GOOD
ROOT STRENGTH	VERY GOOD
STAYGREEN	GOOD
GRAIN DRYDOWN	GOOD

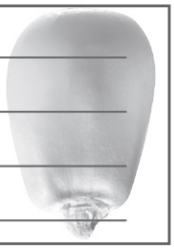
SILAGE CHARACTERISTICS

FORAGE YIELD	Very Good
FORAGE QUALITY	Data Pending
SILAGE TONNAGE PER ACRE	Very Good
SILAGE MILK PER TON	Good
SILAGE STARCH CONTENT	Data Pending
FIBER DIGESTIBILITY	
WHOLE PLANT DIGESTIBILITY	Data Pending

MANAGEMENT RECOMMENDATIONS

HIGH INPUT	VERY GOOD
LOW INPUT	VERY GOOD
PEAK HARVEST PERIOD	
NO TILL/LIMITED	VERY GOOD
OVERALL SILAGE POTENTIAL	Very Good
SILAGE DRYLAND POP	
SILAGE IRRIGATED POP	

NOTES:



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 AgVenture, Inc.. 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. 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.

IN EPA-DESIGNATED COTTON GROWING COUNTIES, A 20% SEPARATE CORN BORER REFUGE MUST BE PLANTED WITH OPTIMUM ACREMAX XTRA, OPTIMUM ACREMAX TRISECT, OPTIMUM ACREMAX XTREME AND OPTIMUM ACREMAX PRODUCTS.

R - Roundup Ready® Corn 2

HB - Herculex® I Insect Protection / Liberty Link® / Roundup Ready® Corn 2

HBW - Herculex® XTRA Insect Protection / Liberty Link® / Roundup Ready® Corn 2

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.

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.

AVBL, YGCB, HX1, LL, RR2 - Optimum® Leptra® contains the Agrisure Viptera® trait, the YieldGard Corn Borer gene, the Herculex® I gene, the Liberty Link® gene and the Roundup Ready® Corn 2 trait.

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

AMT - Optimum® AcreMax® TRIsect® Insect Protection System with RW, YGCB, HX1/LL, RR2. Contains a single-bag 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.

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.

Q (Qrome™) - The major component contains the Agrisure® RW trait, the YieldGard® Corn Borer gene, and the Herculex® XTRA genes.
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 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/

G - Agrisure® GT/CB/LL trait stack - Glyphosate Tolerance / Corn Borer / Liberty Link®

ABW - Agrisure® 3000GT trait stack + Glyphosate Tolerance / Corn Borer / Rootworm / Liberty Link®
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Always read and follow IRM, grain marketing and all other stewardship practices and pesticide label directions

B.t. products may not yet be registered in all states. Check with your seed representative for the registration status in your state.

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.

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Optimum® AQUAmax® 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.

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