



MAKING EVERY ACRE MORE PROFITABLE

40th
ANNIVERSARY

2024 SEED BOOK

FAMILY OWNED SINCE 1984



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40th
ANNIVERSARY

FOUR STAR SEED COMPANY

We are celebrating **40 years** of being in the seed business. In that time, we have seen a lot of changes in the seed industry and agriculture in general. One thing that has not changed: **our commitment to our customers.**

Four Star Seed Company is still a Midwestern, farm-family-owned, independent seed company based in Western Iowa. Since our start in 1984, we have built our foundation on elite genetics and technology, field performance, and dedication to our customers.

Agriculture is an ever-changing industry, with new challenges around every corner. Unlike large, national brands, we are able to quickly adapt our business, products, and services to meet these challenges, so our customers are maximizing profits on every acre.

Field performance is extremely important to us. Because we are a farming family, we understand what performance means to the bottom line and maximizing your profits. We do extensive research and testing before our product is in the customer's hands, so we can say with absolute confidence how our products will perform on your farm.

Our dedication to our customers and industry is second to none. We have devoted ourselves to making sure our customers have access to the best services, knowledge, and products available on the market today and in years to come. Our customers' needs are our top priority, no matter how big or small the operation. Our focus is to help our customers build profitable, sustainable businesses that can be passed on to future generations.

Finally, thank you to all our customers for your past and future business.

***You are important to us, and we greatly appreciate you
choosing the Four Star family for all your seed needs.***

NOTES

FOUR STAR SEED

CORN PRODUCTS

98 - 115 RELATIVE MATURITIES

including

SmartStax® RIB Complete® Corn Blend

SmartStax® PRO RIB Complete® Corn Blend

VT Double PRO® RIB Complete® Corn Blend

Trecepta® RIB Complete® Corn Blend

All SmartStax® Corn treated with Poncho® Votivo® Seed Treatment for maximum secondary pest protection.

 = NATURAL DROUGHT TOLERANCE

SmartStax®
RIB COMPLETE®

SMARTSTAX® RIB
COMPLETE® CORN BLEND

SmartStax® PRO
RIB COMPLETE®

SMARTSTAX® PRO RIB
COMPLETE® CORN BLEND

VT Double PRO®
RIB COMPLETE®

VT DOUBLE PRO® RIB
COMPLETE® CORN BLEND

Trecepta®
RIB COMPLETE®

TRECEPTA® RIB
COMPLETE® CORN BLEND

4 STAR 6P11 SS PRO RIB

NEW

- 101 Day
- SmartStax® PRO RIB Complete® Corn Blend
- Very good stalks, roots, and Goss' Wilt ratings
- Medium plant height with excellent top-end yield potential across all soil types
- Wide adaptability for planting populations with good ear flex
- Great early season vigor, outstanding no-till option
- Highly competitive throughout all yield environments
- Dual-purpose potential is great for silage

PLANT HEIGHT	Medium
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDU _s TO BLACK LAYER	2425

SmartStax® PRO
RIB COMPLETE®

EARLY VIGOR	3.5
STALK STRENGTH	3.5
ROOT STRENGTH	3.6
NO-TILL	2.4
DROUGHT TOLERANCE	3.2
CORN ON CORN	2.0
PLANT HEALTH	2.8
TEST WEIGHT	2.8
TAR SPOT	3.0

4 STAR 6P38 SS PRO RIB

- 107 Day
- SmartStax® PRO RIB Complete® Corn Blend
- Excellent stalk, root, Goss' Wilt, and greensnap ratings
- Great early season vigor, outstanding no-till option
- Widely adapted east to west and north to south
- Very strong yield potential across a wide range of yield environments
- Very good physoderma node breakage rating
- Carries the new pro gene for better rootworm control

PLANT HEIGHT	Medium
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Determinate
GDUs TO BLACK LAYER	2524

SmartStax® PRO
RIB COMPLETE™

EARLY VIGOR	3.2
STALK STRENGTH	3.1
ROOT STRENGTH	3.2
NO-TILL	2.5
DROUGHT TOLERANCE	3.0
CORN ON CORN	2.0
PLANT HEALTH	3.0
TEST WEIGHT	3.0
TAR SPOT	4.0

4 STAR 6P61 SS PRO RIB

NEW

- 111 Day
- SmartStax® PRO RIB Complete® Corn Blend
- Big-time yield potential with consistent performance over a wide range of soil types and yield environments
- Widely adapted east to west and north to south of its maturity zone
- Above average silage potential and dual-purpose hybrid
- Responds to high management operations
- Good stalk anthracnose tolerance, carries the ASR gene
- Has excellent dry down

PLANT HEIGHT	Tall
DRY DOWN	Very Good
FUNGICIDE	Yes
EAR HEIGHT	Medium-High
COB COLOR	Red
EAR TYPE	Semi-Flex
GDUs TO BLACK LAYER	2650

SmartStax® PRO
RIB COMPLETE™

EARLY VIGOR	3.0
STALK STRENGTH	3.0
ROOT STRENGTH	3.0
NO-TILL	2.5
DROUGHT TOLERANCE	3.2
CORN ON CORN	2.0
PLANT HEALTH	3.1
TEST WEIGHT	3.6
TAR SPOT	4.0

4 STAR 6S17 SS RIB

- 100 Day
- SmartStax® RIB Complete® Corn Blend
- Very good stalks and roots
- Appealing fall appearance and intactness
- Impressive top-end yield potential
- Good stalk anthracnose tolerance carries the ASR gene
- Good Goss' Wilt rating
- Dual-purpose potential

PLANT HEIGHT	Tall
DRY DOWN	Very Good
FUNGICIDE	Yes
EAR HEIGHT	Medium-High
COB COLOR	Red
EAR TYPE	Semi-Flex
GDUs TO BLACK LAYER	2412

SmartStax®
RIB COMPLETE™

EARLY VIGOR	3.1
STALK STRENGTH	3.0
ROOT STRENGTH	3.5
NO-TILL	3.0
DROUGHT TOLERANCE	3.0
CORN ON CORN	2.0
PLANT HEALTH	3.2
TEST WEIGHT	3.0
TAR SPOT	4.0

4 STAR 6S21 SS RIB

- 103 Day
- SmartStax® RIB Complete® Corn Blend
- Excellent movement across the Corn Belt north to south
- Strong response to irrigation with excellent Goss' Wilt tolerance
- Highly competitive throughout all yield environments
- Responds well to high management operations
- Excellent early plant vigor and drought stress tolerance
- Very good greensnap tolerance and has ASR gene

PLANT HEIGHT	Medium
DRY DOWN	Excellent
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDUs TO BLACK LAYER	2520

SmartStax®
RIB COMPLETE™

EARLY VIGOR	2.4
STALK STRENGTH	3.5
ROOT STRENGTH	3.5
NO-TILL	2.5
DROUGHT TOLERANCE	3.1
CORN ON CORN	2.0
PLANT HEALTH	3.0
TEST WEIGHT	3.4
TAR SPOT	3.8

NOTES

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CORN PRODUCTS

4 STAR 6S37 SS RIB

- 107 Day
- SmartStax® RIB Complete® Corn Blend
- Excellent stalk, root, Goss' Wilt, and greensnap ratings
- Great early season vigor, outstanding no-till option
- Very good ability to move north to south for relative maturity
- Attractive appearance and very good late season intactness
- Exceptional test weight and grain quality
- Caution using Growth Regulators herbicide family

PLANT HEIGHT	Medium
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Determinate
GDUs TO BLACK LAYER	2550

EARLY VIGOR	3.4
STALK STRENGTH	3.3
ROOT STRENGTH	3.0
NO-TILL	2.8
DROUGHT TOLERANCE	3.5
CORN ON CORN	2.0
PLANT HEALTH	3.1
TEST WEIGHT	3.2
TAR SPOT	4.0



4 STAR 6S60 SS RIB

- 110 Day
- SmartStax® RIB Complete® Corn Blend
- Excellent stalk, root, Goss' Wilt, and greensnap ratings
- Great early season vigor, outstanding no-till option
- High-yield potential over a broad range of environments
- Good stalk anthracnose tolerance carries ASR gene
- Excellent kernel depth with rapid dry down
- Caution using Growth Regulators herbicide family

PLANT HEIGHT	Medium-Tall
DRY DOWN	Excellent
FUNGICIDE	Yes
EAR HEIGHT	Medium-High
COB COLOR	Pink
EAR TYPE	Semi-Determinate
GDUs TO BLACK LAYER	2578

EARLY VIGOR	3.0
STALK STRENGTH	3.0
ROOT STRENGTH	3.3
NO-TILL	2.5
DROUGHT TOLERANCE	3.5
CORN ON CORN	2.0
PLANT HEALTH	3.0
TEST WEIGHT	3.4
TAR SPOT	4.0



4 STAR 6S64 SS RIB

- 110 Day
- SmartStax® RIB Complete® Corn Blend
- Widely adapted east to west
- Tremendous stalk and root strength
- Consistent ear size with good test weight
- Excellent Goss' Wilt tolerance
- Great early season vigor, outstanding no-till option
- Low greensnap risk

PLANT HEIGHT	Medium
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Determinate
GDUs TO BLACK LAYER	2626

EARLY VIGOR	3.5
STALK STRENGTH	3.0
ROOT STRENGTH	2.5
NO-TILL	3.0
DROUGHT TOLERANCE	3.5
CORN ON CORN	2.0
PLANT HEALTH	3.0
TEST WEIGHT	3.4
TAR SPOT	4.0



4 STAR 6S74 SS RIB

- 112 Day
- SmartStax® RIB Complete® Corn Blend
- Widely adapted east to west
- Tremendous stalk and root strength
- Very good Goss' Wilt tolerance
- Responds to high management
- Consistent performance over a wide range of soil types
- Good stalk anthracnose tolerance, carries the ASR gene

PLANT HEIGHT	Medium-Tall
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDUs TO BLACK LAYER	2655

EARLY VIGOR	3.0
STALK STRENGTH	3.6
ROOT STRENGTH	3.0
NO-TILL	2.0
DROUGHT TOLERANCE	3.3
CORN ON CORN	3.2
PLANT HEALTH	3.0
TEST WEIGHT	2.8
TAR SPOT	4.2



4 STAR 6S75 SS RIB

- 112 Day
- SmartStax® RIB Complete® Corn Blend
- Widely adapted east to west and east to west
- Great early season vigor, outstanding no-till option
- Good stalk anthracnose tolerance, carries the ASR gene
- Good Goss' Wilt rating
- Attractive appearance and very good late season intactness
- Responds to high management
- Very good dry down

PLANT HEIGHT	Medium
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	Medium-High
COB COLOR	Red
EAR TYPE	Semi-Determinate
GDUs TO BLACK LAYER	2723

SmartStax
RIB COMPLETE

EARLY VIGOR	3.0
STALK STRENGTH	3.4
ROOT STRENGTH	3.4
NO-TILL	2.5
DROUGHT TOLERANCE	3.3
CORN ON CORN	3.0
PLANT HEALTH	3.0
TEST WEIGHT	3.4
TAR SPOT	4.2

4 STAR 6D17 VT2P RIB

- 99 Day
- VT Double PRO® RIB Complete® Corn Blend
- Very strong yield potential over a wide geography east to west
- Good foliar health and late season plant appearance
- Semi-flex ear type to encourage lower plant populations to maintain high yields in high stress areas
- Good stalk anthracnose tolerance carries the ASR gene
- Great early season vigor, outstanding no-till option
- Excellent dry down

PLANT HEIGHT	Medium
DRY DOWN	Excellent
FUNGICIDE	No
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDUs TO BLACK LAYER	2390

VTDoublePRO
RIB COMPLETE

EARLY VIGOR	3.1
STALK STRENGTH	3.7
ROOT STRENGTH	3.0
NO-TILL	2.0
DROUGHT TOLERANCE	3.5
CORN ON CORN	3.3
PLANT HEALTH	3.0
TEST WEIGHT	3.8
TAR SPOT	4.4

4 STAR 6D19 VT2P RIB

- 100 Day
- VT Double PRO® RIB Complete® Corn Blend
- Excellent stalk, root, Goss' Wilt, and greensnap ratings
- Very good ability to move north to south for relative maturity
- Big-time yield potential with consistent performance over a wide range of soil types and yield environments
- Attractive appearance and very good late season intactness
- Good stalk anthracnose tolerance carries ASR gene
- Well suited for tough, rugged, average yield environments

PLANT HEIGHT	Medium-Short
DRY DOWN	Very Good
FUNGICIDE	No
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDUs TO BLACK LAYER	2443

VTDoublePRO
RIB COMPLETE

EARLY VIGOR	2.4
STALK STRENGTH	2.5
ROOT STRENGTH	2.5
NO-TILL	2.2
DROUGHT TOLERANCE	2.5
CORN ON CORN	3.0
PLANT HEALTH	3.1
TEST WEIGHT	3.0
TAR SPOT	3.5

4 STAR 6D22 VT2P RIB

- 102 Day
- VT Double PRO® RIB Complete® Corn Blend
- Very good stalks and roots with excellent test weight
- Excellent early vigor for minimum tillage and early planting
- Widely adapted product with excellent Goss' Wilt tolerance and low greensnap risk
- Excellent stalk and root ratings
- Long ears with good kernel depth, and great fall appearance
- Caution using Sulfonylureas herbicide family

PLANT HEIGHT	Medium-Tall
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDUs TO BLACK LAYER	2417

VTDoublePRO
RIB COMPLETE

EARLY VIGOR	3.0
STALK STRENGTH	3.5
ROOT STRENGTH	3.0
NO-TILL	2.0
DROUGHT TOLERANCE	3.0
CORN ON CORN	3.0
PLANT HEALTH	3.0
TEST WEIGHT	3.0
TAR SPOT	4.0

NOTES

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4 STAR 6D23 VT2P RIB

NEW

VT Double PRO[®]
RIB COMPLETE

- 103 Day
- VT Double PRO[®] RIB Complete[®] Corn Blend
- Semi-flex ear type with good drought tolerance
- Medium plant height with excellent top-end yield potential across all soil types
- Good stalk and root strength with good test weight
- Good stalk anthracnose tolerance carries the ASR gene
- Dual-purpose grain and silage hybrid
- Has very good dry down and works best in high yield environments
- Great emergence and vigor for early planting and reduced till acres

PLANT HEIGHT	Medium
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDU _s TO BLACK LAYER	2474

EARLY VIGOR	3.0
STALK STRENGTH	3.5
ROOT STRENGTH	3.0
NO-TILL	2.2
DROUGHT TOLERANCE	3.4
CORN ON CORN	4.0
PLANT HEALTH	3.2
TEST WEIGHT	3.4
TAR SPOT	3.2

4 STAR 6D33 VT2P RIB

VT Double PRO[®]
RIB COMPLETE

- 104 Day
- VT Double PRO[®] RIB Complete[®] Corn Blend
- Excellent movement across the Corn Belt north to south
- Strong response to irrigation with excellent Goss' Wilt tolerance
- Highly competitive throughout all yield environments
- Great early season vigor, outstanding no-till option
- Excellent early plant vigor and drought stress tolerance
- Very good greensnap tolerance and has ASR gene

PLANT HEIGHT	Medium
DRY DOWN	Excellent
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDU _s TO BLACK LAYER	2580

EARLY VIGOR	2.4
STALK STRENGTH	3.5
ROOT STRENGTH	3.5
NO-TILL	2.3
DROUGHT TOLERANCE	3.0
CORN ON CORN	3.4
PLANT HEALTH	3.2
TEST WEIGHT	3.5
TAR SPOT	3.2

4 STAR 6D41 VT2P RIB

VT Double PRO[®]
RIB COMPLETE

- 107 Day
- VT Double PRO[®] RIB Complete[®] Corn Blend
- Great emergence and seedling vigor
- Very strong yield potential across a wide range of yield environments
- Impressive stress and drought tolerance
- Very strong agronomics, including low risk to greensnap
- Very strong rooting strength

PLANT HEIGHT	Medium
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Pink
EAR TYPE	Semi-Flex
GDU _s TO BLACK LAYER	2448

EARLY VIGOR	3.3
STALK STRENGTH	4.0
ROOT STRENGTH	3.5
NO-TILL	3.3
DROUGHT TOLERANCE	3.5
CORN ON CORN	3.0
PLANT HEALTH	3.8
TEST WEIGHT	3.4
TAR SPOT	4.0

4 STAR 6D47 VT2P RIB

VT Double PRO[®]
RIB COMPLETE

- 109 Day
- VT Double PRO[®] RIB Complete[®] Corn Blend
- Excellent roots and very good stalks
- Very strong agronomics, including low risk to greensnap
- Big-time yield potential with consistent performance over a wide range of soil types and yield environments
- Good stalk anthracnose tolerance, carries ASR gene
- Very good seedling vigor for early planting or no-till practices

PLANT HEIGHT	Medium
DRY DOWN	Very Good
FUNGICIDE	No
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDU _s TO BLACK LAYER	2560

EARLY VIGOR	2.3
STALK STRENGTH	3.5
ROOT STRENGTH	2.4
NO-TILL	3.0
DROUGHT TOLERANCE	3.5
CORN ON CORN	2.6
PLANT HEALTH	3.0
TEST WEIGHT	2.9
TAR SPOT	3.0

4 STAR 6D52 VT2P RIB

- 110 Day
- VT Double PRO® RIB Complete® Corn Blend
- Widely adapted east to west and north to south
- Tremendous stalk and root strength
- Consistent ear size with good test weight
- Excellent Goss' Wilt tolerance
- Adapts to all soil types
- Low greensnap risk
- Very good dry down

PLANT HEIGHT	Medium
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Determinate
GDUs TO BLACK LAYER	2600

VTDoublePRO®
RIB COMPLETE

EARLY VIGOR	3.5
STALK STRENGTH	4.0
ROOT STRENGTH	3.4
NO-TILL	2.9
DROUGHT TOLERANCE	3.1
CORN ON CORN	3.5
PLANT HEALTH	3.9
TEST WEIGHT	3.2
TAR SPOT	4.0

4 STAR 6D53 VT2P RIB

NEW

- 110 Day
- VT Double PRO® RIB Complete® Corn Blend
- Very good stalks, roots, and Goss' Wilt ratings
- Medium plant height with excellent top-end yield potential across all soil types
- Goss' Wilt and greensnap tolerance allows broad placement east to west
- Semi flex ear type to encourage lower plant populations to maintain high yields in high stress areas
- Excellent dry down
- Consistent performance over a wide range of soil types

PLANT HEIGHT	Medium
DRY DOWN	Very Good
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDUs TO BLACK LAYER	2562

VTDoublePRO®
RIB COMPLETE

EARLY VIGOR	3.5
STALK STRENGTH	3.8
ROOT STRENGTH	3.5
NO-TILL	3.0
DROUGHT TOLERANCE	3.0
CORN ON CORN	4.0
PLANT HEALTH	3.3
TEST WEIGHT	3.5
TAR SPOT	4.0

4 STAR 6D59 VT2P RIB

- 110 Day
- VT Double PRO® RIB Complete® Corn Blend
- Very strong yield potential across a wide range of yield environments
- Semi-flex ear type with excellent drought tolerance
- Good stalk anthracnose tolerance carries the ASR gene
- Attractive appearance and very good late season intactness
- Exceptional test weight and grain quality

PLANT HEIGHT	Medium-Tall
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDUs TO BLACK LAYER	2700

VTDoublePRO®
RIB COMPLETE

EARLY VIGOR	3.5
STALK STRENGTH	3.5
ROOT STRENGTH	3.5
NO-TILL	2.5
DROUGHT TOLERANCE	3.5
CORN ON CORN	4.0
PLANT HEALTH	3.5
TEST WEIGHT	3.2
TAR SPOT	3.4

4 STAR 6D61 VT2P RIB

NEW

- 111 Day
- VT Double PRO® RIB Complete® Corn Blend
- Very good stalks, roots, and Goss' Wilt ratings
- Big-time yield potential with consistent performance over a wide range of soil types and yield environments
- Very strong agronomics, including low risk to greensnap
- Good stalk anthracnose tolerance, carries the ASR gene
- Semi-flex ear type with good drought tolerance
- Excellent movement across the Corn Belt north to south

PLANT HEIGHT	Medium
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDUs TO BLACK LAYER	2498

VTDoublePRO®
RIB COMPLETE

EARLY VIGOR	3.5
STALK STRENGTH	3.0
ROOT STRENGTH	3.0
NO-TILL	3.0
DROUGHT TOLERANCE	3.5
CORN ON CORN	4.0
PLANT HEALTH	3.0
TEST WEIGHT	3.7
TAR SPOT	4.0

NOTES

NOTES

CORN PRODUCTS

4 STAR 6D63 VT2P RIB

- 112 Day
- VT Double PRO® RIB Complete® Corn Blend
- Widely adapted east to west
- Tremendous stalk and root strength
- Very good Goss' Wilt tolerance
- Responds to high management
- Consistent performance over a wide range of soil types
- Good stalk anthracnose tolerance carries the ASR gene

PLANT HEIGHT	Medium-Tall
DRY DOWN	Good
FUNGICIDE	No
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDU _s TO BLACK LAYER	2655



EARLY VIGOR	3.0
STALK STRENGTH	3.6
ROOT STRENGTH	3.0
NO-TILL	2.3
DROUGHT TOLERANCE	3.3
CORN ON CORN	3.0
PLANT HEALTH	3.0
TEST WEIGHT	2.9
TAR SPOT	4.2

4 STAR 6D72 VT2P RIB

- 114 Day
- VT Double PRO® RIB Complete® Corn Blend
- Widely adapted east to west and north to south
- Very strong yield potential across a wide range of yield environments
- Attractive appearance and very good late season intactness
- Good stalk anthracnose tolerance carries the ASR gene
- Very good physoderma node breakage rating
- Consistent performance over a wide range of soil types

PLANT HEIGHT	Tall
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	High
COB COLOR	Red
EAR TYPE	Semi-Flex
GDU _s TO BLACK LAYER	2796



EARLY VIGOR	3.5
STALK STRENGTH	3.5
ROOT STRENGTH	3.8
NO-TILL	3.0
DROUGHT TOLERANCE	3.0
CORN ON CORN	4.0
PLANT HEALTH	3.4
TEST WEIGHT	3.6
TAR SPOT	4.4

4 STAR 6T10 TRECEPTA RIB

NEW

- 98 Day
- Trecepta® RIB Complete® Corn Blend
- Very strong yield potential in tough to medium yield environments
- Great early season vigor—outstanding no-till option
- Wide adaptability for planting populations with good ear flex
- Very good greensnap and Goss' wilt tolerance
- Impressive stress and drought tolerance
- Medium stature, higher-eared hybrid with very good stalks and roots

PLANT HEIGHT	Medium
DRY DOWN	Very Good
FUNGICIDE	Yes
EAR HEIGHT	Medium-High
COB COLOR	Red
EAR TYPE	Semi-Flex
GDU _s TO BLACK LAYER	2435



EARLY VIGOR	3.3
STALK STRENGTH	3.5
ROOT STRENGTH	3.5
NO-TILL	2.2
DROUGHT TOLERANCE	2.5
CORN ON CORN	4.0
PLANT HEALTH	3.2
TEST WEIGHT	3.4
TAR SPOT	4.0

4 STAR 6T20 TRECEPTA RIB

NEW

- 104 Day
- Trecepta® RIB Complete® Corn Blend
- Excellent stalk, root, Goss' Wilt, and greensnap ratings
- Semi-flex ear type with good drought tolerance
- Works very well in medium to high yield environments
- Attractive appearance and very good late season intactness
- Moves south of its maturity range and maintains yield
- Very good dry down

PLANT HEIGHT	Medium
DRY DOWN	Good
FUNGICIDE	Yes
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDU _s TO BLACK LAYER	2590



EARLY VIGOR	3.5
STALK STRENGTH	3.7
ROOT STRENGTH	3.2
NO-TILL	3.0
DROUGHT TOLERANCE	2.3
CORN ON CORN	4.0
PLANT HEALTH	3.4
TEST WEIGHT	3.7
TAR SPOT	4.0

4 STAR 6T64 TRECEPTA RIB

- 112 Day
- Trecepta® RIB Complete® Corn Blend
- Widely adapted east to west and north to south
- Very strong agronomics, including low risk to greensnap
- Attractive appearance and very good late season intactness
- Good stalk anthracnose tolerance, carries the ASR gene
- Great early season vigor, outstanding no-till option
- Excellent Goss' Wilt tolerance
- Very good dry down

PLANT HEIGHT	Medium
DRY DOWN	Good
FUNGICIDE	No
EAR HEIGHT	Medium-High
COB COLOR	Red
EAR TYPE	Semi-Determinate
GDUs TO BLACK LAYER	2685

Trecepta®
RIB COMPLETE®

EARLY VIGOR	2.5
STALK STRENGTH	3.0
ROOT STRENGTH	3.0
NO-TILL	2.5
DROUGHT TOLERANCE	3.0
CORN ON CORN	3.0
PLANT HEALTH	3.0
TEST WEIGHT	3.0
TAR SPOT	3.2

4 STAR 6T77 TRECEPTA RIB

- 115 Day
- Trecepta® RIB Complete® Corn Blend
- Plant low to medium plant population for best performance
- Very stable under heat and drought conditions
- Very strong yield potential across a wide range of yield environments
- Excellent Goss' Wilt tolerance
- Very good physoderma node breakage rating
- Dual-purpose potential is great for silage
- Very good dry down

PLANT HEIGHT	Medium-Tall
DRY DOWN	Very Good
FUNGICIDE	No
EAR HEIGHT	Medium
COB COLOR	Red
EAR TYPE	Semi-Flex
GDUs TO BLACK LAYER	2800

Trecepta®
RIB COMPLETE®

EARLY VIGOR	3.5
STALK STRENGTH	2.5
ROOT STRENGTH	2.8
NO-TILL	2.1
DROUGHT TOLERANCE	2.3
CORN ON CORN	3.0
PLANT HEALTH	2.9
TEST WEIGHT	3.0
TAR SPOT	3.0



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.

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 state in your state.

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.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Glyphosate will kill crops that are not tolerant to glyphosate.

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.

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.

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.



Acceleron®, DroughtGard®, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready®, Roundup®, SmartStax and Design®, SmartStax®, Trecepta®, Trecepta® RIB Complete®, VT Double PRO®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready PLUS®, SR and Design®, TruFlex™, VaporGrip®, XtendFlex® and XtendiMax® are trademarks of Bayer Group. LibertyLink® and the Water Droplet Design® are registered trademarks of BASF Corporation. Herculex® is a registered trademark of Corteva AgroSciences LLC. Agrisure Viptera® is a registered trademark of Syngenta. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. All other trademarks are the property of their respective owners.

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

Seeds containing the Enlist, Herculex and PowerCore traits are protected under numerous US patents. Seeds containing patented traits can only be used to plant a single commercial crop and cannot be saved or replanted. 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 Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements detailed therein (www.corteva.us/Resources/trait-stewardship.html). To plant Enlist, Herculex and PowerCore seed, you must have a limited license from Corteva Agriscience. In consideration of the foregoing, Corteva Agriscience grants to the Grower the 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. 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. Enlist corn contains genes that confer tolerance to 2,4-D and -fop herbicides. 2,4-D and -fop herbicides will damage or kill crops that are not tolerant to 2,4-D or -fops.

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 Dow AgroSciences technologies can be found at the following webpage: www.corteva.us/Resources/trait-stewardship.html.

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS product launch stewardship guidance and Dow AgroSciences Product Launch Stewardship Policy. No crop or material produced from this product can be exported to, used, processed or sold 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. For further information about your crop or grain marketing options, contact DAS at 877-4-TRAITS (877-487-2487). Information regarding the regulatory and market status of agricultural biotechnology products can be found at: www.biotradestatus.com.




The transgenic soybeans 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. Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship.

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SCALE: 1 = BEST, 9 = WORST

Product	New in 2024	Maturity Days	Early Vigor	Stalk Strength	Root Strength	No-Till	Drought Tolerance	Corn on Corn	Plant Health	Tar Spot	Test Weight	
4 Star 6P11 SS PRO RIB	NEW	101	3.5	3.5	3.6	2.4	3.2	2.0	2.8	3.0	2.8	
4 Star 6P38 SS PRO RIB		107	3.2	3.1	3.2	2.5	3.0	2.0	3.0	4.0	3.0	
4 Star 6P61 SS PRO RIB	NEW	111	3.0	3.0	3.0	2.5	3.2	2.0	3.1	4.0	3.6	
4 Star 6S17 SS RIB		100	3.1	3.0	3.5	3.0	3.0	2.0	3.2	4.0	3.0	
4 Star 6S21 SS RIB		103	2.4	3.5	3.5	2.5	3.1	2.0	3.0	3.8	3.4	
4 Star 6S37 SS RIB		107	3.4	3.3	3.0	2.8	3.5	2.0	3.1	4.0	3.2	
4 Star 6S60 SS RIB		110	3.0	3.0	3.3	2.5	3.5	2.0	3.0	4.0	3.4	
4 Star 6S64 SS RIB		110	3.5	3.0	2.5	3.0	3.5	2.0	3.0	4.0	3.4	
4 Star 6S74 SS RIB		112	3.0	3.6	3.0	2.0	3.3	3.2	3.0	4.2	2.8	
4 Star 6S75 SS RIB		112	3.0	3.4	3.4	2.5	3.3	3.0	3.0	4.2	3.4	
4 Star 6D17 VT2P RIB		99	3.1	3.7	3.0	2.0	3.5	3.3	3.0	4.4	3.8	
4 Star 6D19 VT2P RIB		100	2.4	2.5	2.5	2.2	2.5	3.0	3.1	3.5	3.0	
4 Star 6D22 VT2P RIB		102	3.0	3.5	3.0	2.0	3.0	3.0	3.0	4.0	3.0	
4 Star 6D23 VT2P RIB	NEW	103	3.0	3.5	3.0	2.2	3.4	4.0	3.2	3.2	3.4	
4 Star 6D33 VT2P RIB		104	2.4	3.5	3.5	2.3	3.0	3.4	3.2	3.2	3.5	
4 Star 6D41 VT2P RIB		107	3.3	4.0	3.5	3.3	3.5	3.0	3.8	4.0	3.4	
4 Star 6D47 VT2P RIB		109	2.3	3.5	2.4	3.0	3.5	2.6	3.0	3.0	2.9	
4 Star 6D52 VT2P RIB		110	3.5	4.0	3.4	2.9	3.1	3.5	3.9	4.0	3.2	
4 Star 6D53 VT2P RIB	NEW	110	3.5	3.8	3.5	3.0	3.0	4.0	3.3	4.0	3.5	
4 Star 6D59 VT2P RIB		110	3.5	3.5	3.5	2.5	3.5	4.0	3.5	3.4	3.2	
4 Star 6D61 VT2P RIB	NEW	111	3.5	3.0	3.0	3.0	3.5	4.0	3.0	4.0	3.7	
4 Star 6D63 VT2P RIB		112	3.0	3.6	3.0	2.3	3.3	3.0	3.0	4.2	2.9	
4 Star 6D72 VT2P RIB		114	3.5	3.5	3.8	3.0	3.0	4.0	3.4	4.4	3.6	
4 Star 6T10 TRECEPTA RIB	NEW	98	3.3	3.5	3.5	2.2	2.5	4.0	3.2	4.0	3.4	
4 Star 6T20 TRECEPTA RIB	NEW	104	3.5	3.7	3.2	3.0	2.3	4.0	3.4	4.0	3.7	
4 Star 6T64 TRECEPTA RIB		112	2.5	3.0	3.0	2.5	3.0	3.0	3.0	3.2	3.0	
4 Star 6T77 TRECEPTA RIB		115	3.5	2.5	2.8	2.1	2.3	3.0	2.9	3.0	3.0	



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NOTES

FOUR STAR SEED

SOYBEAN PRODUCTS

2.0 - 3.1 RELATIVE MATURITIES

including **XtendFlex® Soybeans** and **Enlist E3® Soybeans**

We offer a full line of seed treatments for soybeans to fit your operation. Talk to your sales rep for what is available!



XtendFlex® Soybeans

Built on high-yielding Roundup Ready 2 Xtend® Technology, **XtendFlex® soybeans** provide farmers with yet another option to drive and protect their yield potential with triple-stacked tolerance to dicamba, glyphosate and glufosinate.



Enlist E3® Soybeans

Enlist E3® soybeans provide tolerance to new 2,4-D choline, glyphosate and glufosinate.

A CLOSER LOOK AT THE ENLIST® WEED CONTROL SYSTEM FOR SOYBEANS



2,4-D choline | Glyphosate | Glufosinate

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 E3® soybean crops.



- Convenient proprietary blend of 2,4-D choline and glyphosate
- The two sites of action work together to deliver control of yield-robbing weeds and help prevent resistance



- Straight-goods 2,4-D choline with additional tank-mix flexibility
- Provides additional tank-mix flexibility with Durango® DMA® herbicide, Liberty® herbicide and other qualified tank-mix products, allowing for a customized weed control program to fit each farm

On-Target Application

- 90% less drift than traditional 2,4-D
- 96% less volatile than 2,4-D ester

4 STAR 4F211 XTENDFLEX

NEW

- 2.0 Maturity
- XtendFlex® Soybeans
- Highly adaptable variety to soils, fertility, and yield environments
- Excellent field stress tolerance
- Very good Iron Chlorosis tolerance for IDC-prone soils
- Great emergence scores for no-till or early planting
- Well-adapted throughout Iowa, Nebraska, and South Dakota

FLOWER	Purple
PUBESCENCE	Gray
HILUM	Imperfect Black
ROW TYPE	All
HEIGHT	Medium+
PHYTOPHTHORA GENE	Rps 3a
SCN	PI 88.788



SDS	3.5
IDC	2.8
PRR TOL. (FIELD RATING)	3.2
STANDABILITY	2.8
EMERGENCE	1.8
WHITE MOLD	3.5

4 STAR 4F241 XTENDFLEX

- 2.4 Maturity
- XtendFlex® Soybeans
- Tough, rugged, tall soybean with very good standability
- Has above average IDC and White Mold ratings
- Well-adapted throughout 4 Star geography
- Very tolerant to all soils, fertility, and yield environments
- Rps 1c PRR gene/SCN resistant

FLOWER	Purple
PUBESCENCE	Gray
HILUM	Imperfect Black
ROW TYPE	All
HEIGHT	Tall
PHYTOPHTHORA GENE	Rps 1c
SCN	PI 88.788



SDS	3.8
IDC	2.9
PRR TOL. (FIELD RATING)	3.8
STANDABILITY	2.8
EMERGENCE	2.0
WHITE MOLD	4.0

4 STAR 4F271 XTENDFLEX

- 2.7 Maturity
- XtendFlex® Soybeans
- Extremely adaptable throughout the entire 4 Star geography
- Medium-tall plant with great standability and big yield potential
- Very good BSR and Iron Chlorosis tolerance
- Great phytophthora ratings with the Rps 1c gene
- Highly adaptable variety to soils, fertility, and yield environments

FLOWER	Purple
PUBESCENCE	Gray
HILUM	Imperfect Black
ROW TYPE	All
HEIGHT	Medium-Tall
PHYTOPHTHORA GENE	Rps 1c
SCN	NG



SDS	3.9
IDC	3.7
PRR TOL. (FIELD RATING)	3.8
STANDABILITY	3.8
EMERGENCE	2.0
WHITE MOLD	5.0

4 STAR 4F272 XTENDFLEX

NEW

- 2.7 Maturity
- XtendFlex® Soybeans
- Robust plant style with high-yield potential
- Excellent standability and defensive package
- Well-adapted throughout Iowa, Nebraska, and South Dakota
- Highly adaptable variety to soils, fertility, and yield environments
- BSR resistant and very good Iron Chlorosis tolerance

FLOWER	Purple
PUBESCENCE	Gray
HILUM	Imperfect Black
ROW TYPE	All
HEIGHT	Medium-Tall
PHYTOPHTHORA GENE	Rps 1c
SCN	PI 88.788



SDS	2.9
IDC	4.3
PRR TOL. (FIELD RATING)	4.2
STANDABILITY	3.0
EMERGENCE	1.8
WHITE MOLD	4.8

NOTES

SOYBEAN PRODUCTS

NOTES

4 STAR 4F291 XTENDFLEX

- 2.9 Maturity
- XtendFlex® Soybeans
- Highly adaptable variety to soils, fertility, and yield environments
- Consistent with dominating yields in this maturity
- Tough, rugged, tall soybean with very good standability
- Well-adapted throughout 4 Star geography
- Outstanding emergence and field stress tolerances

FLOWER	Purple
PUBESCENCE	Gray
HILUM	Imperfect Black
ROW TYPE	All
HEIGHT	Tall
PHYTOPHTHORA GENE	Rps 1c
SCN	PI 88.788



SDS	2.8
IDC	4.0
PRR TOL. (FIELD RATING)	4.0
STANDABILITY	3.0
EMERGENCE	2.0
WHITE MOLD	3.9

4 STAR 4F310 XTENDFLEX

- 3.1 Maturity
- XtendFlex® Soybeans
- Tough, rugged, medium-tall soybean with very good standability
- Has above average IDC and White Mold ratings
- Well-adapted throughout Iowa and Nebraska
- Uniform line that really maintains plant integrity under stress
- Robust plant style with high-yield potential

FLOWER	Purple
PUBESCENCE	Gray
HILUM	Imperfect Black
ROW TYPE	All
HEIGHT	Medium-Tall
PHYTOPHTHORA GENE	Rps 1c
SCN	PI 88.788



SDS	3.0
IDC	2.9
PRR TOL. (FIELD RATING)	4.2
STANDABILITY	2.8
EMERGENCE	1.9
WHITE MOLD	3.8

PRODUCT	NEW IN 2024	MATURITY	FLOWER	PUBESCENCE	HILUM	ROW TYPE	HEIGHT	PLANT TYPE	EMERGENCE	STANDABILITY	PRR TOLERANCE (FIELD RATING)	IDC	PHYTOPHTHORA GENE	BSR	SDS	WHITE MOLD	SCN
4 Star 4F211 XtendFlex	NEW	2.0	Purple	Gray	Imperfect Black	All	Medium+	Moderate Branching	1.8	2.8	3.2	2.8	Rps 3a	MR	3.5	3.5	PI 88.788
4 Star 4F241 XtendFlex		2.4	Purple	Gray	Imperfect Black	All	Tall	Medium-Bushy	2.0	2.8	3.8	2.9	Rps 1c	R	3.8	4.0	PI 88.788
4 Star 4F271 XtendFlex		2.7	Purple	Gray	Imperfect Black	All	Medium-Tall	Medium-Bushy	2.0	3.8	3.8	3.7	Rps 1c	R	3.9	5.0	NG
4 Star 4F272 XtendFlex	NEW	2.7	Purple	Gray	Imperfect Black	All	Medium-Tall	Medium-Bushy	1.8	3.0	4.2	4.3	Rps 1c	R	2.9	4.8	PI 88.788
4 Star 4F291 XtendFlex		2.9	Purple	Gray	Imperfect Black	All	Tall	Medium-Bushy	2.0	3.0	4.0	4.0	Rps 1c	R	2.8	3.9	PI 88.788
4 Star 4F310 XtendFlex		3.1	Purple	Gray	Imperfect Black	All	Medium-Tall	Medium-Bushy	1.9	2.8	4.2	2.9	Rps 1c	R	3.0	3.8	PI 88.788

BSR: R = Resistance, MR = Moderate Resistance SCN: NG = No Gene

4 STAR 2E203 ENLIST E3

NEW



- 2.0 Maturity
- Enlist E3™ Soybeans
- Excellent field stress tolerances moves south of its maturity zone
- Rugged plant type that works across variable yield environments
- Medium-tall plant height with great east to west performance
- Great emergence scores for no-till or early planting
- Yields extremely well even in low yield environments

FLOWER	Purple
PUBESCENCE	Light Tawny
HILUM	Black
ROW TYPE	All
HEIGHT	Medium-Tall
PHYTOPHTHORA GENE	Rps 1k
SCN	PI 88.788

SDS	3.1
IDC	2.9
PRR TOL. (FIELD RATING)	3.4
STANDABILITY	2.8
EMERGENCE	1.8
WHITE MOLD	3.2

4 STAR 2E240 ENLIST E3

NEW



- 2.4 Maturity
- Enlist E3® Soybeans
- Unique plant style that brings significant height and standability
- Excellent standability and defensive package
- Well-adapted throughout Iowa, Nebraska, and South Dakota
- Highly adaptable variety to soils, fertility, and yield environments
- High yield performance throughout 4 Star geography

FLOWER	Purple
PUBESCENCE	Gray
HILUM	Buff
ROW TYPE	All
HEIGHT	Medium-Tall
PHYTOPHTHORA GENE	Rps 1a
SCN	PI 88.788

SDS	2.8
IDC	3.2
PRR TOL. (FIELD RATING)	3.4
STANDABILITY	3.4
EMERGENCE	1.9
WHITE MOLD	3.8

4 STAR 2E261 ENLIST E3

NEW



- 2.6 Maturity
- Enlist E3® Soybeans
- Medium-tall plant with great standability and big yield potential
- Extremely adaptable throughout the entire 4 Star geography
- Well-adapted throughout Iowa, Nebraska, and South Dakota
- Outstanding BSR and PRR tolerance/Rps 1k PRR gene
- Very tolerant to all soils, fertility, and yield environments

FLOWER	Purple
PUBESCENCE	Gray
HILUM	Imperfect Black
ROW TYPE	All
HEIGHT	Medium-Tall
PHYTOPHTHORA GENE	Rps 1k
SCN	PI 88.788

SDS	3.2
IDC	3.1
PRR TOL. (FIELD RATING)	3.8
STANDABILITY	2.8
EMERGENCE	2.0
WHITE MOLD	3.4

4 STAR 2E270 ENLIST E3



- 2.7 Maturity
- Enlist E3® Soybeans
- Medium-tall plant that moves throughout Iowa and Nebraska
- Excellent field stress tolerances
- Uniform line that really maintains plant integrity under stress
- Terrific emergence scores for no-till or early planting
- SCN resistant

FLOWER	White
PUBESCENCE	Gray
HILUM	Buff
ROW TYPE	All
HEIGHT	Medium+
PHYTOPHTHORA GENE	Rps 1K
SCN	PI 88.788

SDS	3.1
IDC	2.9
PRR TOL. (FIELD RATING)	3.1
STANDABILITY	2.2
EMERGENCE	1.9
WHITE MOLD	3.8

NOTES

SCALE: 1 = BEST, 9 = WORST

NOTES

4 STAR 2E293 ENLIST E3

NEW



- 2.9 Maturity
- Enlist E3® Soybeans
- Medium-tall plant height with robust plant style with high-yield potential
- Very good standability and defensive package
- Well-adapted throughout Iowa and Nebraska
- Highly adaptable variety to soils, fertility, and yield environments
- Uniform line that really maintains plant integrity under stress

FLOWER	Purple
PUBESCENCE	Gray
HILUM	Imperfect Black
ROW TYPE	All
HEIGHT	Medium-Tall
PHYTOPHTHORA GENE	NG
SCN	PI 88.788

SDS	3.2
IDC	3.8
PRR TOL. (FIELD RATING)	2.9
STANDABILITY	3.0
EMERGENCE	1.9
WHITE MOLD	3.9

PRODUCT	NEW IN 2024	MATURITY	FLOWER	PUBESCENCE	HILUM	ROW TYPE	HEIGHT	PLANT TYPE	EMERGENCE	STANDABILITY	PRR TOLERANCE (FIELD RATING)	IDC	PHYTOPHTHORA GENE	BSR	SDS	WHITE MOLD	SCN
4 Star 2E203 Enlist E3	NEW	2.0	Purple	Light Tawny	Black	All	Medium-Tall	Moderate Branching	1.8	2.8	3.4	2.9	Rps 1k	NG	3.1	3.2	PI 88.788
4 Star 2E240 Enlist E3	NEW	2.4	Purple	Gray	Buff	All	Medium-Tall	Moderate Branching	1.9	3.4	3.4	3.2	Rps 1a	NG	2.8	3.8	PI 88.788
4 Star 2E261 Enlist E3	NEW	2.6	Purple	Gray	Imperfect Black	All	Medium-Tall	Medium-Bushy	2.0	2.8	3.8	3.1	Rps 1k	R	3.2	3.4	PI 88.788
4 Star 2E270 Enlist E3		2.7	White	Gray	Buff	All	Medium+	Medium-Bushy	1.9	2.2	3.1	2.9	Rps 1K	NA	3.1	3.8	PI 88.788
4 Star 2E293 Enlist E3	NEW	2.9	Purple	Gray	Imperfect Black	All	Medium-Tall	Moderate Branching	1.9	3.0	2.9	3.8	NG	NG	3.2	3.9	PI 88.788

BSR: R = Resistance, NG = No Gene, NA = Not Available

Think Before You Bin Run



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 Road, Suite 150, Creve Coeur, MO 63141
3. Submit a contact request at cropsience.bayer.us/contact or scan the QR code



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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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Estimating Plant Population

An accurate estimate of plant population per acre can be obtained by counting the number of stalks in a length of row equal to 1/1000 of an acre. Make at least three counts at separate sections of the cornfield, figure the average of these samples, then multiply this number times one thousand.

Row Width	Row Length Equal to 1/1000 Acre
20"	26' 1"
24"	21' 9"
28"	18' 8"
30"	17' 5"
32"	16' 4"
36"	14' 6"
38"	13' 9"
40"	13' 1"

Number and Length of Rows in an Acre

One fairly accurate way to determine the number of acres in a cornfield, or portion of a cornfield, is by computing the length of the rows and the distance between rows. The following table shows the number and length of rows in one acre.

Length of Rows in Feet	If distance between row is:						
	20"	24"	30"	32"	36"	38"	40"
660	39.6	33.0	26.4	24.7	22.0	20.8	19.8
990	26.4	22.0	17.6	16.5	14.7	13.9	13.2
1,320	19.5	16.5	13.2	12.7	11.0	10.4	9.9
1,650	15.8	13.2	10.5	9.9	8.8	8.3	7.9
1,980	13.2	11.0	8.7	8.2	7.3	6.9	6.5
2,310	11.3	9.4	7.5	7.0	6.3	5.9	5.6
2,640	9.8	8.2	6.6	6.2	5.5	5.2	4.9

Formula for Determining Yield per Acre (Corn)

Use this formula to determine bu./A of No. 2 (15%) shelled corn:

$(100 - \text{harvest moisture}) \times (\text{lbs. grain harvested}) \times (110.465) / (\text{row length, ft.}) / (\text{row width, in.}) / (\text{no. rows harvested}) = \text{bu./A}$

EXAMPLE: Six 30" rows 1,980 feet (120 rods) in length are harvested, yielding 6500 lbs. of shelled corn at 18.9% moisture:
 $(100 - 18.9 = 81.1) \times (6500) \times (110.465) / (1,980) / (30) / (6) = 163.4 \text{ bu./A}$

Formula for Determining Yield per Acre (Soybeans)

Use this formula to determine bu./A of soybeans:

$(100 - \text{moisture}) \times (\text{lbs. soybeans harvested}) \times (100.138) / (\text{row length, ft.}) / (\text{row width, in.}) / (\text{no. rows harvested}) = \text{bu. of yield per acre at 13\%}$

Estimating Bin and Silo Capacity

Round Bins: To estimate the capacity of a bin, multiply the depth in feet by the diameter squared (diameter x diameter). Multiply this by .628 to determine shelled corn capacity in bushels. Divide by 2 to determine bushels of ear corn storage.

Square or Rectangular Bins: Multiply the length by the width by the depth of grain, all in feet. Multiply this by .80 to determine the number of bushels of shelled corn that can be stored in the bin. For ear corn, divide this figure by 2.

Weights and Measures Guide

Linear Measure (Length)

1 league = 3 miles
 1 mile = 5,280 feet or 320 rods
 1 furlong = 40 rods
 1 rod = 16 ½ feet
 1 yard = 3 feet
 1 foot = 12 inches

Square Measure (Area)

1 acre = 160 square rods or 43,560 square feet
 1 sq. rod = 20 ¼ square yards
 1 sq. yard = 9 square feet
 1 sq. foot = 144 square inches

Cubic Measure (Volume)

1 cubic yard = 27 feet
 1 cubic foot = 1,728 cu. inches
 1 cord (4' x 4' x 8') = 8 cord feet
 1 cord foot (4' x 4' x 1') = 16 cord feet
 2.5 cu. ft. of ear corn = 1 bushel
 1.2 cu. ft. of shelled corn = 1 bushel

Liquid Measure

1 gallon = 4 quarts
 1 quart = 2 pints
 1 pint = 4 gills
 1 pint = 16 fluid ounces

Dry Measure

1 bushel = 4 pecks
 1 peck = 8 quarts
 1 quart = 2 pints

Weight (Ordinary Commodities)

1 long ton = 2,240 pounds
 1 short ton = 2,000 pounds
 1 hundredweight (cwt.) = 100 pounds
 1 stone = 14 pounds
 1 pound (lbs.) = 16 ounces
 1 ounce (oz.) = 16 drams

Fertilizer Weight and Measures

Pounds of Active Nutrient per Gallon

Liquid:		N	P	K
1 gallon 28% (28-0-0) =	10.66 lbs.	2.98	0	0
1 gallon 10-34-0 =	11.65 lbs.	1.16	3.96	0
1 gallon 7-21-7 =	11.00 lbs.	0.77	2.31	0.77
1 gallon 9-18-9 =	11.11 lbs.	0.99	1.99	0.99
1 gallon NH (82-0-0) =	5.15 lbs.	4.22	0	0

Dry Bulk:

Ammonium Sulfate (21-0-0)	60-64 lbs./cu. ft.
Ammonium Nitrate (34-0-0)	58-62 lbs./cu. ft.
Urea (46-0-0)	48-52 lbs./cu. ft.
Diammonium Phosphate (18-14-0)	56-60 lbs./cu. ft.
Ammonium Phosphate (16-20-0)	58-62 lbs./cu. ft.
Coarse Muriate of Potash (0-0-60)	66-70 lbs./cu. ft.

Volume Conversion Factors

Cu. ft. x 0.8 = bushels grain or shelled corn	Gallons x 0.1337 = cu. ft.
Cu. ft. x 0.4 = bushels ear corn	Cu. in. ÷ 1,728 = cu. ft.
Cu. ft. x 7.48 = gallons	Cu. yd. x 27 = cu. ft.
Cu. ft. x 62.4 = pounds of water	Cu. ft. ÷ 27 = cu. yds.
Gallons x 8.330 = pounds of water	

Growing Degree Definition for Corn

Amount of time, or heat, required to mature a specific hybrid can be expressed in several ways.

Use of "Growing Degrees" is a common method. The formula is:

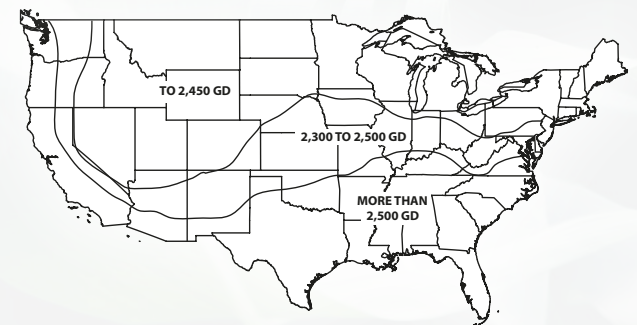
$$GD = \frac{(\text{Daily max. temp}^* + \text{Daily min. temp}^{**})}{2} - 50^{\circ} F$$

* Use 86 if maximum temperature exceeds 86° F.

** Use 50 minimum temperature if less than 50° F.

The GDs are accumulated through the appropriate period or season. GD is a relative rating and should not be associated with absolute days. For example, on a day when the low is 48° and the high is 90°, the GD is determined as follows:

$$GD = \frac{(86^{\circ} + 50^{\circ})}{2} - 50^{\circ} F = 18$$



Seeds Per Pound

Desired Seeds Per Acre	2,000	2,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900	3,000	3,100	3,200	3,300	3,400	3,500
125,000	63	60	57	54	52	50	48	46	45	43	42	40	39	38	37	36
140,000	70	67	64	61	58	56	54	52	50	48	47	45	44	42	41	40
150,000	75	71	68	65	62	60	58	56	54	53	50	48	47	45	44	43
160,000	80	76	73	70	67	64	62	59	57	55	53	52	50	48	47	46
175,000	88	83	80	76	73	70	67	63	63	60	58	56	55	53	51	50
185,000	93	88	84	80	77	74	71	69	66	64	62	60	58	56	54	53
200,000	100	95	91	87	83	80	77	74	71	69	67	65	63	61	59	57
215,000	108	102	98	93	90	86	83	80	77	74	72	69	67	65	63	61
225,000	113	107	102	98	94	90	87	83	80	78	75	73	70	68	66	64

APPROXIMATE POUNDS PER ACRE

Note: Figures for lbs./Acre have been rounded to nearest whole number

Soybean Hoop Method

1. How to do stand counts: NH³ hose works well for determining populations of drilled soybeans. A 127 inch length of this hose fastened together at the two ends with a barb, wooden dowel or duct tape makes a good hoop that can be tossed on the field to determine the population. Each soybean found within the center of the hoop represents 5,000 plants per acre.

2. A 28" diameter hoop, take the plants counted in the hoop times 10,000. Due to the smaller sample size take a few more counts with this size hoop.

Rowed Bean Stand Count Distances
 15" 34'-10" is 1/1,000th of an acre
 19" 26'-6"
 30" 17'-5"
 38" 13'-9"

3. A real hula-hoop can be used to estimate drilled or broadcasted soybean populations. Randomly throw the hula-hoop in at least five locations in a soybean field and average the results. If you know the inside diameter of the hoop you can estimate the number of plants per acre.

Inside Diameter of Hoop	Each Plant Inside Hoop Represents Plants Per Acre
18"	24,662
21"	18,119
24"	13,872
27"	10,961
30"	8,878
33"	7,337
36"	6,165

Example: 18" hoop (5 plants inside hoop)
 5 x 24,662 = 123,310 Plants Per Acre

Horizontal Silo Capacity, Wet Tons

65% moisture; 40 lbs/ft³ or 50 ft³ = 1 ton; 1.25 ft³/bu. Silo assumed level full. Capacities rounded to nearest 5 tons. To calculate capacity of other silo sizes, multiply silage depth, ft, by silo width, ft, by silo length, ft, and divide by 50.

Depth ft	Silo floor width, ft								
	20	30	40	50	60	70	80	90	100
wet tons/ 10' length									
10	40	60	80	100	120	140	160	180	200
12	50	70	95	120	145	170	190	215	240
14	55	85	110	140	170	195	225	250	280
16	65	95	130	160	190	225	255	290	320
18	70	110	145	180	215	250	290	325	360
20	80	120	160	200	240	280	320	360	400

Horizontal Silo Capacity, Dry Tons

Silo assumed, level full. Capacities rounded to nearest 5 tons.

Depth ft	Silo floor width, ft								
	20	30	40	50	60	70	80	90	100
tons dry matter/ 10' length									
10	15	20	30	35	40	50	55	65	70
12	15	25	35	40	50	60	65	75	85
14	20	30	40	50	60	70	80	90	100
16	20	35	45	55	65	80	90	100	110
18	25	40	50	65	75	90	100	115	125
20	30	40	55	70	85	100	110	125	140

Seeds Per Foot


Row Width	12	11	10	9	8	7	6	5	4	3	2.5	2
Seeds Per Acre in Thousands												
7"	896	821	746	671	598	521	448	373	299	224	187	150
10"	627	575	523	471	419	367	314	262	209	157		
14"	448	411	374	336	300	263	224	188	150			
15"	418	383	348	313	278	243	209	173	138			
20"	314	288	262	236	210	184	158	132				
24"	261	239	217	195	173	151	129					
28"	224	205	186	167	148	129						
30"	209	192	175	158	141	124						
32"	196	180	164	148	132							
36"	174	160	145	140								
38"	165	151	137									

Figuring Acreage

RECTANGULAR OR SQUARE FIELDS

Acre = 43,560 sq. ft.

$$\text{Acres} = \frac{\text{Area in sq. ft.}}{43,560}$$

$$\text{Acre} = \frac{\text{Length} \times \text{Height (in. ft.)}}{43,560}$$


TRIANGULAR FIELDS

$$\text{Acre} = \frac{\text{Base} \times \text{Height (in. ft.)}}{2 \times 43,560}$$



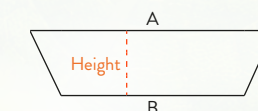
PARALLELOGRAM (OPPOSITE SIDES PARALLEL)

$$\text{Acre} = \frac{\text{Base} \times \text{Height (in. ft.)}}{43,560}$$



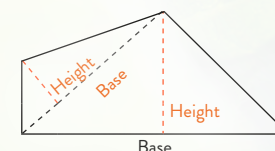
TRAPEZOID (TWO SIDES PARALLEL)

$$\text{Acre} = \frac{(A+B) \times \text{Width (in. ft.)}}{2 \times 43,560}$$



MORE THAN FOUR SIDES (NO TWO SIDES PARALLEL)

Divide into triangles and/or rectangles; find area of each; then add.



FORAGES AND SMALL SEED PRODUCTS

Consult your 4 Star Seed Company sales representative for a complete forage catalog.

NOTES

[illegible]



A blank sheet of white paper with horizontal ruling lines, set against a background of soft, out-of-focus green foliage. The paper is oriented vertically and occupies most of the frame. The ruling lines are evenly spaced and extend across the width of the page. The background consists of various shades of green, suggesting leaves and branches, with some areas appearing brighter and others more shadowed.

CELEBRATING 40 YEARS



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