PRAIRIE VALLEY

PRAIRIE VALLEY 2027 SEED GUIDE





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PRAIRIE VALLEY

HYBRID CORN SEED



QUICK LOOK

103 DAY

PV103-Y24

DroughtGard HYBRIDS · VTDoublePRO RIB COMPLETE · Roundup Ready 2 TECHNOLOGY

A widely adapted, dominant hybrid that performs across soils, offers strong disease tolerance with low greensnap risk, maintains late-season intactness, delivers long ears with excellent tip fill, and yields well even at low-to-medium populations.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment — Tough, Ideal, Variable

SEE MORE ON PG #9

NEW 103 DAY

PV103-V96

Trecepta RIB COMPLETE · Roundup Ready 2 TECHNOLOGY

An offensive hybrid with strong ear flex, good test weight and drydown, solid stalks, and excellent greensnap, drought, and early vigor performance, finishing with good staygreen and late-season harvest appearance.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment — Low, Moderate, High

SEE MORE ON PG #10

105 DAY

PV105-A21

SmartStax RIB COMPLETE · Glufosinate Tolerant · Roundup Ready 2 TECHNOLOGY

A broadly placed hybrid for central, south, and west areas that offers excellent emergence and early vigor, very good drought tolerance, and consistent performance across all planting populations.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment — Tough, Ideal, Variable

SEE MORE ON PG #11

107 DAY

PV107-W53

VTDoublePRO RIB COMPLETE · Roundup Ready 2 TECHNOLOGY

A widely adopted Prairie Valley hybrid with strong stalks and roots, reduced greensnap risk, top-end yield, and excellent drydown that fits well for early-season use.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment — Variable, Ideal

SEE MORE ON PG #12

109 DAY

PV109-C34

VTDoublePRO RIB COMPLETE · Roundup Ready 2 TECHNOLOGY

An elite, widely adapted hybrid that excels on high-management, productive acres with strong top-end yield, consistent ear length and tip fill under high-density planting, and good southward maturity movement with low greensnap risk.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment — Variable, Ideal

SEE MORE ON PG #13

110 DAY

PV110-J85

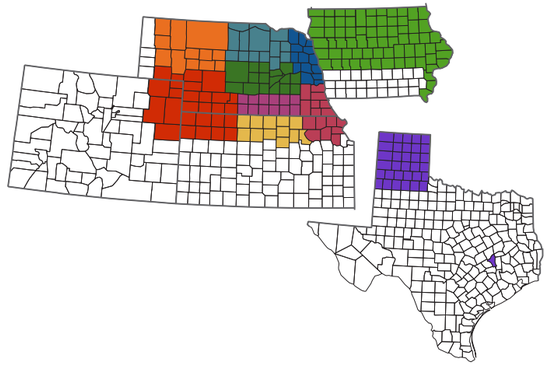
POWERCORE Enlist REFUGE ADVANCED · Enlist CORN · LIBERTY LINK · Roundup Ready CORN 2

A widely adopted Prairie Valley hybrid with strong stalks and roots, reduced greensnap risk, top-end yield, and excellent drydown that fits well for early-season use.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment — Moderate, High

SEE MORE ON PG #14



REGION KEY

- Whitetail
- Platte Valley
- Niobrara
- Cattlemen
- Chimney Rock
- Homestead
- River Front
- Sunflower
- Iowa
- Texas

QUICK LOOK

NEW 110 DAY

PV110-R67

SmartStax PRO with RNAi TECHNOLOGY · Roundup Ready 2 TECHNOLOGY

A medium-stature hybrid with strong stalks, an attractive late-season appearance, and a solid disease package, featuring greensnap and Goss' wilt tolerance for westward movement.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment — Moderate, High

SEE MORE ON PG #15

111 DAY

PV111-L11

Trecepta RIB COMPLETE · Roundup Ready 2 TECHNOLOGY

A top-end yield option for medium to high populations, best suited to highly productive acres, with strong Goss' wilt tolerance, low greensnap potential, and broad adaptability across the PV footprint.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment — Ideal, Variable

SEE MORE ON PG #16

111 DAY

PV111-L11

SmartStax RIB COMPLETE · Glufosinate Tolerant · Roundup Ready 2 TECHNOLOGY

A top-end yield option for medium to high populations, best suited to highly productive acres, with strong Goss' wilt tolerance, low greensnap potential, and broad adaptability across the PV footprint.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment — Ideal, Variable

SEE MORE ON PG #16

112 DAY

PV112-M26

Trecepta RIB COMPLETE · Roundup Ready 2 TECHNOLOGY

An offensive, robust hybrid with very good drought tolerance, strong roots and stalks, greensnap and Goss' wilt tolerance for westward movement, above-average crown rot tolerance, and a great fit across all yield environments.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment — Low, Moderate, High

SEE MORE ON PG #17

112 DAY

PV112-P46

DuracadeViptera · LIBERTY LINK · Roundup Ready 2 TECHNOLOGY

A leading dryland hybrid with heavy test weight and strong grain quality, suited to flex ears and lower populations, adaptable across diverse soil profiles (including high pH), and ideal for ~250 bu/acre yield environments.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment — Low, Moderate

SEE MORE ON PG #18

113 DAY

PV113-V89

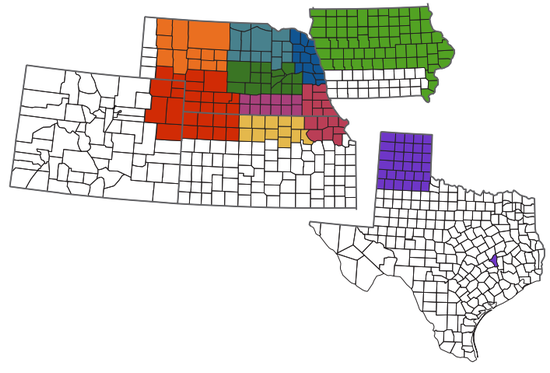
VTDoublePRO RIB COMPLETE · Roundup Ready 2 TECHNOLOGY

PV's most versatile, top-end-yield hybrid with best-in-class emergence and a large-leaf early canopy, delivering solid performance across all cropping practices throughout the entire PV footprint.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment — Ideal, Variable

SEE MORE ON PG #19



REGION KEY

- Whitetail
- Platte Valley
- Niobrara
- Cattlemen
- Chimney Rock
- Homestead
- River Front
- Sunflower
- Iowa
- Texas

QUICK LOOK

NEW 113 DAY

PV113-T87

VT4PRO RNAi TECHNOLOGY · Roundup Ready 2 TECHNOLOGY

An offensive dual-purpose hybrid for grain or silage with above-average crown rot tolerance, very good stalk strength, and strong greensnap tolerance.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment Low, Moderate, High

SEE MORE ON PG #20

NEW 114 DAY

PV114-S97

VT4PRO RNAi TECHNOLOGY · Roundup Ready 2 TECHNOLOGY

A medium-tall hybrid with good roots and stalks, strong dual-purpose silage potential (tonnage and quality), solid agronomics, and stellar yield potential.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment Low, Moderate, High

SEE MORE ON PG #21

114 DAY

PV114-D44

Trecepta RIB COMPLETE · Roundup Ready 2 TECHNOLOGY

A highly adaptable "Mr. Flexibility" hybrid that delivers stable performance under heat and drought, fits diverse soil types, and performs well from low to high populations.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment Ideal, Variable

SEE MORE ON PG #22

115 DAY

PV115-D59

VTDoublePRO RIB COMPLETE · Roundup Ready 2 TECHNOLOGY

A convenient irrigated-or-dryland hybrid that moves well across the south, west, and central PV footprint, excels on high pH soils, performs across all populations, delivers strong top-end yield in diverse environments, and makes a good silage option.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment Ideal, Variable

SEE MORE ON PG #23

116 DAY

PV116-G64

SmartStax RIB COMPLETE · Glufosinate Tolerant · Roundup Ready 2 TECHNOLOGY

A hybrid with very good stalks, roots, and test weight plus excellent early vigor and greensnap tolerance, adaptable across yield environments, responsive to higher populations under high management, with fungicide recommended for Southern rust.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment Variable, Ideal, Tough

SEE MORE ON PG #24

116 DAY

PV116-N36

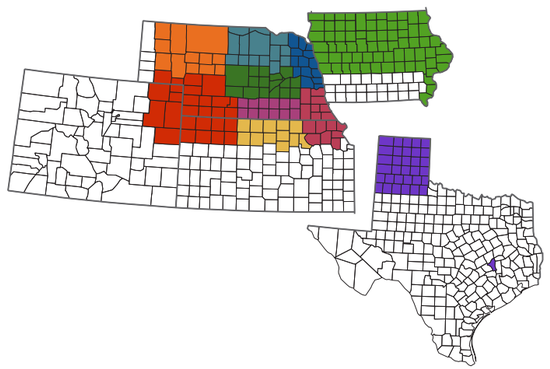
Viptera · LIBERTY LINK · Roundup Ready 2 TECHNOLOGY

A healthy, strong-rooted hybrid with excellent stalk strength that provides a flexible harvest window, excels in higher-yield environments, and offers dual-purpose grain/silage potential.

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment Moderate, High

SEE MORE ON PG #25



REGION KEY

- Whitetail
- Platte Valley
- Niobrara
- Cattlemen
- Chimney Rock
- Homestead
- River Front
- Sunflower
- Iowa
- Texas

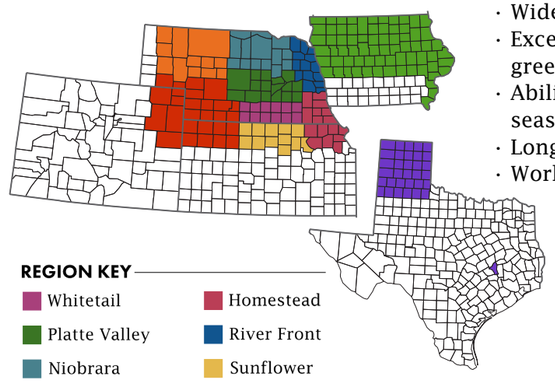
PV103-Y24

103 DAY

DroughtGard HYBRIDS · VTDoublePRO RIB COMPLETE

HYBRID HIGHLIGHTS

- Widely adapted, dominant hybrid that works across all soils
- Excellent Goss' Wilt and very good GLS tolerance with a lower greensnap risk
- Ability to yield through disease pressure with good late season intactness
- Longer ears with excellent tip fill
- Works well in low-medium populations when needed



REGION KEY

- Whitetail
- Platte Valley
- Niobrara
- Cattlemen
- Chimney Rock
- Homestead
- River Front
- Sunflower
- Iowa
- Texas

PLACEMENT RECOMMENDATION

Seed Region
Yield Environment Tough, Ideal, Variable

HYBRID DESCRIPTION

GDUs to Mid-pollination	1290
GDUs to Black layer	2605
Pollination for Maturity	Medium-Late
Population Tolerance	L-M
Ear Length Score	
Kernel Rows	16-18
Test Weight	
Overall Flex Score	
Ear Height	Medium
Cob Color	Red
Husk Cover	Adequate
Plant Height	Medium

Rating Scale
5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	
Tar Spot Complex	

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	A
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

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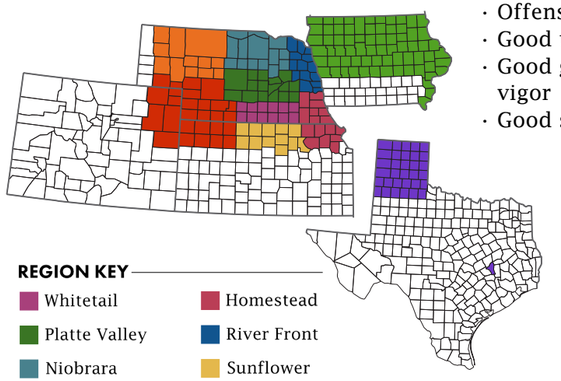
Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV103-V96 103 DAY NEW

Trecepta® RIB COMPLETE®

HYBRID HIGHLIGHTS

- Offensive product with very good ear flex
- Good test weigt, drydown, stalks
- Good greensnap tolerance, drought tolerance, and early plant vigor
- Good staygreen and late-season harvest appearance



PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Low, Moderate, High

HYBRID DESCRIPTION

GDUs to Mid-pollination	1265
GDUs to Black layer	2493
Pollination for Maturity	Medium-Early
Population Tolerance	M
Ear Length Score	
Kernel Rows	16-18
Test Weight	
Overall Flex Score	
Ear Height	Medium
Cob Color	Red
Husk Cover	Adequate
Plant Height	Medium

Rating Scale

5 = Excellent 3 = Good 2 = Fair
4 = Very Good 2.5 = Average 1 = Poor

HYBRID AGRONOMICS

Drydown
Root Rating
Early Plant Vigor
Greensnap
Stalk Rating
Stalk Health
Intactness
Staygreen
Drought Tolerance
pH

DISEASE RESISTANCE

Goss' Wilt
Gray Leaf Spot
Northern Leaf Blight
Southern Leaf Blight
Physoderma Node Breakage
Stalk Anthracnose
Southern Rust
Common Rust
Diplodia Ear Rot
Tar Spot Complex

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	A
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

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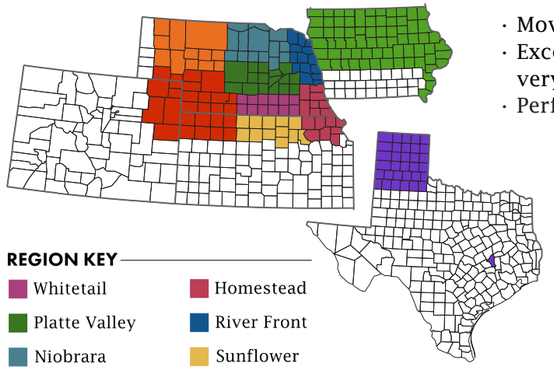
Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV105-A21 105 DAY

SmartStax® RIB COMPLETE®

HYBRID HIGHLIGHTS

- Moves central, south, and west in PV footprint
- Excellent emergence and early plant vigor coupled with very good drought tolerance
- Performs well across all planting populations



PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Tough, Ideal, Variable

HYBRID DESCRIPTION

GDUs to Mid-pollination	1336
GDUs to Black layer	2632
Pollination for Maturity	Medium-Late
Population Tolerance	L-M
Ear Length Score	
Kernel Rows	16-18
Test Weight	
Overall Flex Score	
Ear Height	Medium
Cob Color	Red
Husk Cover	Adequate
Plant Height	Medium

Rating Scale

5 = Excellent 3 = Good 2 = Fair
4 = Very Good 2.5 = Average 1 = Poor

HYBRID AGRONOMICS

Drydown
Root Rating
Early Plant Vigor
Greensnap
Stalk Rating
Stalk Health
Intactness
Staygreen
Drought Tolerance
pH

DISEASE RESISTANCE

Goss' Wilt
Gray Leaf Spot
Northern Leaf Blight
Southern Leaf Blight
Physoderma Node Breakage
Stalk Anthracnose
Southern Rust
Common Rust
Diplodia Ear Rot
Tar Spot Complex

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	A
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

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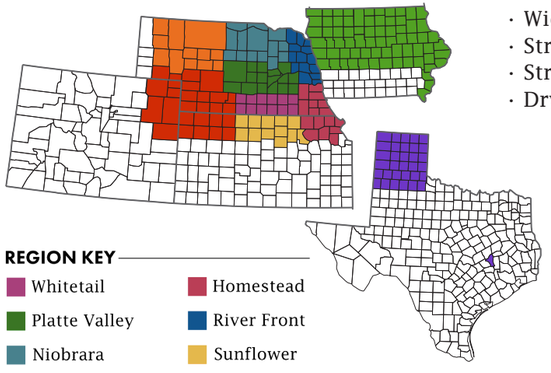
Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV107-W53 — 107 DAY

VTDoublePRO® RIB COMPLETE®

HYBRID HIGHLIGHTS

- Widely adopted across the Prairie Valley footprint
- Strong stalk rating with a reduced greensnap risk
- Strong roots and top end yield
- Drydown makes for a very good early season hybrid



HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Variable, Ideal

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	
Tar Spot Complex	

HYBRID DESCRIPTION

GDUs to Mid-pollination	1357
GDUs to Black layer	2673
Pollination for Maturity	Medium
Population Tolerance	M-MH
Ear Length Score	
Kernel Rows	14-16
Test Weight	
Overall Flex Score	
Ear Height	Medium
Cob Color	Red
Husk Cover	Adequate
Plant Height	Medium

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	A
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

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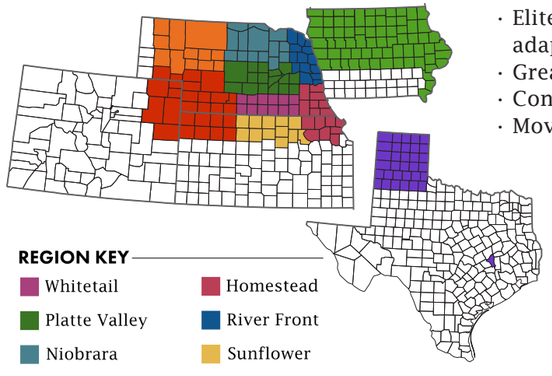
Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV109-C34 — 109 DAY

VTDoublePRO® RIB COMPLETE®

HYBRID HIGHLIGHTS

- Elite hybrid with excellent top end yield and a wide area of adaptation
- Great for high management, productive acres
- Consistent ear length under density with good tip fill
- Moves South well for maturity with low greesnap risk



HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Variable, Ideal

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	
Tar Spot Complex	

HYBRID DESCRIPTION

GDUs to Mid-pollination	1330
GDUs to Black layer	2750
Pollination for Maturity	Medium
Population Tolerance	M-MH
Ear Length Score	
Kernel Rows	14-16
Test Weight	
Overall Flex Score	
Ear Height	Medium
Cob Color	Red
Husk Cover	Adequate
Plant Height	Medium-Tall

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)
Sulfonylureas/ALS Inhibitors (Group 2)
Pigment Inhibitors/HPPD Inhibitors (Group 27)

Rating Scale

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4 = Very Good *2.5 = Average* *1 = Poor*

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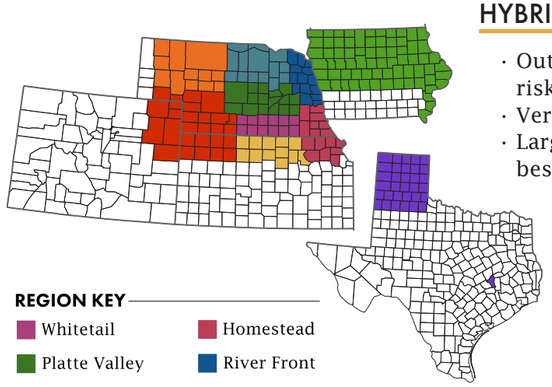
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Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV110-J85 110 DAY

POWERCORE Enlist REFUGE ADVANCED



HYBRID HIGHLIGHTS

- Outstanding stalk and root strength with lower greensnap risk
- Very good tolerance to Goss' Wilt and GLS; manage NLB
- Large adaptibility window ranging from east to west with best performance in zone and south of zone.

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Moderate, High

HYBRID DESCRIPTION

GDUs to Mid-pollination	1325
GDUs to Black layer	2765
Pollination for Maturity	Medium
Population Tolerance	L-H
Ear Length Score	
Kernel Rows	16-18
Test Weight	
Overall Flex Score	
Ear Height	Medium
Cob Color	Red
Husk Cover	Adequate
Plant Height	Medium

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	
Tar Spot Complex	

HERBICIDE SENSITIVITY

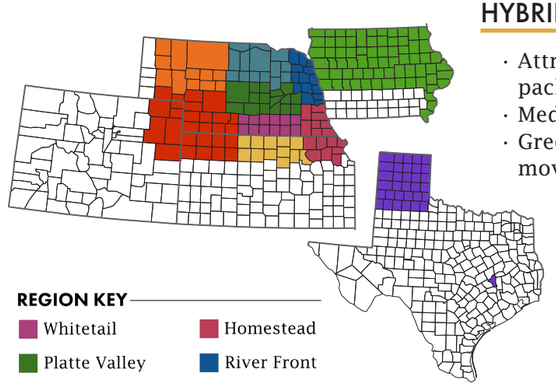
Growth Regulators (Group 4)	N/A
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

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Enlist CORN LIBERTY LINK® Roundup Ready CORN 2

PRAIRIE VALLEY PV110-R67 110 DAY NEW

SmartStax PRO With RNAi TECHNOLOGY



HYBRID HIGHLIGHTS

- Attractive late-season appearance with a solid disease package
- Medium stature with very good stalks
- Greensnap and Goss' Wilt tolerance all for western movement

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Moderate, High

HYBRID DESCRIPTION

GDUs to Mid-pollination	1315
GDUs to Black layer	2590
Pollination for Maturity	Medium-Late
Population Tolerance	M-MH
Ear Length Score	
Kernel Rows	16-18
Test Weight	
Overall Flex Score	
Ear Height	Medium
Cob Color	Red
Husk Cover	Long
Plant Height	Medium

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	
Tar Spot Complex	

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	C
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

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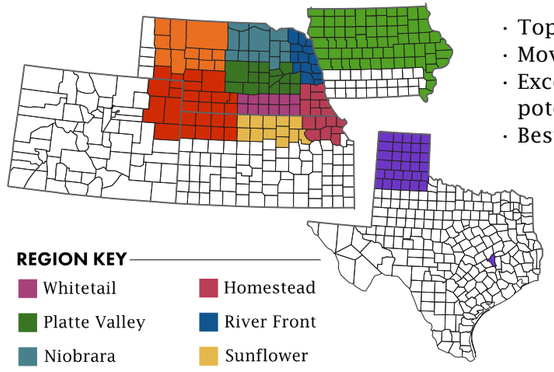
Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV111-L11

111 DAY

Trecepta® RIB COMPLETE®

SmartStax® RIB COMPLETE®



HYBRID HIGHLIGHTS

- Top end yield choice with medium to high populations
- Moves east, south, west, and north in PV footprint
- Excellent Goss' Wilt tolerance and low greensnap potential
- Best performance will be on highly productive acres

HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Ideal, Variable

HYBRID DESCRIPTION

GDUs to Mid-pollination	1389
GDUs to Black layer	2736
Pollination for Maturity	Medium
Population Tolerance	MH-H
Ear Length Score	
Kernel Rows	16-18
Test Weight	
Overall Flex Score	
Ear Height	Medium-High
Cob Color	Red
Husk Cover	Adequate
Plant Height	Medium

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	
Tar Spot Complex	

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	A
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

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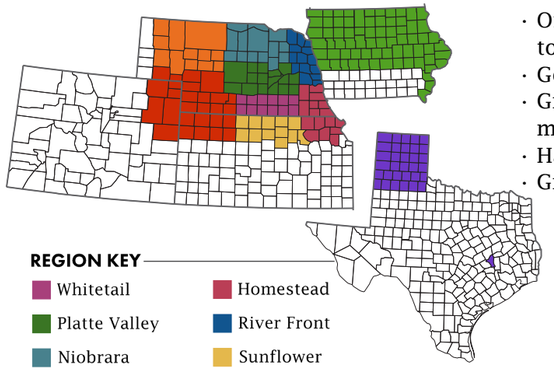
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Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV112-M26

112 DAY

Trecepta® RIB COMPLETE®



HYBRID HIGHLIGHTS

- Offensive, robust plant type with very good drought tolerance
- Good stalks and very good roots
- Greensnap and Goss' Wilt tolerance allow for western movement
- Has shown good above average crown rot tolerance
- Great fit for all yield environments

HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Low, Moderate, High

HYBRID DESCRIPTION

GDUs to Mid-pollination	1330
GDUs to Black layer	2654
Pollination for Maturity	Medium-Late
Population Tolerance	M-MH
Ear Length Score	
Kernel Rows	14-16
Test Weight	
Overall Flex Score	
Ear Height	High
Cob Color	Red
Husk Cover	Adequate
Plant Height	Tall

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	
Tar Spot Complex	

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	A
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

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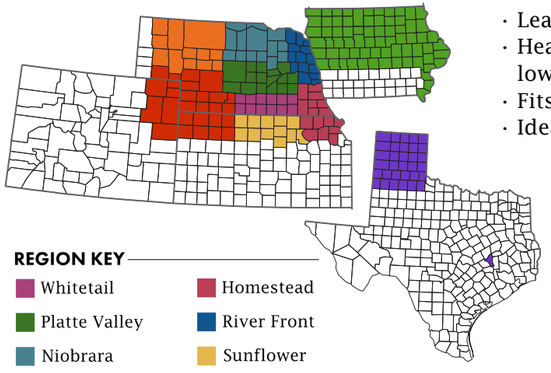
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Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV112-P46 — 112 DAY

DuracadeViptera™



HYBRID HIGHLIGHTS

- Leading dryland product
- Heavy test weight, good grain quality for Flex ear and lower populations
- Fits wide range of soil profiles including high pH
- Ideal in 250 average yield environments

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Low, Moderate

HYBRID DESCRIPTION

GDUs to Mid-pollination	1430
GDUs to Black layer	2600
Pollination for Maturity	Medium
Population Tolerance	M-MH
Ear Length Score	
Kernel Rows	16-18
Test Weight	
Overall Flex Score	
Ear Height	Medium
Cob Color	Pink
Husk Cover	Long
Plant Height	Medium-Tall

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	N/A
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	N/A
Tar Spot Complex	

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	N/A
Sulfonylureas/ALS Inhibitors (Group 2)	N/A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	N/A

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, post-emergent weed control of Liberty® herbicide for optimum yield and excellent weed control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF.

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Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium-based herbicides.

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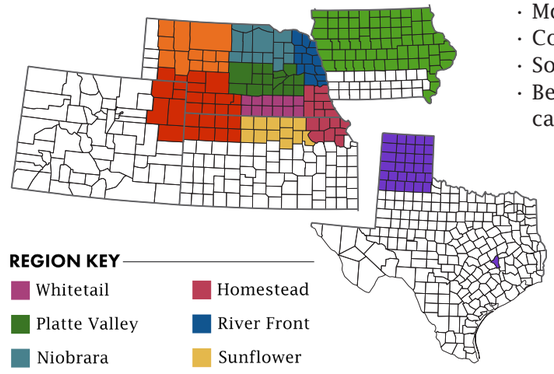
More information about Syngenta corn products is available at https://www.biotradestatus.com/.

HERCULEX® I — LIBERTY LINK®

Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, **including applicable refuge requirements for insect resistance management,** for the biotechnology traits expressed in the seed as set forth in the Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation and agreement to comply with the most recent stewardship requirements.

PRAIRIE VALLEY PV113-V89 — 113 DAY

VT Double PRO® RIB COMPLETE®



HYBRID HIGHLIGHTS

- Most versatile product in PV line-up with top end yield
- Covers all of PV footprint
- Solid performance across all cropping practices
- Best in class emergence with large leaf type for early canopy

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Ideal, Variable

HYBRID DESCRIPTION

GDUs to Mid-pollination	1364
GDUs to Black layer	2714
Pollination for Maturity	Medium
Population Tolerance	M-MH
Ear Length Score	
Kernel Rows	16-18
Test Weight	
Overall Flex Score	
Ear Height	Medium
Cob Color	Red
Husk Cover	Adequate
Plant Height	Medium

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	
Tar Spot Complex	

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	A
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

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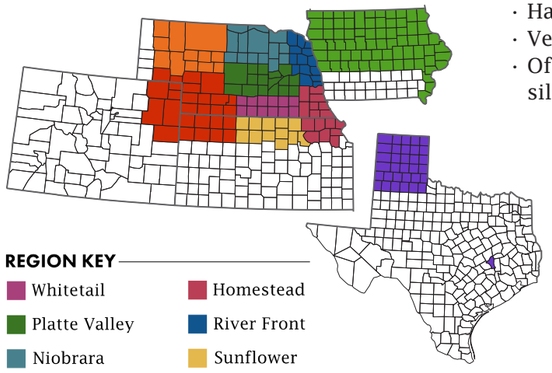
Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV113-T87

113 DAY | NEW | VT4PRO™ With RNAi TECHNOLOGY

HYBRID HIGHLIGHTS

- Has shown above average crown rot tolerance
- Very good stalks and greensnap tolerance
- Offensive, dual purpose product for both grain and silage



HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Moderate, Low, High

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	
Tar Spot Complex	

HYBRID DESCRIPTION

GDUs to Mid-pollination	1416
GDUs to Black layer	2789
Pollination for Maturity	Late
Population Tolerance	M
Ear Length Score	
Kernel Rows	16-18
Test Weight	
Overall Flex Score	
Ear Height	Medium-High
Cob Color	Red
Husk Cover	Adequate
Plant Height	Medium-Tall

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	A
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

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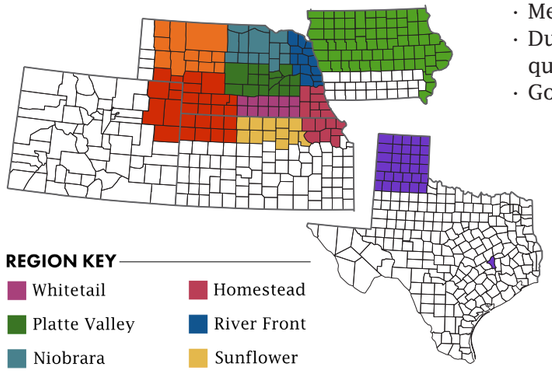
Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV114-S97

114 DAY | NEW | VT4PRO™ With RNAi TECHNOLOGY

HYBRID HIGHLIGHTS

- Medium-tall hybrid with good roots and stalks
- Dual purpose silage potential with good tonnage and quality
- Good agronomics with stellar yield potential



HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Moderate, Low, High

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	N/A
Diplodia Ear Rot	
Tar Spot Complex	

HYBRID DESCRIPTION

GDUs to Mid-pollination	1425
GDUs to Black layer	2836
Pollination for Maturity	Late
Population Tolerance	M
Ear Length Score	
Kernel Rows	14-16
Test Weight	
Overall Flex Score	
Ear Height	Medium-High
Cob Color	Red
Husk Cover	Adequate
Plant Height	Medium-Tall

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	A
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

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ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. B.t. products may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

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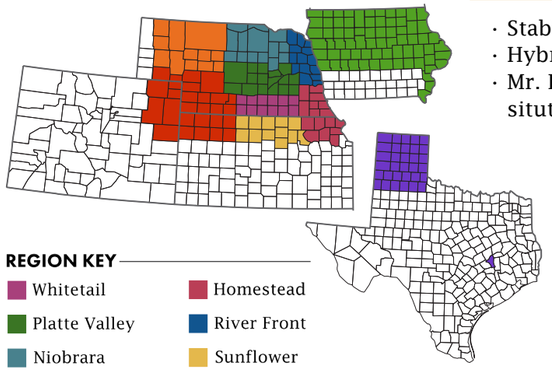
Roundup Ready® Technology contains genes that confer tolerance to glyphosate. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Plants that are not tolerant to glyphosate may be damaged or killed if exposed to those herbicides. Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. Herculex® is a registered trademark of Dow AgroSciences LLC. Agrisure Viptera® is a registered trademark of a Syngenta group company. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. Acceleron®, DroughtGard®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready®, SmartStax®, Trecepta®, VT Double PRO®, and VT4PRO™ are trademarks of Bayer Group

Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV114-D44

114 DAY

Trecepta® RIB COMPLETE®



HYBRID HIGHLIGHTS

- Stable performance under heat and drought stress
- Hybrid can handle diverse soil types
- Mr. Flexibility can be used in low to high population situtations.

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Ideal, Variable

HYBRID DESCRIPTION

GDUs to Mid-pollination	1310
GDUs to Black layer	2610
Pollination for Maturity	Medium-Late
Population Tolerance	MH-H
Ear Length Score	
Kernel Rows	18-20
Test Weight	
Overall Flex Score	
Ear Height	Medium
Cob Color	Red
Husk Cover	Adequate
Plant Height	Medium-Tall

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	
Tar Spot Complex	

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	A
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

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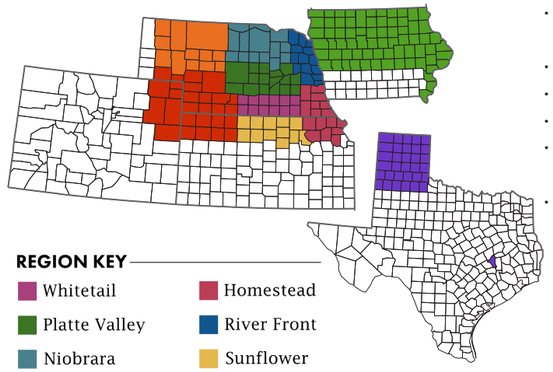
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Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV115-D59

115 DAY

VTDoublePRO® RIB COMPLETE®



HYBRID HIGHLIGHTS

- Good irrigated and dryland choice allows for planting convenience
- Moves south, west, and central in PV footprint
- Best in line-up on high pH
- Performs well across all planting populations
- Has good top end yield across a wide range of environments
- Good silage option

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Ideal, Variable

HYBRID DESCRIPTION

GDUs to Mid-pollination	1357
GDUs to Black layer	2692
Pollination for Maturity	Medium
Population Tolerance	M-MH
Ear Length Score	
Kernel Rows	16-18
Test Weight	
Overall Flex Score	
Ear Height	Medium-High
Cob Color	Red
Husk Cover	Adequate
Plant Height	Medium-Tall

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	
Tar Spot Complex	

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	A
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

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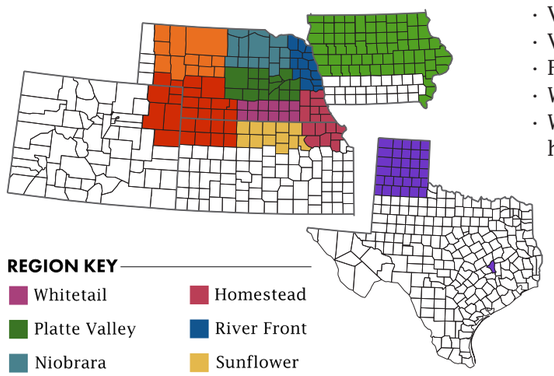
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Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV116-G64 116 DAY

SmartStax® RIB COMPLETE®



HYBRID HIGHLIGHTS

- Very good stalks and test weight with good roots
- Very good greensnap with excellent early vigor
- Fungicide recommended to manage Southern Rust
- Works across multiple yield environments
- Will reward growers with increased populations in high management situations

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Variable, Ideal, Tough

HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

HYBRID DESCRIPTION

GDUs to Mid-pollination	1379
GDUs to Black layer	2744
Pollination for Maturity	Medium-Late
Population Tolerance	M-MH
Ear Length Score	
Kernel Rows	16-18
Test Weight	
Overall Flex Score	
Ear Height	Medium
Cob Color	Red
Husk Cover	Long
Plant Height	Medium-Tall

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	
Tar Spot Complex	

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	A
Sulfonylureas/ALS Inhibitors (Group 2)	A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	A

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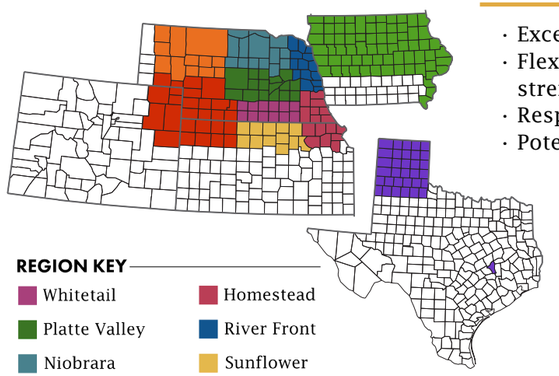
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Roundup Ready 2 TECHNOLOGY®

PRAIRIE VALLEY PV116-N36 116 DAY

Viptera®



HYBRID HIGHLIGHTS

- Excellent plant health and root structure
- Flexible harvest window due to excellent stalk and root strength
- Responds to higher yield environments
- Potential silage option for dual purpose

PLACEMENT RECOMMENDATION

Seed Region	
Yield Environment	Moderate, High

HYBRID AGRONOMICS

Drydown	
Root Rating	
Early Plant Vigor	
Greensnap	
Stalk Rating	
Stalk Health	
Intactness	
Staygreen	
Drought Tolerance	
pH	

HYBRID DESCRIPTION

GDUs to Mid-pollination	1455
GDUs to Black layer	2665
Pollination for Maturity	Medium
Population Tolerance	L-H
Ear Length Score	
Kernel Rows	16-18
Test Weight	
Overall Flex Score	
Ear Height	Medium
Cob Color	White
Husk Cover	Long
Plant Height	Medium-Tall

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

DISEASE RESISTANCE

Goss' Wilt	
Gray Leaf Spot	
Northern Leaf Blight	
Southern Leaf Blight	
Physoderma Node Breakage	
Stalk Anthracnose	
Southern Rust	
Common Rust	
Diplodia Ear Rot	
Tar Spot Complex	

HERBICIDE SENSITIVITY

Growth Regulators (Group 4)	N/A
Sulfonylureas/ALS Inhibitors (Group 2)	N/A
Pigment Inhibitors/HPPD Inhibitors (Group 27)	N/A

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, post-emergent weed control of Liberty® herbicide for optimum yield and excellent weed control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF.

Corn trait technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. Herculex® Technology incorporated into these seeds is commercialized under license from Corteva Agriscience LLC. HERCULEX® and the HERCULEX Shield are trademarks of Corteva Agriscience LLC.

Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium-based herbicides.

Agrisure® Above, Agrisure® Total, Duracade®, DuracadeViptera™, DuracadeViptera™Z3, Durastak™, DurastakViptera™, Viptera®, Viptera®Z3, and E-Z Refuge® are trademarks of a Syngenta Group Company.

More information about Syngenta corn products is available at https://www.biotradestatus.com/.

HERCULEX® I

LIBERTY LINK®

Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, **including applicable refuge requirements for insect resistance management,** for the biotechnology traits expressed in the seed as set forth in the Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation and agreement to comply with the most recent stewardship requirements.

PRAIRIE VALLEY
Hybrid Corn Seed

	GDU's to Mid-Pollination	GDU's to Black Layer	Pollination for Maturity	Ear Length Score	Kernel Rows	Test Weight	Overall Flex Score	Ear Height	Cob Color	Husk Cover	Plant Height
PV103-Y24 DGVT2PRIB	1290	2605	Med. Late	5	16-18	2.5	4	Medium	Red	Adequate	Medium
PV103-V96 ***NEW*** Trecepta	1265	2493	Med. Early	4	16-18	3	4	Medium	Red	Adequate	Medium
PV105-A21 SSRIB	1336	2632	Med. Late	4	16-18	3	4	Medium	Red	Adequate	Medium
PV107-W53 VT2PRIB	1357	2673	Medium	4	14-16	3	3.5	Medium	Red	Adequate	Medium
PV109-C34 VT2PRIB	1330	2750	Medium	4	14-16	4	4	Medium	Red	Adequate	Med. Tall
PV110-J85 PowerCore	1325	2765	Medium	4	16-18	3	4	Medium	Red	Adequate	Medium
PV110-R67 ***NEW*** SSPRIB-RNAi	1315	2590	Med. Late	3	16-18	3	3.5	Medium	REd	Long	Medium
PV111-L11 Trecepta | SSRIB	1389	2736	Medium	3	16-18	3	3.5	Med. High	Red	Adequate	Medium
PV112-M26 Trecepta	1330	2654	Med. Late	3	14-16	4	4	High	Red	Adequate	Tall
PV112-P46 Duracade-Viptera	1430	2600	Medium	3	16-18	4	4	Medium	Pink	Long	Med. Tall
PV113-V89 VT2PRIB	1364	2714	Medium	4	16-18	5	4.5	Medium	Red	Adequate	Medium
PV113-T87 ***NEW*** VT4PRO-RNAi	1416	2789	Late	3	16-18	3	3	Med. High	Red	Adequate	Med. Tall
PV114-S97 ***NEW*** VT4PRO-RNAi	1425	2836	Late	3.5	14-16	3	3.5	Med. High	Red	Adequate	Med. Tall
PV114-D44 Trecepta	1310	2610	Med. Late	4	18-20	3	4.5	Medium	Red	Adequate	Med. Tall
PV115-D59 VT2PRIB	1357	2692	Medium	4	16-18	3	3.5	Med. High	Red	Adequate	Med. Tall
PV116-G64 SSRIB	1379	2744	Med. Late	4	16-18	4	4	Medium	Red	Long	Med. Tall
PV116-N36 Viptera	1455	2665	Medium	4	16-18	3	4	Medium	White	Long	Med. Tall

	Drydown	Root Rating	Early Plant Vigor	Greensnap	Stalk Rating	Stalk Health	Intactness	Staygreen	Drought Tolerance	pH	Goss' Wilt	Gray Leaf Spot	Northern Leaf Blight	Southern Leaf Blight	Physoderma Node Breakage	Stalk Anthracnose	Southern Rust	Common Rust	Diplodia Ear Rot	Tar Spot Complex
PV103-Y24 DGVT2PRIB	3	2.5	3	4	3	4	4	2.5	5	4	4	3	2	3	2.5	4	3	3	3	2
PV103-V96 ***NEW*** Trecepta	3	2.5	3	4	3	3.5	4	3	3	4	2.5	2	3	5	3.5	4	2.5	4	3	2
PV105-A21 SSRIB	5	4	5	4	4	3	4	4	4	4	5	3	3	3	2.5	4	3	3	4	3
PV107-W53 VT2PRIB	4	3	4	3	3	4	2.5	3	2.5	3	4	2.5	4	4	2	3	2.5	3	2.5	2.5
PV109-C34 VT2PRIB	2.5	3	3	4	3	4	3	2.5	2.5	3	3	4	4	4	4	3	3	3	4	2
PV110-J85 PowerCore	4	4	4	4	5	4	4	4	3	4	4	4	2	3	4	4	3	3	4	3
PV110-R67 ***NEW*** SSPRIB-RNAi	3	3	2.5	4	4	3	3	3	2.5	3	4	2.5	4	5	3	4	3	4	4	2.5
PV111-L11 Trecepta | SSRIB	3	4	3	4	3.5	3.5	3.5	3	2.5	2.5	4	3	3	4	2	3	2	3	3	2.5
PV112-M26 Trecepta	3	4	4	4	4	4	3	4	4	4	3	3	2.5	3	4	4	2.5	4	4	3
PV112-P46 Duracade-Viptera	4	4	4	4	3	3	3	3	5	4	2	3	3	2	N/A	4	3	2	N/A	4
PV113-V89 VT2PRIB	3	4	5	3.5	4	4	3	3	3	3.5	3	3	4	4	3	3	3	3	3	2.5
PV113-T87 ***NEW*** VT4PRO-RNAi	3	3	3	4	4	4	4	3	3	3	2.5	2	3	3	4	5	3	4	3	2.5
PV114-S97 ***NEW*** VT4PRO-RNAi	4	3	3	3	3	4	3	3	3	3	2	3	4	3	4	5	3	N/A	4	2.5
PV114-D44 Trecepta	4	3	3	4	4	2.5	2.5	2.5	4	3	4	3	3	4	4	3	2	4	3	2.5
PV115-D59 VT2PRIB	4	4	4	5	5	4	4	3	3	5	5	3	4	4	2	3	2	3	3	2.5
PV116-G64 SSRIB	4	4	5	4	4	3	3	3	3	3	2.5	3	3	4	5	5	3	4	3	2.5
PV116-N36 Viptera	3	5	3	4	4	4	4	4	4	5	3	3	4	3	3	4	3	2	4	4

RATING SCALE 5 = Excellent | 4 = Very Good | 3 = Good | 2.5 = Average | 2 = Fair | 1 = Poor

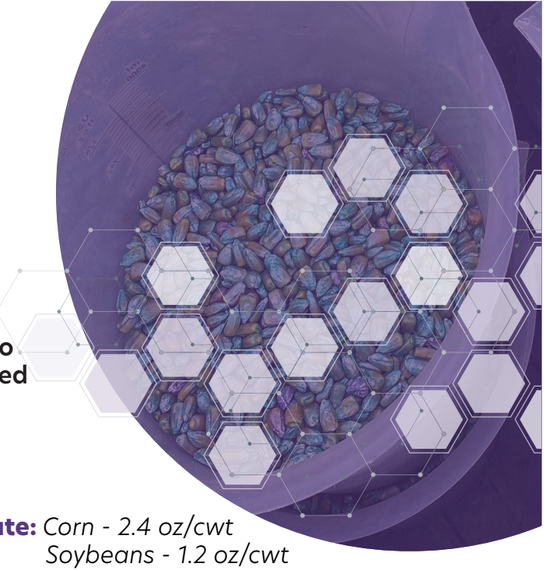
GLUFOSINATE TOLERANT (*LibertyLink®*) 2027 Praire Valley Hybrids

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SmartStax ® RIB Complete SmartStax ® with RNAI Technololgy	PowerCore ® Refuge Advanced Herculex ® I	DuracadeViptera ® Viptera ®
PV105-A21 PV110-R67 PV111-L11 ***SSRIB ONLY*** PV116-G64	PV110-J85	PV112-P46 PV116-N26

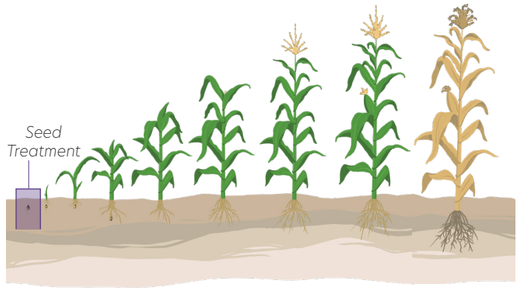
Hustle™

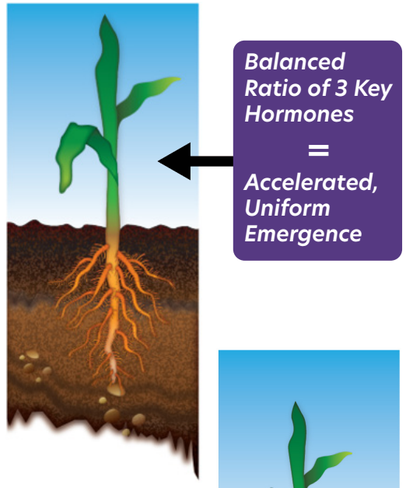
Hustle is a unique blend combining essential macro and micro nutrients and a proprietary blend of plant extracts to stimulate seed germination and to maximize early seedling growth and vigor. Hustle also includes a balanced ration of three hormones designed to work together to enhance seed germination and seedling establishment, provide stress reduction in cold soils, enhance cell elongation, and increase nutrient uptake for higher yield potentials.



Application Method:

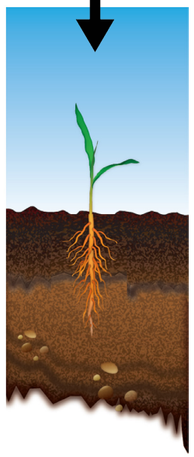
Use Rate: *Corn - 2.4 oz/cwt*
Soybeans - 1.2 oz/cwt



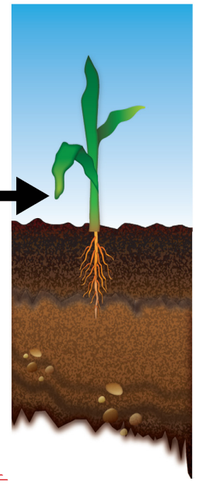


Balanced Ratio of 3 Key Hormones = Accelerated, Uniform Emergence

Unbalanced Ratio of high Auxin to Cytokinin



Unbalanced Ratio of high Cytokinin to Auxin



A R2G "Ready 2 Grow"

Why Hustle?

- Unique seed treatment offering multiple modes of action giving you a consistent emergence advantage
- Combined performance of proven components formulated into a convenient seed treatment
- Compatible with most other seed treatments and inoculants
- Every seed receives the same chemical message and same amount of food at the exact same time; producing the most even emergence possible

BIOSTIMULANT

TRAILBLAZER™

PLANTER BOX TREATMENT

CORN

ETHER™ ENZYME TECHNOLOGY



POWERED BY BIO-CAPSULE™ TECHNOLOGY INNOVATION DELIVERY SYSTEM

NUTRIENT & MICROBIAL PLANTER BOX DELIVERY SYSTEM

Trailblazer™ Corn Ether is an advanced planter box system that combines seed fluency, micronutrients and live biology in a convenient delivery system that can replace any seed fluency agent.

The patented Bio-Capsule™ Technology delivery system allows for the addition of multiple biological solutions safely packaged for convenient, live deployment at planting.

Ether Enzyme Technology kick-starts the uptake of available soil nutrients and water while maximizing microbial activity.

PRODUCT BENEFITS

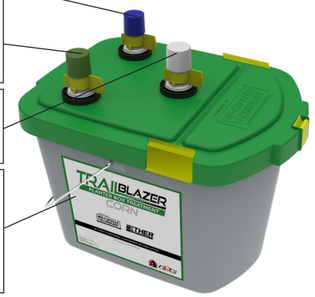
- **IonLock™ Zinc increases singulation & adheres microbes to seed coats while providing valuable early emergence nutrition**
- **Generates massive root structure**
- **Increases early-season iron, manganese and zinc uptake**
- **Puts corn plants in the position to manage season-long stressors and optimize genetic potential**
- **Increases biological activity in the soil**

BioFertility & N-Fixing Microbes

Ether Enzyme Technology
Lipase & Mannanase enzymes that boost biological activity & activates nutrient availability

Terrasym®
Proven, industry-leading biostimulant PPFM strains that generate massive root structures

Base Pail & Seed Fluency:
- 80/20 Talc/Graphite
- Active Carbon
- Mn & Fe
- 1.35 lbs IonLock Zinc
  equiv. to 1.35 qts 9% Zn EDTA



Actual product packaging may be different than this visual

GUARANTEED ANALYSIS

BASE INGREDIENTS

Iron (Fe)	0.70%
Manganese (Mn)	0.90%
Zinc (Zn)	4.00%
4.00% Water Soluble Zinc	
Derived from Iron Oxide, Manganese Oxide and Zinc Sulfate.	

ALSO CONTAINS BENEFICIAL SUBSTANCES

Tannic Acid	1.00%

BIO-CAPSULE INGREDIENTS:

Azospirillum brasilense	$5.0x10^7$ CFU/g
Azospirillum lipoferum	$5.0x10^7$ CFU/g
Azotobacter chroococcum	$5.0x10^7$ CFU/g
Azotobacter vinelandii	$5.0x10^7$ CFU/g
Bacillus amyloliquefaciens	$6.0x10^8$ CFU/g
Bacillus licheniformis	$1.2x10^9$ CFU/g
Bacillus megaterium	$1.2x10^9$ CFU/g
Bacillus pumilus	$1.2x10^9$ CFU/g
Bacillus subtilis	$6.0x10^8$ CFU/g
Trichoderma harzianum	$7.5x10^7$ CFU/g
Methylobacterium hispanicum	$1x10^9$ CFU/g
Lipase	$5.0x10^4$ µUnits/g
Mannanase	$2.5x10^9$ µUnits/g

DIRECTIONS FOR USE & RECOMMENDED USE RATE

DO NOT ACTIVATE BIO-CAPSULE UNTIL READY FOR USE. Read and follow all label directions for use on package. Once ready to plant, remove the safety clips from the Bio-Capsules. Push down on the buttons atop the pail to release the biologicals into the base. Seal the pail and shake aggressively to blend the contents. Before each application, aggressively shake contents to ensure the correct volume is applied.

The combined products (1 pail) treat 50 units of corn at 80k seeds per unit.

For single-row unit planters, use the enclosed scoop to measure out blended contents. One scoop treats 1 unit (80k seeds) corn.

PRODUCT AVAILABILITY

Sold in 2-pail cases to treat 100 units of corn. Each pail is capable of treating 50 units of corn

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Terrasym is a registered trademark of NewLeaf Symbiotics®. Revised 08/25

800-642-6795
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A R2G "Ready 2 Grow"

TRAILBLAZER
PLANTER BOX TREATMENT
CROWNCARE RW



GUARD X — CRW MANAGEMENT + ROOT REGEN

PREPHYTE ST — BROAD-SPECTRUM FUNGICIDE

POWERED BY BIO-CAPSULE TECHNOLOGY — INNOVATION DELIVERY SYSTEM

NUTRIENT & MICROBIAL PLANTER BOX DELIVERY SYSTEM

Co-packed with EPA-registered Guard X™ and Prephyte™ ST*

Trailblazer™ CrownCare RW with Guard X and Prephyte ST is an advanced planter box system that combines seed fluency, micronutrients and live biology in a convenient delivery system that can replace any seed fluency agent.

The patented Bio-Capsule™ Technology delivery system allows for the addition of multiple biological solutions safely packaged for convenient, live deployment at planting.

PRODUCT BENEFITS

- IonLock™ Zinc increases singulation & adheres microbes to seed coats while providing valuable early emergence nutrition
- Increases early-season iron, manganese and zinc uptake
- Puts corn plants in the position to manage season-long stressors and optimize genetic potential
- Guard X: repels corn rootworm (CRW) at the root & activates the plant's immune system to efficiently withstand abiotic stresses
- Prephyte ST: protection against many soil-borne diseases, free-living nematodes and abiotic stresses

Guard X
A multiple-mode-of-action indirect bioinsecticide to mitigate corn rootworm damage

Prephyte ST
Broad-spectrum, EPA-registered fungicide for prevention, control or suppression of many soil-borne diseases

Base Pail & Seed Fluency:
- 80/20 Talc/Graphite
- Mn & Fe
- 1.35 lbs IonLock Zinc
  equiv. to 1.35 qts 9% Zn EDTA



Actual product packaging may be different than this visual

GUARANTEED ANALYSIS

BASE INGREDIENTS

Iron (Fe)	0.70%
Manganese (Mn)	0.90%
Zinc (Zn)	4.00%
4.00% Water Soluble Zinc	

Derived from Iron Oxide, Manganese Oxide and Zinc Sulfate.

BIO-CAPSULE INGREDIENTS:

GUARD X BIO-CAPSULE (CO-PACK) EPA Reg. No.: 95699-2-95552

ACTIVE INGREDIENT: *Methylorubrum extorquens* strain NLS0042*	2.0%
OTHER INGREDIENTS:	98.0%
TOTAL:	100.0%

*Contains not less than X 10^9 CFU/g of product.

PREPHYTE ST BIO-CAPSULE (CO-PACK) EPA Reg. No.: 94485-5

ACTIVE INGREDIENT: *Bacillus amyloliquefaciens* strain ENV503*	0.149%
OTHER INGREDIENTS:	99.851%
TOTAL:	100.000%

*Not less than 5.9 X 10^9 Colony Forming Units (CFU) per gram of product.

DIRECTIONS FOR USE & RECOMMENDED USE RATE

DO NOT ACTIVATE BIO-CAPSULE UNTIL READY FOR USE. Read and follow all label directions for use on package. Once ready to plant, remove the safety clips from the Bio-Capsules. Push down on the buttons atop the pail to release the biologicals into the base. Seal the pail and shake aggressively to blend the contents. Before each application, aggressively shake contents to ensure the correct volume is applied.

The combined products (1 pail) treat 50 units of corn at 80k seeds per unit.

For single-row unit planters, use the enclosed scoop to measure out blended contents. One scoop treats 1 unit (80k seeds) corn.

PRODUCT AVAILABILITY

Sold in 2-pail cases to treat 100 units of corn. Each pail is capable of treating 50 units of corn

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A R2G "Ready 2 Grow"

TRAILBLAZER
PLANTER BOX TREATMENT
CROWNCARE RW+



ETHER — ENZYME TECHNOLOGY

GUARD X — CRW MANAGEMENT + ROOT REGEN

PREPHYTE ST — BROAD-SPECTRUM FUNGICIDE

POWERED BY BIO-CAPSULE TECHNOLOGY — INNOVATION DELIVERY SYSTEM

NUTRIENT & MICROBIAL PLANTER BOX DELIVERY SYSTEM

Co-packed with EPA-registered Guard X™ and Prephyte™ ST*

Trailblazer™ CrownCare RW+ Ether with Guard X and Prephyte ST is an advanced planter box system that combines seed fluency, micronutrients and live biology in a convenient delivery system that can replace any seed fluency agent.

The patented Bio-Capsule™ Technology delivery system allows for the addition of multiple biological solutions safely packaged for convenient, live deployment at planting.

Ether Enzyme Technology kick-starts the uptake of available soil nutrients and water while maximizing microbial activity.

PRODUCT BENEFITS

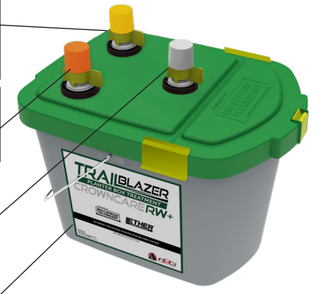
- IonLock™ Zinc increases singulation & adheres microbes to seed coats while providing valuable early emergence nutrition
- Increases early-season iron, manganese and zinc uptake
- Puts corn plants in the position to manage season-long stressors and optimize genetic potential
- Guard X: repels corn rootworm (CRW) at the root & activates the plant's immune system to efficiently withstand abiotic stresses
- Prephyte ST: protection against many soil-borne diseases, free-living nematodes and abiotic stresses

Prephyte ST
Broad-spectrum, EPA-registered fungicide for prevention, control or suppression of many soil-borne diseases

Guard X
A multiple-mode-of-action indirect bioinsecticide to mitigate corn rootworm damage

Terrasym®
Proven, industry-leading biostimulant PPFM strains that generate massive root structures

Base Pail & Seed Fluency:
- 80/20 Talc/Graphite
- Mn & Fe
- 1.35 lbs IonLock Zinc
  equiv. to 1.35 qts 9% Zn EDTA
- Active Carbon
- Ether Enzyme Technology



Actual product packaging may be different than this visual

GUARANTEED ANALYSIS

BASE INGREDIENTS

Iron (Fe)	0.70%
Manganese (Mn)	0.90%
Zinc (Zn)	4.00%
4.00% Water Soluble Zinc	

Derived from Iron Oxide, Manganese Oxide and Zinc Sulfate.

ALSO CONTAINS BENEFICIAL SUBSTANCES

Tannic Acid	1.00%
Lipase	5.0x10^4 µUnits/g
Mannanase	2.5x10^9 µUnits/g

BIO-CAPSULE INGREDIENTS:

Methylobacterium hispanicum	1x10^9 CFU/g

GUARD X BIO-CAPSULE (CO-PACK) EPA Reg. No.: 95699-2-95552

ACTIVE INGREDIENT: *Methylorubrum extorquens* strain NLS0042*	2.0%
OTHER INGREDIENTS:	98.0%
TOTAL:	100.0%

*Contains not less than X 10^9 CFU/g of product.

PREPHYTE ST BIO-CAPSULE (CO-PACK) EPA Reg. No.: 94485-5

ACTIVE INGREDIENT: *Bacillus amyloliquefaciens* strain ENV503*	0.149%
OTHER INGREDIENTS:	99.851%
TOTAL:	100.000%

*Not less than 5.9 X 10^9 Colony Forming Units (CFU) per gram of product.

DIRECTIONS FOR USE & RECOMMENDED USE RATE

DO NOT ACTIVATE BIO-CAPSULE UNTIL READY FOR USE. Read and follow all label directions for use on package. Once ready to plant, remove the safety clips from the Bio-Capsules. Push down on the buttons atop the pail to release the biologicals into the base. Seal the pail and shake aggressively to blend the contents. Before each application, aggressively shake contents to ensure the correct volume is applied.

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PRODUCT AVAILABILITY

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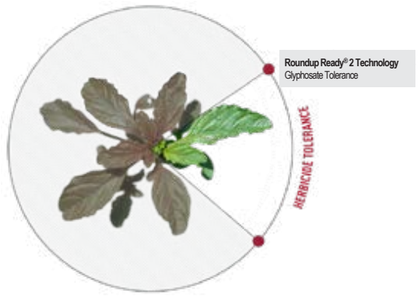
A R2G "Ready 2 Grow"

PROVEN DEFENSE AGAINST ABOVE-GROUND YIELD ROBBERS

VT Double PRO® RIB Complete® corn blend products protect yield potential and grain quality with dual modes of action proven **effective against above-ground pests,** including southwestern corn borer and European corn borer, fall armyworm, and corn earworm.

WHAT SETS VT DOUBLE PRO® RIB COMPLETE® CORN BLEND ABOVE THE REST:

- The first double-stacked corn trait with two ways to control above-ground insects
- Helps plants withstand herbicides, preventing weeds from competing for crucial nutrients and water
- Developed by the industry leader in trait technology and germplasm integration
- Plant-and-go convenience with no separate refuge required in the Corn-Growing Area



CUT DOWN ON WEEDS, NOT YIELD

Roundup Ready® 2 Technology helps the corn plant withstand glyphosate herbicide applications. This helps to prevent susceptible weeds from robbing plants of the nutrients and water they need.

EXCEPTIONAL ABOVE-GROUND PROTECTION

Two individual modes of action give corn plants the above-ground protection they need against major pests that can inflict serious crop damage.



POWERFUL PROTECTION FROM PROBLEM PESTS:

SOUTHWESTERN CORN BORER

EUROPEAN CORN BORER


CORN EARWORM


FALL ARMYWORM

For more information visit
TRAITS.BAYER.COM

COMPARE YOUR ABOVE-GROUND PROTECTION OPTIONS

CORN-GROWING AREA	VT Double PRO® RIB Complete® Corn Blend[1]	Herculex® 1	Optimum® AcreMax®[2]
PRIMARY PESTS			
European corn borer	**	*	**
Southwestern corn borer	**	*	**
Fall armyworm	**	*	*
Corn earworm[3,4]	**		
Black cutworm		*	*
HERBICIDE TECHNOLOGY	Roundup Ready® 2 Technology	Roundup Ready® Corn 2/LibertyLink®	Roundup Ready® Corn 2/LibertyLink®
REFUGE (Corn-Growing Area)	5% Refuge-in-a-Bag	20% Structured	5% Refuge-in-a-Bag
REFUGE EXAMPLES (Corn-Growing Area)			

Modes of action equal control of pest
** Dual-mode activity * Single-mode activity

[1]VT Double PRO® RIB Complete® is a corn seed blend of 95% *B.t.* seed and 5% non-*B.t.* seed.
[2]Optimum® AcreMax® is a RIB blend product.
[3]Cry1A.105 and Cry2Ab2 from B.t. controls or suppresses corn earworm.
[4]Pioneer claims suppression of corn earworm on the Optimum® AcreMax® and Herculex® 1 labels.

Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, **including applicable refuge requirements for insect resistance management,** for the biotechnology traits expressed in the seed as set forth in the Technology Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation and agreement to comply with the most recent stewardship requirements.

For more information visit
TRAITS.BAYER.COM

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. *B.t.* products may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge **except** in the Cotton-Growing Area where corn earworm is a significant pest. **See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.**

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.

Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. **Glyphosate** will kill crops that are not tolerant to glyphosate. Herculex® is a registered trademark of Dow AgroSciences LLC. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. RIB Complete®, Roundup Ready 2 Technology and Design™, Roundup Ready®, and VT Triple PRO® are trademarks of Bayer Group. All other trademarks are the property of their respective owners. ©2021 Bayer Group. All rights reserved.



CONTROL AGAINST ABOVE-GROUND INSECTS AND CLEANER EARS AT HARVEST.

WHY PLANT TRECEPTA® TECHNOLOGY

- **PROVEN PERFORMANCE**
  Built on the proven performance of VT Double PRO® Technology.
- **CLEANER EARS**
  Promotes healthy stalks and cleaner ears that can help improve grain quality.
- **BROAD-SPECTRUM CONTROL**
  Broad-spectrum control of above-ground pests, including corn borer, fall armyworm, corn earworm, black cutworm and western bean cutworm.

CUT DOWN ON WEEDS, NOT YIELD

Trecepta Technology contains Roundup Ready 2 Technology®, which allows the corn plant to withstand glyphosate herbicide applications. By reducing weed pressure, plants have access to the nutrients and water they need.

Trecepta® TECHNOLOGY

EXCEPTIONAL ABOVE-GROUND PROTECTION

Trecepta® Technology reduces yield loss by protecting your corn crop from a wide range of pests. Different modes of action give you more complete control of above-ground insects that can inflict serious crop damage.



SOUTHWESTERN CORN BORER



EUROPEAN CORN BORER



CORN EARWORM



FALL ARMYWORM



BLACK CUTWORM



WESTERN BEAN CUTWORM

Find more information that can help you maximize clean ears and yield potential at **Traits.Bayer.com/Trecepta.**

Trecepta® TECHNOLOGY

COMPARE YOUR ABOVE-GROUND PROTECTION OPTIONS

	Trecepta® Technology	VT Double PRO® Technology	Agrisure Viptera® 3110	Optimum® Leptra®
PRIMARY PESTS				
European corn borer	**	**	*	**
Southwestern corn borer	***	**	**	***
Fall armyworm	***	**	*	**
Corn earworm[1,2]	***	**	*	*
Western bean cutworm	*		*	*
Black cutworm	*		*	**
HERBICIDE TECHNOLOGY	Roundup Ready 2 Technology®	Roundup Ready 2 Technology®	Glyphosate/LibertyLink Technology®	Roundup Ready 2 Technology®/LibertyLink® Technology

Modes of action equal control of pest

*** Triple-mode activity ** Dual-mode activity * Single-mode activity

[1]Corteva Agriscience claims suppression of corn earworm with Herculex I; Syngenta claims suppression of corn earworm with Bt11.
[2]Cry1A.105 and Cry2Ab2 from *B.t.* controls or suppresses corn earworm.

Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, **including applicable refuge requirements for insect resistance management,** for the biotechnology traits expressed in the seed as set forth in the Monsanto Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.

Find more information that can help you maximize clean ears and yield potential at **Traits.Bayer.com/Compare.**

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. *B.t.* products may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

Roundup Ready Technology® contains genes that confer tolerance to glyphosate. **Roundup Ready 2 Technology®** contains genes that confer tolerance to glyphosate. **Glyphosate** will kill crops that are not tolerant to glyphosate. Insect control technology provided by **Vip3A** is utilized under license from Syngenta Crop Protection AG. Agrisure Viptera® is a registered trademark of a Syngenta group company. LibertyLink® and LibertyLink® and the Water Droplet Design® are trademarks of BASF Corporation. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. Bayer, Bayer Cross, Roundup Ready 2 Technology and Design™, Roundup Ready®, Trecepta® and VT Double PRO® are trademarks of Bayer Group. All other trademarks are the property of their respective owners. ©2023 Bayer Group. All rights reserved.



PROTECTION AGAINST CORN PESTS

SmartStax® PRO With RNAi Technology

The Strongest Biotech Defense Against Corn Rootworm Now Available

SmartStax® PRO with RNAi Technology offers the strongest biotech defense[1] against corn rootworm pressure while still providing protection against above-ground pests and tolerance to glyphosate and glufosinate herbicide applications.

SMARTSTAXPRO.COM

VT4PRO™ With RNAi Technology

The Widest Spectrum of Insect Defense From Bayer

VT4PRO™ with RNAi Technology will be the first product from Bayer to combine the three built-in modes of action in Trecepta® Technology, an elite above-ground pest package for corn, with two below-ground modes of action including RNAi Technology – the latest defense to help manage corn rootworm.

VT4PRO.COM

[1] 69 2021 & 2022 Bayer Trials in the corn belt (KS, CO, NE, IA, IL, ND, SD, OH, MN, & WI) vs Qrome® products in the 95-115 RM range with comparable trait packages.

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

VT4PRO™ with RNAi Technology corn products are expected to be commercially available for the 2024 growing season.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. ***B.t. products*** may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge **except** in the Cotton-Growing Area where corn earworm is a significant pest. **See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.**

IMPORTANT IRM INFORMATION: Certain products are sold as RIB Complete® corn blend products, and do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. Products sold without refuge in the bag (non-RIB Complete) require the planting of a structured refuge. **See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.**

Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. **Glyphosate** will kill crops that are not tolerant to glyphosate. Insect control technology provided by **Vip3A** is utilized under license from Syngenta Crop Protection AG. Herculex® is a registered trademark of Dow AgroSciences LLC. Agrisure Viptera® is a registered trademark of a Syngenta group company. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready®, SmartStax® and VT4PRO™ are trademarks of Bayer Group. ©2023 Bayer Group. All rights reserved.

LIBERTY LINK

Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, **including applicable refuge requirements for insect resistance management,** for the biotechnology traits contained in the seed, in the Bayer or Monsanto Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.

Roundup Ready 2 TECHNOLOGY



Corn Insect B.t. Trait Reference Table - Above Ground Protection

					ABOVE-GROUND					BELOW-GROUND				
	• One effective mode of action • • Two effective modes of action *Refer to the table on page 3 for information regarding efficacy against specific insect pests.*	% Refuge in Bag	Glyphosate Tolerant	Glufosinate Tolerant	VT Double PRO®	Herculex® I	YieldGard® Corn Borer	Agrisure Viptera®	Agrisure® CB	YieldGard VT Rootworm/RR2™	Herculex® RW	Agrisure® RW	Agrisure Duracade®	RNAi (No Trade Name)
BAYER CROP SCIENCE	VT Double PRO® corn		•		• •									
	VT Double PRO® RIB Complete® corn blend	5%	•		• •									
	Trecepta® corn		•		• •			•						
	Trecepta® RIB Complete® corn blend	5%	•		• •			•						
CORTEVA AGRISCIENCE	Herculex® I		•	•		•								
	Optimum® Intrasect®		•	•		•	•							
	Optimum® AcreMax®	5%	•	•		•	•							
	Optimum® Leptra®		•	•		•	•	•						
	Optimum® AcreMax® Leptra®	5%	•	•		•	•	•						
	PowerCore®		•	•	• •	•								
	PowerCore® Refuge Advanced	5%	•	•	• •	•								
SYNGENTA	Agrisure® 3010		•	•					•					
	Agrisure® 3120 E-Z Refuge®	5%	•			•			•					
	Agrisure Viptera® 3110 or 3110A		•	•				•	•					
	Agrisure Viptera® 3220 E-Z Refuge®	5%	•			•		•	•					
	Agrisure Viptera® 3220A E-Z Refuge®	5%	•			•		•	•					
	Agrisure Viptera® 3330 E-Z Refuge®	5%	•		• •			•	•					

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Corn Insect B.t. Trait Reference Table - Above and Below Ground Protection

					ABOVE-GROUND					BELOW-GROUND				
	• One effective mode of action • • Two effective modes of action *Refer to the table on page 3 for information regarding efficacy against specific insect pests.*	% Refuge in Bag	Glyphosate Tolerant	Glufosinate Tolerant	VT Double PRO®	Herculex® I	YieldGard® Corn Borer	Agrisure Viptera®	Agrisure® CB	YieldGard VT Rootworm/RR2™	Herculex® RW	Agrisure® RW	Agrisure Duracade®	RNAi (No Trade Name)
BAYER CROP SCIENCE	VT Triple PRO® corn		•		• •					•				
	VT Triple PRO® RIB Complete® corn blend	10%	•		• •					•				
	SmartStax® corn		•	•	• •	•				•	•			
	SmartStax® RIB Complete® corn blend	5%	•	•	• •	•				•	•			
	SmartStax® PRO corn blend		•	•	• •	•				•	•			•
	SmartStax® PRO RIB Complete brand blend	5%	•	•	• •	•				•	•			•
CORTEVA AGRISCIENCE	Optimum® Intrasect® XTreme		•	•		•	•				•	•		
	Optimum® AcreMax® XTreme	5%	•	•		•	•				•	•		
	Qrome®*	5%	•	•		•	•				•	•		
	SmartStax®		•	•	• •	•				•	•			
	SmartStax® Refuge Advanced	5%	•	•	• •	•				•	•			
	Herculex® XTRA		•	•		•					•			
	Optimum® TRIsect®		•	•		•						•		
	Optimum® Intrasect® Xtra		•	•		•	•				•			
	Optimum® AcreMax® Xtra	10%	•	•		•	•				•			
	Optimum® Intrasect® TRIsect®		•	•		•	•					•		
	Optimum® AcreMax® TRIsect®	10%	•	•		•	•					•		
SYNGENTA	Agrisure® 3000 GT		•	•					•			•		
	Agrisure® 3122 E-Z Refuge®	5%	•			•			•		•	•		
	Agrisure Viptera® 3111 or 3111A		•	•				•	•			•		
	Agrisure Duracade® 5122 E-Z Refuge®	5%	•			•			•			•	•	
	Agrisure Duracade® 5122A E-Z Refuge®	5%	•			•			•			•	•	
	Agrisure Duracade® 5222 E-Z Refuge®	5%	•			•		•	•			•	•	
	Agrisure Duracade® 5222A E-Z Refuge®	5%	•			•		•	•			•	•	

*Qrome contains event DP4114 which is a molecular stack of the insect protection genes in Herculex® I and Herculex® RW.

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Corn Insect B.t. Trait Reference Table

	ABOVE-GROUND					BELOW-GROUND				
	VT Double PRO® corn	Herculex® I	YieldGard® Corn Borer	Agrisure Viptera®	Agrisure® CB	YieldGard VT Rootworm/RR2™	Herculex® RW	Agrisure® RW	Agrisure Duracade®	RNAi (No Trade Name)
European corn borer	**	*	*		*					
Southwestern corn borer	**	*	*	*	*					
Fall armyworm	**	*		*						
Corn earworm[1,2]	**			*						
Western bean cutworm				*						
Black cutworm		*		*						
Western corn rootworm						*	*	*	*	*
Northern corn rootworm						*	*	*	*	*
Mexican corn rootworm						*	*	*	*	*

**Dual-mode activity *Single-mode activity Mode of action equals control of pest.

[1]Pioneer claims suppression of corn earworm with Herculex I® technology. Syngenta claims suppression of corn earworm with Bt11.

[2]Cry1A.105 and Cry2Ab2 from *B.t.* controls or suppresses corn earworm.

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SmartStax® PRO corn products will be commercially available for the 2022 growing season.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. B.t. products may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

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.

Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Glyphosate will kill crops that are not tolerant to glyphosate. Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. Herculex® is a registered trademark of Dow AgroSciences LLC. Agrisure Viptera® is a registered trademark of a Syngenta group company. LibertyLink® and the Water Droplet Design® is a trademark of BASF Corporation. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. Bayer, Bayer Cross, RIB Complete®, Roundup Ready 2 Technology and Design™, Roundup Ready®, SmartStax®, Trecepta®, VT Double PRO® and VT Triple PRO® are trademarks of Bayer Group. All other trademarks are the property of their respective owners. ©2021 Bayer Group. All rights reserved. 1014_S1

Insect Resistance Management — Planting Refuges, Preserving Technology

Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, **including applicable refuge requirements for insect resistance management,** for the biotechnology traits expressed in the seed as set forth in the Monsanto Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.

LIBERTY LINK®

RESPECT THE REFUGE

Roundup Ready 2 TECHNOLOGY

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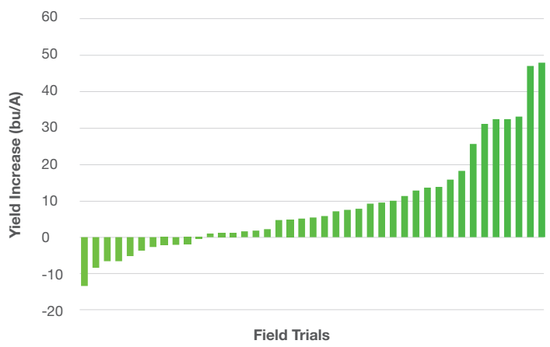
Seedcare®

syngenta®

Top-Performing Seed Treatments to Protect Your Corn Genetics

For the ultimate early-season protection against *Pythium*, *Fusarium* and *Rhizoctonia*, you need overlapping modes of action offered by CruiserMaxx® Vibrance® Corn, Vayantis® and Trebuset® seed treatments. This package guards more potential genetic yield, so cornfields have the best defense against early-season diseases and insects.

Corn Yield Increase from the Syngenta Package vs Acceleron® Standard in Inoculated *Fusarium* & *Pythium* Trials



Trials using the Syngenta seed treatment package increased average yield by 9 bu/A with a win rate of 73% compared to the Acceleron Standard package

CruiserMaxx® Vibrance® Corn

Vayantis®

Trebuset®

Source: Syngenta field trials; 2022-2024; n=41; IL, IN, IA, KS, NE, MN, OH, MI. Syngenta package: CruiserMaxx Vibrance Corn + Vayantis + Trebuset® seed treatments.

Vayantis®

Stronger Plant Stand with Vayantis

Vayantis provides:

- A unique MOA that overcomes *Pythium* resistance found in metalaxyl- and ethaboxam-based solutions
- Protection from 40+ *Pythium* species tested in over 500 isolates
- The most robust *Pythium* protection ever, compared to existing oomycete protection molecules
- Strong emergence and plant stand uniformity that help your genetics look their best

In a trial with the same number of seeds and growing conditions, Vayantis delivered stronger, more robust and more uniform plants relative to ethaboxam and the untreated check.



Syngenta trials at The Seedcare Institute. NK9813-3000GT Brand. 1 inoculated with *Pythium ultimum* (16-438), 21 days after planting; Stanton, MN; 2021.

Trebuset®

Trebuset Boosts Your Genetics

When added to the base package, Trebuset helps further protect your seed investment by:

- Bringing an additional MOA to deliver greater *Fusarium* protection
- Enhancing plant performance with ADEPIDYN® technology through visibly healthier, greener plants, resulting in a more robust, uniform plant stand establishment
- Enabling greater movement into the seed coat for better seedborne disease protection and staying power to protect the developing corn plant while maximizing yield potential

A Better Seed Treatment Package for Stands That Deliver

The Syngenta seed treatment package helps deliver the best start possible for corn. This groundbreaking portfolio is rooted in a commitment to a robust R&D pipeline that delivers better formulations and applications, allowing you to have the confidence to know your genetics are protected by the best.With the consistent value and ROI potential of a high-performance seed treatment package and protection from a broad spectrum of early-season pests, growers can breathe easier knowing they're setting their crop up for stands that deliver to their bottom line.

IMPROVED EMERGENCE RATES | **MORE VIGOR** | **UNIFORM PLANT STANDS** | **HEALTHIER ROOT MASS** = **FIRST-RATE PROTECTION FOR SEED INVESTMENT AND ROI**

Reinforce Your Corn Seed Treatment Package

Trade Name	*Pythium*	*Rhizoctonia*	*Fusarium*	Visual Vigor Rating
CruiserMaxx Vibrance Corn + Vayantis	+++	+++	+++	+++
Acceleron Standard package	++	++	++	None
Acceleron Elite package	++	++	+++	None

+++ Excellent
++ Good

Metalaxyl rate in Acceleron (2g/100kg of seed) corresponds to one-half of effective mefenoxam rate in the Syngenta seed treatment, since mefenoxam has approximately twice the concentration of the active isomer compared to metalaxyl. Note: Efficacy is based on Syngenta studies using the labeled rate of active ingredients. Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations.

For more information about Syngenta corn seed treatments, contact your Syngenta representative.

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Product performance assumes disease presence. Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations. Trials reflect treatment rates and mixing partners commonly recommended in the marketplace.

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GS 11374_1_1

SLC 18810A 06-2025

Corn Offerings

ACCELERON® SEED APPLIED SOLUTIONS BASIC

FUNGICIDES
Two modes of action providing enhanced protection against soilborne and seedborne diseases, including *Fusarium*, *Rhizoctonia solani* and *Pythium*.

INSECTICIDES [1]
Controls over 15 corn insect pests and protects against damage from early season pests, such as wireworm, seedcorn maggot, white grub, grape colaspis and black cutworm. Standard insecticide rate of 0.50 mg a.i./seed for products containing Clothianidin.

NEMATICIDES [1]
Protection against damage from a wide range of nematode species. Refer to your 2024 seed price card for availability and pricing.

BIO-ENHANCERS
+ BioRise® Corn Offering [2]

Designed to increase functional root volume, as well as water and nutrient uptake through enhanced mycorrhizal colonization.

ACCELERON® SEED APPLIED SOLUTIONS ELITE

FUNGICIDES
Protection against soilborne and seedborne diseases, including *Fusarium, Rhizoctonia solani* and *Pythium*.

+ ENHANCED DISEASE CONTROL OFFERING
Offers a 3.7 bu/A advantage on average[3] with enhanced early- to mid-season disease control due to the reduction of infections caused by *Fusarium, Rhizoctonia solani* and *Colletotrichum graminicola*.

INSECTICIDES [1]
Controls over 15 corn insect pests and protects against damage from early season pests, such as wireworm, seedcorn maggot, white grub, grape colaspis and black cutworm. Standard insecticide rate of 0.50 mg a.i./seed for products containing Clothianidin.

NEW MY24 ACCELERON N-314 SEED TREATMENT NEMATICIDE OFFERING
on VT4PRO™ with RNAi Technology and SmartStax® PRO with RNAi Technology

NEMATICIDES [1]
Protection against damage from a wide range of nematode species. Refer to your 2024 seed price card for availability and pricing.

BIO-ENHANCERS
+ BioRise® Corn Offering [2]

Designed to increase functional root volume, as well as water and nutrient uptake through enhanced mycorrhizal colonization.

[1] Insecticide and nematicide offerings will vary by trait and class. Refer to price card, bag tag or bag flap for details. Clothianidin at the 1.25 mg a.i./seed rate available on select products.

[2] Class of 2016 and newer base genetics are treated with BioRise® 360 ST.

[3] Results from seven years of internal trials comparing hybrids treated with and without Enhanced Disease Control Offering + Poncho® Votivo® Seed Treatment. N=598.

Corn Offerings

Corn Benefits

- Comprehensive fungicide package that will provide optimal protection against major yield robbing early season diseases
- Insecticide that is specially formulated to control secondary pests such as wireworm, white grub and other detrimental insects
- New dual MOA nematicide that will protect and systematically control nematodes from robbing your yield
- Poncho® Votivo® and B-360 biological enhances root growth and nutrient and water uptake efficiency to provide the plant with the optimum opportunity for plant health

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VT4PRO™ with RNAi Technology corn products are expected to be commercially available for the 2024 growing season.
ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. FOR CORN, EACH ACCELERON® SEED APPLIED SOLUTIONS OFFERING is a combination of separate individually registered products containing the active ingredients: BASIC plus Poncho®/VOTIVO® Offering for corn: metalaxyl, ethaboxam, prothioconazole, fluoxastrobin, clothianidin, Bacillus firmus I-1582. ELITE plus Poncho®/VOTIVO® Offering for corn: metalaxyl, ethaboxam, clothianidin, and Bacillus firmus I-1582; prothioconazole and fluoxastrobin at rates that suppress additional diseases. BASIC Offering for corn: metalaxyl, prothioconazole, fluoxastrobin, ethaboxam, and clothianidin. ELITE Offering for corn: metalaxyl, ethaboxam, and clothianidin; and prothioconazole and fluoxastrobin at rates that suppress additional diseases. BioRise® Corn Offering is the on-seed application of BioRise® 360 ST. BioRise® Corn Offering is included seamlessly across offerings on all class of 2017 and newer products.
The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited. Not all products are approved in all states.
BioRise® Corn Offering is the on-seed application of BioRise® 360 ST.
IMPORTANT IRM INFORMATION: Certain products are sold as RIB Complete® corn blend products, and do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. Products sold without refuge in the bag (non-RIB Complete) require the planting of a structured refuge. See the IRM Grower Guide for additional information. Always read and follow IRM requirements.
Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Glyphosate will kill crops that are not tolerant to glyphosate. Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. Herculex® is a registered trademark of Dow AgroSciences LLC. Agrisure Viptera® is a registered trademark of a Syngenta group company. LibertyLink logo® , LibertyLink®, Poncho®, Poncho®/Votivo® and Votivo® are trademarks of BASF Corporation. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. Acceleron®, BioRise®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready®, SmartStax® and VT4PRO™ are trademarks of Bayer Group. ©2023 Bayer Group. All rights reserved.

Enlist™ weed control system

Economical weed control
– enhancing corn trait technology

Enlist® corn provides robust tolerance to 2,4-D choline in Enlist® herbicides, as well as glyphosate and FOP herbicides, providing more weed control options to give farmers more flexibility and choice in their field management.

Enlist® CORN

Hybrids tolerant to:			
2,4-D choline	Glyphosate	Glufosinate	FOP herbicides

Insect protection from PowerCore® or Vorceed™ trait technology

Additional benefits to the Enlist™ System

- Wider application window: no larger than V8 growth stage or 30"
- Low volatility
- Whole farm convenience

LIBERTY LINK®

Product responses can vary by location, pest population, environmental conditions, and agricultural practices. Please contact your Corteva Agriscience sales professional for information and suggestions specific to your operation. Individual results may vary. Various factors, including pest pressure, reduced susceptibility, and insect resistance in some pest populations may affect efficacy of certain corn technology products in some regions. To help extend durability of these technologies, Corteva Agriscience recommends you implement Integrated Pest Management (IPM) practices such as crop rotation, cultural and biological control tactics (including rotating sources of Bt-protected corn traits), pest scouting, and appropriate use of pest thresholds when employing management practices such as insecticide application. You must also plant the required refuge when using these technologies. Please contact your sales professional or consult with your local university extension for more information regarding insect resistance management guidelines, best management practices and to understand whether there has been a shift in susceptibility or insect resistance with certain pests documented in your area.

™® Trademarks of Corteva Agriscience and its affiliated companies. 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® 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. B.t. products may not yet be registered in all states. Check with your seed representative for the registration status in your state.

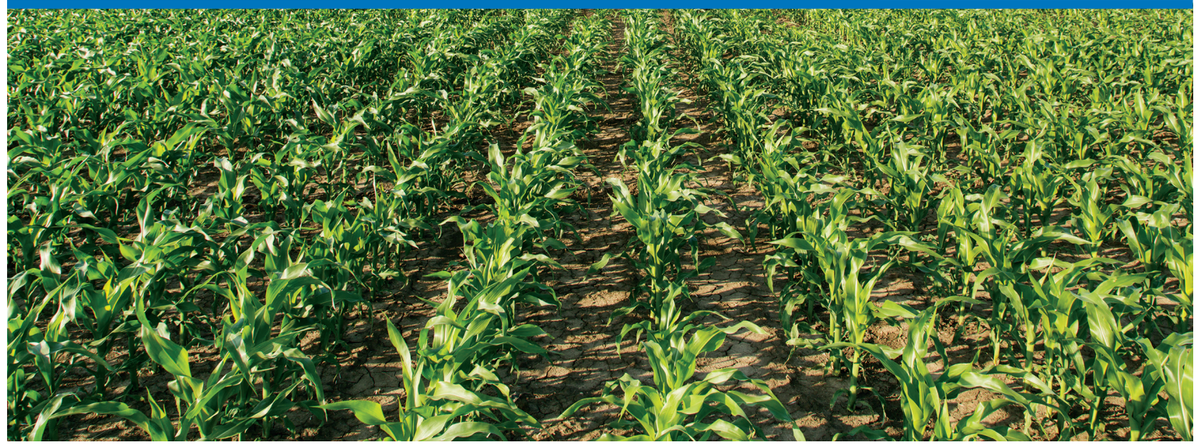
The PowerCore® Enlist® Refuged Advanced® trait is not yet available for sale or distribution in the U.S.; limited quantities available in Canada for 2023.

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POWERCORE® ENLIST® CORN

CORTEVA™ agriscience



POWERCORE® Enlist®

FLEXIBILITY
HAS NEVER LOOKED SO STRONG

Product overview

- An advanced combination of high-yielding genetics, unsurpassed flexibility and protection against above-ground pests
- Stacked with the Enlist® corn trait for multiple modes of action against tough weeds

Farmer benefits

- Long-lasting insect control against key above-ground susceptible insects.
- Herbicide flexibility with tolerance to 2,4-D choline in Enlist® herbicides, glyphosate, glufosinate and FOP herbicides
- Enlist® weed control system provides a whole-farm, neighbor-friendly solution across corn, soybean and cotton acres

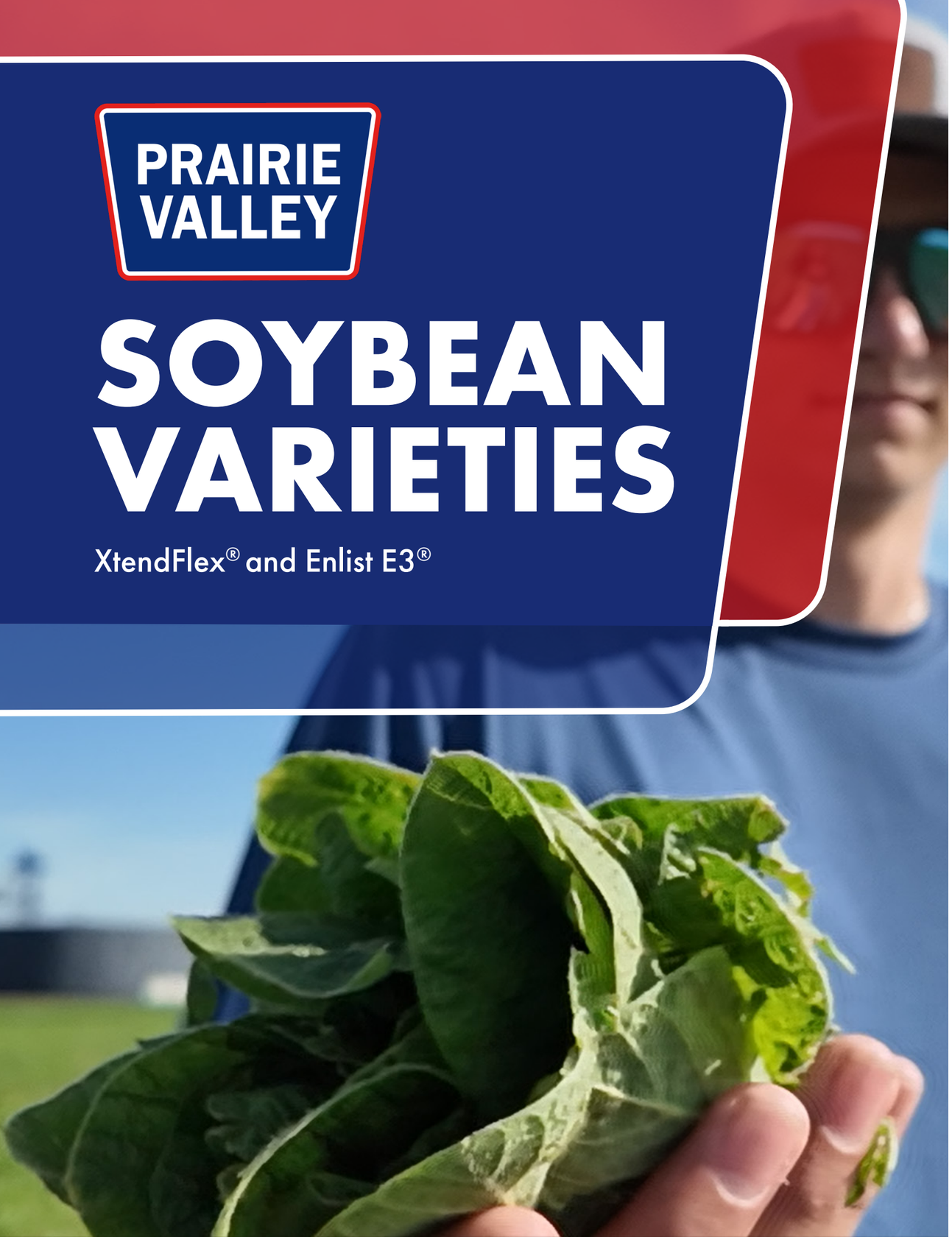
How does PowerCore® trait technology stack up?

Primary Pest Controlled	PowerCore® Enlist® corn	VT Double PRO® corn
Black cutworm	✓	NONE
European corn borer	✓✓✓	✓✓
Fall armyworm	✓✓✓	✓✓
Southwestern corn borer	✓✓✓	✓✓

3 modes of action

Checkmarks represent number of modes of action for control over specified pest.

* PowerCore Enlist corn requires a 5% refuge in the Corn Belt and a 20% refuge in cotton-growing areas.



PRAIRIE VALLEY

SOYBEAN VARIETIES

XtendFlex® and Enlist E3®

PRAIRIE VALLEY

QUICK LOOK

MATURITY: 2.2

PV2224XF

A medium to medium-tall, branching soybean with outstanding yield potential west to east, above-average standability and PRR field tolerance, IDC excluder rating of 5, and best placed away from fields with historic high white mold or SDS pressure.

PLACEMENT RECOMMENDATION
Seed Region

SEE MORE ON PG #49

NEW MATURITY: 2.6

PV2627XF

A shorter-statured soybean with excellent standability, well-suited for irrigated, higher-yielding acres, and equipped with an Rps1k3a PRR gene stack to better handle poorer-drained soils.

PLACEMENT RECOMMENDATION
Seed Region

SEE MORE ON PG #50

MATURITY: 2.7

PV2723XF/SR

A medium-tall soybean with above-average standability, Rps1c-driven PRR tolerance plus good white mold tolerance, a chloride-excluder fit for high pH soils, but best managed carefully on historically high SDS fields.

PLACEMENT RECOMMENDATION
Seed Region

SEE MORE ON PG #51

MATURITY: 2.9

PV2925XF

This medium-height product delivered 105% of all checks in the 2023–2025 Prairie Valley footprint, offers good agronomics, and performs consistently across all productivity levels.

PLACEMENT RECOMMENDATION
Seed Region

SEE MORE ON PG #52

MATURITY: 3.4

PV3422XF

A medium-tall product with excellent emergence, very good standability, and a strong agronomic package that performs in both narrow and wide rows, making it an excellent fit for high pH fields.

PLACEMENT RECOMMENDATION
Seed Region

SEE MORE ON PG #53

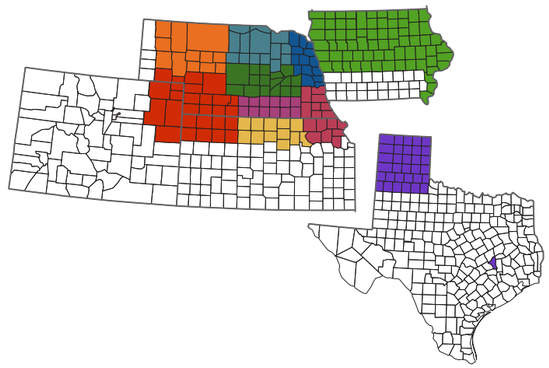
MATURITY: 3.9

PV3920XF/SR

A solid, agronomically strong soybean with an excellent disease package and SR tolerance, suited for both dryland and irrigated acres in Kansas, but best managed carefully on high pH or historically high SDS pressure fields.

PLACEMENT RECOMMENDATION
Seed Region

SEE MORE ON PG #54



REGION KEY

- Whitetail
- Platte Valley
- Niobrara
- Cattlemen
- Chimney Rock
- Homestead
- River Front
- Sunflower
- Iowa
- Texas

QUICK LOOK

NEW **MATURITY: 4.0**

PV3927XF

A medium-tall, medium-bush soybean with good standability and test-leading yield for a late 3/early 4 RM, but managed as a chloride includer with below-average PRR field tolerance.

PLACEMENT RECOMMENDATION
Seed Region

SEE MORE ON PG #55

MATURITY: 4.0

PV4024XF/SR

A tall, high-pod-load soybean with great phenotypic scores and above-average SDS tolerance, showing strong performance in Kansas, southern Nebraska, and southern Iowa.

PLACEMENT RECOMMENDATION
Seed Region

SEE MORE ON PG #56

NEW **MATURITY: 2.4**

PV2426E3

A medium-tall soybean with a good plant style, strong disease package for SDS, white mold, and northern stem canker, and great emergence across all soil types and yield environments.

PLACEMENT RECOMMENDATION
Seed Region

SEE MORE ON PG #57

MATURITY: 2.9

PV2926E3

A variety with exceptional plant health for SDS, white mold, and PRP, above-average stress tolerance that fits dryland acres, and a plant type that responds well to higher-management practices.

PLACEMENT RECOMMENDATION
Seed Region

SEE MORE ON PG #58

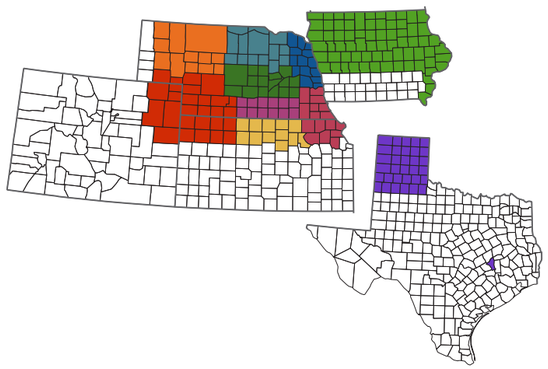
MATURITY: 3.0

PV3024E3

A medium-tall Enlist soybean with good standability, excellent PRR field, SDS, and white mold tolerance, and a yield leader in the 3.0 maturity group.

PLACEMENT RECOMMENDATION
Seed Region

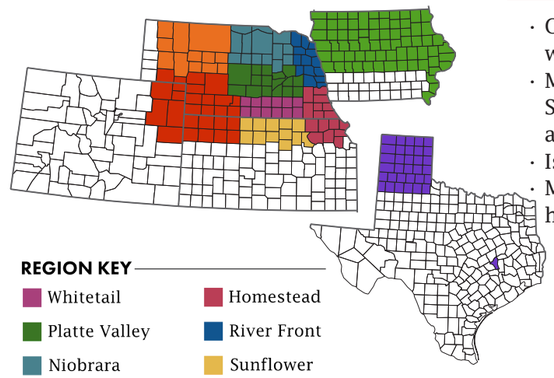
SEE MORE ON PG #59



REGION KEY

- Whitetail
- Platte Valley
- Niobrara
- Cattlemen
- Chimney Rock
- Homestead
- River Front
- Sunflower
- Iowa
- Texas

PV2224XF



REGION KEY

- Whitetail
- Platte Valley
- Niobrara
- Cattlemen
- Chimney Rock
- Homestead
- River Front
- Sunflower
- Iowa
- Texas

VARIETY HIGHLIGHTS

- Outstanding yield potential across product segments west to east
- Medium to medium-tall variety that will branch. Standability and PRR field tolerance are both above average
- Is an excluder with IDC rating of 5
- Manage placement around historic white mold or SDS high pressure fields

PLACEMENT RECOMMENDATION

Seed Region

DISEASE & PEST RESISTANCE

Brown Stem Rot	R
PRR Resistance	S
PRR Field Tolerance	
Soybean Cyst Nematode	R
Southern Stem Canker	N/A
Sudden Death Syndrome	
White Mold	

Rating Scale
5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

VARIETY AGRONOMICS

Maturity	2.2
Emergence	
Plant Height	Medium
Plant Type	Medium Bush 2.0
Growth Habit	Indeterminate
Standability	
Iron Deficiency Chlorosis	
No-till Adaptability	
Narrow Row	
Chloride Sensitivity	Excluder
Flower Color	Purple
Pubescence Color	Light
Hilum Color	Black
Pod Color	Tan
Oil Content @ 13%	N/A
Protein Content @ 13%	N/A

HERBICIDE SENSITIVITY

Metribuzin Sensitivity	N/A
PPO Sensitivity	Caution

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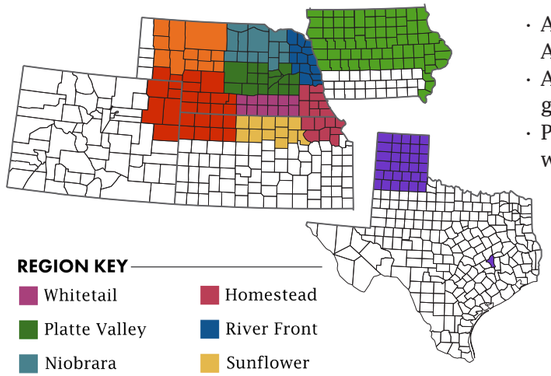
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PRAIRIE VALLEY PV2627XF NEW

XTENDFLEX SOYBEANS



REGION KEY

- Whitetail
- Platte Valley
- Niobrara
- Cattlemen
- Chimney Rock
- Homestead
- River Front
- Sunflower
- Iowa
- Texas

VARIETY HIGHLIGHTS

- A shorter statured soybean with excellent standability; A good fit for irrigated acres.
- Able to handle poorer drained soils with a Rps1k3a PRR gene stack.
- Performance excels in higher-yielding environments where top-end yields are expected

PLACEMENT RECOMMENDATION

Seed Region

VARIETY AGRONOMICS

Maturity	2.6
Emergence	
Plant Height	Medium
Plant Type	Medium Bush
Growth Habit	Indeterminate
Standability	
Iron Deficiency Chlorosis	N/A
No-till Adaptability	
Narrow Row	
Chloride Sensitivity	Inc
Flower Color	Purple
Pubescence Color	Gray
Hilum Color	Imperfect Black
Pod Color	Tan
Oil Content @ 13%	22.4
Protein Content @ 13%	38.4

DISEASE & PEST RESISTANCE

Brown Stem Rot	R
PRR Resistance	Rps1k3a
PRR Field Tolerance	
Soybean Cyst Nematode	R
Southern Stem Canker	N/A
Sudden Death Syndrome	N/A
White Mold	

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

HERBICIDE SENSITIVITY

Metribuzin Sensitivity	Acceptable
PPO Sensitivity	Sensitive

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Roundup Ready 2 YIELD® TECHNOLOGY

LIBERTY LINK®

regulatory agency with any questions

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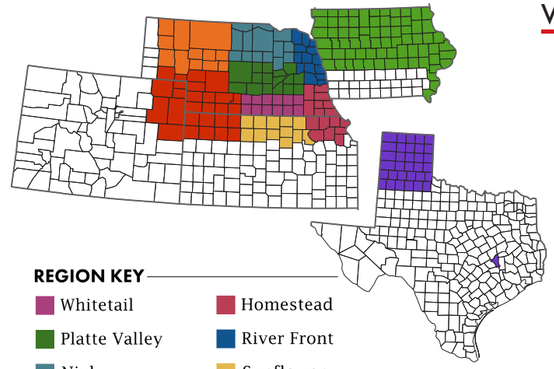
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PRAIRIE VALLEY PV2723XF/SR

XTENDFLEX SOYBEANS



REGION KEY

- Whitetail
- Platte Valley
- Niobrara
- Cattlemen
- Chimney Rock
- Homestead
- River Front
- Sunflower
- Iowa
- Texas

VARIETY HIGHLIGHTS

- Medium-tall variety with above average standability
- Rps1c variety with very good PRR field tolerance and white mold tolerance
- Chloride excluder
- Manage on historically high SDS fields
- Good on high pH soils

PLACEMENT RECOMMENDATION

Seed Region

VARIETY AGRONOMICS

Maturity	2.7
Emergence	
Plant Height	Medium Tall
Plant Type	Medium Bush 2.0
Growth Habit	Indeterminate
Standability	
Iron Deficiency Chlorosis	
No-till Adaptability	
Narrow Row	
Chloride Sensitivity	Excluder
Flower Color	Purple
Pubescence Color	Gray
Hilum Color	Gray
Pod Color	Tan
Oil Content @ 13%	N/A
Protein Content @ 13%	N/A

DISEASE & PEST RESISTANCE

Brown Stem Rot	R
PRR Resistance	Rps1c
PRR Field Tolerance	
Soybean Cyst Nematode	R
Southern Stem Canker	N/A
Sudden Death Syndrome	
White Mold	

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

HERBICIDE SENSITIVITY

Metribuzin Sensitivity	Acceptable
PPO Sensitivity	Acceptable

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Roundup Ready 2 YIELD® TECHNOLOGY

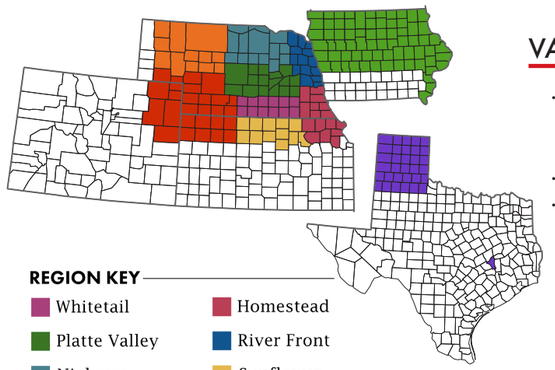
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PRAIRIE VALLEY PV2925XF

XTENDFLEX SOYBEANS



VARIETY HIGHLIGHTS

- Strong performance for the last three years in Prairie Valley Footprint with 105% of all checks
- Medium height with good agronomics
- Performs across all productivity levels

PLACEMENT RECOMMENDATION

Seed Region

VARIETY AGRONOMICS

Maturity	2.9
Emergence	
Plant Height	Medium
Plant Type	Medium Bush
Growth Habit	Indeterminate
Standability	
Iron Deficiency Chlorosis	
No-till Adaptability	
Narrow Row	
Chloride Sensitivity	N/A
Flower Color	White
Pubescence Color	Light Tawny
Hilum Color	Black
Pod Color	Brown
Oil Content @ 13%	N/A
Protein Content @ 13%	N/A

DISEASE & PEST RESISTANCE

Brown Stem Rot	
PRR Resistance	Rps1c
PRR Field Tolerance	
Soybean Cyst Nematode	R-MR3
Southern Stem Canker	N/A
Sudden Death Syndrome	
White Mold	

Rating Scale

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HERBICIDE SENSITIVITY

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PPO Sensitivity	Acceptable

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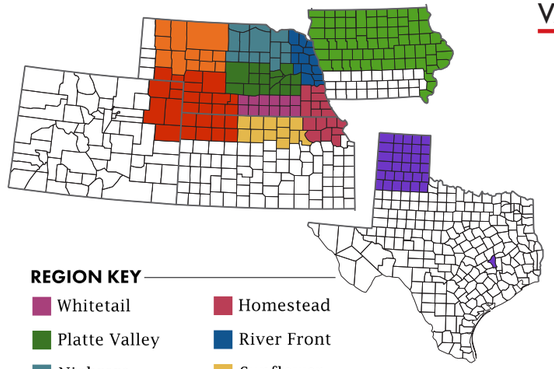
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PRAIRIE VALLEY PV3422XF

XTENDFLEX SOYBEANS



VARIETY HIGHLIGHTS

- Excellent emergence and very good standability with a medium tall plant height
- Very strong agronomic package
- Works in narrow and wide rows
- Excellent choice on high pH fields

PLACEMENT RECOMMENDATION

Seed Region

VARIETY AGRONOMICS

Maturity	3.4
Emergence	
Plant Height	Medium Tall
Plant Type	Medium Bush 2.0
Growth Habit	Indeterminate
Standability	
Iron Deficiency Chlorosis	
No-till Adaptability	
Narrow Row	
Chloride Sensitivity	Includer
Flower Color	Purple
Pubescence Color	Gray
Hilum Color	Imperfect Black
Pod Color	Brown
Oil Content @ 13%	21.4
Protein Content @ 13%	39.2

DISEASE & PEST RESISTANCE

Brown Stem Rot	R
PRR Resistance	Rps1c
PRR Field Tolerance	
Soybean Cyst Nematode	R
Southern Stem Canker	R
Sudden Death Syndrome	
White Mold	

Rating Scale

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HERBICIDE SENSITIVITY

Metribuzin Sensitivity	Acceptable
PPO Sensitivity	Sensitive

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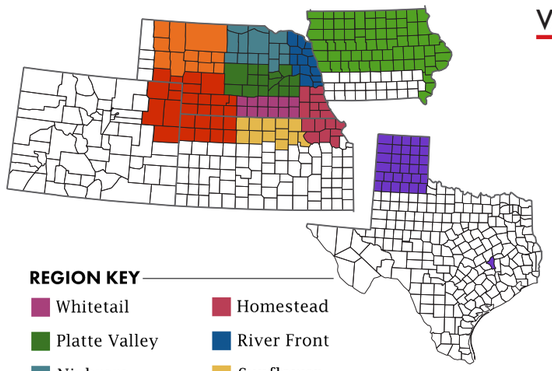
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PRAIRIE VALLEY PV3920XF/SR

XTENDFLEX SOYBEANS



VARIETY HIGHLIGHTS

- Excellent disease package and solid agronomically
- SR tolerant
- Dryland and irrigated option in Kansas
- Manage placement on high pH or historically high SDS pressure fields

PLACEMENT RECOMMENDATION

Seed Region

VARIETY AGRONOMICS

Maturity	3.9
Emergence	
Plant Height	Tall
Plant Type	Medium Bush 2.0
Growth Habit	Indeterminate
Standability	
Iron Deficiency Chlorosis	
No-till Adaptability	
Narrow Row	
Chloride Sensitivity	Includer
Flower Color	Purple
Pubescence Color	Gray
Hilum Color	Imperfect Black
Pod Color	Tan
Oil Content @ 13%	N/A
Protein Content @ 13%	N/A

DISEASE & PEST RESISTANCE

Brown Stem Rot	N/A
PRR Resistance	Rps1c
PRR Field Tolerance	
Soybean Cyst Nematode	R
Southern Stem Canker	R
Sudden Death Syndrome	
White Mold	

Rating Scale

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HERBICIDE SENSITIVITY

Metribuzin Sensitivity	Caution
PPO Sensitivity	Sensitive

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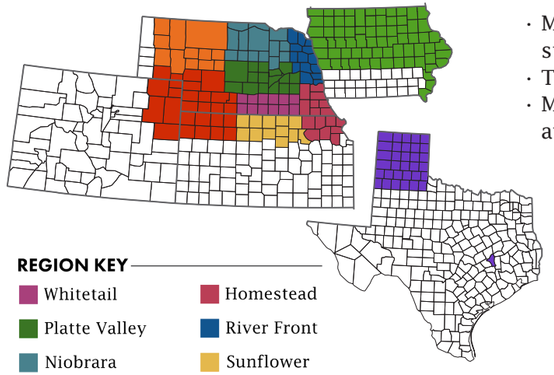
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PRAIRIE VALLEY PV3927XF NEW

XTENDFLEX SOYBEANS

VARIETY HIGHLIGHTS

- Medium tall height, medium bush plant type with good standability
- Test leading yield at this late 3/early 4 RM
- Management: chloride includer & PRR FLD Tol. below average



PLACEMENT RECOMMENDATION

Seed Region

VARIETY AGRONOMICS

Maturity	4.0
Emergence	
Plant Height	Medium-Tall
Plant Type	Medium Bush
Growth Habit	Indeterminate
Standability	
Iron Deficiency Chlorosis	
No-till Adaptability	
Narrow Row	
Chloride Sensitivity	Inc
Flower Color	White
Pubescence Color	Light Tawny
Hilum Color	Brown
Pod Color	Tan
Oil Content @ 13%	21.9
Protein Content @ 13%	38.4

DISEASE & PEST RESISTANCE

Brown Stem Rot	N/A
PRR Resistance	Rps1c
PRR Field Tolerance	
Soybean Cyst Nematode	R
Southern Stem Canker	R
Sudden Death Syndrome	
White Mold	N/A

Rating Scale

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HERBICIDE SENSITIVITY

Metribuzin Sensitivity	Sensitive
PPO Sensitivity	Sensitive

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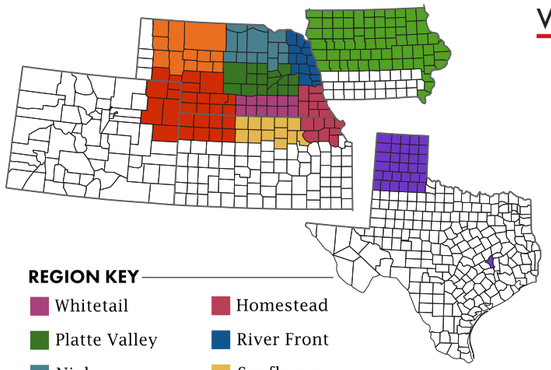
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PRAIRIE VALLEY PV4024XF/SR

XTENDFLEX SOYBEANS



VARIETY HIGHLIGHTS

- Strong performance in Kansas, southern Nebraska, and Southern Iowa
- Tall plant type with solid pod load up and down the plant
- Great phenotypic scores
- Above average SDS tolerance

PLACEMENT RECOMMENDATION

Seed Region

DISEASE & PEST RESISTANCE

Brown Stem Rot	N/A
PRR Resistance	Rps1c
PRR Field Tolerance	
Soybean Cyst Nematode	R
Southern Stem Canker	R
Sudden Death Syndrome	
White Mold	

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

VARIETY AGRONOMICS

Maturity	4.0
Emergence	
Plant Height	Medium-Tall
Plant Type	Medium Bush 2.0
Growth Habit	Indeterminate
Standability	
Iron Deficiency Chlorosis	
No-till Adaptability	
Narrow Row	
Chloride Sensitivity	Excluder
Flower Color	Purple
Pubescence Color	Gray
Hilum Color	Imperfect Black
Pod Color	Brown
Oil Content @ 13%	22.19
Protein Content @ 13%	39.42

HERBICIDE SENSITIVITY

Metribuzin Sensitivity	Acceptable
PPO Sensitivity	Sensitive

No dicamba may be used in-crop with seed with Roundup Ready® Xtend Technology, unless and until approved or specifically permitted, and no dicamba formulations are currently registered for such use in the 2025 season. Please follow https://www.roundupreadyxtend.com/pages/xtendimax-updates.aspx for status updates.

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

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. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. 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 Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

Roundup Ready 2 YIELD® TECHNOLOGY

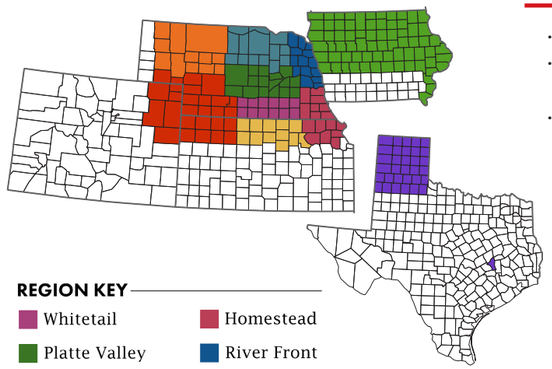
LIBERTY LINK®

Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

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PRAIRIE VALLEY PV2426E3 NEW

Enlist E3 SOYBEANS



VARIETY HIGHLIGHTS

- Good plant style with Medium-Tall plant height
- Good disease package for SDS, White Mold, and Northern Stem Canker
- Great emergence across all soil types and yield environments

PLACEMENT RECOMMENDATION

Seed Region

DISEASE & PEST RESISTANCE

Brown Stem Rot	R
PRR Resistance	Rps1k
PRR Field Tolerance	
Soybean Cyst Nematode	Pi 88.788
Southern Stem Canker	R
Sudden Death Syndrome	
White Mold	

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

VARIETY AGRONOMICS

Maturity	2.4
Emergence	
Plant Height	Medium+
Plant Type	Medium Bush 2.0
Growth Habit	Indeterminate
Standability	
Iron Deficiency Chlorosis	
No-till Adaptability	
Narrow Row	
Chloride Sensitivity	Includer
Flower Color	White
Pubescence Color	Gray
Hilum Color	Buff
Pod Color	Brown
Oil Content @ 13%	N/A
Protein Content @ 13%	N/A

HERBICIDE SENSITIVITY

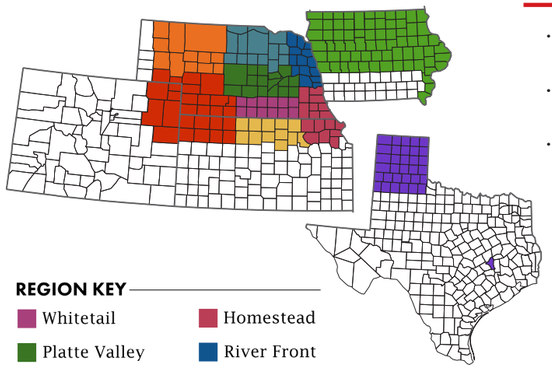
Metribuzin Sensitivity	Acceptable
PPO Sensitivity	Acceptable

Always read and follow herbicide label directions prior to use: Enlist® products contain the Enlist trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist® crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products.

The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies, L.L.C. ™ ® Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of Corteva Agriscience and its affiliated companies. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

PRAIRIE VALLEY PV2926E3

Enlist E3 SOYBEANS



REGION KEY

- Whitetail
- Platte Valley
- Niobrara
- Cattlemen
- Chimney Rock
- Homestead
- River Front
- Sunflower
- Iowa
- Texas

VARIETY HIGHLIGHTS

- Exceptional plant health in the areas of SDS, white mold, and PRP
- Above average stess tolerance that makes this a good dryland option
- Variety plant type allows it to respond to increased management practices

VARIETY AGRONOMICS

Maturity	2.9
Emergence	
Plant Height	Medium +
Plant Type	Medium +
Growth Habit	Indeterminate
Standability	
Iron Deficiency Chlorosis	
No-till Adaptability	
Narrow Row	
Chloride Sensitivity	Includer
Flower Color	Purple
Pubescence Color	Light Tawny
Hilum Color	Black
Pod Color	Brown
Oil Content @ 13%	N/A
Protein Content @ 13%	N/A

PLACEMENT RECOMMENDATION

Seed Region

DISEASE & PEST RESISTANCE

Brown Stem Rot	
PRR Resistance	NG
PRR Field Tolerance	
Soybean Cyst Nematode	R
Southern Stem Canker	R
Sudden Death Syndrome	
White Mold	

HERBICIDE SENSITIVITY

Metribuzin Sensitivity	Acceptable
PPO Sensitivity	Acceptable

Rating Scale

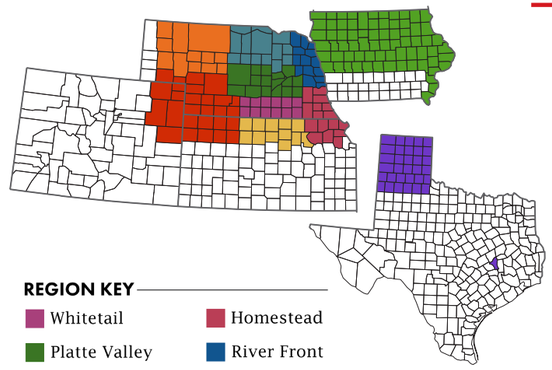
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PRAIRIE VALLEY PV3024E3

Enlist E3 SOYBEANS



REGION KEY

- Whitetail
- Platte Valley
- Niobrara
- Cattlemen
- Chimney Rock
- Homestead
- River Front
- Sunflower
- Iowa
- Texas

VARIETY HIGHLIGHTS

- Medium-Tall with good standability
- PRR field, SDS, and white mold tolerance is excellent
- New yield leader for 3.0 maturity in Enlist family

VARIETY AGRONOMICS

Maturity	3.0
Emergence	
Plant Height	Medium-Tall
Plant Type	Medium Bush 2.0
Growth Habit	Indeterminate
Standability	
Iron Deficiency Chlorosis	
No-till Adaptability	
Narrow Row	
Chloride Sensitivity	Includer
Flower Color	Purple
Pubescence Color	Gray
Hilum Color	Imperfect Black
Pod Color	Brown
Oil Content @ 13%	N/A
Protein Content @ 13%	N/A

PLACEMENT RECOMMENDATION

Seed Region

DISEASE & PEST RESISTANCE

Brown Stem Rot	NG
PRR Resistance	NG
PRR Field Tolerance	
Soybean Cyst Nematode	Pi 88.788
Southern Stem Canker	R
Sudden Death Syndrome	
White Mold	

HERBICIDE SENSITIVITY

Metribuzin Sensitivity	Acceptable
PPO Sensitivity	Acceptable

Rating Scale

5 = Excellent *3 = Good* *2 = Fair*
4 = Very Good *2.5 = Average* *1 = Poor*

Always read and follow herbicide label directions prior to use: Enlist® products contain the Enlist trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist® crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products.

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PRAIRIE VALLEY XtendFlex® Variety	Relative Maturity	Flower Color	Pubescence Color	Pod Color	Hilum Color	Plant Height	Plant Structure	Emergence	Standability	IDC	No-Till Adaptability	Narrow Row	Chloride Sensitivity	Oil Content @ 13%	Protein Content @ 13%	Brown Stem Rot	PRR Resistance	PRR Field Tolerance	SCN	Stem Canker	SDS	White Mold (SWM)
PV2224XF	2.2	Purple	Light	Tan	Black	Medium	2.0	4	3	2.5	4	4	Exc.	NA	NA	R	S	3	R	NA	2.5	2.5
PV2627XF ***NEW***	2.6	Purple	Gray	Tan	Imperfect Black	Medium	N/A	2	2	NA	2	2	Inc.	22.4	38.4	R	Rps1k3a	5	R	NA	NA	5
PV2723XF	2.7	Purple	Gray	Tan	Gray	Medium-Tall	2.0	5	4	3	5	5	Exc.	NA	NA	R	Rps1c	4	R	NA	3	4
PV2925XF	2.9	White	Light Tawny	Brown	Black	Medium	2.0	4	4	3	4	4	NA	NA	NA	3	Rps1c	3	R-MR3	NA	3	3
PV3422XF	3.4	Purple	Gray	Brown	Imperfect Black	Medium-Tall	2.0	5	4	4	5	5	Inc.	21.4	39.2	R	Rps1c	3	R	R	3.5	4
PV3920XF	3.9	Purple	Gray	Tan	Imperfect Black	Tall	2.0	5	4	3	4	5	Inc.	NA	NA	NA	Rps1c	3.5	R	R	3.5	3.5
PV3927XF ***NEW***	4.0	White	Light Tawny	Tan	Brown	Medium-Tall	N/A	2	3	4	2	2	Inc.	21.9	38.4	NA	Rps1c	5	R	R	4	NA
PV4024XF	4.0	Purple	Gray	Brown	Imperfect Black	Medium-Tall	2.0	4	3	2.5	4	4	Exc.	22.19	39.42	NA	Rps1c	3	R	R	3.5	3.5
Enlist® Variety																						
PV2426E3 ***NEW***	2.4	White	Gray	Brown	Buff	Medium+	N/A	4	3	3	3	4	Inc.	NA	NA	R	Rps1k	3.5	Pi 88.788	R	3	3
PV2926E3	2.9	Purple	Light Tawny	Brown	Black	Medium+	2.5	4	4	3	4	4	Inc.	NA	NA	3	NG	4	R	R	3	4
PV3024E3	3.0	Purple	Gray	Brown	Imperfect Black	Medium-Tall	2.0	5	3	3	4	4	Inc.	NA	NA	NG	NG	5	Pi 88.788	R	3	3

RATING SCALE 5 = Excellent | 4 = Very Good | 3 = Good | 2.5 = Average | 2 = Fair | 1 = Poor



TRAILBLAZER PLANTER BOX TREATMENT SOYBEANPM

BIO-CAPSULE TECHNOLOGY · ETHER ENZYME TECHNOLOGY · METALAXYL ST INDUSTRY STANDARD FUNGICIDE · PREPHYTE ST BROAD-SPECTRUM FUNGICIDE

Co-packed with EPA-registered Metalaxyl ST and Prephyte™ ST*

Trailblazer™ Soybean PM with Ether, Metalaxyl ST and Prephyte ST is an advanced planter box system that combines seed fluency, micronutrients and live biology in a convenient delivery system that can replace any seed fluency agent. Trailblazer™ Soybean PM is the ultimate defense for your soybean plants.

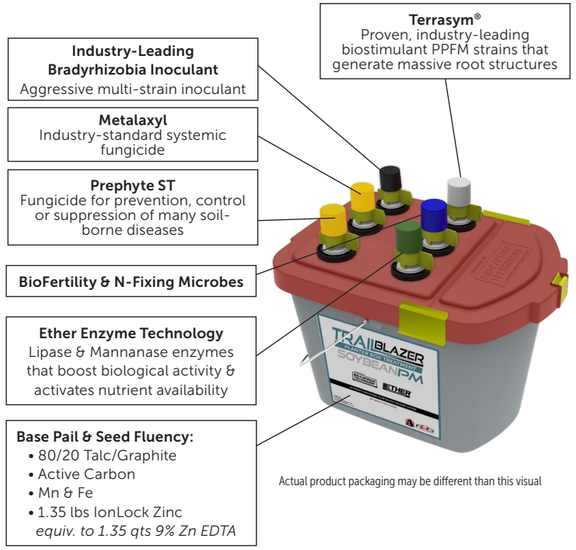
The patented Bio-Capsule™ Technology delivery system allows for the addition of multiple biological solutions safely packaged for convenient, live deployment at planting.

Ether Enzyme Technology kick-starts the uptake of available soil nutrients and water while maximizing microbial activity.

REPLANT: Ask your sales rep about Aurora's $20/acre replant program on Trailblazer™ UltraGuard SB.

PRODUCT BENEFITS

- IonLock™ Zinc increases singulation & adheres microbes to seed coats while providing valuable early emergence nutrition
- Increases early-season iron, manganese and zinc uptake
- Drives early-season taproot nodulation and N-fixation
- Metalaxyl: for control of phytophthora and pythium
- Prephyte ST: protection against many soil-borne diseases, free-living nematodes and abiotic stresses



Actual product packaging may be different than this visual

GUARANTEED ANALYSIS

BASE INGREDIENTS

Iron (Fe)	0.70%
Manganese (Mn)	0.90%
Zinc (Zn)	1.58%
1.58% Water Soluble Zinc	

Derived from Iron Oxide, Manganese Oxide and Zinc Sulfate.

BIO-CAPSULE INGREDIENTS:
ALSO CONTAINS BENEFICIAL SUBSTANCES

Bradyrhizobium japonicum	2.00x10^5 CFU/g
Azospirillum brasilense	5.0x10^7 CFU/g
Azospirillum lipoferum	5.0x10^7 CFU/g
Azotobacter chroococcum	5.0x10^7 CFU/g
Azotobacter vinelandii	5.0x10^7 CFU/g
Bacillus amyloliquefaciens	6.0x10^8 CFU/g
Bacillus licheniformis	1.2x10^9 CFU/g
Bacillus megaterium	1.2x10^9 CFU/g
Bacillus pumilus	1.2x10^9 CFU/g
Bacillus subtilis	6.0x10^8 CFU/g
Trichoderma harzianum	7.5x10^7 CFU/g
Methylobacterium hispanicum	1x10^9 CFU/g
Lipase	5.0x10^4 µUnits/g
Mannanase	2.5x10^9 µUnits/g

METALAXYL ST BIO-CAPSULE (CO-PACK) EPA Reg. No.: 94485-8

ACTIVE INGREDIENT: Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester	98.53%
OTHER INGREDIENTS:	1.47%
TOTAL:	100.00%

PREPHYTE ST BIO-CAPSULE (CO-PACK) EPA Reg. No.: 94485-5

ACTIVE INGREDIENT: *Bacillus amyloliquefaciens* strain ENV503*	0.149%
OTHER INGREDIENTS:	99.851%
TOTAL:	100.000%

*Not less than 5.9 X 10^9 Colony Forming Units (CFU) per gram of product.

DIRECTIONS FOR USE & RECOMMENDED USE RATE

DO NOT ACTIVATE BIO-CAPSULE UNTIL READY FOR USE. Read and follow all label directions for use on package. Once ready to plant, remove the safety clips from the Bio-Capsules. Push down on the buttons atop the pail to release the biologicals into the base. Seal the pail and shake aggressively to blend the contents. Before each application, aggressively shake contents to ensure the correct volume is applied.

The combined products (1 pail) treat 40 units of soybeans at 140k seeds per unit.

PRODUCT AVAILABILITY

Sold in 2-pail cases to treat 80 units of soybeans. Each pail is capable of treating 40 units of soybeans.

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Terrasym is a registered trademark of NewLeaf Symbiotics® Revised 08/25

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NUTRIENT & MICROBIAL PLANTER BOX DELIVERY SYSTEM

TRAILBLAZER PLANTER BOX TREATMENT ULTRAGUARDSB

BIO-CAPSULE TECHNOLOGY · BORNE X SDS PROTECTION · GUARD C NEMATODE PROTECTION · GUARD M INSECT PROTECTION · METALAXYL ST INDUSTRY STANDARD FUNGICIDE · PREPHYTE ST BROAD-SPECTRUM FUNGICIDE

Co-packed with EPA-registered Borne X™, Guard C™, Guard M™, Metalaxyl ST and Prephyte™ ST*

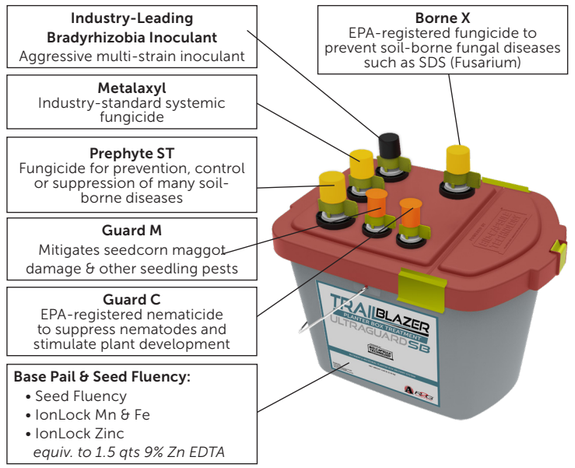
Trailblazer™ UltraGuard SB with Borne X, Guard C, Guard M, Metalaxyl ST and Prephyte ST is an advanced planter box system that combines seed fluency, micronutrients and live biology in a convenient delivery system that can replace any seed fluency agent. Trailblazer UltraGuard SB is the ultimate defense for your soybean plants.

The patented Bio-Capsule™ Technology delivery system allows for the addition of multiple biological solutions safely packaged for convenient, live deployment at planting.

REPLANT: Ask your sales rep about Aurora's $20/acre replant program on Trailblazer UltraGuard SB .

PRODUCT BENEFITS

- IonLock™ Zinc increases singulation & adheres microbes to seed coats while providing valuable early emergence nutrition
- Increases early-season iron, manganese and zinc uptake
- Drives early-season taproot nodulation and N-fixation
- Borne X: prevention of Sudden Death Syndrome (SDS) with no phytotoxicity seedling halo effect & improves plant vigor
- Guard C: contains active Fungal Chitosan with three modes of action to suppress nematodes and seed/seedling diseases
- Guard M: season-long, enhanced protection against insects and fungal pests during multiple life stages of pests
- Metalaxyl: for control of phytophthora and pythium
- Prephyte ST: protection against many soil-borne diseases, free-living nematodes and abiotic stresses



Actual product packaging may be different than this visual

GUARANTEED ANALYSIS

BASE INGREDIENTS

Iron (Fe)	0.70%
Manganese (Mn)	0.90%
Zinc (Zn)	5.00%
5.00% Water Soluble Zinc	

Derived from Iron Oxide, Manganese Oxide and Zinc Sulfate.

BIO-CAPSULE INGREDIENTS:
ALSO CONTAINS BENEFICIAL SUBSTANCES

Bradyrhizobium japonicum	2.00x10^5 CFU/g

BORNE X BIO-CAPSULE (CO-PACK) EPA Reg. No.: 92311-6-94485

ACTIVE INGREDIENT: Natamycin	62.46%
OTHER INGREDIENTS:	37.54%
TOTAL:	100.00%

GUARD C BIO-CAPSULE (CO-PACK) FIFRA 25b Exempt Product

ACTIVE INGREDIENT: Chitosan	100%
TOTAL:	100%

GUARD M BIO-CAPSULE (CO-PACK) EPA Reg. No.: 89600-8-94485

ACTIVE INGREDIENT: *Beauveria bassiana* strain ANT-03*	100.0%
TOTAL:	100.0%

*Not less than 2.2 X 10^{10} viable conidia / gram of product.

METALAXYL ST BIO-CAPSULE (CO-PACK) EPA Reg. No.: 94485-8

ACTIVE INGREDIENT: Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester	98.53%
OTHER INGREDIENTS:	1.47%
TOTAL:	100.00%

PREPHYTE ST BIO-CAPSULE (CO-PACK) EPA Reg. No.: 94485-5

ACTIVE INGREDIENT: *Bacillus amyloliquefaciens* strain ENV503*	0.149%
OTHER INGREDIENTS:	99.851%
TOTAL:	100.000%

*Not less than 5.9 X 10^9 Colony Forming Units (CFU) per gram of product.

DIRECTIONS FOR USE & RECOMMENDED USE RATE

DO NOT ACTIVATE BIO-CAPSULE UNTIL READY FOR USE. Read and follow all label directions for use on package. Once ready to plant, remove the safety clips from the Bio-Capsules. Push down on the buttons atop the pail to release the biologicals into the base. Seal the pail and shake aggressively to blend the contents. Before each application, aggressively shake contents to ensure the correct volume is applied.

The combined products (1 pail) treat 40 units of soybeans at 140k seeds per unit.

PRODUCT AVAILABILITY

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TRAILBLAZER PLANTER BOX TREATMENT XTREMESB

16 COMPONENTS

Co-packed with EPA-registered Borne X™, Guard C™, Guard M™, Metalaxyl ST and Prephyte™ ST*

ETHER ENZYME TECHNOLOGY · BORNE X SDS PROTECTION · GUARD C NEMATODE PROTECTION · GUARD M INSECT PROTECTION · METALAXYL ST INDUSTRY STANDARD FUNGICIDE · PREPHYTE ST BROAD-SPECTRUM FUNGICIDE

1. Industry-Leading Bradyrhizobia Inoculant
Aggressive multi-strains of Bradyrhizobium for accelerated early season nodulation.

2. Metalaxyl ST
Industry-standard systemic fungicide for control of phytophthora and pythium.

3. Prephyte™ ST
Broad-spectrum, EPA-registered fungicide for prevention, control or suppression of many soil-borne diseases.

7. Borne X™
EPA-registered fungicide to prevent soil-borne fungal diseases such as Fusarium (causal agent for SDS) and Rhizoctonia.

4. Terrasym®
Proven, industry-leading biostimulant PPFM strain that builds massive root structures & healthier plants.

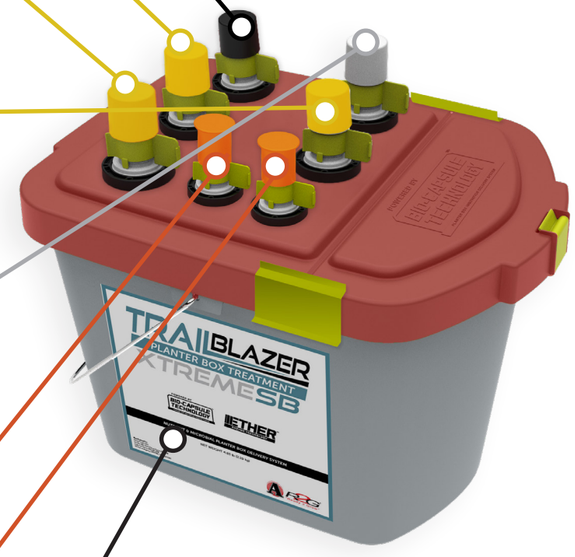
5. Nitrogen-Fixing Microbes

6. Trichoderma

8. Guard M™
EPA-registered insecticide for soybeans that targets seedcorn maggots and other secondary pests

9. Guard C™
Bionematicide containing Fungal chitosan to suppress nematodes while stimulating root and plant growth.

BASE PAIL - Seed Fluency blend
10. Seed Fluency
11. IonLock™ Manganese (Mn)
12. IonLock™ Iron (Fe)
13. IonLock™ Zinc (Zn)
(replaces 1.5 qt Zinc 9% EDTA)
14. Active Carbon
15-16. Ether™ Enzyme Technology
Lipase & Mannanase enzymes that increase biological activity & activate nutrient availability



*Borne X EPA Reg No.: 92311-6-94485 | Guard C: FIFRA 25b Exempt Product | Guard M EPA Reg No.: 89600-8-94485 | Metalaxyl ST EPA Reg No.: 94485-8 | Prephyte ST EPA Reg No.: 94485-5

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A R2G "Ready 2 Grow"



Enlist E3® soybeans

Exceptional weed control. Ease of use. Excellent yield.

Enlist E3® soybeans offer the most advanced trait technology available in soybeans, providing a new standard for weed control and yield performance. Get access to more herbicides featuring effective sites of action for better weed control this year and in future years.

One system stands alone - get the weed control that you deserve.

Wide application window

Enlist E3® soybeans
Through R1 growth stage

Enlist E3® soybeans have no plant-back restrictions after using an Enlist® herbicide for burndown.

Adding the Enlist® weed control system to your operation is simple.

- Enlist E3 soybeans are compatible with nearby crops, such as **soybeans without the Enlist® trait, alfalfa, corn, peanuts, sorghum, rice and wheat**. You can apply Enlist herbicides on Enlist E3 soybeans planted right next to these compatible crops with no wind directional restrictions.
- A wide application window and the versatility of Enlist herbicides make them easy to incorporate into your weed management plan.

"The genetics were top-notch. The Enlist beans yielded really good and met my expectations."
Kevin Miller | Ohio soybean farmer

"After application, I could see no evidence at all on the beans. There was no burn or wrinkling of leaves at all. The crop tolerance is a big value." *Josh Turner | Missouri soybean farmer*

CORTEVA™ agriscience

Apply with confidence to take down the toughest weeds, including:


Common ragweed


Giant ragweed


Morningglory


Palmer amaranth[1]


Marestail[1]


Velvetleaf


Lambsquarters


Waterhemp[1]

[1] May require a broader management plan including timely application and use of a soil residual herbicide.



CLEANER FIELDS LEAD TO HIGHER YIELDS.

The 2024 XtendFlex® soybean launch class has shown a 2.7 bu/A advantage vs. E3® soybeans.*

XtendFlex® trait technology provides farmers with flexibility to meet the needs of their operation through customizable weed management strategies.

Experience the added assurance of our Spray Early Weed Control Guarantee — all with the choice you've come to expect from the Roundup Ready® Xtend Technology.

Learn more by scanning the QR code here

'9,759 head-to-head comparisons in Bayer's 2023 breeding and market development germplasm trials v. key commercial E3® checks in major soybean growing regions +/- 0.2 RM. 64% win rate.

No dicamba may be used in-crop with seed with Roundup Ready® Xtend Technology, unless and until approved or specifically permitted. No dicamba formulations have been registered for such in-crop use at the time this material was published. Please follow https://www.roundupreadyxtend.com/pages/xtendimax-updates.aspx for status updates.

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BAYER ROUNDUP READY® XTEND TECHNOLOGY

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. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. 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 products with XtendFlex® Technology.
Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Plants that are not tolerant to glyphosate, dicamba, and/or glufosinate may be damaged or killed if exposed to those herbicides. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs. Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready® and XtendFlex® are registered trademarks of Bayer Group. LibertyLink logo® and LibertyLink® are trademarks of BASF Corporation. ©2024 Bayer Group. All rights reserved.
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VYCONIC™

THE FUTURE OF SOYBEANS: VYCONIC™ SOYBEANS

TARGETED MARKET INTRODUCTION IN 2027, PENDING EPA LABEL APPROVAL

Vyconic™ soybeans will feature Bayer's next-generation herbicide tolerance platform. They are designed to confer tolerance to five different herbicides, providing unparallelled flexibility to manage weeds.

FIVE HERBICIDE TOLERANCES

Will be the industry's first trait stack with tolerance to five herbicides.

BROAD SUITE OF MANAGEMENT OPTIONS

Vyconic soybeans are designed to confer tolerance to the following five herbicides:

- Glyphosate
- Dicamba
- Glufosinate
- Mesotrione **(NEW to Vyconic)***
- 2,4-D **(NEW to Vyconic)***

EXCELLENT YIELD POTENTIAL FROM INDUSTRY-LEADING GENETICS

Vyconic soybeans will feature the latest soybean genetics along with various beneficial agronomic traits to deliver outstanding yield potential.

***Bolded tolerances are new to Vyconic™ and were not included in the previous generation.**

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.

This product is not currently available for commercial sale or commercial planting. Commercialization is dependent on multiple factors, including successful conclusion of the regulatory process. The information presented herein is provided for educational purposes only, and is not and shall not be construed as an offer to sell.

SCAN HERE TO LEARN MORE

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It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of glyphosate, dicamba, glufosinate, mesotrione, or 2,4-D are being pursued for regulatory approval for in-crop use with Vyconic™ Soybeans. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. 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 Vyconic™ Soybeans..

Vyconic™ Soybeans contain genes that confer tolerance to glyphosate, glufosinate, dicamba, mesotrione, or 2,4-D. Plants that are not tolerant to glyphosate, dicamba, glufosinate, mesotrione, or 2,4-D may be damaged or killed if exposed to those herbicides.
Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

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Soybean Offerings

ACCELERON® SEED APPLIED SOLUTIONS **BASIC**

FUNGICIDES

Protection against *Pythium*, early-season *Phytophthora, Rhizoctonia solani* and *Fusarium* with an exclusive combination of fungicides and more rapid and increased emergence of seedlings under certain conditions.

ACCELERON® SEED APPLIED SOLUTIONS **STANDARD**

FUNGICIDES

Protection against *Pythium*, early-season *Phytophthora, Rhizoctonia solani* and *Fusarium* with an exclusive combination of fungicides and more rapid and increased emergence of seedlings under certain cold conditions.

INSECTICIDES

Protection from pests including bean leaf beetles, early-season soybean aphids and seed corn maggots.

Additional Offerings

ILEVO® SEED TREATMENT

ILEVO® Seed Treatment offers protection against Sudden Death Syndrome and damage caused by plant parasitic nematodes, including Soybean Cyst Nematodes (SCN).

ILEVO® Seed Treatment

Poncho® Votivo® Seed Treatment

ACCELERON® **E-007 SAT**

Upstream

Acceleron® Seed Applied Solutions Seed Brand Offering

- ASGROW®
- Alloy™ *(Enlist offering)*
- Channel®
- Connect™*(Enlist offering)*
- Fontanelle Hybrids®
- Gold Country Seed®
- Hubner Seed & Design®
- Jung Seed Genetics™
- Kruger Seeds™
- Lewis Hybrids™
- REA Hybrids™
- Specialty Hybrids™
- Stewart Seeds™
- Stone Seed™

Soybean Offerings

Acceleron® Seed Applied Solution Blend

Active(s)	Use Rate (oz/cwt)	*Pythium*	*Phytopthora*	*Rhizoctonia*	*Fusarium*	Phomopsis	Nematodes	SDS	Early Soy Aphids	Wireworm	Bean Leaf Beetle	Leafhoppers
Imidacloprid	2*	NA	NA	NA	NA	NA	NA	NA	E	VG	E	G
Prothioconazole, Penflufen, Metalaxyl	1.5	E	E	E	E	G	NA	NA	NA	NA	NA	NA
Fluopyram	1.8** - 2.36†	NA	NA	NA	NA	NA	VG	E	NA	NA	NA	NA
ACCELERON® STANDARD + ILEVO® Seed Treatment		E	E	E	E	G	VG	E	E	VG	E	G

P=Poor F=Fair G=Good VG=Very Good E=Excellent NA=Not Labeled

*Higher rate IMD recommedations for heavy corn seed maggot pressure
**Nematode rate
†Nematicide/SDS rate
References: University of Wisconsin 2017 Efficacy table; University of Mississippi Insect Control Guide; Internal Bayer Research

IMPROVED

Downstream

Acceleron® Seed Applied Solutions Offering

- Excellent broad spectrum seedling disease control
- Improved product stability and flowability
- Reduced treater buildup
- Protection against *Pythium* & *Phytophthera* with the highest application rate in the industry for metalaxyl
- New Bayer active ingredients that are compatible

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.
FOR SOYBEAN SEED TREATMENT PRODUCTS APPLIED DOWNSTREAM, EACH ACCELERON® SEED APPLIED SOLUTIONS OFFERING is a combination of separate individually registered products containing the active ingredients: BASIC Offering: metalaxyl, penflufen, and prothioconazole. STANDARD Offering: metalaxyl, penflufen, prothioconazole and imidacloprid.
FOR SOYBEANS SEED TREATMENT PRODUCTS APPLIED DOWNSTREAM, EACH ACCELERON® SEED APPLIED SOLUTIONS OFFERING is a combination of separate individually registered products containing the active ingredients: BASIC Offering: metalaxyl, penflufen and prothioconazole. STANDARD Offering: metalaxyl, penflufen, prothioconazole and imidacloprid. FOR UPSTREAM TREATED SOYBEANS, EACH ACCELERON® SEED APPLIED SOLUTIONS OFFERING is a combination of separate individually registered products containing the active ingredients: BASIC Offering: metalaxyl, fluxapyroxad, and pyraclostrobin. STANDARD Offering: metalaxyl, fluxapyroxad, pyraclostrobin and imidacloprid.
FOR UPSTREAM TREATED SOYBEANS, EACH ACCELERON® SEED APPLIED SOLUTIONS OFFERING is a combination of separate individually registered products containing the active ingredients: BASIC Offering: metalaxyl, fluxapyroxad, and pyraclostrobin. STANDARD Offering: metalaxyl, flyxapyroxad, pyraclostrobin and imidacloprid.
Not all products are registered in all states and may be subject to use restrictions. The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited.
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Beat SDS and SCN with ILEVO® Seed Treatment in Nebraska

It's not complicated — ILEVO seed treatment is the solution regardless of weather conditions. When it's hot and dry, nematode damage increases, and when it's cool and wet, SDS thrives. **Don't let weather threaten up to 30 percent of yields.** Go with the proven winner against both SCN and SDS.

Soybean Cyst Nematode Sample Results in Nebraska

55%
Percent of sampled fields with SCN detected

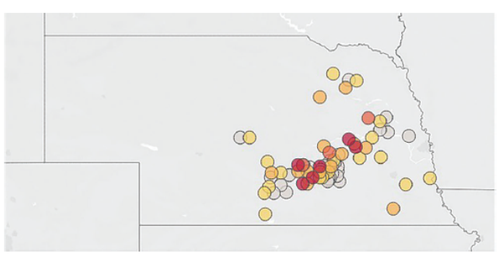
1,192
Average Egg Count (Eggs/100 cc soil)

31%
Percent fo fields with SCN found at damaging levels (>500/100 cc soil)

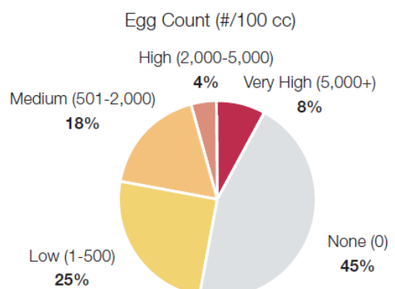
BASF SCN Sampling Projects, 2021-2022. (748 total samples. Jan 24, 2023)

SCN is a Widespread Pest in Nebraska

SCN Population Density Across Nebraska



Damaging Levels of SCN are Widespread



BASF SCN Sampling Projects, 2021-2022. (748 total samples. Jan 24, 2023)

Verification Required The last patent on the original Roundup Ready® soybean trait expired a few years ago and U.S. farmers may legally plant saved seed from some varieties of soybean containing the Roundup Ready® soybean trait. However, it is important that you check with your seed supplier to determine if a specific Roundup Ready® soybean variety is covered by other intellectual property rights, and if so, the policy for saving seed of that variety.

Higher Seeding Rate A higher seeding rate may be required for bin-run Roundup Ready® soybeans compared to new branded seed.

Yield Loss Roundup Ready 2 Yield® soybean, Roundup Ready 2 Xtend® soybean, and XtendFlex® soybean varieties typically have a higher yield opportunity than Roundup Ready® soybean varieties.

Cleanout Loss Loss of seed and/or shrink occurs during the seed cleaning and handling processes for bin-run seed.

Seed Treatment Costs Treating your seed will add costs—both the cost of the treatment and the application of that treatment.

Lost Income Every bushel of saved seed you plant is a bushel you're not selling as commodity grain.

Increased Seed Management If you plan to save and bin-run Roundup Ready® soybeans for planting, you will have to manage your harvest operations and grain storage so that the seed isn't co-mingled with other seed that's covered by intellectual property rights.

High Value of New Branded Seed

Latest Technology

// High-yielding soybean technologies
// Better variety options
// Leading seed treatment options

Customer Service

// Dealer agronomic support before and after the sale
// Replant policy support
// Convenient packaging and delivery

Reliable Germination and Quality

// Rigorously tested and meets U.S. Federal Seed Act requirements
// Free of seed-borne diseases
// Properly stored and conditioned

For a list of Bayer's trait patents go to cs.bayerpatents.bayer.com

For questions regarding seed intellectual property, or to anonymously report a saved seed tip, you can contact Bayer in the following ways:

1. Call 1-866-99-BAYER
2. Send a letter: Trait Stewardship, 622 Emerson Rd., Suite 150, Creve Coeur, MO 63141
3. Submit a contact request at cropscience.bayer.us/contact or scan the QR code

SIPA™ Seed Innovation & Protection Alliance
LIBERTY LINK®
Roundup Ready 2 YIELD® TECHNOLOGY

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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. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. 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 Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

Roundup Ready® Technology contains genes that confer tolerance to glyphosate. **Roundup Ready® 2 Technology** contains genes that confer tolerance to glyphosate. **Roundup Ready 2 Xtend® soybeans** contain genes that confer tolerance to glyphosate and dicamba. **Products with XtendFlex® Technology** contain genes that confer tolerance to glyphosate, glufosinate and dicamba. **Glyphosate** will kill crops that are not tolerant to glyphosate. **Dicamba** will kill crops that are not tolerant to dicamba. **Glufosinate** will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-888-283-6847 for recommended Roundup Ready® Xtend Crop System weed control programs.

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Rev 01/2022



Supercharged Protection. From Day One.

CruiserMaxx® APX

syngenta®

THE GROWING THREAT OF EARLY-SEASON DISEASES

- Once your soybeans hit the dirt, aggressive early-season diseases like *Pythium* and *Phytophthora* begin to lower yield potential and increase the chances for replant.
- *Pythium* is the first disease encountered and most prevalent early-season pathogen in the U.S., causing reduced plant stands, stunting, damping off and **reduced yield potential by up to 30%**[1].
- *Phytophthora*, one of the most destructive early-season pathogens, causes damping off, reduces rooting efficiency and **can result in soybean yield losses greater than 50%**[2].

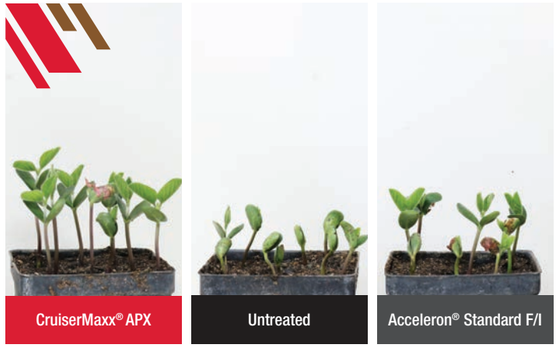


30%
REDUCED YIELD POTENTIAL
Pythium



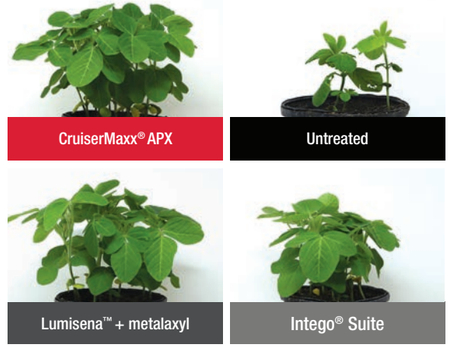
50%
REDUCED YIELD POTENTIAL
Phytophthora

SUPERCHARGED SHIELD AGAINST *PYTHIUM*



Syngenta trials at The Seedcare Institute™; Stanton, MN; July 2021. Inoculated with Pythium irregulare.

UNMATCHED *PHYTOPHTHORA* PROTECTION



Inoculated with Phytophthora sojae, the most common Phytophthora species in US soybean Syngenta trials at The Seedcare Institute; Stanton, MN; November 2021.

[1]*Phytophthora active components at same rates found within Corteva LumiGEN® soybean seed treatment*

EARLY-SEASON PROTECTION WITH UNMATCHED POWER

When it comes to defending against the biggest early-season threats soybeans face, CruiserMaxx® APX (pronounced APEX) seed treatment is a force to be reckoned with. It harnesses the most powerful *Pythium* and *Phytophthora*-molecule in existence, plus proven broad-spectrum protection. With CruiserMaxx APX, you can trust your soybeans will be protected from early-season disease and insects.

CruiserMaxx APX delivers:

- Unmatched early-season protection against *Pythium, Phytophthora, Fusarium, Rhizoctonia,* all common seed-borne diseases and early-season insect pests.
- Supercharged power of picarbutrazox (PCBX), a novel mode of action with the most robust *Pythium* and *Phytophthora* protection available from one compound in soybeans.
- Increased plant vigor and enhanced root-health benefits, maximizing water and nutrient uptake.
- Flexible protection that aligns with today's soybean-growing reality. Whether you plant early in cool, wet soil or later in warmer conditions, you can trust CruiserMaxx APX to shield your yield potential.

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Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations. Trials reflect treatment rates and mixing partners commonly recommended in the marketplace.

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SALTRO: UPGRADED SOYBEAN PROTECTION

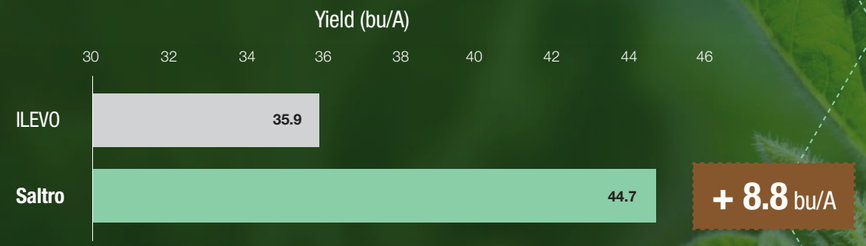
Powered by ADEPIDYN® technology, Saltro® fungicide seed treatment helps soybeans emerge stronger and healthier for higher potential yields. Discover how Saltro can help upgrade your soybeans.



RED CROWN ROT SUPPRESSION

Beyond upgraded SDS and SCN protection and plant health, Saltro offers an added level of protection against Red Crown Rot, a recently discovered but growing disease threat. Saltro suppresses Red Crown Rot to help limit yield loss from associated stand reduction and damping-off.*

Saltro Helps Protect Your Seed Investment Under Red Crown Rot Pressure





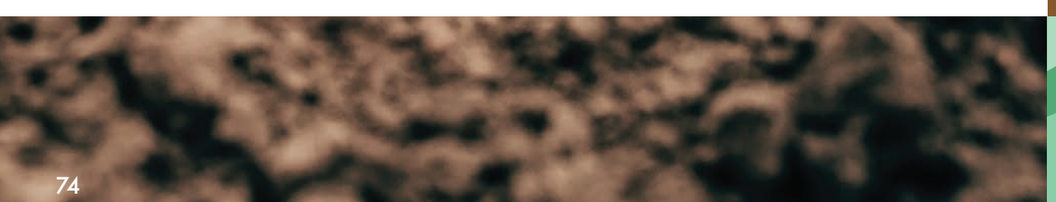
Application Rates: Saltro applied at 1.428 oz/unit and ILEVO applied at 1 oz/unit. Split planter experimental design. Diseases present: Red Crown Rot. On Farm Trials; Southern IL – 08/16/2023

For more information about Saltro, talk to your Syngenta sales representative or visit **WhySaltro.com**

BETTER YIELD IS THE **BETTER DEAL**

Saltro®

syngenta®



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***Syngenta supports a FIFRA Section 2(ee) recommendation for Saltro for suppression of Red Crown Rot in Arkansas, Illinois, Indiana, Iowa, Kentucky, Missouri, Ohio and Tennessee. Please see the Section 2(ee) recommendation to confirm that the recommendation is applicable in your state. The Section 2(ee) recommendation for Saltro should be in the possession of the user at the time of application.**

GS 9732_2_1

SLC 16160A 08-2024



Victrato®
TYMIRIUM® technology

syngenta®

VICTRATO SEED TREATMENT
FEATURING TYMIRIUM TECHNOLOGY

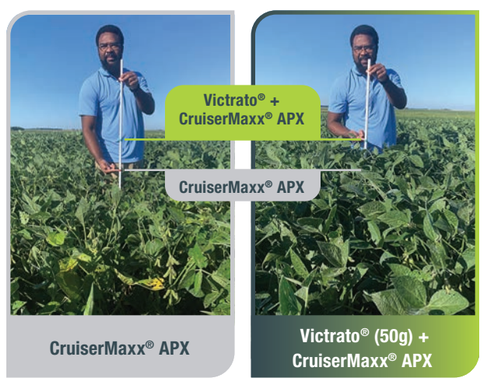
Offering a never-before-seen level of defense, **Victrato® soybean seed treatment** delivers the most robust level of protection against nematodes and early-season diseases available in a single molecule. Featuring **revolutionary TYMIRIUM® technology**, Victrato delivers unparalleled potency and precision targeting to defend against a broad spectrum of threats like nematodes, Sudden Death Syndrome (SDS) and Red Crown Rot (RCR). A heavy-pressure specialist, Victrato sets a **new standard of seed investment protection** for ultimately higher potential yield – even on your toughest acres.

PRODUCT FEATURES

- A three-pronged attack against adults, juveniles and eggs from multiple nematode species such as soybean cyst (SCN), root knot, reniform, lance and lesion
- High intrinsic activity against nematodes and SDS, resulting in a positive yield advantage in trials above current market options
- Early-season suppression of foliar diseases like frogeye leaf spot, target spot and Septoria brown spot
- First federally-labeled seed treatment management tool for Red Crown Rot (RCR)
- Features **Smart-Site Targeting** to zero in on plant-parasitic nematodes and pathogens with a precise receptor match, unleashing maximum stopping power on intended targets and leaving beneficial organisms unharmed.
- Excellent crop safety and the Syngenta Seedcare handling and application characteristics (such as less treater buildup and dust off) you've come to rely on

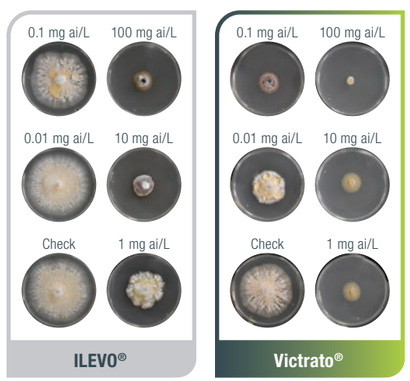
TRIAL RESULTS

A New Standard of Protection Against SCN, SDS and RCR



Monticello, IL 8/31/2023. Red Crown Rot + Sudden Death Syndrome and 360 SCN eggs/100 ccs soil.

Built For Intense SDS Pressure



Petri dish study inoculated with *Fusarium virguliforme,* EC50 isolate 18-671. Vero Beach Research Center, 11/22.

TRIAL PERFORMANCE

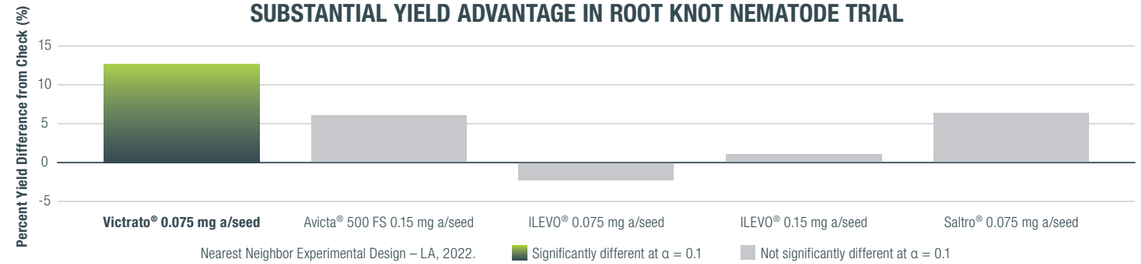
In trials, Victrato-treated soybeans consistently outyielded other treatments under nematode or SDS pressure.

STATISTICALLY SIGNIFICANT YIELD INCREASE UNDER SCN PRESSURE (N=9)

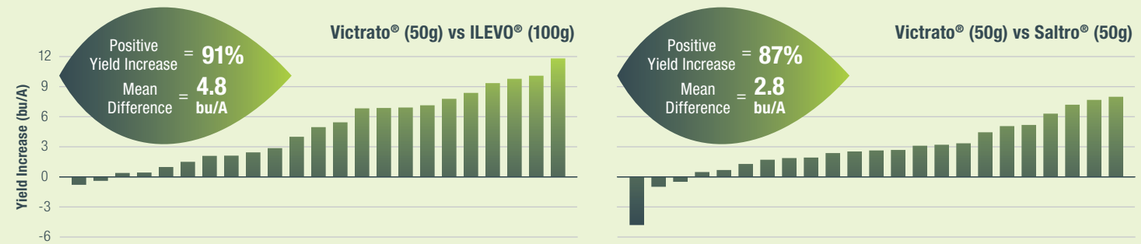


Summary from 9 replicated locations across IL (4), IA, NE, MI, MN and SD; 2021. Levels not connected by same letter are significantly different. α = 0.1. All treatments include CruiserMaxx Vibrance as a base. All locations: >500 SCN eggs/100 ccs soil.

SUBSTANTIAL YIELD ADVANTAGE IN ROOT KNOT NEMATODE TRIAL



YIELD INCREASE UNDER MODERATE-HEAVY SDS PRESSURE



Disease pressure = Significant difference between the CruiserMaxx® Vibrance® check and Saltro® fungicide seed treatment in one disease assessment or more.
Field trials (n=23); IA, IL, KS, KY, MI, MN, TN and WI 2018-2021

Talk to your local Syngenta Seedcare Specialist or visit **SyngentaUS.com/Victrato** to learn more.

Victrato® TYMIRIUM® technology

syngenta®

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Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations. Trials reflect treatment rates and mixing partners commonly recommended in the marketplace.

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GS 11426_6_1

SLC 18754A 04-2025

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Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all applicable regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

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. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. 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 products with XtendFlex® Technology.

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

Refuge seed may not always contain the DroughtGard® trait. IMPORTANT IRM INFORMATION: Certain products are sold as RIB Complete® corn blend products, and do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. Products sold without refuge in the bag (non-RIB Complete) require the planting of a structured refuge. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

Roundup Ready® Technology contains genes that confer tolerance to glyphosate. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Plants that are not tolerant to glyphosate may be damaged or killed if exposed to those herbicides. Plants that are not tolerant to glyphosate, dicamba, and/or glufosinate may be damaged or killed if exposed to those herbicides. Plants that are not tolerant to dicamba may be damaged or killed if exposed to those herbicides. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. Herculex® is a registered trademark of Dow AgroSciences LLC. Agrisure Viptera® is a registered trademark of a Syngenta group company. LibertyLink logo® and LibertyLink® are trademarks of BASF Corporation. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. Acceleron®, DroughtGard®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, SmartStax®, Trecepta®, VT Double PRO®, VT4PRO™ and XtendFlex® are trademarks of Bayer Group

Insect Resistance Management
Planting Refuges, Preserving Technology

Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, **including applicable refuge requirements for insect resistance management,** for the biotechnology traits expressed in the seed as set forth in the Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation and agreement to comply with the most recent stewardship requirements.

LIBERTY LINK®

RESPECT THE REFUGE®

Roundup Ready 2 YIELD® TECHNOLOGY

Roundup Ready 2 TECHNOLOGY®

Seed containing a patented trait can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, and XtendFlex® soybeans. Additional information and limitations on the use of these products are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: tug.bayer.com. U.S. patents for Bayer technologies can be found at the following webpage: cs.bayerpatents.bayer.com

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Seeds containing the PowerCore® Enlist®, PowerCore® Enlist® Refuge Advanced®, Enlist® Corn - REFUGE and Enlist E3® traits are protected under one or more U.S. patents which can be found at www.traitstewardship.com. The purchase of this traited seed includes a limited license to produce a single crop in the United States. The use of seed from such a crop and/or the progeny thereof for propagation or seed multiplication or for production or development of a hybrid or different variety of seed is strictly prohibited. You acknowledge and agree to be bound by the terms and conditions of the following documents in effect at the time of planting of this seed: (i) the Corteva Agriscience Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements.

To plant PowerCore Enlist, PowerCore Enlist Refuge Advanced, Enlist Corn - REFUGE and Enlist E3 seed, you must have a limited license from Corteva Agriscience (or other appropriate affiliates). In consideration of the foregoing, Corteva Agriscience grants to the Grower a limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed.

Enlist E3® soybean seeds containing the Enlist® trait can only be used to plant a single commercial crop. It is unlawful to save and replant Enlist E3 soybeans. Additional information and limitations on the use of these products are provided in the Corteva Agriscience Technology Use Agreement and Enlist® Soybean Product Use Guide. U.S. patents for Corteva Agriscience technologies can be found at www.traitstewradship.com

IRM - Properly managing trait technology is key to preserving it as a long term crop protection tool. Growers who fail to comply with IRM requirements risk losing access to this product. To help preserve the effectiveness of B.t. corn technologies, growers planting B.t. corn technologies are required to follow an IRM Plan. Consult the Corn Product Use Guide for appropriate refuge configuration options. Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the Technology Use Agreement and Product Use Guide. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements. For complete details on IRM requirements for hybrids with Bt technology, including refuge examples and important information on the use of insecticides on refuge and Bt corn acres, please consult appropriate Product Use Guide. Go to www.traitstewardship.com to download the latest Corteva Agriscience Corn

Product Use Guide.

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 Global Stewardship Group.

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. 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. 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. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USE IN THE STATE AND COUNTY 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. Additional product-specific stewardship requirements for Enlist crops, including the Enlist Product Use Guide, can be found at www.traitstewardship.com.

POWERCORE® multi-event technology developed by Corteva Agriscience LLC and Monsanto. LibertyLink® and the Water Droplet Design are registered trademarks of BASF. PowerCore® 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. The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies, L.L.C. ™ ® Trademarks of Corteva Agriscience and its affiliated companies.

POWERCORE® Enlist® REFUGE ADVANCED®

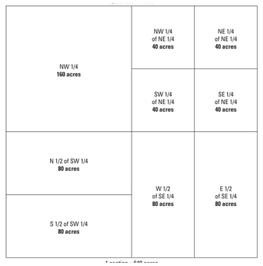
POWERCORE® Enlist®

Enlist E3® SOYBEANS

Enlist® CORN

LIBERTY LINK®

Roundup Ready® CORN 2



Field Name:

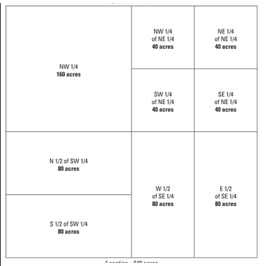
Field Characteristics:

Hybrid/Variety:

Population:

# of Units:

Notes:



Field Name:

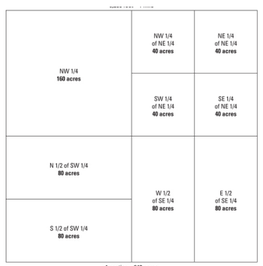
Field Characteristics:

Hybrid/Variety:

Population:

# of Units:

Notes:



Field Name:

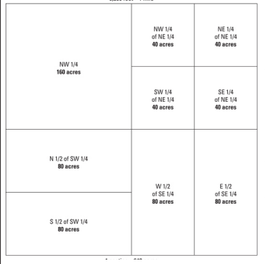
Field Characteristics:

Hybrid/Variety:

Population:

# of Units:

Notes:



Field Name:

Field Characteristics:

Hybrid/Variety:

Population:

# of Units:

Notes:

PRAIRIE VALLEY

2027 SEED GUIDE

www.prairievalleyseeds.com