# 4414 FAMILY

AV4414V brand

AGVENTURE

## 114 DAYS

- Exceptional ear flex and top end yield potential for the irrigated acre
- Above average late season staygreen, Goss's wilt tolerance and NLB tolerance
- Acceptable root and stalk strength and brittle snap tolerance
- Avoid areas where drought is typical, and water is limited

**MARKET SEGMENTS:**

TFS

TOTAL FORAGE SYSTEM

| AGRONOMICS | |
|---|---|
| STRESS EMERGENCE | 4 |
| ROOT STRENGTH | 4 |
| STALK STRENGTH | 4 |
| BRITTLE SNAP TOLERANCE | 4 |
| DROUGHT TOLERANCE | 3 |
| STAYGREEN | 3 |
| TEST WEIGHT | 4 |
| GRAIN DRYDOWN | 5 |

| DISEASE TOLERANCE | |
|---|---|
| GRAY LEAF SPOT | 5 |
| NORTHERN LEAF BLIGHT | 3 |
| TAR SPOT | 44 |
| GOSS'S WILT | 3 |
| ANTHRACNOSE STALK ROT | 5 |
| DIPLODIA EAR ROT | 4 |
| GIBBERELLA EAR ROT | N/A |
| FUSARIUM EAR ROT | 5 |

| PLANT & EAR CHARACTERISTICS | |
|---|---|
| PLANT HEIGHT | Medium Tall |
| EAR HEIGHT | Medium High |
| EAR FLEX | High |
| KERNEL ROWS | 16-18 |
| HUSK COVER | Medium Full |
| FLOWERING MATURITY | Medium |
| BLACK LAYER MATURITY | Early |
| GDU TO SILK | 1400 |
| GDU TO BLACK LAYER | 2630 |

| MANAGEMENT RECOMMENDATIONS | |
|---|---|
| HIGHLY PRODUCTIVE SOILS | 1 |
| LESS PRODUCTIVE SOILS | 4 |
| CORN AFTER CORN | 5 |
| NO TILL / LIMITED TILL | 3 |
| DELAYED HARVEST | 6 |
| SILAGE USE | 1 |
| OPTIMUM POPULATION | 30,000 - 34,000 |

RATINGS: 1 - 7; 1 = EXCELLENT

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- Acceptable root and stalk strength and brittle snap tolerance
- Avoid areas where drought is typical, and water is limited

**DUAL PURPOSE:**

TFS TOTAL FORAGE SYSTEM

| AGRONOMICS | |
|---|---|
| STRESS EMERGENCE | 4 |
| ROOT STRENGTH | 4 |
| STALK STRENGTH | 4 |
| BRITTLE SNAP TOLERANCE | 4 |
| DROUGHT TOLERANCE | 3 |
| STAYGREEN | 3 |
| GRAIN DRYDOWN | 5 |

| SILAGE CHARACTERISTICS | |
|---|---|
| SILAGE YIELD | 1 |
| STARCH AND SUGAR, % | 3 |
| FIBER DIGESTIBILITY | 3 |
| MILK PER TON | 3 |
| MILK PER ACRE | 2 |
| BEEF PER TON | 3 |
| BEEF PER ACRE | 2 |

| PLANT & EAR CHARACTERISTICS | |
|---|---|
| PLANT HEIGHT | Medium Tall |
| EAR HEIGHT | Medium High |
| EAR FLEX | High |
| KERNEL ROWS | 16-18 |
| HUSK COVER | Medium Full |
| COB COLOR | Red |
| FLOWERING MATURITY | Medium |
| BLACK LAYER MATURITY | Early |
| GDU TO SILK | 1400 |
| GDU TO BLACK LAYER | 2630 |

| MANAGEMENT RECOMMENDATIONS | |
|---|---|
| HIGHLY PRODUCTIVE SOILS | 1 |
| LESS PRODUCTIVE SOILS | 4 |
| CORN AFTER CORN | 5 |
| NO TILL / LIMITED TILL | 3 |
| LATE SILAGE HARVEST | 5 |
| OPTIMUM POPULATION | 30,000 - 34,000 |

RATINGS: 1 - 7; 1 = EXCELLENT

AgVenture.com/corn

**Tar Spot Rating**: Ratings denoted with double numerals (ex: 11 or 22) reflect preliminary data subject to change when additional data becomes available.

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 ev aluate data from multiple locations and y ears 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 env ironmental, disease and pest pressures. Please use this information as only one component of your product positioning decision.

PCE – Powercore® Enlist® Refuge Advanced® corn products with HX1, VTP, ENL, 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 PowerCore Enlist Refuge Advanced products.

PCUE - Powercore® Ultra Enlist® Refuge Advanced® corn products with AVBL, HX1, VTP, ENL, 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 PowerCore Ultra Enlist Refuge Advanced products.

Q - Qrome® products contain a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the Bt trait, and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Qrome products

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.

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 countries, a 20% separate corn borer refuge must be planted with Optimum AcreMax Leptra products.

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, a Bt trait, and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax and Optimum AcreMax XTreme products.

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

V – Vorceed® Enlist® products with V, LL, RR2, ENL. Contains a single-bag integrated refuge solution with multiple modes of action for above- and below-ground insects. The major component contains the Herculex® XTRA genes, the RW3 trait and the VTP trait. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted for Vorceed Enlist products.

Components of LumiGEN® seed treatments are applied at a Corteva Agriscience production facility, or by an independent sales representative of Corteva Agriscience or its affiliates. Not all sales representatives offer treatment services, and costs and other charges may vary. See your sales representative for details. Seed applied technologies exclusive to Corteva Agriscience and its affiliates.

Following burndown, Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use with Enlist® crops. Consult Enlist® herbicide labels for weed species controlled. Enlist Duo and Enlist One herbicides are not registered for use or sale in all states and counties; are not registered in AK, CA, CT, HI, ID, MA, ME, MT, NH, NV, OR, RI, UT, VT, WA and WY; and have additional subcounty restrictions in AL, GA, TN and TX, while existing county restrictions still remain in FL. All users must check "Bulletins Live! Two" no earlier than six months before using Enlist One or Enlist Duo. To obtain "Bulletins," consult epa.gov/espp/, call 1-844-447-3813, or email ESPP@epa.gov. You must use the "Bulletin" valid for the month and state and county in which Enlist One or Enlist Duo are being applied. Contact your state pesticide regulatory agency if you have questions about the registration status of Enlist® herbicides in your area. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO USE ANY PESTICIDE PRODUCT OTHER THAN IN ACCORDANCE WITH ITS LABELING. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USE IN THE STATE OF APPLICATION. USE OF PESTICIDE PRODUCTS, INCLUDING, WITHOUT LIMITATION, 2,4-D-CONTAINING PRODUCTS NOT AUTHORIZED FOR USE WITH ENLIST CROPS, MAY RESULT IN OFF-TARGET DAMAGE TO SENSITIVE CROPS/AREAS AND/OR SUSCEPTIBLE PLANTS, IN ADDITION TO CIVIL AND/OR CRIMINAL PENALTIES. Additional product-specific stewardship requirements for Enlist crops, including the Enlist Product Use Guide, can be found at www.traitstewardship.com. Enlist Duo® and Enlist One® herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.

POWERCORE® is a registered trademark of Bayer Group. POWERCORE® multi-event technology developed by Corteva Agriscience and Bayer Group. B.t. products may not yet be registered in all states. Check with your seed representative for the registration status in your state.

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Liberty®, LibertyLink® and the Water Droplet Design are registered trademarks of BASF.

®Roundup and Roundup Ready are registered trademarks of Bayer Group. Always 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. ALWAYS READ AND FOLLOW 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.

Always 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. Always read and follow label directions.

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