

B04J45PCE™



Elite yield potential with balanced agronomics.

BREVANT® seeds

Trait versions with same base
B04J45V™

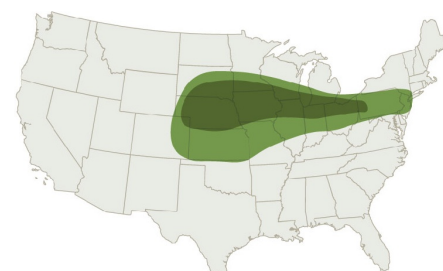
Excellent emergence for early planting into cold and/or wet soils as well as high residue situations.

Moderate plant and ear heights. Yield breakouts = moderate to uber high yield positioning.

Strong stalks, roots, ear flex, green snap, and drought tolerances.

Average Goss's wilt tolerance is worth managing for top-end western yields!

A fungicide may be necessary for yield environments where gray leaf spot pressure is high.



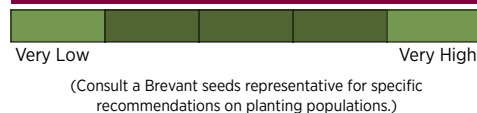
YIELD ENVIRONMENTS

- ★ Highly Productive
- ★ Moderate
- ✓ Low

CROP MANAGEMENT

- ★ Early Planting
- ✓ Late Planting
- ✓ Delayed Harvest

POPULATION



SOIL ADAPTABILITY

- ✓ Poorly Drained Soils
- ★ Sandy Soils
- ✓ Clay Soils

CROP ROTATION

- ✧ Continuous Corn
- ★ Corn / Soybean

FUNGICIDE RESPONSE



AGRONOMICS

- ★ Stress Emergence
- ✓ Stalks
- ✓ Roots
- ✓ Green Snap
- ✧ Stay Green
- ✓ Drought Tolerance
- ✓ High pH Soil Tolerance
- ✓ Test Weight
- ✓ Husk Cover

DISEASE TOLERANCE

- ✧ Gray Leaf Spot
- ★ NCLB
- ✓ Tar Spot
- ✧ Goss's Wilt
- NA SCLB
- NA S. Corn Rust
- ✧ Anthracnose Stalk Rot
- ✧ Fusarium Ear Rot
- ✧ Diplodia Ear Rot
- NA Gibberella Ear Rot

CHARACTERISTICS

Relative Maturity Range..... 101-106
 GDUs to Mid-Silk..... 1311
 GDUs to Black Layer..... 2507
 Plant Height..... Medium
 Ear Height..... Medium Low
 Ear Flex..... Semi-Flex
 Cob Color..... White

HERBICIDE TOLERANCES



KEY

- ★ Highly Suitable - Key Strength
- ✓ Suitable - Meets Standards
- ✧ Manage Appropriately
- ✗ Strong Caution - Limitation
- NA Rating Not 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 Brevant seeds. Ratings denoted with an asterisk (*) reflect preliminary data subject to change when additional data becomes available.

Information and scores are assigned by Brevant Seeds and are based on period-of-years testing through 2022 harvest and were the latest available at time of printing. Some scores may change after 2023 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.





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.

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.

Optimum® AcreMax® XTreme products contain 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 XTreme products.

Optimum® AQUAmax® products – 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 products may exhibit reduced yield under water and heat stress. Individual results may vary.

PowerCore® multi-event technology developed by Corteva Agriscience and Monsanto. PowerCore® is a registered trademark of Monsanto Technology LLC. Always follow IRM, grain marketing and all other stewardship practices and pesticide label directions. Bt. products may not yet be registered in all states. Check with your seed representative for the registration status in your state.

The PowerCore® Enlist® Refuged Advanced® trait will not be offered for sale or distribution until completion of field testing and applicable regulatory reviews.

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. 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/>.

Roundup Ready® Corn 2 technology – 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. RR2 – Contains the Roundup Ready® Corn 2 trait that provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions.

SmartStax® multi-event technology developed by Corteva Agriscience and Monsanto. *SmartStax and the SmartStax Logo are registered trademarks of Bayer Group.

Agrisure® RW trait. Agrisure Viptera® trait. Agrisure® is a registered trademark of, and used under license from, a Syngenta Group Company. Agrisure Viptera® is a registered trademark of, and used under license from, a Syngenta Group Company. Agrisure® technology incorporated into these seeds is commercialized under a license from Syngenta Crop Protection AG.

Vorceed™ Enlist® products – Growers participating in Corteva's Horizon Network Program for Vorceed™ Enlist® corn products are required to sign a "Horizon Network Product Agreement", which specifies that Vorceed Enlist corn material can only be sold to and planted by growers who agree to use the grain as feed for livestock on their own farming operation OR agree to only sell their grain directly to producers who agree to feed this grain to their livestock OR direct delivery to additional Corteva-approved 3rd parties willing to accept Corn Material. Grain and byproducts produced from Vorceed Enlist corn material cannot be marketed in jurisdictions where not authorized, including Mexico, until the applicable approval is granted. Refer to <http://www.biotradestatus.com/> for updated information on regulatory status, as well as <http://www.traitstewardship.com/> for additional stewardship requirements.

Corteva products are launched in accordance with Corteva Agriscience launch policies and Excellence Through Stewardship Product Launch Guidance and that, in line with these guidelines, Corteva products included in the Horizon Network Product Agreement are approved for cultivation and domestic feed and food use in the United States and have received import authorization in many importing countries including Canada, China, Colombia, Japan, Korea, and Taiwan. Vorceed Enlist is not authorized for use in some markets and is not currently authorized for use in Mexico, which has become increasingly a non-functioning, non-science-based and politicized regulatory environment; growers must take all affirmative steps within their control to steward Vorceed Enlist appropriately and as required by the Horizon Network Product Agreement.

Enlist E3® soybeans – The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies L.L.C.

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.

Roundup Ready 2 Xtend® technology – DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO SOYBEANS WITH Roundup Ready 2 Xtend® technology unless you use a dicamba herbicide product that is specifically

labeled for that use in the location where you intend to make the application. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION OF ANY DICAMBA HERBICIDE PRODUCT ON SOYBEANS WITH Roundup Ready 2 Xtend® technology, OR ANY OTHER PESTICIDE APPLICATION, UNLESS THE PRODUCT LABELING SPECIFICALLY AUTHORIZES THE USE. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with soybeans with Roundup Ready 2 Xtend® technology.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Soybeans with Roundup Ready 2 Xtend® technology contain genes that confer tolerance to glyphosate and dicamba. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba.

Roundup Ready 2 Xtend® is a registered trademark of Monsanto Technology LLC used under license.

ExpressSun® herbicide tolerant trait – Brevant® brand sunflower hybrids with the ExpressSun® trait for resistance to tribenuron-methyl herbicides labeled for use with the ExpressSun trait. This unique sunflower system is designed to maximize weed control in sunflower crops, enhancing ease of production and yield. This system provides improved weed control over conventional hybrids with traditional herbicides.

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

Roundup Ready® is a registered trademark used under license from Monsanto Company.

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Corteva Agriscience policies regarding stewardship of those products. In line with these guidelines, our product launch process for responsible launches of new products includes a longstanding process to evaluate export market information, value chain consultations, and regulatory functionality. Growers and end-users must take all steps within their control to follow appropriate stewardship requirements and confirm their buyer's acceptance of the grain or other material being purchased. For more detailed information on the status of a trait or stack, please visit www.biotradestatus.com. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

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. ©2023 Corteva.

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Corn Suffix / Trait Listing Trait

R	Roundup Ready® Corn 2
ER	Enlist™ Roundup Ready® Corn 2
PW	PowerCore®
PWRA	PowerCore® Refuge Advanced®
PWE	PowerCore® Enlist™
SX	SmartStax®
SXRA	SmartStax® Refuge Advanced®
SXE	SmartStax® Enlist™
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra®
AMXT	Optimum® AcreMax® XTreme
Q	Qrome®
V	Vorceed™ Enlist®
YHR	Optimum® Intrasect®

Soybean Suffix Trait

EE	Enlist E3®
RX	Roundup Ready 2 Xtend®
LL	LibertyLink®

Sunflower Suffix Trait

CL	IMI Tolerant
E	ExpressSun®