

# 5189 FAMILY

AV5189PCE™ brand



## 89 DAYS

- Good combination of agronomics and yield potential across soil types
- Beneficial stress emergence for planting into cool soils
- Above average roots, stalks, and staygreen for nice late season appearance
- Strong test weight and grain quality

### AGRONOMICS

STRESS EMERGENCE	3
ROOT STRENGTH	3
STALK STRENGTH	3
BRITTLE SNAP TOLERANCE	4
DROUGHT TOLERANCE	3
STAYGREEN	3
TEST WEIGHT	2
GRAIN DRYDOWN	4

### DISEASE TOLERANCE

GRAY LEAF SPOT	DP
NORTHERN LEAF BLIGHT	5
TAR SPOT	DP
GOSS'S WILT	4
ANTHRACNOSE STALK ROT	DP
DIPLODIA EAR ROT	DP
GIBBERELLA EAR ROT	DP
FUSARIUM EAR ROT	DP

### PLANT & EAR CHARACTERISTICS

PLANT HEIGHT	Medium
EAR HEIGHT	Medium
EAR FLEX	Medium
KERNEL ROWS	16-18
HUSK COVER	Medium
FLOWERING MATURITY	Medium
BLACK LAYER MATURITY	Medium
GDU TO SILK	1120
GDU TO BLACK LAYER	2120

### MANAGEMENT RECOMMENDATIONS

HIGHLY PRODUCTIVE SOILS	5
LESS PRODUCTIVE SOILS	2
CORN AFTER CORN	2
NO TILL / LIMITED TILL	2
DELAYED HARVEST	4
SILAGE USE	3
OPTIMUM POPULATION	26,000 - 36,000

**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 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.

**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 counties, 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

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

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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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