

# TARGETED SEED GUIDE

2024



# **NEW NAME, SAME INTEGRITY**

## **PARTNERSHIP.**

We have partnered with GDM and rebranded as Mustang Seeds within the GDM family of brands. The expanded Mustang Seeds brand will lead the Western Corn Belt market with GDM's global strength, powering growth and stability.

## **PEOPLE.**

We take pride in the connections we develop on the farms we serve. Operations will be run by the same local sales, administration, logistics, and production teams.

## **PRODUCTS.**

Success for your farm remains our top priority. We now have greater access to traits, genetics, and innovation. Our product offering is still selected based on best performance in our geography.



**MUSTANG  
SEEDS™**

# OUR HISTORY

1946



**SYLVESTER RANCH**  
PUBLIC WHEAT VARIETIES  
SARGO  
OATS

1992



**MIDLAND SEED**  
SYLVESTER  
KAUFFMAN  
PHILLIPS

1997



**MIDLAND  
GENETICS GROUP**  
SYLVESTER  
KAUFFMAN  
PHILLIPS  
FTE  
MOWEAQUA  
BROWN SEED

2007



**MIDLAND  
GENETICS**  
SYLVESTER  
KAUFFMAN

2022



**W.S. SEEDS, LLC**  
W.S. SEEDS IS FORMED  
FOR COMMERCIAL BUSINESS  
WITH GDM, AND PARTNERS  
WITH SYLVESTER FOR  
PRODUCTION/LOGISTICS

2022



**GDM PARTNERSHIP**  
W.S. SEEDS, LLC  
MUSTANG SEEDS, INC.  
REVERE SEED  
DONMARIO SEEDS

2023



**MUSTANG SEEDS**  
W.S. SEEDS, LLC  
MUSTANG SEEDS, INC.

# SUPPORTING FARMERS FROM THE GROUND UP

"OUR FOCUS  
CONTINUES TO BE  
THE FARMER AND  
CREATING VALUE  
WITH TOOLS,  
PRODUCTS AND  
INNOVATION.  
THROUGH THIS GDM  
PARTNERSHIP AND  
MUSTANG SEEDS  
REBRAND WE ARE  
POSITIONED TO DO  
THIS AT A HIGH  
LEVEL."

# GDM PARTNERSHIP

A global leader in plant genetics, GDM curates the largest and most diverse soybean genetics bank worldwide. More than 40% of the world's soybean acres contain GDM genetics, and that number continues to grow. Globally, GDM reinvests 25% of revenue in research and testing programs.

GDM tests across climates, soil types, and many other environmental conditions to deliver the best germplasm for local geographies. In the United States, GDM's testing network of 625,000 plots stretches from the deep south as far north as Canada.

As part of our partnership with GDM, we now have increased access to GDM's wealth of research and development, and are better positioned to fulfill our mission: serving American farmers with a people-first approach as an independent, trusted seed and trait provider by delivering innovation and genetic diversity.



*W.S. SEEDS, LLC IS A PARTNER OF GDM SEEDS, INC., 3414 BIG PINE TRAIL, CHAMPAIGN, IL 61822*



# NUMBERING AND TECHNOLOGY

## CORN

### NUMBERING AND TECHNOLOGY

#### RELEASES 2023 AND NEWER

<b>77D13</b>	<b>7</b> Maturity Ranges	<b>7</b> Technology	<b>D</b> Sequence Letter	<b>13</b> Relative Maturity (113) days
	1 ≤85 2 = 85 - 90 3 = 90 - 95 4 = 95 - 100 5 = 100 - 105	6 = 105 - 110 7 = 110 - 113 8 = 113 - 115 9 = 115+	0 = Conventional 1 = Roundup Ready® Corn 2 or Syngenta Traits 2 = VT Double PRO® Corn 3 = Trecepta® Corn 4 = VT4PRO™ Corn	5 = PowerCore® Enlist® Corn 6 = Unassigned 7 = DroughtGard® Hybrids with VT Double PRO® Corn 8 = SmartStax® Corn 9 = SmartStax® PRO Corn

#### RELEASES 2022 AND PRIOR

<b>570PR</b>	<b>5</b> Maturity Ranges	<b>7</b> Sequence Number	<b>0</b> Release Year (2020)	<b>PR</b> Technology
	1 = 100 - 103 2 = 104 - 105 3 = 106 - 108 4 = 109 - 110 5 = 111 - 112	6 = 113 - 114 7 = 115 - 116 8 = 117 - 119 9 = 120		

#### TECHNOLOGY

<b>SS</b> SmartStax® RIB Complete® Corn Blend		<b>PR DG/VT2P DG</b> DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend	
<b>TRE</b> Trecepta® RIB Complete® Corn Blend		<b>PCE</b> PowerCore® Enlist® Refuge Advanced®	
<b>PR/VT2P</b> VT Double PRO® RIB Complete® Corn Blend		<b>VLGA</b> Viptera®	

## SOYBEAN

### NUMBERING AND TECHNOLOGY

#### XTENDFLEX® - (RELEASES 2023 AND NEWER)

<b>XFSI3323</b>	<b>XFS</b> Technology XF = XtendFlex® XFS = XtendFlex® + STS®	<b>13</b> Relative Maturity (1.3 RM)	<b>3</b> Sequence Number	<b>2</b> Cyst Resistance Source 1 = Non-Cyst 2 = PI88788 3 = Peking	<b>3</b> Launch Year (2023)
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#### ENLIST E3® AND CONVENTIONAL - (RELEASES 2023 AND NEWER)

<b>20E723</b>	<b>20</b> Relative Maturity (2.0 RM)	<b>E</b> Technology E = Enlist E3® ES = Enlist E3® + STS® C = Conventional CS = Conventional + STS®	<b>7</b> Sequence Number	<b>3</b> Cyst Resistance Source 1 = Non-Cyst 2 = PI88788 3 = Peking	<b>3</b> Launch Year (2023)
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#### RELEASES 2022 AND PRIOR

<b>3999E3</b>	<b>39</b> Relative Maturity (3.9 RM)	<b>9</b> Sequence Number	<b>9</b> Release Year (2019)	<b>E3</b> Technology
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#### TECHNOLOGY

<b>XFS</b> XtendFlex® Soybeans with STS®		<b>XF</b> XtendFlex® Soybeans	
<b>E3S/ES</b> Enlist E3® Soybeans with STS®	 <b>STS®</b> herbicide tolerant trait	<b>E3/E</b> Enlist E3® Soybeans	

# CORN CHART



PRODUCT AGRO-GUARD RM GDU TO BLACK LAYER PLANT HEIGHT EAR HEIGHT EAR TYPE STALKS ROOTS EARLY GROWTH GREENSNAP DROUGHT

## CONVENTIONAL

429		110	2660	Medium-Tall	Medium	Determinate	Good	Very Good	Very Good	Good	Very Good
656		113	2730	Medium	Medium	Semi	Very Good	Good	Average	Good	Excellent

## VT DOUBLE PRO® RIB COMPLETE® CORN BLEND

<b>NEW!</b> 4296		96	2360	Medium	Medium	Semi	Very Good	Excellent	Excellent	Very Good	Very Good
429		110	2660	Medium-Tall	Medium	Determinate	Good	Very Good	Very Good	Good	Very Good
570	✓	112	2710	Medium	Medium	Semi	Very Good	Very Good	Excellent	Good	Good
656		113	2730	Medium	Medium	Semi	Very Good	Good	Average	Good	Excellent
669		114	2740	Medium-Tall	Medium-High	Flex	Good	Average	Excellent	Good	Excellent
721		115	2760	Medium-Tall	Medium-High	Flex	Good	Good	Good	Average	Excellent
801	✓	117	2800	Medium-Tall	Medium	Determinate	Very Good	Very Good	Good	Good	Good
126		103	2540	Medium-Tall	Medium	Semi	Good	Very Good	Excellent	Good	Good
202	✓	105	2600	Medium	Medium	Semi	Good	Very Good	Excellent	Very Good	Very Good
<b>NEW!</b> 82308	✓	108	2610	Medium-Tall	Medium	Semi	Good	Very Good	Very Good	Very Good	Good
411		110	2620	Medium	Medium-High	Determinate	Good	Very Good	Good	Good	Good
412	✓	110	2650	Medium	Medium	Semi	Very Good	Very Good	Good	Very Good	Good
430	✓	110	2650	Medium-Tall	Medium	Semi	Good	Very Good	Very Good	Very Good	Good
621	✓	114	2730	Medium-Tall	Medium-High	Semi	Very Good	Very Good	Good	Good	Good
82R14		114	2740	Medium-Tall	Medium-High	Semi	Very Good	Good	Very Good	Good	Good

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

87304		104	2600	Medium-Tall	Medium-High	Flex	Very Good	Good	Good	Good	Very Good
594	✓	112	2700	Tall	High	Determinate	Good	Good	Good	Excellent	Very Good
97113		113	2720	Medium	Medium	Semi	Very Good	Very Good	Good	Good	Good
770	✓	115	2750	Medium-Tall	Medium	Determinate	Very Good	Very Good	Good	Good	Very Good

## POWERCORE® ENLIST® REFUGE ADVANCED®

<b>NEW!</b> 85S15		115	2750	Medium-Tall	Medium	Flex	Very Good	Very Good	Good	Good	Good
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## SMARTSTAX® RIB COMPLETE® CORN BLEND

429		110	2660	Medium-Tall	Medium	Determinate	Good	Very Good	Very Good	Good	Very Good
9811		111	2700	Medium	Medium-High	Determinate	Good	Good	Very Good	Good	Average
570	✓	112	2710	Medium	Medium	Semi	Very Good	Very Good	Excellent	Good	Good
790		115	2750	Medium	Medium	Semi	Very Good	Very Good	Very Good	Very Good	Good
202	✓	105	2600	Medium	Medium	Semi	Good	Very Good	Excellent	Very Good	Very Good

## TRECEPTA® RIB COMPLETE® CORN BLEND

<b>NEW!</b> 63A06	✓	106	2605	Medium	Medium	Semi	Good	Good	Good	Very Good	Very Good
662		113	2720	Medium-Tall	Medium-High	Semi	Good	Very Good	Good	Good	Excellent
<b>NEW!</b> 83A15		115	2750	Medium-Tall	Medium-High	Semi	Very Good	Good	Excellent	Good	Excellent
<b>NEW!</b> 93R18		118	2820	Medium-Tall	Medium-High	Semi	Very Good	Good	Good	Very Good	Very Good

## VIPTERA®

381		108	2620	Medium	Medium	Flex	Good	Good	Excellent	Good	Very Good
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# CORN CHART

FUNGICIDE RESPONSE	IRRIGATION	CORN AFTER CORN	SILAGE	GREY LEAF SPOT	GOSS'S WILT	SOUTHERN RUST	TAR SPOT	DRYDOWN	TEST WEIGHT	PRODUCT	
<b>CONVENTIONAL</b>											
Very Good	Very Good	Good	Average	Good	Good	Average	Good	Good	Very Good	<b>429</b>	
Good	Good	Average	Good	Very Good	Good	Good	N/A	Average	Excellent	<b>656</b>	
<b>VT DOUBLE PRO® RIB COMPLETE® CORN BLEND</b>											
Very Good	Very Good	Below Average	N/A	Average	Good	Average	Average	Very Good	Very Good	<b>4296</b> <span>NEW!</span>	
Very Good	Very Good	Good	Average	Good	Good	Average	Good	Good	Very Good	<b>429</b>	
Good	Excellent	Excellent	Below Average	Good	Good	Good	N/A	Very Good	Excellent	<b>570</b>	
Good	Good	Average	Good	Very Good	Good	Good	N/A	Average	Excellent	<b>656</b>	
Good	Good	Below Average	Below Average	Very Good	Very Good	Good	N/A	Very Good	Excellent	<b>669</b>	
Very Good	Below Average	Below Average	Below Average	Good	Good	Good	Average	Excellent	Excellent	<b>721</b>	
Good	Excellent	Good	Good	Good	Good	Good	N/A	Very Good	Very Good	<b>801</b>	
Very Good	Very Good	Very Good	Very Good	Good	Very Good	Below Average	N/A	Very Good	Good	<b>126</b>	
Good	Very Good	Very Good	Very Good	Good	Very Good	Good	Good	Excellent	Good	<b>202</b>	
Good	Very Good	Good	Average	Very Good	Very Good	Very Good	Average	Very Good	Very Good	<b>82308</b> <span>NEW!</span>	
Very Good	Good	Below Average	Average	Average	Good	Below Average	Average	Very Good	Good	<b>411</b>	
Very Good	Very Good	Good	Good	Good	Good	Good	Average	Good	Good	<b>412</b>	
Very Good	Excellent	Good	Very Good	Very Good	Good	Good	Good	Very Good	Very Good	<b>430</b>	
Very Good	Good	Average	Good	Good	Average	Good	N/A	Very Good	Very Good	<b>621</b>	
Excellent	Excellent	Good	Very Good	Good	Average	Below Average	N/A	Good	Good	<b>82R14</b>	
<b>DROUGHTGARD® HYBRIDS WITH VT DOUBLE PRO® RIB COMPLETE® CORN BLEND</b>											
Good	Very Good	Good	Very Good	Very Good	Very Good	Good	Average	Very Good	Good	<b>87304</b>	
Good	Excellent	Very Good	Very Good	Good	Excellent	Average	N/A	Good	Good	<b>594</b>	
Excellent	Excellent	Average	Average	Good	Average	Average	N/A	Good	Very Good	<b>97113</b>	
Good	Excellent	Good	Excellent	Very Good	Very Good	Good	N/A	Good	Good	<b>770</b>	
<b>POWERCORE® ENLIST® REFUGE ADVANCED®</b>											
Very Good	Excellent	Average	Excellent	Very Good	Good	Very Good	Good	Good	Very Good	<b>85S15</b> <span>NEW!</span>	
<b>SMARTSTAX® RIB COMPLETE® CORN BLEND</b>											
Very Good	Very Good	Good	Average	Good	Good	Average	Good	Good	Very Good	<b>429</b>	
Very Good	Excellent	Excellent	Average	Good	Good	Average	N/A	Good	Good	<b>9811</b>	
Good	Excellent	Excellent	Below Average	Good	Good	Good	N/A	Very Good	Excellent	<b>570</b>	
Very Good	Excellent	Excellent	Very Good	Good	Good	Average	N/A	Good	Good	<b>790</b>	
Good	Very Good	Very Good	Very Good	Good	Very Good	Good	Good	Excellent	Good	<b>202</b>	
<b>TRECEPTA® RIB COMPLETE® CORN BLEND</b>											
Good	Very Good	Below Average	Average	Good	Good	Good	Average	Good	Good	<b>63A06</b> <span>NEW!</span>	
Excellent	Very Good	Below Average	Good	Good	Average	Average	N/A	Excellent	Very Good	<b>662</b>	
Very Good	Excellent	Good	Below Average	Good	Average	Average	Average	Very Good	Excellent	<b>83A15</b> <span>NEW!</span>	
Good	Excellent	Good	Excellent	Good	Below Average	Good	Below Average	Good	Good	<b>93R18</b> <span>NEW!</span>	
<b>VIPTERA®</b>											
Very Good	Average	Below Average	Good	Good	Very Good	Good	N/A	Very Good	Good	<b>381</b>	

# CORN PRODUCTS



## 4296

**NEW!**

AVAILABLE AS: VT2P RIB

96 DAYS

### SOIL TYPE



### POPULATION



### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium	IRRIGATION	Very Good	GREY LEAF SPOT	Average	STAYGREEN	Good
EAR HEIGHT	Medium	MINIMUM-TILLAGE	Very Good	GOSS'S WILT	Good	DRYDOWN	Very Good
EAR TYPE	Semi	CORN AFTER CORN	Below Average	SOUTHERN RUST	Average	HVST. APPEARANCE	Good
STALKS	Very Good	SILAGE	N/A	N. LEAF BLIGHT	Good	TEST WEIGHT	Very Good
ROOTS	Excellent	POORLY DRAINED	Good	TAR SPOT	Average	STALK HEALTH	Good
EARLY GROWTH	Excellent	<b>PRODUCT INSIGHT</b> Strong performance across soil types for an early season corn hybrid Excellent top-end yield potential but also very good drought tolerance to handle tougher acres Very good stalks and roots to aid in late season standability					
GREENSNAP	Very Good						
DROUGHT	Very Good						
FUNGICIDE RESPONSE	Very Good						

## 87304

AVAILABLE AS: VT2P DG RIB

104 DAYS

### SOIL TYPE



### POPULATION



### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Very Good	GREY LEAF SPOT	Very Good	STAYGREEN	Good
EAR HEIGHT	Medium-High	MINIMUM-TILLAGE	Very Good	GOSS'S WILT	Very Good	DRYDOWN	Very Good
EAR TYPE	Flex	CORN AFTER CORN	Good	SOUTHERN RUST	Good	HVST. APPEARANCE	Good
STALKS	Very Good	SILAGE	Very Good	N. LEAF BLIGHT	Average	TEST WEIGHT	Good
ROOTS	Good	POORLY DRAINED	Very Good	TAR SPOT	Average	STALK HEALTH	Very Good
EARLY GROWTH	Good	<b>PRODUCT INSIGHT</b> #2 in 2021 short season testing, and above average performance in 2022 plots Full-flex DroughtGard® trait allows this hybrid to be planted at low to medium populations Ability to yield through disease pressure but will respond to fungicide					
GREENSNAP	Good						
DROUGHT	Very Good						
FUNGICIDE RESPONSE	Good						

## 63A06

**NEW!**

AVAILABLE AS: TRE RIB



106 DAYS

### SOIL TYPE



### POPULATION



### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium	IRRIGATION	Very Good	GREY LEAF SPOT	Good	STAYGREEN	Good
EAR HEIGHT	Medium	MINIMUM-TILLAGE	Very Good	GOSS'S WILT	Good	DRYDOWN	Good
EAR TYPE	Semi	CORN AFTER CORN	Below Average	SOUTHERN RUST	Good	HVST. APPEARANCE	Good
STALKS	Good	SILAGE	Average	N. LEAF BLIGHT	Good	TEST WEIGHT	Good
ROOTS	Good	POORLY DRAINED	Good	TAR SPOT	Average	STALK HEALTH	Good
EARLY GROWTH	Good	<b>PRODUCT INSIGHT</b> #1 overall in 2022 early maturity hybrids (100-108 RM) Good disease package with very good drought tolerance and low greensnap risk Versatile hybrid across soil types and yield environments					
GREENSNAP	Very Good						
DROUGHT	Very Good						
FUNGICIDE RESPONSE	Good						

## 82308

**NEW!**

AVAILABLE AS: VT2P RIB



108 DAYS

SOIL TYPE		POPULATION		YIELD ENVIRONMENT	
SAND	1	LOW	2	LOW	3
SILT	1	MEDIUM	1	MEDIUM	1
CLAY	2	HIGH	3	HIGH	1

AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Very Good	GREY LEAF SPOT	Very Good	STAYGREEN	Good
EAR HEIGHT	Medium	MINIMUM-TILLAGE	Good	GOSS'S WILT	Very Good	DRYDOWN	Very Good
EAR TYPE	Semi	CORN AFTER CORN	Good	SOUTHERN RUST	Very Good	HVST. APPEARANCE	Good
STALKS	Good	SILAGE	Average	N. LEAF BLIGHT	Very Good	TEST WEIGHT	Very Good
ROOTS	Very Good	POORLY DRAINED	Average	TAR SPOT	Average	STALK HEALTH	Good
EARLY GROWTH	Very Good	<b>PRODUCT INSIGHT</b> #2 overall in 2022 early maturity hybrids (100-108 RM) Best if placed in moderate to well drained soils Strong performance in our southern territory, and all around nice disease package					
GREENSNAP	Very Good						
DROUGHT	Good						
FUNGICIDE RESPONSE	Good						

## 429

AVAILABLE AS: PR RIB, SS RIB, CONV.

110 DAYS

SOIL TYPE		POPULATION		YIELD ENVIRONMENT	
SAND	1	LOW	4	LOW	3
SILT	1	MEDIUM	2	MEDIUM	2
CLAY	2	HIGH	1	HIGH	1

AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Very Good	GREY LEAF SPOT	Good	STAYGREEN	Good
EAR HEIGHT	Medium	MINIMUM-TILLAGE	Very Good	GOSS'S WILT	Good	DRYDOWN	Good
EAR TYPE	Determinate	CORN AFTER CORN	Good	SOUTHERN RUST	Average	HVST. APPEARANCE	Excellent
STALKS	Good	SILAGE	Average	N. LEAF BLIGHT	Very Good	TEST WEIGHT	Very Good
ROOTS	Very Good	POORLY DRAINED	Very Good	TAR SPOT	Good	STALK HEALTH	Good
EARLY GROWTH	Very Good	<b>PRODUCT INSIGHT</b> #3 overall in 2022 and top 5 over the last 4 years in mid maturity range Very consistent and proven yields year after year, with great performance in our southern territory Best performance when highly managed (higher population rates, in-season nitrogen and fungicide applications)					
GREENSNAP	Good						
DROUGHT	Very Good						
FUNGICIDE RESPONSE	Very Good						

## 9811

AVAILABLE AS: SS RIB

111 DAYS

SOIL TYPE		POPULATION		YIELD ENVIRONMENT	
SAND	2	LOW	4	LOW	4
SILT	1	MEDIUM	2	MEDIUM	3
CLAY	2	HIGH	1	HIGH	1

AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium	IRRIGATION	Excellent	GREY LEAF SPOT	Good	STAYGREEN	Average
EAR HEIGHT	Medium-High	MINIMUM-TILLAGE	Very Good	GOSS'S WILT	Good	DRYDOWN	Good
EAR TYPE	Determinate	CORN AFTER CORN	Excellent	SOUTHERN RUST	Average	HVST. APPEARANCE	Good
STALKS	Good	SILAGE	Average	N. LEAF BLIGHT	Good	TEST WEIGHT	Good
ROOTS	Good	POORLY DRAINED	Good	TAR SPOT	N/A	STALK HEALTH	Good
EARLY GROWTH	Very Good	<b>PRODUCT INSIGHT</b> Top performer on corn-on-corn acres and in highly productive soil types Strong disease package for heavier disease presence on corn-after-corn acres Excellent response to high management and highly productive corn-on-corn acres					
GREENSNAP	Good						
DROUGHT	Average						
FUNGICIDE RESPONSE	Very Good						

# CORN PRODUCTS



## 570

AVAILABLE AS: PR RIB, SS RIB

112 DAYS

SOIL TYPE		POPULATION		YIELD ENVIRONMENT	
SAND	1	LOW	2	LOW	3
SILT	1	MEDIUM	1	MEDIUM	1
CLAY	2	HIGH	3	HIGH	1

AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium	IRRIGATION	Excellent	GREY LEAF SPOT	Good	STAYGREEN	Average
EAR HEIGHT	Medium	MINIMUM-TILLAGE	Excellent	GOSS'S WILT	Good	DRYDOWN	Very Good
EAR TYPE	Semi	CORN AFTER CORN	Excellent	SOUTHERN RUST	Good	HVST. APPEARANCE	Good
STALKS	Very Good	SILAGE	Below Average	N. LEAF BLIGHT	Very Good	TEST WEIGHT	Excellent
ROOTS	Very Good	POORLY DRAINED	Very Good	TAR SPOT	N/A	STALK HEALTH	Good
EARLY GROWTH	Excellent	<b>PRODUCT INSIGHT</b> #1 performing hybrid over the last 5 years, unmatched performance in third party testing Very strong agronomic and disease package keeps this hybrid looking good all season Excellent top-end yield potential when placed in highly productive yield environments					
GREENSNAP	Good						
DROUGHT	Good						
FUNGICIDE RESPONSE	Good						

## 656

AVAILABLE AS: PR RIB, CONV.

113 DAYS

SOIL TYPE		POPULATION		YIELD ENVIRONMENT	
SAND	1	LOW	2	LOW	1
SILT	2	MEDIUM	1	MEDIUM	2
CLAY	3	HIGH	3	HIGH	3

AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium	IRRIGATION	Good	GREY LEAF SPOT	Very Good	STAYGREEN	Good
EAR HEIGHT	Medium	MINIMUM-TILLAGE	Good	GOSS'S WILT	Good	DRYDOWN	Average
EAR TYPE	Semi	CORN AFTER CORN	Average	SOUTHERN RUST	Good	HVST. APPEARANCE	Excellent
STALKS	Very Good	SILAGE	Good	N. LEAF BLIGHT	Excellent	TEST WEIGHT	Excellent
ROOTS	Good	POORLY DRAINED	Below Average	TAR SPOT	N/A	STALK HEALTH	Excellent
EARLY GROWTH	Average	<b>PRODUCT INSIGHT</b> Top performing hybrid from 2016 to 2020, very consistent performance especially on low yielding acres Keep this hybrid out of wet soils that hold water Very attractive late season intactness and harvest appearance					
GREENSNAP	Good						
DROUGHT	Excellent						
FUNGICIDE RESPONSE	Good						

## 97113

AVAILABLE AS: VT2P DG RIB

113 DAYS

SOIL TYPE		POPULATION		YIELD ENVIRONMENT	
SAND	3	LOW	3	LOW	3
SILT	1	MEDIUM	1	MEDIUM	2
CLAY	2	HIGH	2	HIGH	1

AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium	IRRIGATION	Excellent	GREY LEAF SPOT	Good	STAYGREEN	Average
EAR HEIGHT	Medium	MINIMUM-TILLAGE	Good	GOSS'S WILT	Average	DRYDOWN	Good
EAR TYPE	Semi	CORN AFTER CORN	Average	SOUTHERN RUST	Average	HVST. APPEARANCE	Good
STALKS	Very Good	SILAGE	Average	N. LEAF BLIGHT	Good	TEST WEIGHT	Very Good
ROOTS	Very Good	POORLY DRAINED	Very Good	TAR SPOT	N/A	STALK HEALTH	Good
EARLY GROWTH	Good	<b>PRODUCT INSIGHT</b> Consistent performance and a top 10 hybrid over the last 4 years Responds well to fungicide and in-season nitrogen application going into reproductive stages Will handle tight clay soils where a hybrid with "wet feet" is needed					
GREENSNAP	Good						
DROUGHT	Good						
FUNGICIDE RESPONSE	Excellent						

## 662

AVAILABLE AS: TRE RIB

113 DAYS

### SOIL TYPE



### POPULATION



### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Very Good	GREY LEAF SPOT	Good	STAYGREEN	Average
EAR HEIGHT	Medium-High	MINIMUM-TILLAGE	Good	GOSS'S WILT	Average	DRYDOWN	Excellent
EAR TYPE	Semi	CORN AFTER CORN	Below Average	SOUTHERN RUST	Average	HVST. APPEARANCE	Very Good
STALKS	Good	SILAGE	Good	N. LEAF BLIGHT	Very Good	TEST WEIGHT	Very Good
ROOTS	Very Good	POORLY DRAINED	Average	TAR SPOT	N/A	STALK HEALTH	Good
EARLY GROWTH	Good	<b>PRODUCT INSIGHT</b> #1 hybrid in mid maturity range from 2020 through 2022, and top 3 overall across all hybrids Superior adaptability across geographies, yield environments, and soil types Best positioned on dryland acres, 656 replacement moving forward					
GREENSNAP	Good						
DROUGHT	Excellent						
FUNGICIDE RESPONSE	Excellent						

## 669

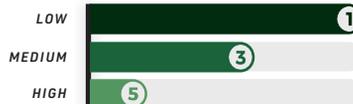
AVAILABLE AS: PR RIB

114 DAYS

### SOIL TYPE



### POPULATION



### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Good	GREY LEAF SPOT	Very Good	STAYGREEN	Good
EAR HEIGHT	Medium-High	MINIMUM-TILLAGE	Excellent	GOSS'S WILT	Very Good	DRYDOWN	Very Good
EAR TYPE	Flex	CORN AFTER CORN	Below Average	SOUTHERN RUST	Good	HVST. APPEARANCE	Average
STALKS	Good	SILAGE	Below Average	N. LEAF BLIGHT	Very Good	TEST WEIGHT	Excellent
ROOTS	Average	POORLY DRAINED	Below Average	TAR SPOT	N/A	STALK HEALTH	Average
EARLY GROWTH	Excellent	<b>PRODUCT INSIGHT</b> Consistent performance in our western territory over the last 5 years Plant at lower populations to maximize plant performance Harvest early when crop is mature to maximize yield and stalk quality					
GREENSNAP	Good						
DROUGHT	Excellent						
FUNGICIDE RESPONSE	Good						

## 82R14

AVAILABLE AS: VT2P RIB

114 DAYS

### SOIL TYPE



### POPULATION



### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Excellent	GREY LEAF SPOT	Good	STAYGREEN	Average
EAR HEIGHT	Medium-High	MINIMUM-TILLAGE	Very Good	GOSS'S WILT	Average	DRYDOWN	Good
EAR TYPE	Semi	CORN AFTER CORN	Good	SOUTHERN RUST	Below Average	HVST. APPEARANCE	Good
STALKS	Very Good	SILAGE	Very Good	N. LEAF BLIGHT	Good	TEST WEIGHT	Good
ROOTS	Good	POORLY DRAINED	Good	TAR SPOT	N/A	STALK HEALTH	Good
EARLY GROWTH	Very Good	<b>PRODUCT INSIGHT</b> #1 hybrid in 2021 and #2 hybrid in 2022 on high yielding acres or under irrigation Best product for top-end yield on highly productive soils and under irrigation Semi-flex ear allows plant populations to be kept at a lower rate					
GREENSNAP	Good						
DROUGHT	Good						
FUNGICIDE RESPONSE	Excellent						

# CORN PRODUCTS



## 83A15

**NEW!**

AVAILABLE AS: TRE RIB

115 DAYS

### SOIL TYPE



### POPULATION



### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Excellent	GREY LEAF SPOT	Good	STAYGREEN	Very Good
EAR HEIGHT	Medium-High	MINIMUM-TILLAGE	Excellent	GOSS'S WILT	Average	DRYDOWN	Very Good
EAR TYPE	Semi	CORN AFTER CORN	Good	SOUTHERN RUST	Average	HVST. APPEARANCE	Very Good
STALKS	Very Good	SILAGE	Below Average	N. LEAF BLIGHT	Good	TEST WEIGHT	Excellent
ROOTS	Good	POORLY DRAINED	Very Good	TAR SPOT	Average	STALK HEALTH	Very Good
EARLY GROWTH	Excellent	<b>PRODUCT INSIGHT</b> #1 Overall hybrid in 2022 testing across all hybrids and environments Best overall new hybrid in our 2024 lineup Very widely adapted hybrid with impressive yield potential for all soil types and yield environments					
GREENSNAP	Good						
DROUGHT	Excellent						
FUNGICIDE RESPONSE	Very Good						

## 85S15

**NEW!**

AVAILABLE AS: PCE RA

115 DAYS

### SOIL TYPE



### POPULATION



### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Excellent	GREY LEAF SPOT	Very Good	STAYGREEN	Very Good
EAR HEIGHT	Medium	MINIMUM-TILLAGE	Good	GOSS'S WILT	Good	DRYDOWN	Good
EAR TYPE	Flex	CORN AFTER CORN	Average	SOUTHERN RUST	Very Good	HVST. APPEARANCE	Very Good
STALKS	Very Good	SILAGE	Excellent	N. LEAF BLIGHT	Average	TEST WEIGHT	Very Good
ROOTS	Very Good	POORLY DRAINED	Good	TAR SPOT	Good	STALK HEALTH	Very Good
EARLY GROWTH	Good	<b>PRODUCT INSIGHT</b> New PowerCore® Enlist® Refuge Advance® trait option Excellent dual-purpose hybrid for grain and silage Very versatile hybrid with large flex ears, deep kernels and excellent tip fill					
GREENSNAP	Good						
DROUGHT	Good						
FUNGICIDE RESPONSE	Very Good						

## 721

AVAILABLE AS: PR RIB

115 DAYS

### SOIL TYPE



### POPULATION



### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Below Average	GREY LEAF SPOT	Good	STAYGREEN	Very Good
EAR HEIGHT	Medium-High	MINIMUM-TILLAGE	Good	GOSS'S WILT	Good	DRYDOWN	Excellent
EAR TYPE	Flex	CORN AFTER CORN	Below Average	SOUTHERN RUST	Good	HVST. APPEARANCE	Good
STALKS	Good	SILAGE	Below Average	N. LEAF BLIGHT	Very Good	TEST WEIGHT	Excellent
ROOTS	Good	POORLY DRAINED	Average	TAR SPOT	Average	STALK HEALTH	Good
EARLY GROWTH	Good	<b>PRODUCT INSIGHT</b> Very good performance on low-yielding tough acres Handles hot, dry conditions and is best positioned south of I-70 Full-flex ear responds well to lower populations					
GREENSNAP	Average						
DROUGHT	Excellent						
FUNGICIDE RESPONSE	Very Good						

## 790

AVAILABLE AS: SS RIB

115 DAYS

### SOIL TYPE



### POPULATION



### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium	IRRIGATION	Excellent	GREY LEAF SPOT	Good	STAYGREEN	Average
EAR HEIGHT	Medium	MINIMUM-TILLAGE	Very Good	GOSS'S WILT	Good	DRYDOWN	Good
EAR TYPE	Semi	CORN AFTER CORN	Excellent	SOUTHERN RUST	Average	HVST. APPEARANCE	Very Good
STALKS	Very Good	SILAGE	Very Good	N. LEAF BLIGHT	Very Good	TEST WEIGHT	Good
ROOTS	Very Good	POORLY DRAINED	Very Good	TAR SPOT	N/A	STALK HEALTH	Very Good
EARLY GROWTH	Very Good	<b>PRODUCT INSIGHT</b> #1 yielding SmartStax® hybrid for 4 straight years Strongest performance and yield for corn-on-corn rotated acres Widely adapted, consistent yielding product across geography					
GREENSNAP	Very Good						
DROUGHT	Good						
FUNGICIDE RESPONSE	Very Good						

## 801

AVAILABLE AS: PR RIB



117 DAYS

### SOIL TYPE



### POPULATION



### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Excellent	GREY LEAF SPOT	Good	STAYGREEN	Very Good
EAR HEIGHT	Medium	MINIMUM-TILLAGE	Very Good	GOSS'S WILT	Good	DRYDOWN	Very Good
EAR TYPE	Determinate	CORN AFTER CORN	Good	SOUTHERN RUST	Good	HVST. APPEARANCE	Very Good
STALKS	Very Good	SILAGE	Good	N. LEAF BLIGHT	Very Good	TEST WEIGHT	Very Good
ROOTS	Very Good	POORLY DRAINED	Very Good	TAR SPOT	N/A	STALK HEALTH	Good
EARLY GROWTH	Good	<b>PRODUCT INSIGHT</b> Top performer across late season hybrid testing the past 3 years Plant at higher populations to maximize performance Best if placed on medium to high yielding soil types					
GREENSNAP	Good						
DROUGHT	Good						
FUNGICIDE RESPONSE	Good						

## 93R18

NEW!

AVAILABLE AS: TRE RIB

118 DAYS

### SOIL TYPE



### POPULATION



### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Excellent	GREY LEAF SPOT	Good	STAYGREEN	Very Good
EAR HEIGHT	Medium-High	MINIMUM-TILLAGE	Excellent	GOSS'S WILT	Below Average	DRYDOWN	Good
EAR TYPE	Semi	CORN AFTER CORN	Good	SOUTHERN RUST	Good	HVST. APPEARANCE	Very Good
STALKS	Very Good	SILAGE	Excellent	N. LEAF BLIGHT	Good	TEST WEIGHT	Good
ROOTS	Good	POORLY DRAINED	Very Good	TAR SPOT	Below Average	STALK HEALTH	Good
EARLY GROWTH	Good	<b>PRODUCT INSIGHT</b> Excellent top-end yielder for productive soil types New late season hybrid with high yield potential Attractive plant type with strong agronomics and disease ratings					
GREENSNAP	Very Good						
DROUGHT	Very Good						
FUNGICIDE RESPONSE	Good						

# SOYBEAN CHART



PRODUCT	AGRO-GUARD	RM	PLANT HEIGHT	PLANT CANOPY	EMERGENCE	STANDABILITY	STRESS TOLERANCE	SALT EXCLUDER	SCN RESISTANCE	IRRIGATION	MINIMUM TILLAGE	DOUBLE CROP	EARLY PLANTED	WIDE ROWS
<b>XTENDFLEX® SOYBEANS WITH STS®   XTENDFLEX® SOYBEANS</b>														
2822XFS		2.8	MT	ID	VG	VG	E	None	PI88788	G	E	N/A	VG	G
XF31423		3.1	MT	ID	VG	VG	G	None	PI88788	E	E	N/A	G	G
3522XF	✓	3.5	MT	ID	E	E	VG	None	PI88788	G	E	N/A	E	G
XFS38623		3.8	M	ID	VG	G	VG	None	PI88788	AVG	G	VG	G	VG
XFS39123		3.9	MT	ID	E	G	VG	None	PI88788	VG	E	E	VG	G
4122XFS		4.1	MT	ID	VG	G	VG	Excluder	PI88788	VG	G	G	VG	VG
<b>NEW!</b> XF42724	✓	4.2	MT	ID	VG	VG	G	None	PI88788	E	VG	BA	E	VG
4221XFS		4.2	T	TH	VG	AVG	E	None	PI88788	BA	VG	E	G	AVG
4422XF		4.4	MT	ID	VG	VG	G	None	PI88788	E	VG	BA	E	E
4621XFS	✓	4.6	MT	ID	VG	G	E	Mixed	PI88788	G	E	E	VG	G
4922XFS	✓	4.9	MT	ID	VG	G	G	None	PI88788	E	VG	AVG	VG	VG
XFS50223		5.0	T	ID	VG	G	E	None	PI88788	G	E	E	VG	G
<b>NEW!</b> XFS52824		5.2	T	ID	VG	G	VG	None	PI88788	G	E	E	VG	G
<b>ENLIST E3® SOYBEANS WITH STS®   ENLIST E3® SOYBEANS</b>														
<b>NEW!</b> 29E234	✓	2.9	M	ID	VG	G	G	None	Peking	VG	VG	N/A	VG	G
3392E3	✓	3.3	MT	ID	E	G	E	None	PI88788	G	E	N/A	E	VG
<b>NEW!</b> 35E624		3.5	M	B	VG	G	VG	None	PI88788	VG	VG	N/A	VG	E
39ES823		3.9	MT	B	VG	G	VG	None	PI88788	VG	G	VG	G	E
<b>NEW!</b> 41E324	✓	4.1	MT	ID	VG	G	VG	None	PI88788	VG	VG	BA	VG	G
4260E3S	✓	4.2	M	ID	VG	E	G	None	PI88788	E	VG	AVG	E	VG
<b>NEW!</b> 44ES124		4.4	MT	ID	E	E	E	None	PI88788	G	E	E	VG	VG
4602E3S		4.6	MT	ID	VG	G	VG	None	N/A	G	VG	VG	G	G
47E323		4.7	M	ID	G	G	G	Excluder	PI88788	VG	VG	AVG	G	G
4880E3S		4.8	T	TH	E	G	E	None	N/A	BA	E	E	G	AVG
<b>CONVENTIONAL</b>														
<b>NEW!</b> 36C723		3.6	SH	ID	VG	G	AVG	None	PI88788	E	G	BA	VG	G
<b>NEW!</b> 42C924		4.2	M	ID	E	G	G	Excluder	PI88788	VG	E	VG	E	G
49C211		4.9	MT	ID	VG	VG	E	Excluder	N/A	G	VG	VG	VG	G

Rating Scale: E = Excellent, VG = Very Good, G = Good, AVG = Average, BA = Below Average, F = Fair  
 Plant Height: MT = Medium-Tall, M = Medium, T = Tall, SH = Short | Plant Canopy: ID = Intermediate, B = Bush, TH = Thin  
 Pubescence: GR = Gray, LTW = Light Tawny, TW = Tawny | Seed Size: S = Small, L = Large

# SOYBEAN CHART

POORLY DRAINED	SUDDEN DEATH	FROGEYE LEAF SPOT	PRR	BROWN STEM ROT	IRON DEFICIENCY CHL.	WHITE MOLD	PUBESCENCE	HARVEST APPEARANCE	GREEN STEM TOLERANCE	SEED SIZE	SHATTER	HARVESTABILITY	PRODUCT
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## XTENDFLEX® SOYBEANS WITH STS® | XTENDFLEX® SOYBEANS

G	AVG	G	BA	E	G	G	GR	VG	N/A	AVG	VG	E	2822XFS
G	AVG	G	AVG	E	VG	G	GR	VG	N/A	AVG	VG	VG	XF31423
G	VG	AVG	G	G	AVG	AVG	GR	VG	VG	AVG	VG	E	3522XF
G	VG	E	G	G	N/A	N/A	LTW	G	VG	AVG	E	VG	XFS38623
G	AVG	G	AVG	G	AVG	BA	LTW	G	G	L	VG	G	XFS39123
G	G	G	VG	G	AVG	N/A	LTW	VG	VG	AVG	E	VG	4122XFS
E	VG	VG	VG	G	G	G	TW	VG	VG	AVG	VG	VG	XF42724 <b>NEW!</b>
BA	BA	G	G	G	BA	N/A	LTW	G	G	S	VG	G	4221XFS
E	E	G	G	G	AVG	N/A	GR	VG	G	AVG	E	E	4422XF
G	G	G	G	G	G	N/A	LTW	VG	G	AVG	VG	G	4621XFS
VG	VG	VG	VG	G	G	N/A	LTW	VG	VG	L	E	VG	4922XFS
AVG	AVG	AVG	G	G	BA	N/A	LTW	G	G	AVG	VG	G	XFS50223
G	AVG	G	G	G	G	N/A	LTW	VG	G	AVG	VG	VG	XFS52824 <b>NEW!</b>

## ENLIST E3® SOYBEANS WITH STS® | ENLIST E3® SOYBEANS

G	VG	G	G	G	G	G	LTW	G	G	S	VG	G	29E234 <b>NEW!</b>
G	VG	G	VG	E	VG	G	LTW	VG	G	AVG	E	E	339E23
VG	AVG	E	G	G	G	G	LTW	VG	E	AVG	VG	VG	35E624 <b>NEW!</b>
AVG	AVG	VG	VG	G	AVG	AVG	LTW	G	G	AVG	VG	VG	39ES823
G	G	VG	G	G	G	N/A	LTW	VG	G	AVG	VG	VG	41E324 <b>NEW!</b>
E	G	VG	VG	G	G	N/A	GR	E	VG	AVG	E	E	4260E3S
VG	VG	VG	VG	E	G	N/A	LTW	VG	VG	AVG	VG	VG	44ES124 <b>NEW!</b>
AVG	G	VG	G	G	G	N/A	GR	G	VG	AVG	E	VG	4602E3S
G	VG	VG	G	G	AVG	N/A	LTW	G	VG	AVG	E	VG	47E323
AVG	BA	VG	VG	G	AVG	N/A	GR	G	G	AVG	VG	G	4880E3S

## CONVENTIONAL

G	VG	VG	E	G	AVG	N/A	TW	G	E	L	VG	VG	36C723 <b>NEW!</b>
G	VG	VG	VG	G	AVG	N/A	TW	VG	E	AVG	E	VG	42C924 <b>NEW!</b>
AVG	G	VG	VG	G	G	N/A	LTW	G	VG	AVG	VG	VG	49C211

Rating Scale: E = Excellent, VG = Very Good, G = Good, AVG = Average, BA = Below Average, F = Fair  
 Plant Height: MT = Medium-Tall, M = Medium, T = Tall, S = Short | Plant Canopy: ID = Intermediate, B = Bush, TH = Thin  
 Pubescence: GR = Gray, LTW = Light Tawny, TW = Tawny | Seed Size: S = Small, L = Large



## 2822XFS

### XTENDFLEX® SOYBEANS AND STS®

RM 2.8

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Good	SUDDEN DEATH	Average	PUBESCENCE	Gray
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Excellent	FROGEYE LEAF SPOT	Good	HRVST. APPEARANCE	Very Good
EMERGENCE	Very Good	DOUBLE CROP	N/A	PRR	Below Average	GREEN STEM TOL.	N/A
STANDABILITY	Very Good	EARLY PLANTED	Very Good	BROWN STEM ROT	Excellent	SEED SIZE	Average
STRESS TOLERANCE	Excellent	WIDE ROWS	Good	IRON DEFICIENCY CHL.	Good	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Good	WHITE MOLD	Good	HARVESTABILITY	Excellent

#### PRODUCT INSIGHT

Best performance in low to moderate yield environments and where high pH can be a problem  
Best if paired with Edge Complete or Edge Elite

## XF31423

### XTENDFLEX® SOYBEANS

RM 3.1

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Excellent	SUDDEN DEATH	Average	PUBESCENCE	Gray
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Excellent	FROGEYE LEAF SPOT	Good	HRVST. APPEARANCE	Very Good
EMERGENCE	Very Good	DOUBLE CROP	N/A	PRR	Average	GREEN STEM TOL.	N/A
STANDABILITY	Very Good	EARLY PLANTED	Good	BROWN STEM ROT	Excellent	SEED SIZE	Average
STRESS TOLERANCE	Good	WIDE ROWS	Good	IRON DEFICIENCY CHL.	Very Good	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Good	WHITE MOLD	Good	HARVESTABILITY	Very Good

#### PRODUCT INSIGHT

Edge seed treatment recommended especially when planting early to protect against PRR  
Strong yield performance in SE Nebraska, both under irrigation and on dryland

## 3522XF

### XTENDFLEX® SOYBEANS



RM 3.5

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Good	SUDDEN DEATH	Very Good	PUBESCENCE	Gray
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Excellent	FROGEYE LEAF SPOT	Average	HRVST. APPEARANCE	Very Good
EMERGENCE	Excellent	DOUBLE CROP	N/A	PRR	Good	GREEN STEM TOL.	Very Good
STANDABILITY	Excellent	EARLY PLANTED	Excellent	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Very Good	WIDE ROWS	Good	IRON DEFICIENCY CHL.	Average	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Good	WHITE MOLD	Average	HARVESTABILITY	Excellent

#### PRODUCT INSIGHT

Strong variety for early planting situations  
Solid performance throughout Kansas, Missouri, and Nebraska, and also topped third-party FIRST Testing

## XFS38623

### XTENDFLEX® SOYBEANS AND STS®

RM 3.8

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium	IRRIGATION	Average	SUDDEN DEATH	Very Good	PUBESCENCE	Light Tawny
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Good	FROGEYE LEAF SPOT	Excellent	HRVST. APPEARANCE	Good
EMERGENCE	Very Good	DOUBLE CROP	Very Good	PRR	Good	GREEN STEM TOL.	Very Good
STANDABILITY	Good	EARLY PLANTED	Good	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Very Good	WIDE ROWS	Very Good	IRON DEFICIENCY CHL.	N/A	SHATTER	Excellent
SALT EXCLUDER	None	POORLY DRAINED	Good	WHITE MOLD	N/A	HARVESTABILITY	Very Good

#### PRODUCT INSIGHT

Consistent yields in third party testing (FIRST Tests)  
Very good disease tolerance package to protect yield

## XFS39123

### XTENDFLEX® SOYBEANS AND STS®

RM 3.9

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Very Good	SUDDEN DEATH	Average	PUBESCENCE	Light Tawny
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Excellent	FROGEYE LEAF SPOT	Good	HRVST. APPEARANCE	Good
EMERGENCE	Excellent	DOUBLE CROP	Excellent	PRR	Average	GREEN STEM TOL.	Good
STANDABILITY	Good	EARLY PLANTED	Very Good	BROWN STEM ROT	Good	SEED SIZE	Large
STRESS TOLERANCE	Very Good	WIDE ROWS	Good	IRON DEFICIENCY CHL.	Average	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Good	WHITE MOLD	Below Average	HARVESTABILITY	Good

#### PRODUCT INSIGHT

Best if treated with Salstro® to protect against Sudden Death Syndrome  
108% in 2022 mid maturity testing (RM 3.7-4.4)

## 4122XFS

### XTENDFLEX® SOYBEANS AND STS®

RM 4.1

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Very Good	SUDDEN DEATH	Good	PUBESCENCE	Light Tawny
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Good	FROGEYE LEAF SPOT	Good	HRVST. APPEARANCE	Very Good
EMERGENCE	Very Good	DOUBLE CROP	Good	PRR	Very Good	GREEN STEM TOL.	Very Good
STANDABILITY	Good	EARLY PLANTED	Very Good	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Very Good	WIDE ROWS	Very Good	IRON DEFICIENCY CHL.	Average	SHATTER	Excellent
SALT EXCLUDER	Excluder	POORLY DRAINED	Good	WHITE MOLD	N/A	HARVESTABILITY	Very Good

#### PRODUCT INSIGHT

#1 overall variety in 2022 testing. Consistently won plots across all yield environments and soil types  
Strong recommendation to include in Targeted Seed Plan portfolio



## XF42724

NEW!

### XTENDFLEX® SOYBEANS



RM 4.2

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Excellent	SUDDEN DEATH	Very Good	PUBESCENCE	Tawny
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Very Good	FROGEYE LEAF SPOT	Very Good	HRVST. APPEARANCE	Very Good
EMERGENCE	Very Good	DOUBLE CROP	Below Average	PRR	Very Good	GREEN STEM TOL.	Very Good
STANDABILITY	Very Good	EARLY PLANTED	Excellent	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Good	WIDE ROWS	Very Good	IRON DEFICIENCY CHL.	Good	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Excellent	WHITE MOLD	Good	HARVESTABILITY	Very Good

#### PRODUCT INSIGHT

#2 in 2022 high yielding and irrigated plots  
Better standability and SDS tolerance than 4122XFS

## 4221XFS

### XTENDFLEX® SOYBEANS AND STS®

RM 4.2

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Tall	IRRIGATION	Below Average	SUDDEN DEATH	Below Average	PUBESCENCE	Light Tawny
PLANT CANOPY	Thin	MINIMUM TILLAGE	Very Good	FROGEYE LEAF SPOT	Good	HRVST. APPEARANCE	Good
EMERGENCE	Very Good	DOUBLE CROP	Excellent	PRR	Good	GREEN STEM TOL.	Good
STANDABILITY	Average	EARLY PLANTED	Good	BROWN STEM ROT	Good	SEED SIZE	Small
STRESS TOLERANCE	Excellent	WIDE ROWS	Average	IRON DEFICIENCY CHL.	Below Average	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Below Average	WHITE MOLD	N/A	HARVESTABILITY	Good

#### PRODUCT INSIGHT

Best positioned on tough acres and low yield environments, standability can get weak on highly productive acres  
Keep off of acres with high Sudden Death Syndrome pressure

## 4422XF

### XTENDFLEX® SOYBEANS

RM 4.4

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Excellent	SUDDEN DEATH	Excellent	PUBESCENCE	Gray
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Very Good	FROGEYE LEAF SPOT	Good	HRVST. APPEARANCE	Very Good
EMERGENCE	Very Good	DOUBLE CROP	Below Average	PRR	Good	GREEN STEM TOL.	Good
STANDABILITY	Very Good	EARLY PLANTED	Excellent	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Good	WIDE ROWS	Excellent	IRON DEFICIENCY CHL.	Average	SHATTER	Excellent
SALT EXCLUDER	None	POORLY DRAINED	Excellent	WHITE MOLD	N/A	HARVESTABILITY	Excellent

#### PRODUCT INSIGHT

Place on high yielding acres and where high Sudden Death Syndrome pressure can be expected  
Solid branching for wide rows and fast canopy

## 4621XFS

### XTENDFLEX® SOYBEANS AND STS®



RM 4.6

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Good	SUDDEN DEATH	Good	PUBESCENCE	Light Tawny
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Excellent	FROGEYE LEAF SPOT	Good	HRVST. APPEARANCE	Very Good
EMERGENCE	Very Good	DOUBLE CROP	Excellent	PRR	Good	GREEN STEM TOL.	Good
STANDABILITY	Good	EARLY PLANTED	Very Good	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Excellent	WIDE ROWS	Good	IRON DEFICIENCY CHL.	Good	SHATTER	Very Good
SALT EXCLUDER	Mixed	POORLY DRAINED	Good	WHITE MOLD	N/A	HARVESTABILITY	Good

#### PRODUCT INSIGHT

Top performer across XtendFlex® variety trials for the past 3 years  
Best fit on mixed and heavy soils

## 4922XFS

### XTENDFLEX® SOYBEANS AND STS®



RM 4.9

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Excellent	SUDDEN DEATH	Very Good	PUBESCENCE	Light Tawny
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Very Good	FROGEYE LEAF SPOT	Very Good	HRVST. APPEARANCE	Very Good
EMERGENCE	Very Good	DOUBLE CROP	Average	PRR	Very Good	GREEN STEM TOL.	Very Good
STANDABILITY	Good	EARLY PLANTED	Very Good	BROWN STEM ROT	Good	SEED SIZE	Large
STRESS TOLERANCE	Good	WIDE ROWS	Very Good	IRON DEFICIENCY CHL.	Good	SHATTER	Excellent
SALT EXCLUDER	None	POORLY DRAINED	Very Good	WHITE MOLD	N/A	HARVESTABILITY	Very Good

#### PRODUCT INSIGHT

Best performance in moderate to high yielding soil types  
Strong performance throughout SE Kansas and SW Missouri

## XFS50223

### XTENDFLEX® SOYBEANS AND STS®

RM 5.0

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Tall	IRRIGATION	Good	SUDDEN DEATH	Average	PUBESCENCE	Light Tawny
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Excellent	FROGEYE LEAF SPOT	Average	HRVST. APPEARANCE	Good
EMERGENCE	Very Good	DOUBLE CROP	Excellent	PRR	Good	GREEN STEM TOL.	Good
STANDABILITY	Good	EARLY PLANTED	Very Good	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Excellent	WIDE ROWS	Good	IRON DEFICIENCY CHL.	Below Average	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Average	WHITE MOLD	N/A	HARVESTABILITY	Good

#### PRODUCT INSIGHT

#1 variety in low yielding plots in 2022 testing for late group 4/early 5 maturity  
Indeterminate plant, resistant to stem canker, and strong performance on tough/low yielding acres

# SOYBEAN PRODUCTS

## XFS52824

**NEW!**

### XTENDFLEX® SOYBEANS AND STS®

### RM 5.2

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Tall	IRRIGATION	Good	SUDDEN DEATH	Average	PUBESCENCE	Light Tawny
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Excellent	FROGEYE LEAF SPOT	Good	HRVST. APPEARANCE	Very Good
EMERGENCE	Very Good	DOUBLE CROP	Excellent	PRR	Good	GREEN STEM TOL.	Good
STANDABILITY	Good	EARLY PLANTED	Very Good	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Very Good	WIDE ROWS	Good	IRON DEFICIENCY CHL.	Good	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Good	WHITE MOLD	N/A	HARVESTABILITY	Very Good

#### PRODUCT INSIGHT

Indeterminate plant resistant to stem canker  
Tall, aggressive plant type for our southern territory

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.** It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend™ soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex™ Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with products with XtendFlex™ Technology.

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

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

Roundup Ready 2 Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend™ soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex™ Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. 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.

Roundup Ready 2 Technology, Liberty Link, Roundup Ready 2 Yield, and XtendFlex are 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.

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.biotechdastatus.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 -top herbicides. 2,4-D and -top herbicides will damage or kill crops that are not tolerant to 2,4-D or -tops.

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®, LibertyLink™ 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. **PowerCore™ Enlist® corn products with HX1, VTP, ENL, LL, RR. A separate 5% corn borer refuge in the corn belt, and a separate 20% corn borer refuge in EPA-designated cotton-growing counties must be planted PowerCore Enlist products.**

**STS®** hericide tolerant trait  
HERBICIDE STATEMENT: This variety contains a trait providing enhanced tolerance to specific sulfonylurea soybean herbicides such as Synchrony™ XP and Classic™ and any additional herbicides to be developed and as clearly noted on their herbicide label. **YOU MUST SIGN A TECHNOLOGY USE AGREEMENT, READ THE PRODUCT USE GUIDE PRIOR TO PLANTING.** The STS™ gene will not safeguard this variety against other herbicide chemistries which are labeled to be used only over-the-top of crops that have a different and specified herbicide resistant gene. Always read and follow herbicide directions prior to use. ACCIDENTAL APPLICATION OF INCOMPATIBLE HERBICIDES TO THIS VARIETY COULD RESULT IN TOTAL CROP LOSS.

**Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides.** Agrisure® and Viptera® are trademarks of a Syngenta Group Company.

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

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

## 29E234

**NEW!**

### ENLIST E3® SOYBEANS



**RM 2.9**

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium	IRRIGATION	Very Good	SUDDEN DEATH	Very Good	PUBESCENCE	Light Tawny
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Very Good	FROGEYE LEAF SPOT	Good	HRVST. APPEARANCE	Good
EMERGENCE	Very Good	DOUBLE CROP	N/A	PRR	Good	GREEN STEM TOL.	Good
STANDABILITY	Good	EARLY PLANTED	Very Good	BROWN STEM ROT	Good	SEED SIZE	Small
STRESS TOLERANCE	Good	WIDE ROWS	Good	IRON DEFICIENCY CHL.	Good	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Good	WHITE MOLD	Good	HARVESTABILITY	Good

#### PRODUCT INSIGHT

Peking resistance for Soybean Cyst Nematode  
Back to back years in breeder testing show this is an elite variety over previous 2990E3 offering

## 3392E3

### ENLIST E3® SOYBEANS



**RM 3.3**

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Good	SUDDEN DEATH	Very Good	PUBESCENCE	Light Tawny
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Excellent	FROGEYE LEAF SPOT	Good	HRVST. APPEARANCE	Very Good
EMERGENCE	Excellent	DOUBLE CROP	N/A	PRR	Very Good	GREEN STEM TOL.	Good
STANDABILITY	Good	EARLY PLANTED	Excellent	BROWN STEM ROT	Excellent	SEED SIZE	Average
STRESS TOLERANCE	Excellent	WIDE ROWS	Very Good	IRON DEFICIENCY CHL.	Very Good	SHATTER	Excellent
SALT EXCLUDER	None	POORLY DRAINED	Good	WHITE MOLD	Good	HARVESTABILITY	Excellent

#### PRODUCT INSIGHT

#1 variety in our early maturity testing, and topped third party testing in 2021 and 2022  
Widely adapted variety with top-end combination of performance and agronomics

## 35E624

**NEW!**

### ENLIST E3® SOYBEANS

**RM 3.5**

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium	IRRIGATION	Very Good	SUDDEN DEATH	Average	PUBESCENCE	Light Tawny
PLANT CANOPY	Bush	MINIMUM TILLAGE	Very Good	FROGEYE LEAF SPOT	Excellent	HRVST. APPEARANCE	Very Good
EMERGENCE	Very Good	DOUBLE CROP	N/A	PRR	Good	GREEN STEM TOL.	Excellent
STANDABILITY	Good	EARLY PLANTED	Very Good	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Very Good	WIDE ROWS	Excellent	IRON DEFICIENCY CHL.	Good	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Very Good	WHITE MOLD	Good	HARVESTABILITY	Very Good

#### PRODUCT INSIGHT

Big acre product for all yield environments  
Strong agronomics and disease package to provide excellent season-long health



## 39ES823

### ENLIST E3® SOYBEANS AND STS®

RM 3.9

#### SOIL TYPE



#### YIELD ENVIRONMENT



STS®  
herbicide tolerant trait

AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Very Good	SUDDEN DEATH	Average	PUBESCENCE	Light Tawny
PLANT CANOPY	Bush	MINIMUM TILLAGE	Good	FROGEYE LEAF SPOT	Very Good	HRVST. APPEARANCE	Good
EMERGENCE	Very Good	DOUBLE CROP	Very Good	PRR	Very Good	GREEN STEM TOL.	Good
STANDABILITY	Good	EARLY PLANTED	Good	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Very Good	WIDE ROWS	Excellent	IRON DEFICIENCY CHL.	Average	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Average	WHITE MOLD	Average	HARVESTABILITY	Very Good

#### PRODUCT INSIGHT

#2 overall in mid-range maturity group in 2022 testing  
This variety performs well across a large geography, soil types, and yield environments

## 41E324

**NEW!**

### ENLIST E3® SOYBEANS



RM 4.1

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Very Good	SUDDEN DEATH	Good	PUBESCENCE	Light Tawny
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Very Good	FROGEYE LEAF SPOT	Very Good	HRVST. APPEARANCE	Very Good
EMERGENCE	Very Good	DOUBLE CROP	Below Average	PRR	Good	GREEN STEM TOL.	Good
STANDABILITY	Good	EARLY PLANTED	Very Good	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Very Good	WIDE ROWS	Good	IRON DEFICIENCY CHL.	Good	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Good	WHITE MOLD	N/A	HARVESTABILITY	Very Good

#### PRODUCT INSIGHT

Excellent performance across all soil types and yield environments  
Good disease package helps with very attractive plant appearance

## 4260E3S

### ENLIST E3® SOYBEANS AND STS®



RM 4.2

#### SOIL TYPE



#### YIELD ENVIRONMENT



STS®  
herbicide tolerant trait

AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium	IRRIGATION	Excellent	SUDDEN DEATH	Good	PUBESCENCE	Gray
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Very Good	FROGEYE LEAF SPOT	Very Good	HRVST. APPEARANCE	Excellent
EMERGENCE	Very Good	DOUBLE CROP	Average	PRR	Very Good	GREEN STEM TOL.	Very Good
STANDABILITY	Excellent	EARLY PLANTED	Excellent	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Good	WIDE ROWS	Very Good	IRON DEFICIENCY CHL.	Good	SHATTER	Excellent
SALT EXCLUDER	None	POORLY DRAINED	Excellent	WHITE MOLD	N/A	HARVESTABILITY	Excellent

#### PRODUCT INSIGHT

Most consistent yielding variety on highly productive acres  
Healthy disease package for season-long protection

## 44ES124

**NEW!**

### ENLIST E3® SOYBEANS AND STS®

**RM 4.4**

#### SOIL TYPE



#### YIELD ENVIRONMENT



STS®  
herbicide tolerant trait

AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Good	SUDDEN DEATH	Very Good	PUBESCENCE	Light Tawny
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Excellent	FROGEYE LEAF SPOT	Very Good	HRVST. APPEARANCE	Very Good
EMERGENCE	Excellent	DOUBLE CROP	Excellent	PRR	Very Good	GREEN STEM TOL.	Very Good
STANDABILITY	Excellent	EARLY PLANTED	Very Good	BROWN STEM ROT	Excellent	SEED SIZE	Average
STRESS TOLERANCE	Excellent	WIDE ROWS	Very Good	IRON DEFICIENCY CHL.	Good	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Very Good	WHITE MOLD	N/A	HARVESTABILITY	Very Good

#### PRODUCT INSIGHT

Widely adapted variety to fit most soil types and yield environments  
Superior yield performance in 2022 breeder testing

## 4602E3S

### ENLIST E3® SOYBEANS AND STS®

**RM 4.6**

#### SOIL TYPE



#### YIELD ENVIRONMENT



STS®  
herbicide tolerant trait

AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium-Tall	IRRIGATION	Good	SUDDEN DEATH	Good	PUBESCENCE	Gray
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Very Good	FROGEYE LEAF SPOT	Very Good	HRVST. APPEARANCE	Good
EMERGENCE	Very Good	DOUBLE CROP	Very Good	PRR	Good	GREEN STEM TOL.	Very Good
STANDABILITY	Good	EARLY PLANTED	Good	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Very Good	WIDE ROWS	Good	IRON DEFICIENCY CHL.	Good	SHATTER	Excellent
SALT EXCLUDER	None	POORLY DRAINED	Average	WHITE MOLD	N/A	HARVESTABILITY	Very Good

#### PRODUCT INSIGHT

Consistent top yielder over the last 2 seasons  
Strong all-around performance and pairs nicely with 47E323 and 4880E3S for complete package

## 47E323

### ENLIST E3® SOYBEANS

**RM 4.7**

#### SOIL TYPE



#### YIELD ENVIRONMENT



AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Medium	IRRIGATION	Very Good	SUDDEN DEATH	Very Good	PUBESCENCE	Light Tawny
PLANT CANOPY	Intermediate	MINIMUM TILLAGE	Very Good	FROGEYE LEAF SPOT	Very Good	HRVST. APPEARANCE	Good
EMERGENCE	Good	DOUBLE CROP	Average	PRR	Good	GREEN STEM TOL.	Very Good
STANDABILITY	Good	EARLY PLANTED	Good	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Good	WIDE ROWS	Good	IRON DEFICIENCY CHL.	Average	SHATTER	Excellent
SALT EXCLUDER	Excluder	POORLY DRAINED	Good	WHITE MOLD	N/A	HARVESTABILITY	Very Good

#### PRODUCT INSIGHT

Top 5 in 2022 testing for late group 4 maturity  
Stronger SDS protection over other offerings in similar maturity range



## 4880E3S

### ENLIST E3® SOYBEANS AND STS®

RM 4.8

#### SOIL TYPE



#### YIELD ENVIRONMENT



STS®  
herbicide tolerant trait

AGRONOMICS		PLANTING		IN-SEASON		HARVEST	
PLANT HEIGHT	Tall	IRRIGATION	Below Average	SUDDEN DEATH	Below Average	PUBESCENCE	Gray
PLANT CANOPY	Thin	MINIMUM TILLAGE	Excellent	FROGEYE LEAF SPOT	Very Good	HRVST. APPEARANCE	Good
EMERGENCE	Excellent	DOUBLE CROP	Excellent	PRR	Very Good	GREEN STEM TOL.	Good
STANDABILITY	Good	EARLY PLANTED	Good	BROWN STEM ROT	Good	SEED SIZE	Average
STRESS TOLERANCE	Excellent	WIDE ROWS	Average	IRON DEFICIENCY CHL.	Average	SHATTER	Very Good
SALT EXCLUDER	None	POORLY DRAINED	Average	WHITE MOLD	N/A	HARVESTABILITY	Good

#### PRODUCT INSIGHT

Outstanding yield potential in tough, low yielding environments  
#1 variety for SE Kansas and SW Missouri in tough environments or double crop



## ENLIST® WEED CONTROL SYSTEM— PROVEN CONTROL OF TOUGH WEEDS

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.

**SOYBEANS** 2,4-D choline | Glyphosate | Glufosinate

**CORN** 2,4-D choline | Glyphosate | Glufosinate | FOP Herbicides



- 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 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

## CORN

EMERGENCE / EARLY SEASON VIGOR  
STALKS / ROOTS  
DROUGHT/STRESS  
GREENSNAP  
GREY LEAF SPOT  
GOSS'S WILT  
SOUTHERN RUST  
NORTHERN CORN LEAF BLIGHT  
HARVEST APPEARANCE  
TW / GRAIN QUALITY



"Agro-Guard™" designates an *elite class* of Mustang Seeds hybrids and varieties. Every Mustang Seeds product stamped with Agro-Guard shows leading and consistent performance in the field, and "good" or better ratings in the agronomic and disease categories listed to the left for corn and to the right for soybeans. When placed correctly, Agro-Guard hybrids and varieties give you the best opportunity to maximize return on investment.

## SOYBEAN

EMERGENCE / EARLY GROWTH  
STANDABILITY  
DROUGHT/STRESS  
SUDDEN DEATH SYNDROME  
FROGEYE LEAF SPOT  
IRON DEFICIENCY CHLOROSIS  
PHYTOPHTHORA  
SOYBEAN CYST NEMATODE  
HARVESTABILITY

# TREATMENT OPTIONS



- Offers both seed-borne and soil-borne disease protection
- Includes Vibrance® Cinco seed treatment, which contains five powerful fungicides with five active ingredients and five modes of action in one jug for the most consistent and comprehensive seed-applied disease protection on the market today
- All 2020 and newer hybrid releases come standard with base 500 insecticide treatment rates
- All hybrids released in 2022 and newer (hybrids ending in a 2 or 3) will also include Vayantis® fungicide



CRUISER® INSECTICIDE +  
VIBRANCE® CINCO

PYTHIUM	✓
RHIZOCTONIA	✓
FUSARIUM	✓
VISUAL VIGOR RATING	✓



Powered by CruiserMaxx® APX, EDGEsSt is designed precisely for the environments we cover. Specifically customized for our customers, our proprietary EDGE seed treatment platforms will ensure your seed has the best start, no matter the growing conditions.



	EDGE	EDGE PLUS	EDGE ELITE
CRUISER® INSECTICIDE	✓	✓	✓
APRON XL® FUNGICIDE	✓	✓	✓
MAXIM® FUNGICIDE	✓	✓	✓
VAYANTIS® FUNGICIDE	✓	✓	✓
VIBRANE® FUNGICIDE	✓	✓	✓
SIGNUM® INOCULANT		✓	✓
SALTRO® SDS/NEMATODE			✓

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PROTECT. PERFORM. PROFIT.



# Pledge Your Allegiance TO FREEDOM AND FLEXIBILITY

## FALL DORMANCY

**AmeriStand 457TQ RR** WINTERHARDINESS: 1.8 CUTTINGS/SEASON: 4-5

### High Quality Traffic Tested® Alfalfa with Roundup Ready® Tolerance

- Excellent forage quality for optimal animal performance
- Perfect disease resistance score of 35/35 DRI with HR for both races 1 and 2 of Aphanomyces
- Very fast recovery for frequent harvest schedules under intensive management

**AmeriStand 428TQ** WINTERHARDINESS: 1.3 CUTTINGS/SEASON: 4-5

### UltraCut™ Alfalfa Disease Package Ups Ante on Yield and Persistence Leader

- A new day in disease resistance greatly effecting establishment and in-crop performance, with a perfect Disease Resistance Index (DRI) of 40/40
- HR (high resistance) to aphanomyces race 1, race 2, evolving aphanomyces strains<sup>1</sup>, and HR to anthracnose race 1 and race 5<sup>2</sup>
- Outstanding yield potential and agronomic performance

4.0  
4.2

4.4

## AmeriStand 481 HVXRR



WINTERHARDINESS: 1.9

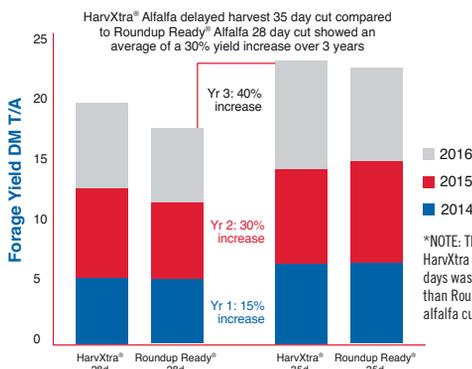
CUTTINGS/SEASON: 3-4

### The Industry's First Genetically Enhanced Alfalfa Technology Developed to Maximize Quality

- Features UltraCut™ alfalfa disease package, the latest advancement in disease resistance, which includes High Resistance to Aphanomyces Root Rot Race 1, 2 and evolving Aphanomyces strains<sup>1</sup>; and includes multi-race resistance to Anthracnose<sup>2</sup>
- HarvXtra® Alfalfa gives growers the ability to better manage the yield-versus-quality tradeoff
- It offers more flexibility in cutting schedule to achieve improved forage quality or greater yield potential, when compared to conventional alfalfa at the same stage of maturity
- Expect fast recovery for frequent harvest schedules under intensive management

## 28 DAY VS. 35 DAY FORAGE YIELD

3 YEAR SUMMARY | WEST SALEM, WI (F13 SEEDING)



\*NOTE: The quality of HarvXtra alfalfa cut at 35 days was equal to/better than Roundup Ready alfalfa cut at 28 days

Variety Characteristics	Fall Dormancy	Number of Cuttings	Traffic Tested®	Phytophthora Root Rot	Anthracnose Race 1	Anthracnose Race 5 <sup>2</sup>	Verrucillium Wilt	Fusarium Wilt	Bacterial Wilt	Aphanomyces Root Rot Race 1	Aphanomyces Root Rot Race 2	Evolving Aphanomyces Strain <sup>1</sup>	Stem Nematode	Root Rot Nematode	Pea Aphid	Spotted Alfalfa Aphid
<b>AmeriStand 481 HVXRR</b>	4.0	3-4	EX	HR	HR	R	HR	HR	HR	HR	HR	HR	R	—	R	R
<b>AmeriStand 457TQ RR</b>	4.2	4-5	EX	HR	HR	—	HR	HR	HR	HR	HR	—	R	—	HR	R
<b>AmeriStand 428TQ</b>	4.4	4-5	EX	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	—	R	R

HR = >51% Resistance, R = 31-50% Resistance, MR = 15-30% Resistance, LR = 6-14% Resistance

<sup>1</sup>Includes race 1 and race 2 protection. In addition, Forage Genetics International, LLC (FGI) has identified a novel source of Aphanomyces resistance in the greenhouse and field that visibly outperforms unrelated varieties on the market when grown under natural or artificial disease pressure. FGI researchers have been working cooperatively with universities collecting and testing the most virulent strains of Aphanomyces to help determine the level of resistance to this novel source.

<sup>2</sup>Includes race 1 protection, along with Anthracnose Race 5 protection, which is patented by FGI.

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# SORGHUM PRODUCTS

PRODUCT	TREATMENT	MATURITY	DAYS TO MID BLOOM	GRAIN COLOR	PLANT HEIGHT	HEAD TYPE	SEEDLING VIGOR	STALKS	ROOTS	DROUGHT	TEST WEIGHT	HEAD EXERTION	CHARCOAL ROT	DOWNY MILDEW	HEAD SMUT	SUGARCANE APHID	AVERAGE RAINFALL			
																	20" OR LESS	20"-30"	30" OR MORE	IRRIGATED
GRAIN SORGHUM																	PLANTING RECS (SEEDS/ACRE)			
<b>60G02</b>	Premium/Elite	E	60	B	M	SO	G	VG	VG	E	VG	VG	VG	G	VG	E	20,000-30,000	30,000-45,000	45,000-70,000	80,000-100,000
<b>63G42</b>	Elite	M	63	B	M	SO	E	E	E	E	G	VG	G	VG	E	20,000-30,000	30,000-45,000	45,000-70,000	80,000-100,000	
<b>65G23 IG</b>	Elite	M	65	R	MT	SO	G	VG	VG	VG	E	E	VG	G	VG	G	20,000-30,000	30,000-45,000	45,000-70,000	80,000-100,000

PRODUCT	TREATMENT	MATURITY	DAYS TO SOFT DOUGH	GROWTH HABITAT	MIDRIB TYPE	SEEDLING VIGOR	STANDABILITY	PLANT UNIFORMITY	DROUGHT	PALATABILITY	DIGESTIBILITY	RECOVERY AFTER CUTTING	HAY	SILAGE	GRAZING	DOWNY MILDEW	AVERAGE RAINFALL			
																	20" OR LESS	20"-30"	30" OR MORE	IRRIGATED
FORAGE SORGHUM																	PLANTING RECS (LBS/ACRE)			
<b>10FS15</b>	Base	M	110	BD	BMR-6	VG	E	E	E	E	VG	VG	E	N/A	VG	4-6	6-8	8+	8-12	
<b>15FS20</b>	Premium	Full	120	BD	BMR-6	E	E	E	VG	E	VG	VG	E	VG	VG	4-6	6-8	8+	8-12	

PRODUCT	TREATMENT	MATURITY	SEEDLING VIGOR	STANDABILITY	MIDRIB TYPE	PALATABILITY	DIGESTIBILITY	DROUGHT	RECOVERY AFTER CUTTING	FORAGE YIELD POTENTIAL	SILAGE	DRY HAY	CONTINUOUS GRAZING	ROTATIONAL GRAZING	DOWNY MILDEW	ANTHRACNOSE	AVERAGE RAINFALL			
																	20" OR LESS	20"-30"	30" OR MORE	IRRIGATED
SORGHUM-SUDANGRASS																	PLANTING RECS (LBS/ACRE)			
<b>SugarLeaf</b>	Base	ME	VG	E	BMR-6	E	E	G	E	E	VG	E	E	VG	VG	VG	10-15	12-20	20-30+	30+
SUDANGRASS																	PLANTING RECS (LBS/ACRE)			
<b>SuperBale</b>	Base	M	VG	E	BMR-6	E	E	G	E	E	VG	E	G	E	AVG	AVG	10-15	12-20	20-30+	30+

Rating Scale: E = Excellent, VG = Very Good, G = Good, F = Fair, P = Poor  
 Maturity: M = Medium, ME = Medium-Early, E = Early, Grain Color: B = Bronze, Head Type: SO = Semi-Open, Growth Habit: BD = Brachytic Dwarf  
 Treatment: Base = Two Fungicides, Premium = Two Fungicides + Safened, Elite = Two Fungicides + Safened + Insecticide



