

2C550 BRAND



Relative Maturity

85

CONV

Key Strengths

- Widely adapted across varied conditions; moves east to west extremely well
- Striking yield potential with exceptional emergence and seedling vigor
- Early flowering plant with modest appearance

Notes

MANAGEMENT

GDUS TO MID-POLLINATION	1173
GDUS TO BLACK LAYER	2125

GROWTH

SEEDLING VIGOR	2
ROOT STRENGTH	3
STALK STRENGTH	2
DROUGHT TOLERANCE	4
GREENSNAP	3
PLANT HEIGHT	MED TALL
EAR HEIGHT	MED HIGH

HERBICIDE

GROWTH REGULATORS SENSITIVITY	A
PIGMENT INHIBITOR - PREEMERGENCE	A
SULFONYLUREAS SENSITIVITY	A

PLANTING

PLANTING RATE	MED HIGH
EMERGENCE	2

HARVEST

STAYGREEN	4
DRYDOWN	4
TEST WEIGHT	3
HARVEST APPEARANCE	4

PLANT DESCRIPTION

COB COLOR	RED
KERNEL ROW	14-16

DISEASES

GRAY LEAF SPOT	4
NORTHERN CORN LEAF BLIGHT RACE 1	4
GOSS'S WILT	4
ANTHRACNOSE STALK ROT	5
ANTHRACNOSE LEAF BLIGHT	3
COMMON RUST	4
EYE SPOT	3
FUSARIUM STALK ROT	5
SOUTHERN CORN LEAF BLIGHT	3

LEGEND

VALUE ADDED TRAITS:

SS = SmartStax® corn, **SSRIB** = SmartStax® RIB Complete corn blend, **VT2P** = VT Double PRO® corn, **DGVT2P** = DroughtGard® Hybrids with VT Double PRO® corn, **VT2PRIB** = VT Double PRO® RIB Complete® corn blend, **DGVT2PRIB** = DroughtGard® Hybrids with VT Double PRO® RIB Complete® corn blend, **VT3P** = Genuity® VT Triple PRO® corn, **DGVT3P** = DroughtGard® Hybrids with Genuity® VT Triple PRO® corn, **VT3PRIB** = Genuity® VT Triple PRO® RIB Complete® corn blend, **DGVT3PRIB** = DroughtGard® Hybrids with Genuity® VT Triple PRO® RIB Complete® corn blend, **RR2** = Roundup Ready® corn 2, **HFC** = Processor Preferred® High Fermentable Corn exhibits the characteristics desired by dry mill ethanol plants, **HES** = Processor Preferred® High Extractable Starch exhibits the characteristics desired by wet millers

CODES: L = Low, S = Short, M-S = Medium-Short, M = Medium, M-MH = Medium-Medium High, M-H = Medium-High, MH-H = Medium High-High, M-L = Medium-Low, MT = Medium-Tall, T = Tall, H = High, R = Resistant, S = Susceptible

GDU (GROWING DEGREE UNIT): Although maturity of one corn product relative to another remains reasonably consistent, the actual number of calendar days from planting to any given point of plant development varies with temperature, day length, rate and date of planting, soil fertility and other environmental factors. All GDU values calculated are from the time of planting.

RATING SCALE: 1 = Excellent, **9** = Poor, The ratings are approximate and should not be considered as absolute. Based on Monsanto conducted trials relative to other brand corn.

DIPLODIA EAR ROT RATING SCALE: AA = Above Average, **A** = Average, **BA** = Below Average

HERBICIDE CLASS RATINGS: Ratings are based on observations and research using herbicides at and above labeled rates to simulate extreme environmental conditions, misapplication and adverse soil pH or organic content. **A** = Acceptable Either no adverse effects from the corn product/herbicide combination were noted on any traits or only slight damage could be noted under adverse conditions or herbicide application at higher than label rates. **C** = Caution The corn product/herbicide combination is usually not a problem if sprayed according to label directions, but can result in plant height reduction, stand loss and suspected yield loss under very adverse environmental conditions, high rates, or extreme soil pH levels or organic content. Use drop nozzle spraying for postemergence herbicides or plant in warm soils for incorporated herbicides to avoid interactions. **W** = Warning Not advised - this corn product/herbicide combination should not be used under any circumstance.

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Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

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