



# 2024 SEED GUIDE



**An American Family Owned Seed Company**

# PURPLE RIBBON

As I was finalizing the product guide, I took the time to reflect on the past. Ten years ago, Lindsey and I decided to embark on what would seem like a crazy journey to most people.....including me. The customers of this company, old and new, have made us feel welcome from the start and the support from all of you is what makes any struggle seem so much easier.

As a family-owned company, every customer is an extension of our own family. Your success stories are our motivation, your challenges our opportunities for improvement, and your satisfaction our ultimate reward. With every seed we deliver, we carry the weight of your expectations and aspirations, pushing us to consistently deliver nothing but the best.

Once again, from the bottom of our hearts, thank you for your trust, your loyalty, and your partnership over these ten years. As we look forward to the decades ahead, we are excited to continue our journey together and to contribute to the growth of your farms, just as you have contributed to ours.

Here's to the past, the present, and the future— to ten years of shared success and a promise of even more to come.



Ben Green - President



# TRAIT TECHNOLOGY

## SMARTSTAX® RIB COMPLETE® CORN BLEND



### 5% Refuge Blend

Two modes of action for above and below ground protection for corn rootworm and corn ear worm. Offers both glyphosate and glufosinate herbicide tolerance in a

true single bag refuge compliance, just fill your planter and go!

## TRECEPTA® RIB COMPLETE® CORN BLEND



### 5% Refuge Blend

Built on proven VT DOUBLE PRO technology that provides more complete control of above ground insects with three modes of action for above ground pests.

## DROUGHTGARD® HYBRIDS WITH VT DOUBLE PRO® RIB COMPLETE® CORN BLEND



### 5% Refuge Blend

The DroughtGard® Hybrids gene helps the plant create proteins that are essential for growth, helping to support

yield opportunity when water is scarce. Offering two modes of action for corn ear worm and other feeding insects with an additional mode of action for corn root worm protection.

## VT DOUBLE PRO® RIB COMPLETE® CORN BLEND



### 5% Refuge Blend

Offering two modes of action for corn ear worm and other above-ground pests like European and Southwest corn borers and fall armyworm.

## ROUNDUP READY® CORN 2



Roundup Ready® Corn 2 and corn hybrids with Roundup Ready® 2 Technology are equivalent in their tolerance to Roundup agricultural herbicides

## POWERCORE® ENLIST® REFUGE ADVANCED® CORN



PowerCore® Enlist® corn is a comprehensive trait package for above-ground pests and weed management. PowerCore Enlist corn features three modes of action against above-ground insect pests for broad-spectrum and long-lasting control. Tolerance to multiple herbicides – including glyphosate, glufosinate, 2,4-D choline, and FOPS – gives you the flexibility in herbicide choice and management practices to help maximize yield.

## XTENDFLEX® SOYBEANS



XtendFlex® Technology – the industry's first triple-stacked soybean trait containing tolerance to dicamba, glyphosate and glufosinate.

## ENLIST E3® SOYBEANS



Enlist E3® soybeans offer the most advanced trait technology available in soybeans, providing a new standard for weed control and yield performance.

With Enlist E3® soybeans, the three tolerances —2,4-D choline, glyphosate and glufosinate — combine to deliver a complete system with more weed control options.

# Purple Ribbon Brand Corn Hybrids

	24A06	24P07	23A08	22S08	24A09	24P09	24S09	21A09	24P10	23A10	24P11	23A11	24A12	24P12	23A12	24P13	24A13	20R13	24S14	24P14	22A14	22A15	21A08	18A10	18A12	15M12	21A13	19R14
Page	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15						
CONV		●				●			●		●			●		●				●	●		●	●	●	●	●	●
RR2																								●				
VT2PRIB			●		●			●		●			●									●	●	●	●	●	●	●
PCE		●				●			●		●			●		●				●								
TRCRIB	●											●					●											
DGVT2PRIB														●				●										
SSRIB				●			●	●		●		●							●									

Other hybrids and trait combinations may be available.

Go to [www.purpleribbonseeds.com](http://www.purpleribbonseeds.com) for additional products, more extensive production information.

**RR2 - Roundup Ready® Corn 2**

**VT2PRIB - VT Double PRO® RIB Complete® Corn Blend**

**PCE - PowerCore® Enlist® Refuge Advanced®**

**DGVT2PRIB - DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend**

**TRCRIB - Trecepta® RIB Complete® Corn Blend**

**SSRIB - SmartStax® RIB Complete® Corn Blend**

# CORN

## 24A06 NEW 106 DAY RM

- Very good drought tolerance and greensnap rating
- Good disease package
- Moves South well for maturity
- Plant early, harvest early option for Southern growers.
- Works well in all planting conditions

AVAILABLE AS  
**Trecepta**  
RIB COMPLETE

PLANTING POP	32-37000
PLANT HEIGHT	MEDIUM
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FIXED
KERNEL ROWS	16-18
MID POLLEN	1330
BLACK LAYER	2620
HERBICIDE SENSITIVITY	GR



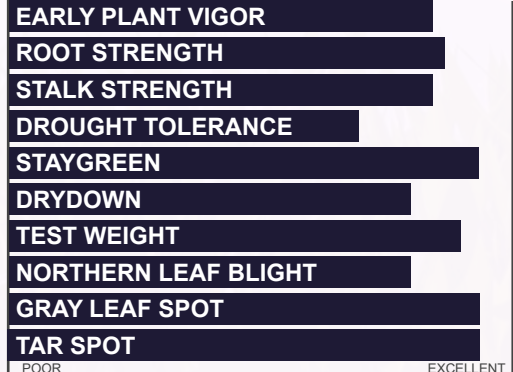
## 24P07 NEW 107 DAY RM

- Very strong disease package including Tar Spot
- Attractive late season eye appeal with staygreen and intactness
- Balanced ear with good grain quality and test weight
- Works well in all soil types
- Avoid droughty areas

AVAILABLE AS  
**POWERCORE**  
Enlist  
REFUGES ADVANCED

PLANTING POP	32-37000
PLANT HEIGHT	MED/TALL
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FLEX
KERNEL ROWS	16-18
MID POLLEN	1300
BLACK LAYER	2660
HERBICIDE SENSITIVITY	NONE

**CONV**



# CORN

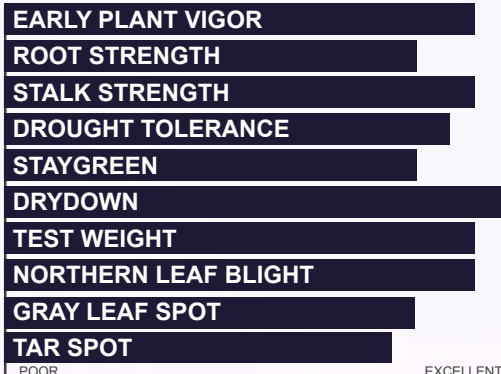
## 23A08 108 DAY RM

- Place hybrid in all yield environment types
- Flexible ear type does not need to have population pushed
- Excellent dry down and very good test weight
- Moves east to west and North to South

AVAILABLE AS

**VT Double PRO**  
RIB COMPLETE

PLANTING POP	30-34000
PLANT HEIGHT	MED/TALL
EAR HEIGHT	MEDIUM
EAR TYPE	FLEX
KERNEL ROWS	16-18
MID POLLEN	1330
BLACK LAYER	2640
HERBICIDE SENSITIVITY	NONE



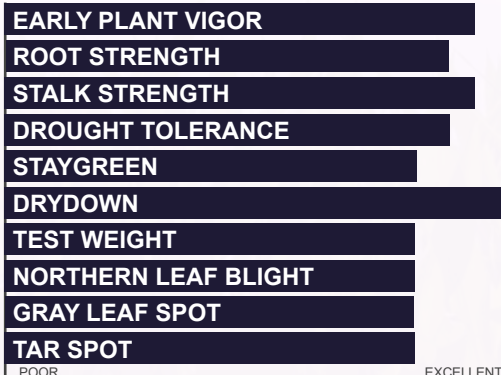
## 22S08 108 DAY RM

- Position hybrid on most productive soil types
- Works well from East to West
- Girthy ear with good grain quality and test weight
- Will benefit from a fungicide application

AVAILABLE AS

**SmartStax**  
RIB COMPLETE

PLANTING POP	32-36000
PLANT HEIGHT	MED/TALL
EAR HEIGHT	MED/HIGH
EAR TYPE	SEMI-FIXED
KERNEL ROWS	16-18
MID POLLEN	1300
BLACK LAYER	2600
HERBICIDE SENSITIVITY	NONE



# CORN

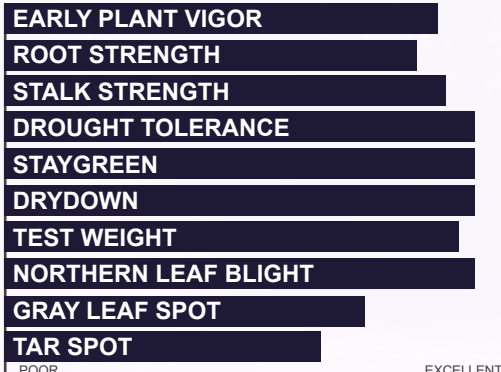
## 24A09 NEW 109 DAY RM

- Consistent yield performance across growing area
- Late season staygreen
- Will handle stress well
- Works best at moderate populations
- Very good test weight and great dry down.

AVAILABLE AS



PLANTING POP	30-35000
PLANT HEIGHT	MEDIUM
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FLEX
KERNEL ROWS	16-18
MID POLLEN	1345
BLACK LAYER	2575
HERBICIDE SENSITIVITY	NONE



## 24P09 109 DAY RM

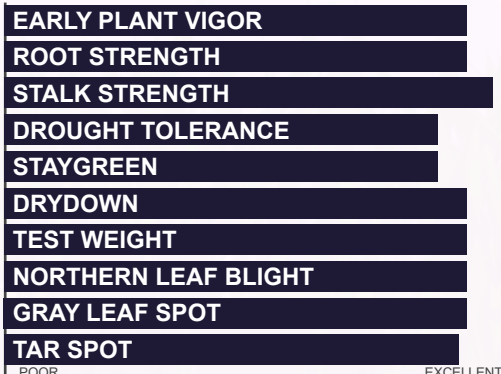
- Broad acre powercore product
- Great tar spot, NCLB and overall health package
- Above average test weight grain with great late season stalks
- Performs well in zone and South

AVAILABLE AS



CONV

PLANTING POP	30-36000
PLANT HEIGHT	MED/TALL
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FLEX
KERNEL ROWS	16-20
MID POLLEN	1350
BLACK LAYER	2680
HERBICIDE SENSITIVITY	NONE



# CORN

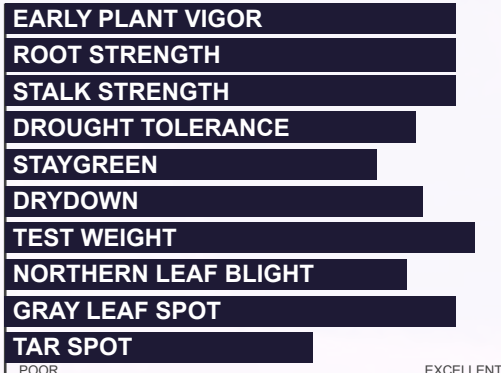
## 24S09

**NEW**  
109 DAY RM

- Lead SmartStax with consistent yield performance and high test weight
- Widely adapted with good movement North and South of zone
- Medium plant with consistent ear line that works best at moderate and high populations

AVAILABLE AS  
**SmartStax**  
RIB COMPLETE

PLANTING POP	32-36000
PLANT HEIGHT	MEDIUM
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FIXED
KERNEL ROWS	16-18
MID POLLEN	1330
BLACK LAYER	2710
HERBICIDE SENSITIVITY	NONE



## 21A09

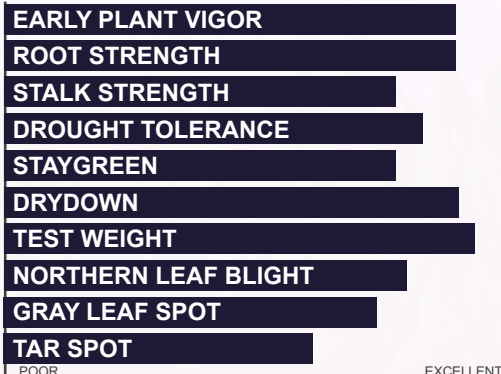
110 DAY RM

- Yield stability that responds to high management
- High test weight and grain quality
- Performs best with fungicide application
- Still, one of the very highest yielding hybrids
- Avoid untilled, wet, poorly drained soils

AVAILABLE AS  
**SmartStax**  
RIB COMPLETE

**VTDoublePRO**  
RIB COMPLETE

PLANTING POP	30-36000
PLANT HEIGHT	MEDIUM
EAR HEIGHT	MED/HIGH
EAR TYPE	SEMI-FIXED
KERNEL ROWS	16-18
MID POLLEN	1360
BLACK LAYER	2690
HERBICIDE SENSITIVITY	NONE



# CORN

## 24P10 NEW 110 DAY RM

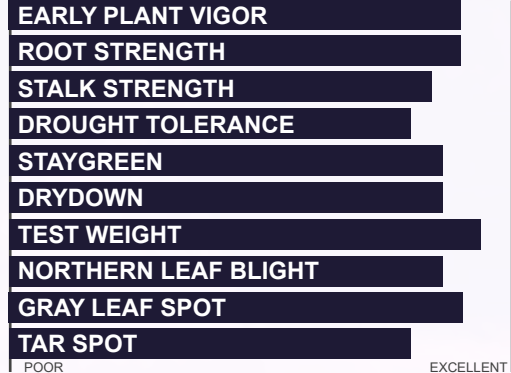
- Widely adapted hybrid with optimal performance in zone
- Medium stature hybrid with picket fence, consistent girthy ear
- Very good grain quality and test weight
- Rewards high management with top end yield potential

### AVAILABLE AS



CONV

PLANTING POP	32-37000
PLANT HEIGHT	MEDIUM
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FIXED
KERNEL ROWS	16-20
MID POLLEN	1310
BLACK LAYER	2720
HERBICIDE SENSITIVITY	NONE

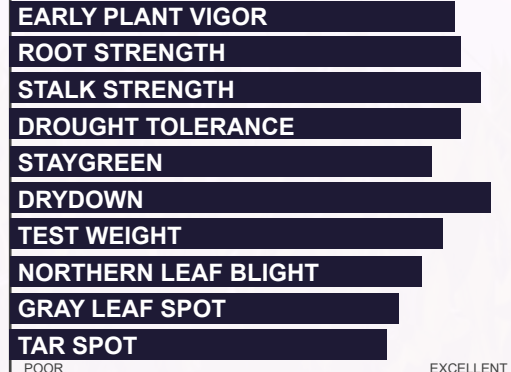


## 23A10 110 DAY RM

- Excellent top end yield potential with good stalks and roots
- Would recommend high management practices for this hybrid
- Will respond to fungicide applications
- Top yielding hybrid



PLANTING POP	31-35000
PLANT HEIGHT	MEDIUM
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FIXED
KERNEL ROWS	16-18
MID POLLEN	1370
BLACK LAYER	2690
HERBICIDE SENSITIVITY	NONE



# CORN

## 24P11 NEW 111 DAY RM

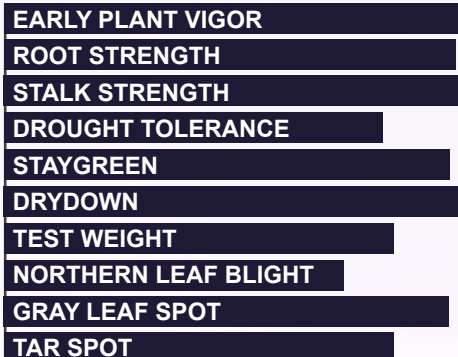
- Adapted widely East to West with best performance in zone and South
- Moderate statured plant with good disease package
- Consistent, girthy ears with deep kernels and fast dry down.
- Rewards high management practices.

### AVAILABLE AS



PLANTING POP	33-36500
PLANT HEIGHT	MEDIUM
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FIXED
KERNEL ROWS	16-18
MID POLLEN	1320
BLACK LAYER	2730
HERBICIDE SENSITIVITY	NONE

CONV



POOR

EXCELLENT

## 23A11 111 DAY RM

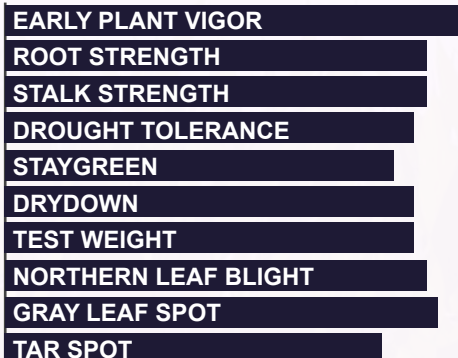
- Wide adaptation from East to West and North to South
- Works in most scenarios but best performance on productive acres
- Will benefit from fungicide application
- Provides additional above ground insect tolerance

### AVAILABLE AS



CONV

PLANTING POP	31-36000
PLANT HEIGHT	MEDIUM
EAR HEIGHT	MED/HIGH
EAR TYPE	SEMI-FIXED
KERNEL ROWS	18-20
MID POLLEN	1380
BLACK LAYER	2720
HERBICIDE SENSITIVITY	NONE



POOR

EXCELLENT

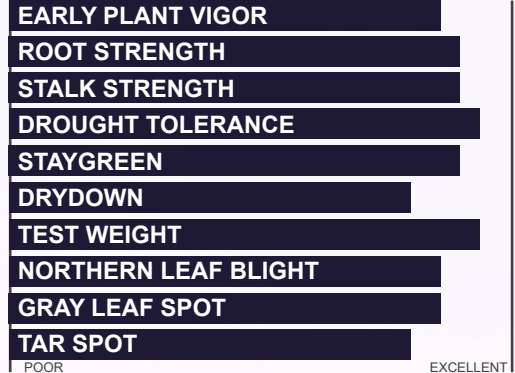
## 24A12 NEW 112 DAY RM

- Excellent heat and drought tolerance with performance
- High test weight with tremendous kernel depth
- Widely adapted to many environments with standability and good roots

### AVAILABLE AS



PLANTING POP	30-37000
PLANT HEIGHT	MED/TALL
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FIXED
KERNEL ROWS	16-18
MID POLLEN	1320
BLACK LAYER	2775
HERBICIDE SENSITIVITY	NONE



## 24P12 NEW 112 DAY RM

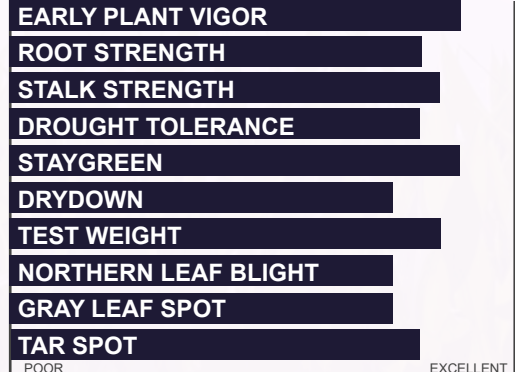
- Excellent top-end yield potential at medium populations
- Very showy appearance all season
- Strong stalks and late season stay green.
- Industry leading germplasm in this hybrid.

### AVAILABLE AS



PLANTING POP	29-35000
PLANT HEIGHT	MED/TALL
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FLEX
KERNEL ROWS	16-18
MID POLLEN	1395
BLACK LAYER	2775
HERBICIDE SENSITIVITY	NONE

CONV



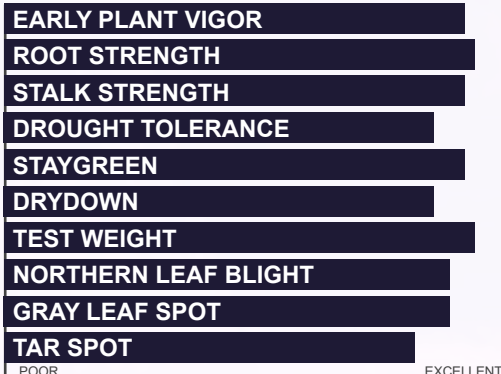
# CORN

## 23A12 112 DAY RM

- Widely adapted hybrid with overall disease package
- Girthy ears with kernel flex, size and depth
- Optimal performance in high management scenarios
- Droughtgard trait helps maintain yield, but this is not made for drought scenarios

AVAILABLE AS  
**DroughtGard**  
 HYBRIDS  
 VTDoubtPRO<sup>®</sup>  
 85 COMPLETE

PLANTING POP	32-37000
PLANT HEIGHT	MED/TALL
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FIXED
KERNEL ROWS	18-20
MID POLLEN	1300
BLACK LAYER	2760
HERBICIDE SENSITIVITY	NONE



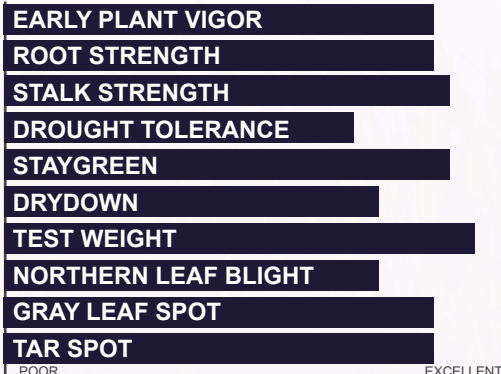
## 24P13 113 DAY RM NEW

- Widely adapted in zone and south with good husk cover
- Moves well and has lower greensnap risk
- Long consistent ears with very large kernels
- Would avoid low yielding, drought prone environments

AVAILABLE AS  
**POWERCORE**  
 Enlist  
 REFUGES ADVANCED<sup>®</sup>

PLANTING POP	31-37000
PLANT HEIGHT	MEDIUM
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FLEX
KERNEL ROWS	16-18
MID POLLEN	1330
BLACK LAYER	2780
HERBICIDE SENSITIVITY	NONE

## CONV

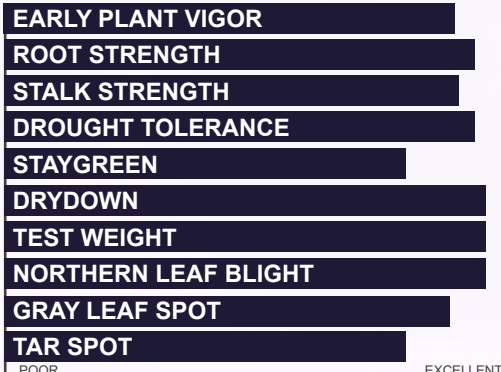


## 24A13 NEW 113 DAY RM

- Strong yield performance over a very wide geography
- Robust plant type that could be dual purpose
- Good Northern and Southern movement
- Excellent drydown

AVAILABLE AS  
**Trecepta**  
RIB COMPLETE

PLANTING POP	32-36000
PLANT HEIGHT	MED/TALL
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FIXED
KERNEL ROWS	16-18
MID POLLEN	1400
BLACK LAYER	2770
HERBICIDE SENSITIVITY	NONE

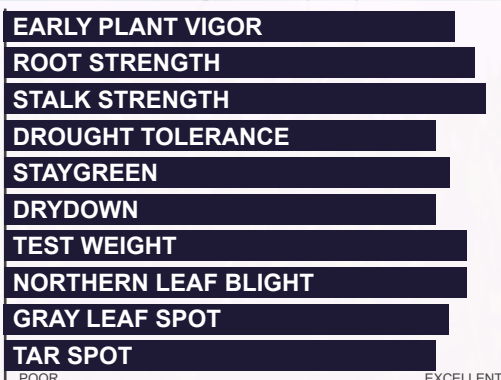


## 20R13 113 DAY RM

- Consistent, high yield performance in all environments
- Moves North out of zone
- Excellent late season health and intactness
- Higher stress and drought tolerance than originally expected

AVAILABLE AS  
**DroughtGard**  
HYBRIDS  
**VTDoublePRO**  
RIB COMPLETE

PLANTING POP	31-37000
PLANT HEIGHT	MEDIUM
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FLEX
KERNEL ROWS	16-18
MID POLLEN	1350
BLACK LAYER	2700
HERBICIDE SENSITIVITY	NONE



# CORN

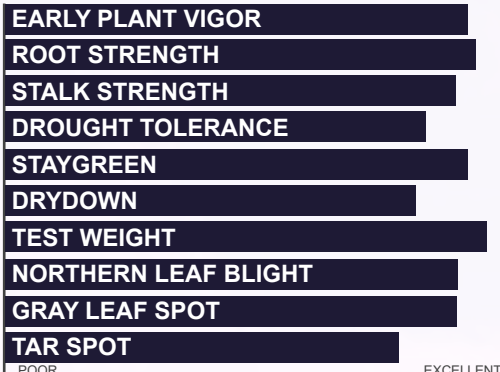
## 24S14 NEW 114 DAY RM

- Made for the central cornbelt
- Will have consistent, girthy ears with deep kernels and excellent test weight
- Medium statured with excellent root strength
- Excellent choice for corn after corn

AVAILABLE AS



PLANTING POP	32-36000
PLANT HEIGHT	MEDIUM
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FIXED
KERNEL ROWS	16-18
MID POLLEN	1340
BLACK LAYER	2820
HERBICIDE SENSITIVITY	NONE



## 24P14 NEW 114 DAY RM

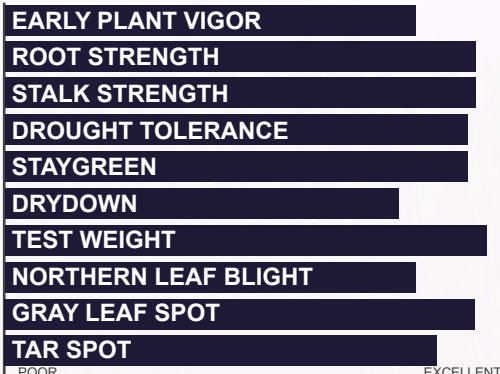
- Large, flex style ears with excellent tip fill and kernel depth
- Proven performance across most soils and best at moderate populations
- Dual purpose hybrid with medium-tall plants but a lower ear line

AVAILABLE AS



PLANTING POP	31-36000
PLANT HEIGHT	MED/TALL
EAR HEIGHT	MED/LOW
EAR TYPE	FLEXIBLE
KERNEL ROWS	16-18
MID POLLEN	1350
BLACK LAYER	2820
HERBICIDE SENSITIVITY	NONE

CONV



## 22A14 114 DAY RM

- Semi-flex ear has a wide area of adaptation
- Works best in zone and North
- High yielding hybrid than 20R13
- Be willing to use a fungicide as this hybrid moves South

AVAILABLE AS

**VT Double PRO**  
RIB COMPLETE

**CONV**

PLANTING POP	30-36000
PLANT HEIGHT	MED/TALL
EAR HEIGHT	MEDIUM
EAR TYPE	SEMI-FLEX
KERNEL ROWS	16-18
MID POLLEN	1400
BLACK LAYER	2770
HERBICIDE SENSITIVITY	NONE



## 22A15 115 DAY RM

- High yielding, late season hybrid with excellent agronomics
- Widely adapted, East to West and moves North well
- Recommended in continuous corn with very good silage potential

AVAILABLE AS

**SmartStax**  
RIB COMPLETE

**VT Double PRO**  
RIB COMPLETE

**CONV**

PLANTING POP	31-37000
PLANT HEIGHT	MED/TALL
EAR HEIGHT	MED/HIGH
EAR TYPE	SEMI-FIXED
KERNEL ROWS	16-18
MID POLLEN	1400
BLACK LAYER	2800
HERBICIDE SENSITIVITY	NONE



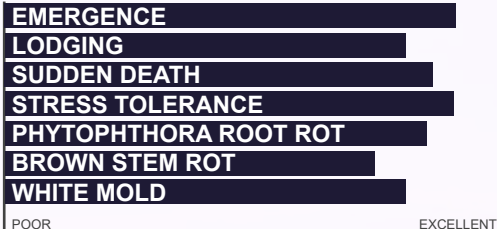
# SOYBEANS

## 20E23E3

- Works all places and has great SDS tolerance
- Very tough variety that moves South well
- Would place this variety anywhere



RELATIVE MATURITY	2.0
PLANT HEIGHT	MED/TALL
PLANT TYPE	INT. BUSH
FLOWER	PURPLE
FALL APPEARANCE	LT. TAWNY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1k

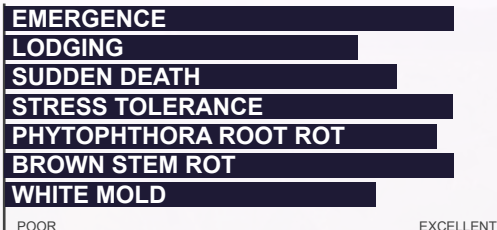


## 22E23E3

- Plant type and disease package works well in all soil types
- All about yield but still very versatile
- Works best at lower populations on productive soils.



RELATIVE MATURITY	2.2
PLANT HEIGHT	MED/TALL
PLANT TYPE	INT. BUSH
FLOWER	WHITE
FALL APPEARANCE	GRAY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1k

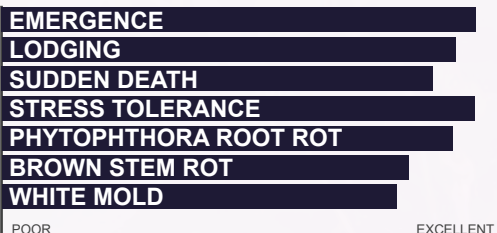


## 24E24E3 **NEW**

- Another step up in the 2.4 maturity.
- Performs best between Nebraska and Ohio
- Brings good height and better standability.



RELATIVE MATURITY	2.4
PLANT HEIGHT	MED/TALL
PLANT TYPE	INT. BUSH
FLOWER	PURPLE
FALL APPEARANCE	GRAY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1a



# SOYBEANS

## 26E24E3 **NEW**



- Medium-Tall, bushy plant type with good standability
- Overall better performance than previous 2.6
- Adds Peking resistance

RELATIVE MATURITY	2.6
PLANT HEIGHT	MED/TALL
PLANT TYPE	BUSH
FLOWER	PURPLE
FALL APPEARANCE	LT. TAWNY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1c

EMERGENCE	
LODGING	
SUDDEN DEATH	
STRESS TOLERANCE	
PHYTOPHTHORA ROOT ROT	
BROWN STEM ROT	
WHITE MOLD	
POOR	EXCELLENT

## 28E24E3 **NEW**



- This line can be placed anywhere from East to West
- Handles stress well and maintains height
- Good SDS tolerance
- Benchmark line that should be ran by all operations

RELATIVE MATURITY	2.8
PLANT HEIGHT	MEDIUM+
PLANT TYPE	INT. BUSH
FLOWER	PURPLE
FALL APPEARANCE	LT. TAWNY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1k

EMERGENCE	
LODGING	
SUDDEN DEATH	
STRESS TOLERANCE	
PHYTOPHTHORA ROOT ROT	
BROWN STEM ROT	
WHITE MOLD	
POOR	EXCELLENT

## 31E24E3 **NEW**



- National style line that works in our area
- Benchmark style line
- Has yield, standability and a great defense package.

RELATIVE MATURITY	3.1
PLANT HEIGHT	MED/TALL
PLANT TYPE	INT. BUSH
FLOWER	PURPLE
FALL APPEARANCE	GRAY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1c

EMERGENCE	
LODGING	
SUDDEN DEATH	
STRESS TOLERANCE	
PHYTOPHTHORA ROOT ROT	
BROWN STEM ROT	
WHITE MOLD	
POOR	EXCELLENT

# SOYBEANS

## 33E24E3 *NEW*

- Great lodging scores and defenses
- Built for Illinois and Indiana
- Place anywhere!



RELATIVE MATURITY	3.3
PLANT HEIGHT	MEDIUM+
PLANT TYPE	INT. BUSH
FLOWER	PURPLE
FALL APPEARANCE	GRAY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1k

EMERGENCE
LODGING
SUDDEN DEATH
STRESS TOLERANCE
PHYTOPHTHORA ROOT ROT
BROWN STEM ROT
WHITE MOLD

POOR

EXCELLENT

## 35E24E3 *NEW*

- National type line that can go most places
- Shows excellent SDS tolerance over multiple years
- Must have in your lineup at this maturity



RELATIVE MATURITY	3.5
PLANT HEIGHT	MED/TALL
PLANT TYPE	INT. BUSH
FLOWER	PURPLE
FALL APPEARANCE	GRAY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1k

EMERGENCE
LODGING
SUDDEN DEATH
STRESS TOLERANCE
PHYTOPHTHORA ROOT ROT
BROWN STEM ROT
WHITE MOLD

POOR

EXCELLENT

## 37E24E3 *NEW*

- National line, but perfect agronomics for IN, IL and OH
- Has good plant height and excellent lodging
- Fast emerger for No-till acres



RELATIVE MATURITY	3.5
PLANT HEIGHT	MED/TALL
PLANT TYPE	MOD BUSH
FLOWER	WHITE
FALL APPEARANCE	LT. TAWNY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1k

EMERGENCE
LODGING
SUDDEN DEATH
STRESS TOLERANCE
PHYTOPHTHORA ROOT ROT
BROWN STEM ROT
WHITE MOLD

POOR

EXCELLENT

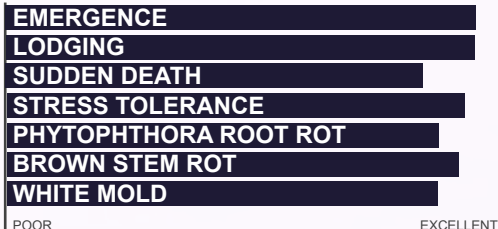
# SOYBEANS

## 39E23E3



- Excellent lodging and plant health in tough locations
- Maintains height in low productivity locations
- Brings SCN, PRR and Stem Canker Tolerance to Late III class

RELATIVE MATURITY	3.9
PLANT HEIGHT	MED/TALL
PLANT TYPE	MOD BUSH
FLOWER	WHITE
FALL APPEARANCE	LT. TAWNY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1k



POOR

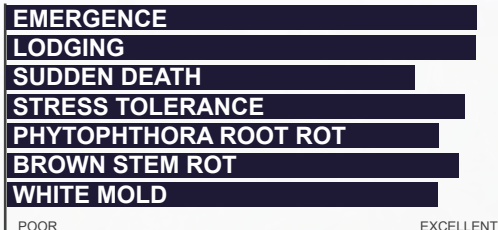
EXCELLENT

## 26F22xf



- Excellent lodging and plant health in tough locations
- Maintains height in low productivity locations
- Brings SCN, PRR and Stem Canker Tolerance to Late III class

RELATIVE MATURITY	2.6
PLANT HEIGHT	MEDIUM+
PLANT TYPE	BUSH
FLOWER	PURPLE
FALL APPEARANCE	GRAY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1c



POOR

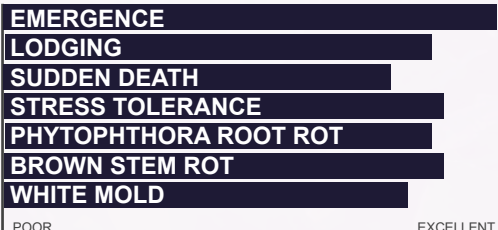
EXCELLENT

## 28F23xf



- Med/Tall plant type with good standability under all conditions
- Brings more yield and better SDS tolerance than 28F21
- Fast emergence works well in No-Till acres also.

RELATIVE MATURITY	2.8
PLANT HEIGHT	MED/TALL
PLANT TYPE	INTERMEDIATE
FLOWER	PURPLE
FALL APPEARANCE	GRAY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1c



POOR

EXCELLENT

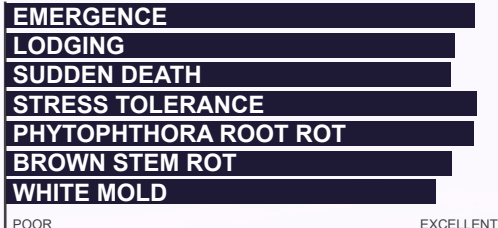
# SOYBEANS

## 31F22xF



- Benchmark XtendFlex® soybean line
- Taller plant type with great emergence and standability
- Great for areas with PRR pressure
- This soybean can be placed anywhere

RELATIVE MATURITY	3.1
PLANT HEIGHT	TALL
PLANT TYPE	MOD. BUSH
FLOWER	PURPLE
FALL APPEARANCE	GRAY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1c3a

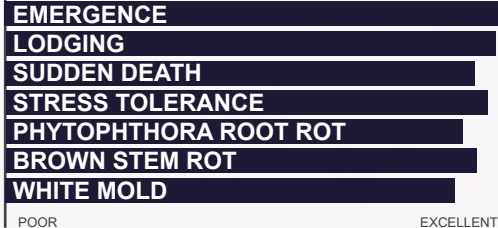


## 33F22xF



- Excellent emergence and very good standability for no-till acres
- Good BSR scores for continuous soybeans
- Excellent stress tolerance and consistent across soil types

RELATIVE MATURITY	3.3
PLANT HEIGHT	MED/TALL
PLANT TYPE	MOD. BUSH
FLOWER	PURPLE
FALL APPEARANCE	GRAY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1c

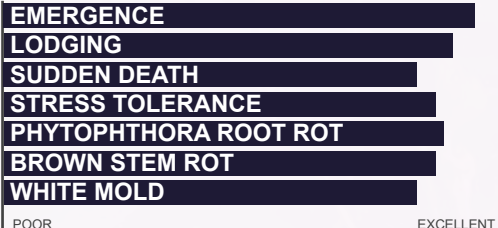


## 35F23xF



- Adapted East to West with a jump over 35F21XF
- Great SCN and BSR scores with good SDS tolerance
- Heavily podded plants with functional branches

RELATIVE MATURITY	3.5
PLANT HEIGHT	MED/TALL
PLANT TYPE	INT. BUSH
FLOWER	PURPLE
FALL APPEARANCE	GRAY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	RPS1c



# SOYBEANS

## 37F23xf



- Offensive product that works in all environments
- Excellent emergence for no-till acres
- Highest emergence scores in the XtendFlex lineup
- Very Good SDS, SCN and BSR

RELATIVE MATURITY	3.7
PLANT HEIGHT	MED/TALL
PLANT TYPE	MOD. BUSH
FLOWER	PURPLE
FALL APPEARANCE	LT. TAWNY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	NO GENE

### EMERGENCE

### LODGING

### SUDDEN DEATH

### STRESS TOLERANCE

### PHYTOPHTHORA ROOT ROT

### BROWN STEM ROT

### WHITE MOLD

POOR

EXCELLENT

## 38F21xf



- Adapted East to West with a jump over 35F21XF
- Great SCN and BSR scores with good SDS tolerance
- Heavily podded plants with functional branches

RELATIVE MATURITY	3.8
PLANT HEIGHT	MED/TALL
PLANT TYPE	MOD. BUSH
FLOWER	PURPLE
FALL APPEARANCE	LT TAWNY
SOIL TYPE	LOW/MED/HIGH
GENE TYPE	NG

### EMERGENCE

### LODGING

### SUDDEN DEATH

### STRESS TOLERANCE

### PHYTOPHTHORA ROOT ROT

### BROWN STEM ROT

### WHITE MOLD

POOR

EXCELLENT

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 on Enlist® crops.

#### On-Target Application

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



- 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



# THE NEXT GENERATION OF TECHNOLOGY

#### SOYBEANS

2,4-D choline

| Glyphosate

| Glufosinate

#### CORN

2,4-D choline

| Glyphosate

| Glufosinate

| FOP Herbicides



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

# 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](https://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 [cropscience.bayer.us/contact](https://cropscience.bayer.us/contact) or scan the QR code



**Bayer is a member of the Seed Innovation and Protection Alliance.** Visit [www.seedinalliance.com](https://www.seedinalliance.com) to learn more. SIPA™ is a trademark of the Seed Innovation and Protection Alliance.

**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 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 1-888-383-6847 for recommended Roundup Ready® Xtend Crop System weed control programs. Bayer, Bayer Cross, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready® and XtendFlex® are registered trademarks of Bayer Group. LibertyLink® and the Water Droplet Design® is a trademark of BASF Corporation. ©2022 Bayer Group. All rights reserved.

Rev 01/2022

# TRAIT STEWARDSHIP

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS product launch stewardship guidance Corteva Agrisciences 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](http://www.biotradestatus.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](http://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.

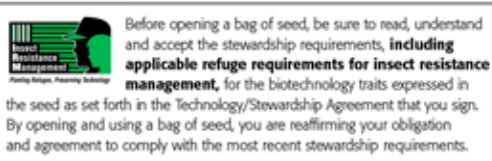
IRM - Properly managing trait technology is key to preserving it as a long-term crop protection tool. Growers who fail to comply with IRM requirements risk losing access to this product. To help preserve the effectiveness of B.t. corn technologies, growers planting B.t. corn technologies are required 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.corteva.us/Resources/trait-stewardship.html](http://www.corteva.us/Resources/trait-stewardship.html) to download the latest Corteva Agriscience Corn Product Use Guide.

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 the following webpage: [www.corteva.us/Resources/trait-stewardship.html](http://www.corteva.us/Resources/trait-stewardship.html).

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. Enlist E3® soybeans were jointly developed by Corteva Agriscience and MS Technologies, LLC. ®™ Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of Corteva Agriscience. PowerCore® multi-event technology developed by Corteva Agriscience and Monsanto. Roundup®, Roundup Ready®, Roundup Ready 2 Technology and Design, and PowerCore® are registered trademarks of Monsanto Technology LLC. Liberty Link® and the Water Droplet Design® are registered trademarks of BASF. Enlist®, Colex-D®, and Refuge Advanced® are trademarks of Corteva Agriscience and its affiliated companies. Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship.

**PCE – PowerCore® Enlist® Refuge Advanced® corn products with HX1, VTP, ENL, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with PowerCore Enlist Refuge Advanced products.**

# TRAIT STEWARDSHIP



**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 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 cotton 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. 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.

Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. 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.

Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. DroughtGard®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, SmartStax®, Trecepta®, VT Double PRO® and XtendFlex® are registered trademarks of Bayer Group. 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.

Seed containing the XtendFlex® traits can only be used to plant a single commercial crop. It is unlawful to save and replant XtendFlex® soybeans. Additional information and limitations on the use of this product are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: <https://tug.bayer.com>. U.S. patents for Bayer technologies can be found at the following webpage: [cs.bayerpatents.com](https://cs.bayerpatents.com)





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