



# 2024 Seed Guide





## ProHarvest Seeds 2024 Corn / Soybean Programs

### Early Order Program

Order By:	Corn	Soybeans
October 15 <sup>th</sup> 2023	\$5.00/unit	\$1.00/unit
December 15 2023	\$2.50/unit	\$.50/unit

### Early Payment Discount

Through*	Early Pay Cash	FirstMid Financing Offer	JDF Financing Offer
September 15, 2023	11%	Fixed 0%	1.9%
October 15, 2023	11%	Fixed 0%	1.9%
December 15, 2023	10%	Fixed 0%	1.9%
January 15, 2024	8%	Fixed 0%	1.9%
February 15, 2024	6%	Prime +0.25%	Prime -1%
March 15, 2024	5%	Prime +0.25%	Prime -1%

Corn Volume Discount Schedule		Soybean Volume Discount Schedule	
Bag Order	Discount	Bag Order	Discount
1-49	\$5.00	1-280	\$1.00
50-249	\$15.00	281-1000	\$2.50
250-999	\$25.00	1001-2999	\$3.50
1000+	\$28.00	3000+	\$4.50



Program / Program #	Program Period * Retail Sales Dates	Minimum Purchase	Payment Terms
<i>Fixed 1.9% APR</i>	<i>September 1, 2023 – January 15, 2024</i>	<i>\$2,500</i>	<i>Due in Full December 2024</i>
<i>Prime -1% APR</i>	<i>January 16, 2024 – May 31, 2024</i>	<i>\$2,500</i>	<i>Due in Full December 2024</i>
<b>All Other Seed</b>			
<i>Prime +7.25%</i>	<i>January 1, 2024 – October 31, 2024</i>	<i>\$1,000</i>	<i>Due in Full December 2022</i>



Program	Program Period * Retail Sales Dates	Minimum Purchase	Payment Terms
<i>Fixed 0% APR</i>	<i>September 1, 2023 – January 15, 2024</i>	<i>\$1,000</i>	<i>Due in Full December 2024</i>
<b>All Other Seed</b>			
<i>Prime +0.25% APR</i>	<i>January 16, 2023 – May 31, 2024</i>	<i>\$1,000</i>	<i>Due in Full December 2024</i>

# PRO HARVEST

SEEDS®





# 79P49

**109 DAY**  
Available as: VT2PRIB

**VT Double PRO**  
RIB COMPLETE

**PRO HARVEST**  
SEEDS

## PLACEMENT/MANAGEMENT

- Strong and consistent yields with a punch!
- Goes on a wide range of acres
- Excellent stalks and low Green Snap risk
- Moves South very well

### GENERAL CHARACTERISTICS

GDD Pollination	1330
GDD Black Layer	2750
Pollination for maturity	Average
Plant Height	Medium-Tall
Leaf Type	Semi-Upright
Ear Height	Medium
Ear Type	Semi-Flex
Kernel Rows	14-16
Cob Color	Red
Test Weight	Very Good
Husk Coverage	Good
Covercrop Companion	Good

### AGRONOMIC FEATURES

Emergence	Good
Seedling Vigor	Good
Stay Green	Good
Dry Down	Very Good
Delayed Harvest	Good
Response to Fungicide	Very Good
Corn after Corn	Very Good
Silage	Excellent
Stress Tolerance	Good

### SOIL PLACEMENT

- 9** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
- HR** **Medium Soils:** O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
- HR** **Heavy Soils:** High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
- 8** **Poorly Drained Soils:** Soils that tend to remain saturated for extended periods of time.

### AREA OF ADAPTATION

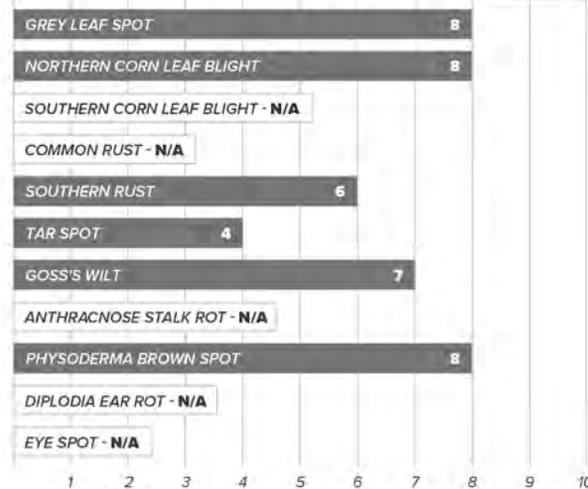
- HR** **Western:** West of Mississippi River
- HR** **Central:** I-35 to I-65
- HR** **Eastern:** East of Mississippi River
- HR** Moves South well for an early season hybrid
- HR** Moves North well for a full season hybrid

### NITROGEN APPLICATION

Rotation - Timing	100% Preplant	Pre/ Sidedress	Starter/ Sidedress
Corn/Soybean	<b>8</b>	<b>HR</b>	<b>HR</b>
Corn/Corn	<b>NR</b>	<b>HR</b>	<b>HR</b>
Corn/Cover	<b>NR</b>	<b>HR</b>	<b>HR</b>



### DISEASE RATINGS



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# 79P87

**109 DAY**  
Available as: SSRIB

**SmartStax**  
RIB COMPLETE

**PROHARVEST**  
SEEDS

## PLACEMENT/MANAGEMENT

- Brings high-yield levels into the 109 RM!
- Best suited for Central and East of I-35 in Iowa
- Best positioned in the high yield environment
- Fungicide use can add more yield

### GENERAL CHARACTERISTICS

GDD Pollination	1385
GDD Black Layer	2728
Pollination for maturity	Late
Plant Height	Medium
Leaf Type	Semi-Upright
Ear Height	Medium-High
Ear Type	Semi-Determinate
Kernel Rows	16-18
Cob Color	Red
Test Weight	Average
Husk Coverage	Good
Covercrop Companion	Very Good

### AGRONOMIC FEATURES

Emergence	Very Good
Seedling Vigor	Very Good
Stay Green	Average
Dry Down	Very Good
Delayed Harvest	Average
Response to Fungicide	Excellent
Corn after Corn	Good
Silage	Good
Stress Tolerance	Good

### SOIL PLACEMENT

- R** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
- HR** **Medium Soils:** O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
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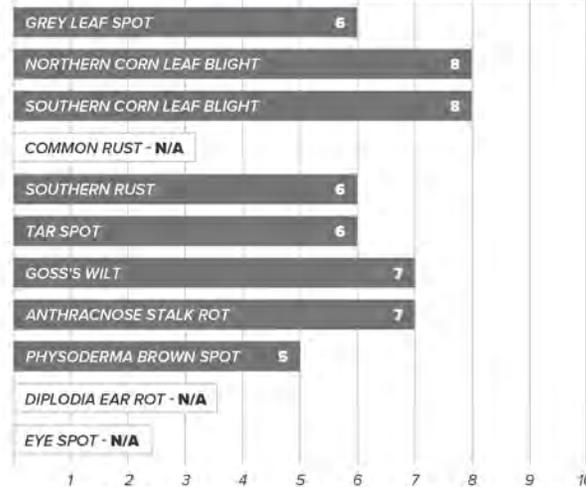
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### NITROGEN APPLICATION

Rotation - Timing	100% Preplant	Pre/ Sidedress	Starter/ Sidedress
Corn/Soybean	<b>R</b>	<b>HR</b>	<b>HR</b>
Corn/Corn	<b>NR</b>	<b>HR</b>	<b>HR</b>
Corn/Cover	<b>NR</b>	<b>HR</b>	<b>HR</b>



### DISEASE RATINGS



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## PLACEMENT/MANAGEMENT

- Brings genetic diversity to our lineup
- Strong yields across environments
- Very nice disease package
- Goes across the Midwest and stays intact

### GENERAL CHARACTERISTICS

GDD Pollination	1300
GDD Black Layer	2730
Pollination for maturity	Average
Plant Height	Medium-Tall
Leaf Type	Horizontal
Ear Height	Medium-High
Ear Type	Semi-Flex
Kernel Rows	16-18
Cob Color	Pink
Test Weight	Excellent
Husk Coverage	Very Good
Covercrop Companion	Fair

### AGRONOMIC FEATURES

Emergence	Very Good
Seedling Vigor	Very Good
Stay Green	Very Good
Dry Down	Very Good
Delayed Harvest	Very Good
Response to Fungicide	Very Good
Corn after Corn	Very Good
Silage	Very Good
Stress Tolerance	Good

### SOIL PLACEMENT

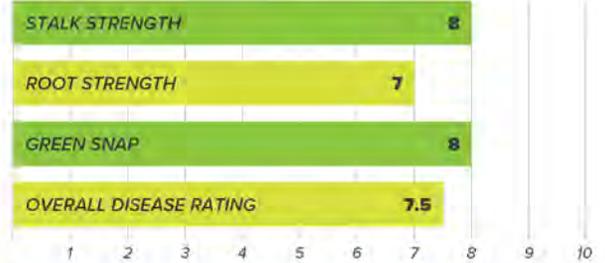
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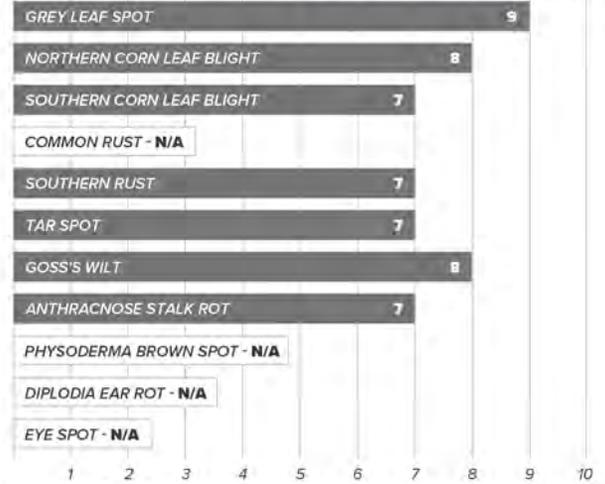
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### NITROGEN APPLICATION

Rotation - Timing	100% Preplant	Pre/ Sidedress	Starter/ Sidedress
Corn/Soybean	<b>9</b>	<b>HR</b>	<b>HR</b>
Corn/Corn	<b>NR</b>	<b>HR</b>	<b>HR</b>
Corn/Cover	<b>NR</b>	<b>HR</b>	<b>HR</b>



### DISEASE RATINGS



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### PLACEMENT/MANAGEMENT

- A hybrid to push for high yields!
- Best performance found on highly-productive acres
- Use a fungicide to help maximize yield potential
- Trecepta® version has better Goss's Wilt and Green Snap ratings

#### GENERAL CHARACTERISTICS

GDD Pollination	1389
GDD Black Layer	2740
Pollination for maturity	Late
Plant Height	Medium
Leaf Type	Semi-Upright
Ear Height	Medium-High
Ear Type	Semi-Determinate
Kernel Rows	16-18
Cob Color	Red
Test Weight	Good
Husk Coverage	Good
Covercrop Companion	Very Good

#### AGRONOMIC FEATURES

Emergence	Very Good
Seedling Vigor	Very Good
Stay Green	Good
Dry Down	Good
Delayed Harvest	Good
Response to Fungicide	Excellent
Corn after Corn	Good
Silage	Good
Stress Tolerance	Good

#### SOIL PLACEMENT

- R** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
- HR** **Medium Soils:** O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
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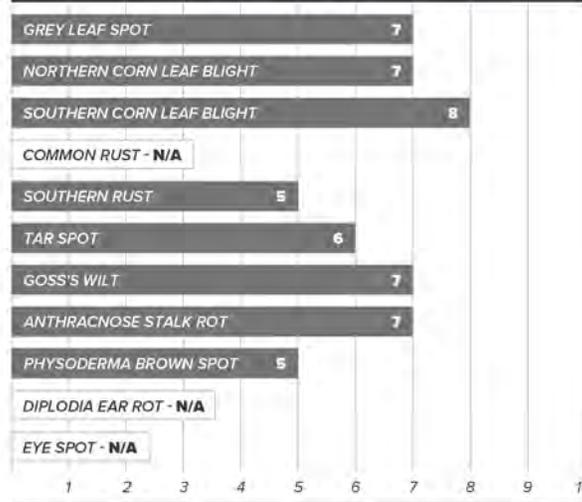
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#### NITROGEN APPLICATION

Rotation - Timing	100% Preplant	Pre/ Sidedress	Starter/ Sidedress
Corn/Soybean	<b>R</b>	<b>HR</b>	<b>HR</b>
Corn/Corn	<b>NR</b>	<b>HR</b>	<b>HR</b>
Corn/Cover	<b>NR</b>	<b>HR</b>	<b>HR</b>



#### DISEASE RATINGS



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## PLACEMENT/MANAGEMENT

- A very versatile hybrid that takes stress
- Nice yield level for a lot of acres
- Strong tolerance to Southern Rust
- Stays intact into the fall with very good test weight

### GENERAL CHARACTERISTICS

GDD Pollination	1382
GDD Black Layer	2722
Pollination for maturity	Late
Plant Height	Medium-Tall
Leaf Type	Semi-Upright
Ear Height	Medium
Ear Type	Semi-Flex
Kernel Rows	14-16
Cob Color	Red
Test Weight	Very Good
Husk Coverage	Very Good
Covercrop Companion	Good

### AGRONOMIC FEATURES

Emergence	Good
Seedling Vigor	Good
Stay Green	Good
Dry Down	Good
Delayed Harvest	Very Good
Response to Fungicide	Excellent
Corn after Corn	Good
Silage	Very Good
Stress Tolerance	Good

### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
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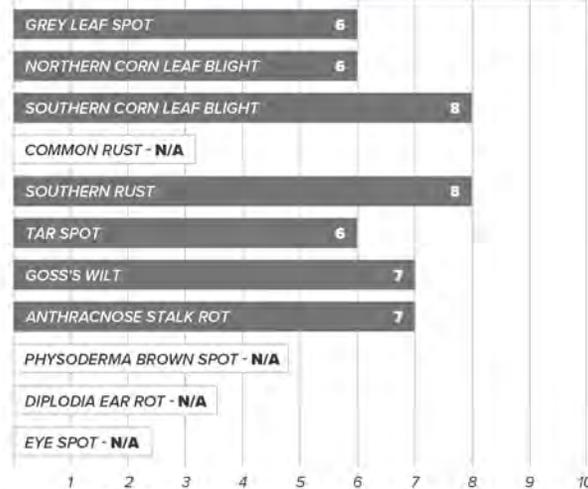
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Rotation - Timing	100% Preplant	Pre/ Sidedress	Starter/ Sidedress
Corn/Soybean	<b>R</b>	<b>HR</b>	<b>HR</b>
Corn/Corn	<b>NR</b>	<b>HR</b>	<b>HR</b>
Corn/Cover	<b>NR</b>	<b>HR</b>	<b>HR</b>



### DISEASE RATINGS



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### PLACEMENT/MANAGEMENT

- A yield leader at the 113 RM
- Girthy ears with deep, "flexy" kernels
- Push into higher-yield environments
- Very nice disease package

#### GENERAL CHARACTERISTICS

GDD Pollination	1300
GDD Black Layer	2825
Pollination for maturity	Very Early
Plant Height	Medium-Tall
Leaf Type	Semi-Upright
Ear Height	Medium-High
Ear Type	Semi-Flex
Kernel Rows	18-20
Cob Color	Red
Test Weight	Good
Husk Coverage	Very Good
Covercrop Companion	Good

#### AGRONOMIC FEATURES

Emergence	Very Good
Seedling Vigor	Very Good
Stay Green	Very Good
Dry Down	Good
Delayed Harvest	Excellent
Response to Fungicide	Very Good
Corn after Corn	Very Good
Silage	Excellent
Stress Tolerance	Very Good

#### SOIL PLACEMENT

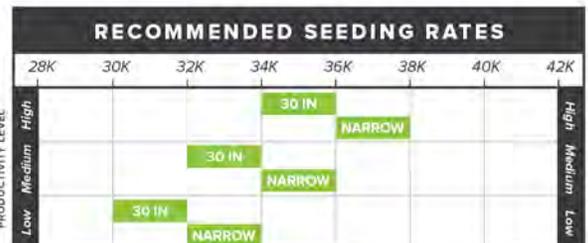
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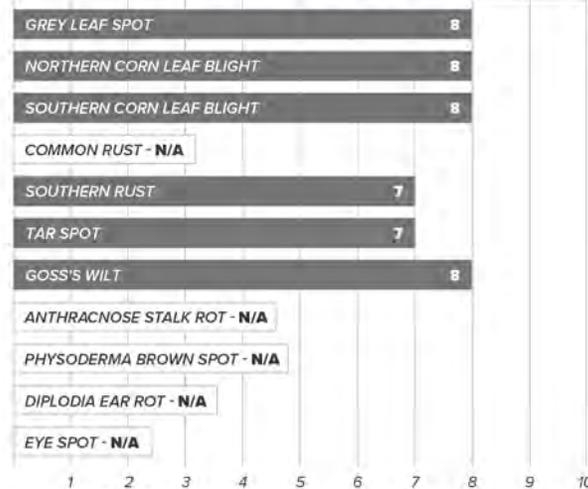
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#### NITROGEN APPLICATION

Rotation - Timing	100% Preplant	Pre/ Sidedress	Starter/ Sidedress
Corn/Soybean	<b>9</b>	<b>HR</b>	<b>HR</b>
Corn/Corn	<b>NR</b>	<b>HR</b>	<b>HR</b>
Corn/Cover	<b>NR</b>	<b>HR</b>	<b>HR</b>



#### DISEASE RATINGS



NOTES

## PLACEMENT/MANAGEMENT

- Exciting waxy corn genetics!
- Strong performance over a wide geography
- Nice looking corn with good test weight
- Offers very good yield performance

### GENERAL CHARACTERISTICS

GDD Pollination	1438
GDD Black Layer	2833
Pollination for maturity	Late
Plant Height	Medium-Tall
Leaf Type	Semi-Upright
Ear Height	Medium
Ear Type	Semi-Determinate
Kernel Rows	16-18
Cob Color	Red
Test Weight	Very Good
Husk Coverage	Short
Covercrop Companion	Good

### AGRONOMIC FEATURES

Emergence	Very Good
Seedling Vigor	Very Good
Stay Green	Good
Dry Down	Good
Delayed Harvest	Very Good
Response to Fungicide	Good
Corn after Corn	Very Good
Silage	Good
Stress Tolerance	Average

### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
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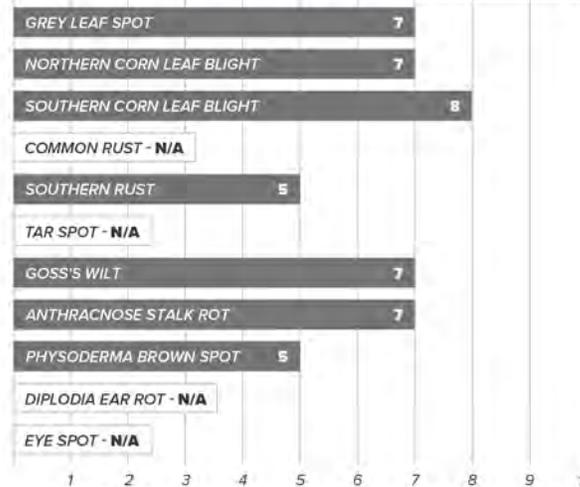
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### NITROGEN APPLICATION

Rotation - Timing	100% Preplant	Pre/ Sidedress	Starter/ Sidedress
Corn/Soybean	<b>R</b>	<b>HR</b>	<b>HR</b>
Corn/Corn	<b>NR</b>	<b>HR</b>	<b>HR</b>
Corn/Cover	<b>NR</b>	<b>HR</b>	<b>HR</b>



### DISEASE RATINGS



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## PLACEMENT/MANAGEMENT

- A powerful SmartStax® RIB Complete® option for Central and East
- Strong disease package for corn-on-corn acres
- Nice test weight, deep kernels with consistent ears
- Watch Green Snap as you pull it west into Nebraska

### GENERAL CHARACTERISTICS

GDD Pollination	1340
GDD Black Layer	2840
Pollination for maturity	Average
Plant Height	Medium
Leaf Type	Semi-Upright
Ear Height	Medium
Ear Type	Semi-Flex
Kernel Rows	14-18
Cob Color	Red
Test Weight	Excellent
Husk Coverage	Very Good
Covercrop Companion	Very Good

### AGRONOMIC FEATURES

Emergence	Very Good
Seedling Vigor	Very Good
Stay Green	Very Good
Dry Down	Very Good
Delayed Harvest	Excellent
Response to Fungicide	Very Good
Corn after Corn	Excellent
Silage	Good
Stress Tolerance	Very Good

### SOIL PLACEMENT

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### NITROGEN APPLICATION

Rotation - Timing	100% Preplant	Pre/ Sidedress	Starter/ Sidedress
Corn/Soybean	<b>R</b>	<b>HR</b>	<b>HR</b>
Corn/Corn	<b>NR</b>	<b>HR</b>	<b>HR</b>
Corn/Cover	<b>NR</b>	<b>HR</b>	<b>HR</b>



### DISEASE RATINGS

GREY LEAF SPOT	8
NORTHERN CORN LEAF BLIGHT	8
SOUTHERN CORN LEAF BLIGHT	8
COMMON RUST - N/A	
SOUTHERN RUST	8
TAR SPOT	7
GOSS'S WILT	7
ANTHRACNOSE STALK ROT	7
PHYSODERMA BROWN SPOT - N/A	
DIPLODIA EAR ROT - N/A	
EYE SPOT - N/A	

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## PLACEMENT/MANAGEMENT

- A robust hybrid with big yield potential
- Very good stalks and roots for late season standability
- Suited to handle many different soil types
- DroughtGard® Hybrids with VT Double PRO® RIB Complete® version runs slightly earlier maturity

### GENERAL CHARACTERISTICS

GDD Pollination	1370
GDD Black Layer	2730
Pollination for maturity	Average
Plant Height	Medium-Tall
Leaf Type	Semi-Upright
Ear Height	Med-High
Ear Type	Semi-Flex
Kernel Rows	16-18
Cob Color	Red
Test Weight	Good
Husk Coverage	Very Good
Covercrop Companion	Good

### AGRONOMIC FEATURES

Emergence	Very Good
Seedling Vigor	Very Good
Stay Green	Good
Dry Down	Very Good
Delayed Harvest	Very Good
Response to Fungicide	Very Good
Corn after Corn	Good
Silage	Very Good
Stress Tolerance	Good

### SOIL PLACEMENT

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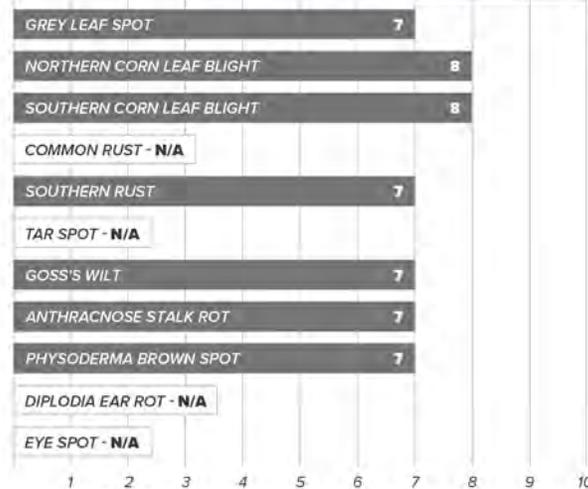
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Corn/Soybean	<b>R</b>	<b>HR</b>	<b>HR</b>
Corn/Corn	<b>NR</b>	<b>HR</b>	<b>HR</b>
Corn/Cover	<b>NR</b>	<b>HR</b>	<b>HR</b>



### DISEASE RATINGS



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# 85P55

**115 DAY**  
Available as: PCE, CONV



## Conventional

### PLACEMENT/MANAGEMENT

- A unique, new genetic family for our lineup
- Performs well from East to West
- A showy plant with a flex ear
- Covers many soils and populations

#### GENERAL CHARACTERISTICS

GDD Pollination	1345
GDD Black Layer	2718
Pollination for maturity	Average
Plant Height	Medium-Tall
Leaf Type	Semi-Upright
Ear Height	Medium-High
Ear Type	Flex
Kernel Rows	16-20
Cob Color	Pink
Test Weight	Very Good
Husk Coverage	Very Good
Covercrop Companion	Good

#### AGRONOMIC FEATURES

Emergence	Very Good
Seedling Vigor	Good
Stay Green	Excellent
Dry Down	Very Good
Delayed Harvest	Good
Response to Fungicide	Very Good
Corn after Corn	Very Good
Silage	Very Good
Stress Tolerance	Very Good

#### SOIL PLACEMENT

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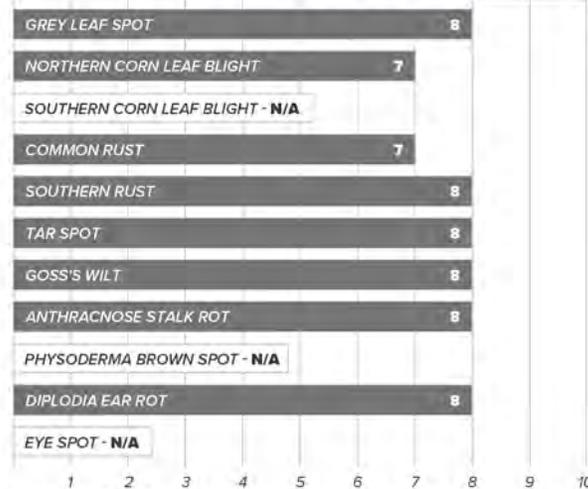
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#### NITROGEN APPLICATION

Rotation - Timing	100% Preplant	Pre/ Sidedress	Starter/ Sidedress
Corn/Soybean	<b>R</b>	<b>HR</b>	<b>HR</b>
Corn/Corn	<b>NR</b>	<b>HR</b>	<b>HR</b>
Corn/Cover	<b>NR</b>	<b>HR</b>	<b>HR</b>



#### DISEASE RATINGS



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# 85P67

**115 DAY**  
Available as: PCE, CONV



## Conventional

### PLACEMENT/MANAGEMENT

- A unique, new genetic family for our lineup
- Top-end yields across the Corn Belt
- Flexy ears with lots of kernel depth
- Goes across lots of acres and populations

#### GENERAL CHARACTERISTICS

GDD Pollination	1350
GDD Black Layer	2850
Pollination for maturity	Average
Plant Height	Medium-Tall
Leaf Type	Semi-Upright
Ear Height	Medium
Ear Type	Flex
Kernel Rows	16-18
Cob Color	Red
Test Weight	Very Good
Husk Coverage	Very Good
Covercrop Companion	Good

#### AGRONOMIC FEATURES

Emergence	Very Good
Seedling Vigor	Very Good
Stay Green	Very Good
Dry Down	Good
Delayed Harvest	Very Good
Response to Fungicide	Very Good
Corn after Corn	Good
Silage	Very Good
Stress Tolerance	Good

#### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
- HR** **Medium Soils:** O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
- HR** **Heavy Soils:** High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
- R** **Poorly Drained Soils:** Soils that tend to remain saturated for extended periods of time.

#### AREA OF ADAPTATION

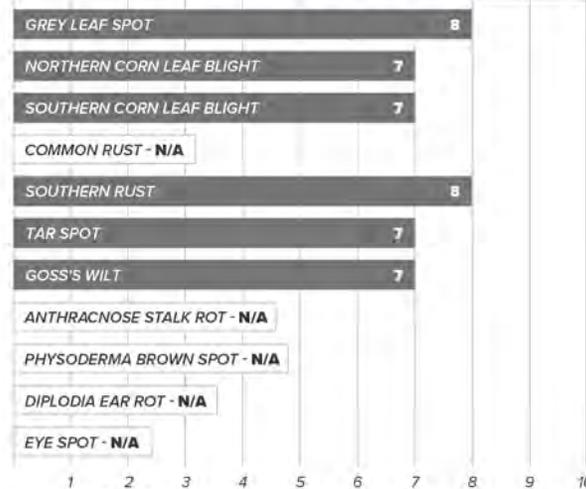
- HR** **Western:** West of Mississippi River
- HR** **Central:** I-35 to I-65
- HR** **Eastern:** East of Mississippi River
- HR** Moves South well for an early season hybrid
- HR** Moves North well for a full season hybrid

#### NITROGEN APPLICATION

Rotation - Timing	100% Preplant	Pre/ Sidedress	Starter/ Sidedress
Corn/Soybean	R	HR	HR
Corn/Corn	NR	HR	HR
Corn/Cover	NR	HR	HR



#### DISEASE RATINGS



NOTES

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## PLACEMENT/MANAGEMENT

- Full season genetics with top-end yields
- Heavy test weight with 18-20 kernel rows
- Moves North well for a 116 day hybrid
- Great disease package with above-average wet feet

### GENERAL CHARACTERISTICS

GDD Pollination	1390
GDD Black Layer	2870
Pollination for maturity	Average
Plant Height	Medium-Tall
Leaf Type	Semi-Upright
Ear Height	Medium-High
Ear Type	Semi-Flex
Kernel Rows	18-20
Cob Color	Red
Test Weight	Excellent
Husk Coverage	Very Good
Covercrop Companion	Good

### AGRONOMIC FEATURES

Emergence	Good
Seedling Vigor	Good
Stay Green	Very Good
Dry Down	Good
Delayed Harvest	Very Good
Response to Fungicide	Very Good
Corn after Corn	Excellent
Silage	Very Good
Stress Tolerance	Very Good

### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
- HR** **Medium Soils:** O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
- HR** **Heavy Soils:** High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
- R** **Poorly Drained Soils:** Soils that tend to remain saturated for extended periods of time.

### AREA OF ADAPTATION

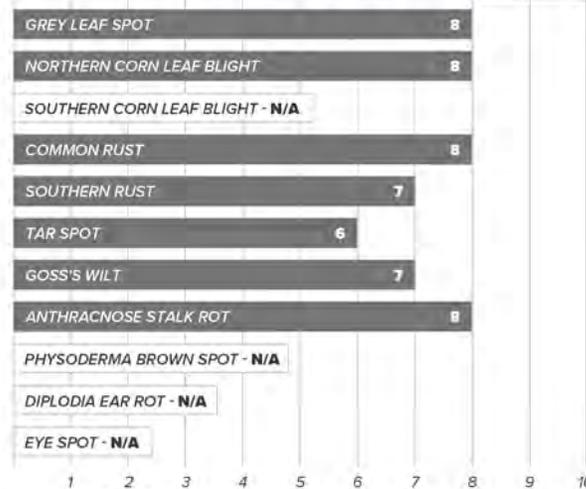
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- HR** **Eastern:** East of Mississippi River
- HR** Moves South well for an early season hybrid
- HR** Moves North well for a full season hybrid

### NITROGEN APPLICATION

Rotation - Timing	100% Preplant	Pre/ Sidedress	Starter/ Sidedress
Corn/Soybean	<b>R</b>	<b>HR</b>	<b>HR</b>
Corn/Corn	<b>NR</b>	<b>HR</b>	<b>HR</b>
Corn/Cover	<b>NR</b>	<b>HR</b>	<b>HR</b>



### DISEASE RATINGS



NOTES

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# SEED CORN

**WYFFELS HYBRIDS INC.**

GENESEO, ILLINOIS 61254

WYFFELS.COM • 800-369-7833

A U.S. farm family-owned company.

 **WYFFELS  
HYBRIDS** | **REFUGE IN BAG**



# PRODUCT DESCRIPTION

800-369-7833 • wyffels.com

WYFFELS HYBRIDS | REFUGE IN BAG | VT Double PRO

111 RM

NEW

# W6886RIB

- A tough hybrid that brings high yields across environments
- Maintains late-season health for a later harvest, outstanding roots and stalks
- Very high test weight grain



## CONTINUOUS CORN MANAGEMENT

- If corn rootworm management is needed, consider using a proven soil insecticide or choose a SmartStax® or SmartStax® PRO hybrid.
- Manage residue to minimize Goss' wilt risk.
- Monitor for foliar diseases and apply fungicide as needed.

## PLACEMENT / MANAGEMENT

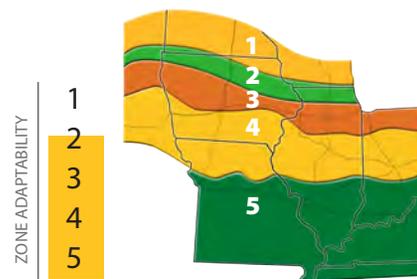
An excellent choice across soil types, including poorly-drained soils. Wide geographic adaptability. Semi-flex ear adapts to a broad range of planting rates. A good choice for later harvest.

## SOIL ADAPTABILITY

RATING	SOIL CATEGORY
E	<b>LIGHT SOILS</b> – LOW CEC (<10); OM <1.5%; low water-holding capacity; non-irrigated sand; timber soils; marginal productivity; drought prone.
E	<b>MEDIUM SOILS</b> – CEC 11–18; OM 1.5–3.5%; well-drained; silt loam; high productivity.
E	<b>DARK SOILS</b> – HIGH CEC (>18); OM >3.5%; well-drained; dark colored soils.
E	<b>POORLY-DRAINED</b> – Soils that have the potential to remain saturated for prolonged periods; side hill seeps; gumbo; muck.

E = excellent, VG = very good, G = good, F = fair, NR = not recommended.

## GEOGRAPHIC ZONE ADAPTABILITY



## RECOMMENDED PLANTING RATE

PRODUCTIVITY LEVEL		
HIGH	MODERATE	LOW
36-40,000	34-38,000	32-36,000

## PLANT PHYSIOLOGY AND HEALTH

GDU'S TO POLLINATION	1370, A
DAYS TO POLLINATION	75
GDU'S TO BLACK LAYER	2670, E
EARLY VIGOR	8
PLANT HEIGHT	M
STALK STRENGTH	9
ROOT STRENGTH	8
GREEN SNAP RESISTANCE	6
DROUGHT TOLERANCE	8
STAYGREEN	8

## EAR/GRAIN CHARACTERISTICS

EAR FLEX	SF
EAR LENGTH	8
EAR HEIGHT	M
KERNEL ROWS	14-16
TEST WEIGHT	9
DRYDOWN	7

## PEST/DISEASE RATINGS

GOSS' WILT TOLERANCE	7
GRAY LEAF SPOT TOLERANCE	8
NLB TOLERANCE	7
ANTHRACNOSE TOLERANCE	8

LEGEND: E = early for maturity, A = average for maturity, L = late for maturity; M = medium, MS = medium short, MT = medium tall, T = tall; H = high, MH = medium high, ML = medium low; F = flex, SF = semi-flex, D = determinate, SD = semi-determinate. Numerical ratings are based on comparisons among Wyffels hybrids of like maturity where 1 = Low, 5 = Avg, and 9 = High expressions of a trait.





# PRODUCT DESCRIPTION

800-369-7833 • wyffels.com

WYFFELS HYBRIDS | REFUGE IN BAG SmartStax

111 RM **NEW**

## W7048RIB

- Widely-adapted hybrid with very high yield potential, attractive ears with large kernels
- Works on poorly-drained soils and maintains performance in drought conditions
- Very low green snap risk.



### CONTINUOUS CORN MANAGEMENT

- A fungicide application is recommended to manage gray leaf spot and other foliar diseases.
- Use on fields with low history of Goss' wilt.

### PLACEMENT / MANAGEMENT

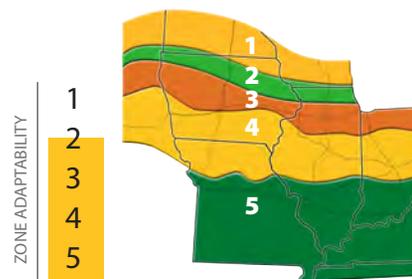
Performs well across soil types. An excellent choice for poorly-drained soils. Semi-flex ear adapts to a wide range of planting rates. Robust plant that moves south of zone well. Best where Goss' wilt has not been present.

### SOIL ADAPTABILITY

RATING	SOIL CATEGORY
E	<b>LIGHT SOILS</b> – LOW CEC (<10); OM <1.5%; low water-holding capacity; non-irrigated sand; timber soils; marginal productivity; drought prone.
E	<b>MEDIUM SOILS</b> – CEC 11–18; OM 1.5–3.5%; well-drained; silt loam; high productivity.
E	<b>DARK SOILS</b> – HIGH CEC (>18); OM >3.5%; well-drained; dark colored soils.
E	<b>POORLY-DRAINED</b> – Soils that have the potential to remain saturated for prolonged periods; side hill seeps; gumbo; muck.

E = excellent, VG = very good, G = good, F = fair, NR = not recommended.

### GEOGRAPHIC ZONE ADAPTABILITY



LEGEND: E = early for maturity, A = average for maturity, L = late for maturity; M = medium, MS = medium short, MT = medium tall, T = tall; H = high, MH = medium high, ML = medium low; F = flex, SF = semi-flex, D = determinate, SD = semi-determinate. Numerical ratings are based on comparisons among Wyffels hybrids of like maturity where 1 = Low, 5 = Avg, and 9 = High expressions of a trait.

### RECOMMENDED PLANTING RATE

PRODUCTIVITY LEVEL		
HIGH	MODERATE	LOW
36-38,000	34-38,000	32-36,000

### PLANT PHYSIOLOGY AND HEALTH

GDU'S TO POLLINATION	1390, L
DAYS TO POLLINATION	76
GDU'S TO BLACK LAYER	2730, A
EARLY VIGOR	8
PLANT HEIGHT	MT
STALK STRENGTH	8
ROOT STRENGTH	7
GREEN SNAP RESISTANCE	8
DROUGHT TOLERANCE	9
STAYGREEN	6

### EAR/GRAIN CHARACTERISTICS

EAR FLEX	SF
EAR LENGTH	8
EAR HEIGHT	MH
KERNEL ROWS	14-16
TEST WEIGHT	7
DRYDOWN	7

### PEST/DISEASE RATINGS

GOSS' WILT TOLERANCE	6
GRAY LEAF SPOT TOLERANCE	7
NLB TOLERANCE	8
ANTHRACNOSE TOLERANCE	9





# PRODUCT DESCRIPTION

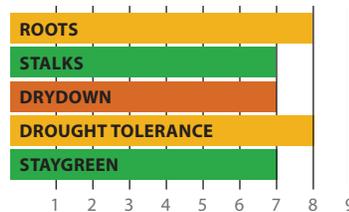
800-369-7833 • wyffels.com

WYFFELS HYBRIDS | REFUGE IN BAG | SmartStax

112 RM

## W7208RIB

- Impressive top-end yield potential, which is maximized on well-drained soils
- Impressive early vigor
- High Goss' wilt tolerance
- High test weight, deep-kerneled grain



### CONTINUOUS CORN MANAGEMENT

- Monitor for gray leaf spot and other foliar diseases and consider a fungicide application as warranted and to maximize performance.
- Good option for fields with history of Goss' wilt.

### PLACEMENT / MANAGEMENT

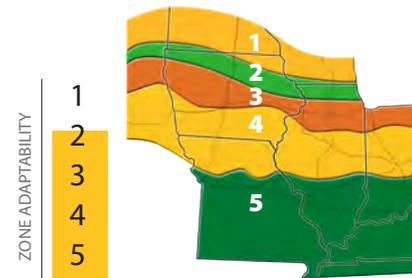
Place on well-drained soils to maximize yield potential. Utilize higher management practices for best performance. Some ear flex will occur at lower population rates.

### SOIL ADAPTABILITY

RATING	SOIL CATEGORY
E	<b>LIGHT SOILS</b> – LOW CEC (<10); OM <1.5%; low water-holding capacity; non-irrigated sand; timber soils; marginal productivity; drought prone.
E	<b>MEDIUM SOILS</b> – CEC 11–18; OM 1.5–3.5%; well-drained; silt loam; high productivity.
E	<b>DARK SOILS</b> – HIGH CEC (>18); OM >3.5%; well-drained; dark colored soils.
VG	<b>POORLY-DRAINED</b> – Soils that have the potential to remain saturated for prolonged periods; side hill seeps; gumbo; muck.

E = excellent, VG = very good, G = good, F = fair, NR = not recommended.

### GEOGRAPHIC ZONE ADAPTABILITY



LEGEND: E = early for maturity, A = average for maturity, L = late for maturity; M = medium, MS = medium short, MT = medium tall, T = tall; H = high, MH = medium high, ML = medium low; F = flex, SF = semi-flex, D = determinate, SD = semi-determinate. Numerical ratings are based on comparisons among Wyffels hybrids of like maturity where 1 = Low, 5 = Avg, and 9 = High expressions of a trait.

### RECOMMENDED PLANTING RATE

PRODUCTIVITY LEVEL		
HIGH	MODERATE	LOW
36-40,000	34-38,000	32-36,000

### PLANT PHYSIOLOGY AND HEALTH

GDU'S TO POLLINATION	1360, A
DAYS TO POLLINATION	75
GDU'S TO BLACK LAYER	2690, E
EARLY VIGOR	9
PLANT HEIGHT	MS
STALK STRENGTH	7
ROOT STRENGTH	8
GREEN SNAP RESISTANCE	7
DROUGHT TOLERANCE	8
STAYGREEN	7

### EAR/GRAIN CHARACTERISTICS

EAR FLEX	SF
EAR LENGTH	7
EAR HEIGHT	M
KERNEL ROWS	16-18
TEST WEIGHT	9
DRYDOWN	7

### PEST/DISEASE RATINGS

GOSS' WILT TOLERANCE	8
GRAY LEAF SPOT TOLERANCE	7
NLB TOLERANCE	7
ANTHRACNOSE TOLERANCE	7





# PRODUCT DESCRIPTION

800-369-7833 • wyffels.com

WYFFELS HYBRIDS | REFUGE IN BAG | Trecepta®

114 RM

## W7945 RIB

- A rugged hybrid with impressive yield potential across variable soils
- Strong disease package through late harvest
- The Trecepta® trait brings enhanced protection against ear-feeding pests



### CONTINUOUS CORN MANAGEMENT

- If corn rootworm management is needed, consider using a proven soil insecticide or choose a SmartStax® hybrid.
- Very good choice for fields with a history of Goss' wilt

### PLACEMENT / MANAGEMENT

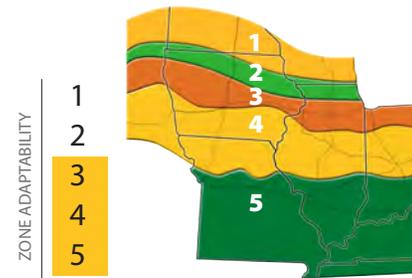
Semi-flex ear excels over a wide range of populations. Maintains yield performance across variable soils, including flat black to rolling timber soils. Excellent choice on fields with history of Goss' wilt. Exceptional health makes it a good late harvest option.

### SOIL ADAPTABILITY

RATING	SOIL CATEGORY
E	<b>LIGHT SOILS</b> – LOW CEC (<10); OM <1.5%; low water-holding capacity; non-irrigated sand; timber soils; marginal productivity; drought prone.
E	<b>MEDIUM SOILS</b> – CEC 11–18; OM 1.5–3.5%; well-drained; silt loam; high productivity.
E	<b>DARK SOILS</b> – HIGH CEC (>18); OM >3.5%; well-drained; dark colored soils.
E	<b>POORLY-DRAINED</b> – Soils that have the potential to remain saturated for prolonged periods; side hill seeps; gumbo; muck.

E = excellent, VG = very good, G = good, F = fair, NR = not recommended.

### GEOGRAPHIC ZONE ADAPTABILITY



LEGEND: E = early for maturity, A = average for maturity, L = late for maturity; M = medium, MS = medium short, MT = medium tall, T = tall; H = high, MH = medium high, ML = medium low; F = flex, SF = semi-flex, D = determinate, SD = semi-determinate. Numerical ratings are based on comparisons among Wyffels hybrids of like maturity where 1 = Low, 5 = Avg, and 9 = High expressions of a trait.

### RECOMMENDED PLANTING RATE

PRODUCTIVITY LEVEL		
HIGH	MODERATE	LOW
36-40,000	34-38,000	32-36,000

### PLANT PHYSIOLOGY AND HEALTH

GDU'S TO POLLINATION	1430, L
DAYS TO POLLINATION	77
GDU'S TO BLACK LAYER	2790, A
EARLY VIGOR	8
PLANT HEIGHT	T
STALK STRENGTH	8
ROOT STRENGTH	8
GREEN SNAP RESISTANCE	7
DROUGHT TOLERANCE	8
STAYGREEN	8

### EAR/GRAIN CHARACTERISTICS

EAR FLEX	F
EAR LENGTH	9
EAR HEIGHT	M
KERNEL ROWS	16-18
TEST WEIGHT	7
DRYDOWN	7

### PEST/DISEASE RATINGS

GOSS' WILT TOLERANCE	8
GRAY LEAF SPOT TOLERANCE	8
NLB TOLERANCE	8
ANTHRACNOSE TOLERANCE	9





# PRODUCT DESCRIPTION

800-369-7833 • Wyffels.com

## PLACEMENT / MANAGEMENT

Maximize the opportunity to reach new yield levels by planting at higher populations. Good north to south movement. Solid choice for continuous corn. Good late harvest option.

## RECOMMENDED PLANTING RATE

PRODUCTIVITY LEVEL		
HIGH	MODERATE	LOW
36-40,000	34-38,00	32-36,000



114 RM

# W7878<sub>RIB</sub>



114 RM

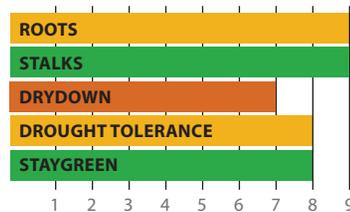
# W7876<sub>RIB</sub>

CONVENTIONAL

113 RM

# W7870

- A standout among top-end yielders—a must-plant genetic family in this maturity
- Stable performance across soil types
- Solid agronomics and late-season intactness provide a long harvest window



## CONTINUOUS CORN MANAGEMENT

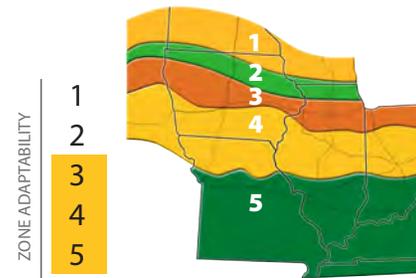
- If history of CRW feeding, consider the SmartStax® traited version in this family.
- Monitor for foliar diseases and consider a fungicide application as warranted. Manage residue to minimize Goss' wilt risk.

## SOIL ADAPTABILITY

RATING	SOIL CATEGORY
E	<b>LIGHT SOILS</b> – LOW CEC (<10); OM <1.5%; low water-holding capacity; non-irrigated sand; timber soils; marginal productivity; drought prone.
E	<b>MEDIUM SOILS</b> – CEC 11–18; OM 1.5–3.5%; well-drained; silt loam; high productivity.
E	<b>DARK SOILS</b> – HIGH CEC (>18); OM >3.5%; well-drained; dark colored soils.
E	<b>POORLY-DRAINED</b> – Soils that have the potential to remain saturated for prolonged periods; side hill seeps; gumbo; muck.

E = excellent, VG = very good, G = good, F = fair, NR = not recommended.

## GEOGRAPHIC ZONE ADAPTABILITY



LEGEND: E = early for maturity, A = average for maturity, L = late for maturity; M = medium, MS = medium short, MT = medium tall, T = tall; H = high, MH = medium high, ML = medium low; F = flex, SF = semi-flex, D = determinate, SD = semi-determinate. Numerical ratings are based on comparisons among Wyffels hybrids of like maturity where 1 = Low, 5 = Avg, and 9 = High expressions of a trait.

## PLANT PHYSIOLOGY AND HEALTH

GDU'S TO POLLINATION	1430, L
DAYS TO POLLINATION	77
GDU'S TO BLACK LAYER	2875, L
EARLY VIGOR	7
PLANT HEIGHT	MT
STALK STRENGTH	9
ROOT STRENGTH	9
GREEN SNAP RESISTANCE	8
DROUGHT TOLERANCE	8
STAYGREEN	8

## EAR/GRAIN CHARACTERISTICS

EAR FLEX	SF
EAR LENGTH	7
EAR HEIGHT	MH
KERNEL ROWS	16-18
TEST WEIGHT	8
DRYDOWN	7

## PEST/DISEASE RATINGS

GOSS' WILT TOLERANCE	6
GRAY LEAF SPOT TOLERANCE	8
NLB TOLERANCE	8
ANTHRACNOSE TOLERANCE	8





# PRODUCT DESCRIPTION

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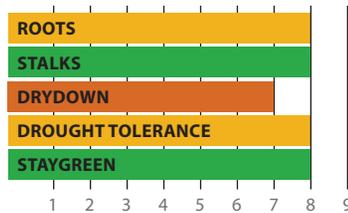
WYFFELS HYBRIDS | REFUGE IN BAG | VT Double PRO

114 RM

NEW

# W8086RIB

- Exciting top-end yield potential on very impressive, full-flex ears
- Excellent late-season stalk strength and staygreen allows for a later harvest
- Very good drought tolerance



## CONTINUOUS CORN MANAGEMENT

- If corn rootworm management is needed, consider using a proven soil insecticide or choose a SmartStax® or SmartStax® PRO hybrid.
- Manage residue to minimize Goss' wilt risk.
- A fungicide application is recommended to manage gray leaf spot and other foliar diseases.

LEGEND: E = early for maturity, A = average for maturity, L = late for maturity; M = medium, MS = medium short, MT = medium tall, T = tall; H = high, MH = medium high, ML = medium low; F = flex, SF = semi-flex, D = determinate, SD = semi-determinate. Numerical ratings are based on comparisons among Wyffels hybrids of like maturity where 1 = Low, 5 = Avg, and 9 = High expressions of a trait.

## PLACEMENT / MANAGEMENT

Large, full flex ears adapt to a broad range of plant populations. Deserves a place on your highly productive acres, but will maintain yield on lower productive acres.

## RECOMMENDED PLANTING RATE

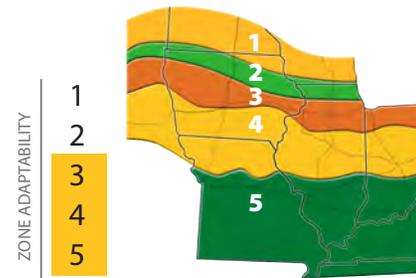
PRODUCTIVITY LEVEL		
HIGH	MODERATE	LOW
36-40,000	34-38,000	30-34,000

## SOIL ADAPTABILITY

RATING	SOIL CATEGORY
E	<b>LIGHT SOILS</b> – LOW CEC (<10); OM <1.5%; low water-holding capacity; non-irrigated sand; timber soils; marginal productivity; drought prone.
E	<b>MEDIUM SOILS</b> – CEC 11–18; OM 1.5–3.5%; well-drained; silt loam; high productivity.
E	<b>DARK SOILS</b> – HIGH CEC (>18); OM >3.5%; well-drained; dark colored soils.
VG	<b>POORLY-DRAINED</b> – Soils that have the potential to remain saturated for prolonged periods; side hill seeps; gumbo; muck.

E = excellent, VG = very good, G = good, F = fair, NR = not recommended.

## GEOGRAPHIC ZONE ADAPTABILITY



## PLANT PHYSIOLOGY AND HEALTH

GDU'S TO POLLINATION	1425, L
DAYS TO POLLINATION	77
GDU'S TO BLACK LAYER	2860, L
EARLY VIGOR	8
PLANT HEIGHT	MT
STALK STRENGTH	8
ROOT STRENGTH	8
GREEN SNAP RESISTANCE	7
DROUGHT TOLERANCE	8
STAYGREEN	8

## EAR/GRAIN CHARACTERISTICS

EAR FLEX	F
EAR LENGTH	9
EAR HEIGHT	M
KERNEL ROWS	18-20
TEST WEIGHT	7
DRYDOWN	7

## PEST/DISEASE RATINGS

GOSS' WILT TOLERANCE	7
GRAY LEAF SPOT TOLERANCE	7
NLB TOLERANCE	8
ANTHRACNOSE TOLERANCE	9





# PRODUCT DESCRIPTION

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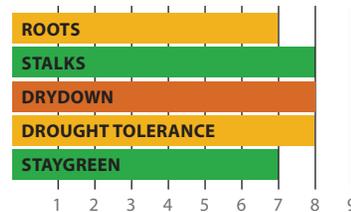
REFUGE IN BAG



115 RM

## W8306<sub>RIB</sub>

- Stable, high-yield performance across productivity levels, even under heat and drought stress
- Good late season health
- Exceptional drought tolerance



### CONTINUOUS CORN MANAGEMENT

- If corn rootworm management is needed, consider using a proven soil insecticide or choose a SmartStax® hybrid.
- Very good choice for fields with a history of Goss' wilt
- A fungicide application is recommended to manage gray leaf spot and other foliar diseases.

**LEGEND:** E = early for maturity, A = average for maturity, L = late for maturity; M = medium, MS = medium short, MT = medium tall, T = tall; H = high, MH = medium high, ML = medium low; F = flex, SF = semi-flex, D = determinate, SD = semi-determinate. Numerical ratings are based on comparisons among Wyffels hybrids of like maturity where 1 = Low, 5 = Avg, and 9 = High expressions of a trait.

### PLACEMENT / MANAGEMENT

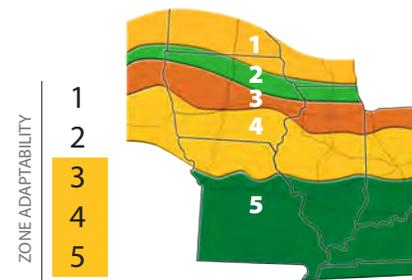
Provides consistent yields across productivity levels. Has good stalk strength and late season integrity, but will benefit from a fungicide application to protect against foliar diseases. Good northern movement for a full-season option in Zone 3.

### SOIL ADAPTABILITY

RATING	SOIL CATEGORY
E	<b>LIGHT SOILS</b> – LOW CEC (<10); OM <1.5%; low water-holding capacity; non-irrigated sand; timber soils; marginal productivity; drought prone.
E	<b>MEDIUM SOILS</b> – CEC 11–18; OM 1.5–3.5%; well-drained; silt loam; high productivity.
E	<b>DARK SOILS</b> – HIGH CEC (>18); OM >3.5%; well-drained; dark colored soils.
VG	<b>POORLY-DRAINED</b> – Soils that have the potential to remain saturated for prolonged periods; side hill seeps; gumbo; muck.

E = excellent, VG = very good, G = good, F = fair, NR = not recommended.

### GEOGRAPHIC ZONE ADAPTABILITY



### RECOMMENDED PLANTING RATE

PRODUCTIVITY LEVEL		
HIGH	MODERATE	LOW
34-38,000	32-36,000	30-34,000

### PLANT PHYSIOLOGY AND HEALTH

GDU'S TO POLLINATION	1340, E
DAYS TO POLLINATION	73
GDU'S TO BLACK LAYER	2710, E
EARLY VIGOR	8
PLANT HEIGHT	M
STALK STRENGTH	8
ROOT STRENGTH	7
GREEN SNAP RESISTANCE	7
DROUGHT TOLERANCE	8
STAYGREEN	7

### EAR/GRAIN CHARACTERISTICS

EAR FLEX	F
EAR LENGTH	9
EAR HEIGHT	M
KERNEL ROWS	16-18
TEST WEIGHT	6
DRYDOWN	8

### PEST/DISEASE RATINGS

GOSS' WILT TOLERANCE	8
GRAY LEAF SPOT TOLERANCE	6
NLB TOLERANCE	6
ANTHRACNOSE TOLERANCE	6





# PRODUCT DESCRIPTION

800-369-7833 • Wyffels.com

WYFFELS HYBRIDS | REFUGE IN BAG | DroughtGard HYBRIDS VTDoublePRO

117 RM

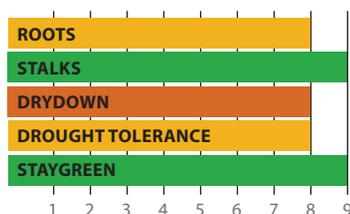
## W8936DGRIB

CONVENTIONAL

116 RM

## W8930

- A robust plant with exciting yields
- Very impressive leaf disease resistance, including Goss' wilt and gray leaf spot
- Excellent standability, low green snap risk
- Very good grain quality and test weight



### CONTINUOUS CORN MANAGEMENT

- If history of CRW feeding, consider using a proven soil insecticide or a SmartStax® hybrid.
- Well suited for continuous corn environments where CRW is not a concern.
- Good foliar health

### PLACEMENT / MANAGEMENT

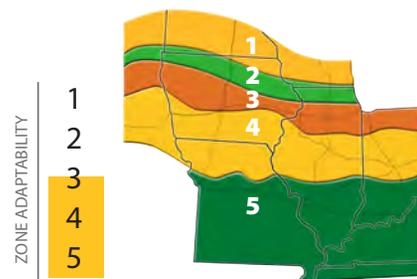
Will stand well and maintain staygreen for a later harvest. Wide adaptability across soil types. DroughtGard® trait adds stability under hot, dry conditions. Keep in recommended zones of adaptability.

### SOIL ADAPTABILITY

RATING	SOIL CATEGORY
E	<b>LIGHT SOILS</b> – LOW CEC (<10); OM <1.5%; low water-holding capacity; non-irrigated sand; timber soils; marginal productivity; drought prone.
E	<b>MEDIUM SOILS</b> – CEC 11–18; OM 1.5–3.5%; well-drained; silt loam; high productivity.
E	<b>DARK SOILS</b> – HIGH CEC (>18); OM >3.5%; well-drained; dark colored soils.
E	<b>POORLY-DRAINED</b> – Soils that have the potential to remain saturated for prolonged periods; side hill seeps; gumbo; muck.

E = excellent, VG = very good, G = good, F = fair, NR = not recommended.

### GEOGRAPHIC ZONE ADAPTABILITY



### TARGETED FINAL STAND

PRODUCTIVITY LEVEL		
HIGH	MODERATE	LOW
36-40,000	34-38,000	32-36,000

### PLANT PHYSIOLOGY AND HEALTH

GDU'S TO POLLINATION	1375, E
DAYS TO POLLINATION	76
GDU'S TO BLACK LAYER	2800, E
EARLY VIGOR	8
PLANT HEIGHT	MT
STALK STRENGTH	9
ROOT STRENGTH	8
GREEN SNAP RESISTANCE	8
DROUGHT TOLERANCE	8
STAYGREEN	9

### EAR/GRAIN CHARACTERISTICS

EAR FLEX	SF
EAR LENGTH	8
EAR HEIGHT	M
KERNEL ROWS	16-18
TEST WEIGHT	9
DRYDOWN	8

### PEST/DISEASE RATINGS

GOSS' WILT TOLERANCE	8
GRAY LEAF SPOT TOLERANCE	9
NLB TOLERANCE	9
ANTHRACNOSE TOLERANCE	8

LEGEND: E = early for maturity, A = average for maturity, L = late for maturity; M = medium, MS = medium short, MT = medium tall, T = tall; H = high, MH = medium high, ML = medium low; F = flex, SF = semi-flex, D = determinate, SD = semi-determinate. Numerical ratings are based on comparisons among Wyffels hybrids of like maturity where 1 = Low, 5 = Avg, and 9 = High expressions of a trait.





**PRO**  **HARVEST**  
**SEEDS**®



## ProHarvest Seeds 2024 Corn / Soybean Programs

### Early Order Program

Order By:	Corn	Soybeans
October 15 <sup>th</sup> 2022	\$10.00/unit	\$2.00/unit
December 15 2022	\$7.00/unit	\$1.00/unit

### Early Payment Discount

Through*	Early Pay Cash	FirstMid Financing Offer	JDF Financing Offer
September 15, 2022	11%	Fixed 0%	1.9%
October 15, 2022	11%	Fixed 0%	1.9%
December 15, 2022	10%	Fixed 0%	1.9%
January 15, 2023	8%	Fixed 0%	1.9%
February 15, 2023	6%	Prime +0.25%	Prime -1%
March 15, 2023	5%	Prime +0.25%	Prime -1%
Corn Volume Discount Schedule		Soybean Volume Discount Schedule	
Bag Order	Discount	Bag Order	Discount
1-49	\$5.00	1-280	\$1.00
50-249	\$15.00	281-1000	\$2.50
250-999	\$25.00	1001-2999	\$3.50
1000+	\$28.00	3000+	\$4.50



Program / Program #	Program Period * Retail Sales Dates	Minimum Purchase	Payment Terms
<i>Fixed 1.9% APR</i>	<i>September 1, 2023 – January 15, 2024</i>	<i>\$2,500</i>	<i>Due in Full December 2024</i>
<i>Prime -1% APR</i>	<i>January 16, 2024 – May 31, 2024</i>	<i>\$2,500</i>	<i>Due in Full December 2024</i>
All Other Seed			
<i>Prime +7.25%</i>	<i>January 1, 2024 – October 31, 2024</i>	<i>\$1,000</i>	<i>Due in Full December 2022</i>



Program	Program Period * Retail Sales Dates	Minimum Purchase	Payment Terms
<i>Fixed 0% APR</i>	<i>September 1, 2023 – January 15, 2024</i>	<i>\$1,000</i>	<i>Due in Full December 2024</i>
All Other Seed			
<i>Prime +0.25% APR</i>	<i>January 16, 2023 – May 31, 2024</i>	<i>\$1,000</i>	<i>Due in Full December 2024</i>



### PLACEMENT/MANAGEMENT

- A line to use across the Midwest!
- Offers a nice bump in yields!
- Maintains height even under stress
- Became a KEY line quickly



GENERAL CHARACTERISTICS	
Plant Height	Medium-Tall
Canopy/Plant type	Medium-Bush
Branching Habit	Branchy
Flower Color	Purple
Hilum Color	Imp. Black
Pod Color	Brown
Pubescence	Gray
Protein	NA
Oil	NA
Covercrop Companion	Good

AGRONOMIC FEATURES	
Yield for Maturity	Excellent
Emergence	Very Good
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	1k

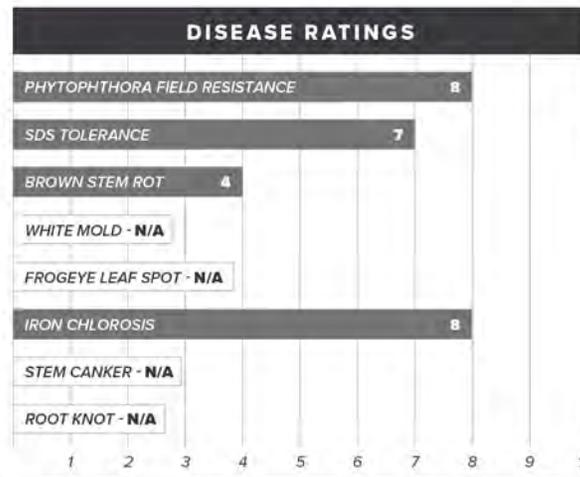
HERBICIDE TOLERANCE			
Conventional	✓	Dicamba	✗
Glyphosate	✓	2,4-D	✓
Glufosinate	✓	Sulfonylurea	✗

SOIL PLACEMENT	
<b>HR</b>	<b>Light Soils:</b> Low O.M., Low CEC, Low water holding capacity.
<b>HR</b>	<b>Medium Soils:</b> O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
<b>HR</b>	<b>Heavy Soils:</b> High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
<b>HR</b>	<b>Poorly Drained Soils:</b> Soils that tend to remain saturated for extended periods of time.

AREA OF ADAPTATION	
<b>HR</b>	<b>Western:</b> West of Mississippi River
<b>HR</b>	<b>Central:</b> I-35 to I-65
<b>HR</b>	<b>Eastern:</b> East of Mississippi River
<b>HR</b>	Moves South well for an early season hybrid
<b>HR</b>	Moves North well for a full season hybrid

RECOMMENDED SEEDING RATES			
Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



NOTES

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### PLACEMENT/MANAGEMENT

- An exciting Peking SCN option for heavy cyst acres!
- A big player for the Midwest, especially the East
- Takes stress like a champion
- Multi-year yield leader

GENERAL CHARACTERISTICS	
Plant Height	Medium-Tall
Canopy/Plant type	Medium-Bush
Branching Habit	Medium
Flower Color	Purple
Hilum Color	Imp. Black
Pod Color	Tan
Pubescence	Gray
Protein	NA
Oil	NA
Covercrop Companion	Good

AGRONOMIC FEATURES	
Yield for Maturity	Excellent
Emergence	Very Good
Shatter Resistance	Very Good
SCN Resistance source	Peking
Phytophthora Resistance Source	1k

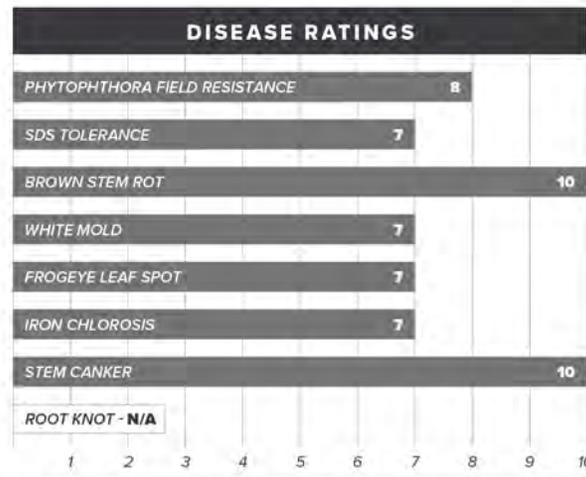
HERBICIDE TOLERANCE			
Conventional	✓	Dicamba	✗
Glyphosate	✓	2,4-D	✓
Glufosinate	✓	Sulfonylurea	✗

SOIL PLACEMENT	
<b>HR</b>	<b>Light Soils:</b> Low O.M., Low CEC, Low water holding capacity.
<b>HR</b>	<b>Medium Soils:</b> O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
<b>HR</b>	<b>Heavy Soils:</b> High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
<b>HR</b>	<b>Poorly Drained Soils:</b> Soils that tend to remain saturated for extended periods of time.

AREA OF ADAPTATION	
<b>R</b>	<b>Western:</b> West of Mississippi River
<b>HR</b>	<b>Central:</b> I-35 to I-65
<b>HR</b>	<b>Eastern:</b> East of Mississippi River
<b>HR</b>	Moves South well for an early season hybrid
<b>HR</b>	Moves North well for a full season hybrid

RECOMMENDED SEEDING RATES			
Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	<b>R</b>	<b>HR</b>	<b>R</b>
15" Rows	<b>NR</b>	<b>HR</b>	<b>R</b>
7.5" Rows	<b>NR</b>	<b>NR</b>	<b>R</b>

Population ranges are listed in 1000 seeds/acre



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### PLACEMENT/MANAGEMENT

- Excels from Illinois to Ohio
- Fits great on dryland acres in Nebraska
- Multiple year performance
- Excellent disease package



GENERAL CHARACTERISTICS	
Plant Height	Medium-Tall
Canopy/Plant type	Medium-Bush
Branching Habit	Branchy
Flower Color	White
Hilum Color	Buff
Pod Color	Brown
Pubescence	Gray
Protein	NA
Oil	NA
Covercrop Companion	Fair

AGRONOMIC FEATURES	
Yield for Maturity	Excellent
Emergence	Very Good
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	1c

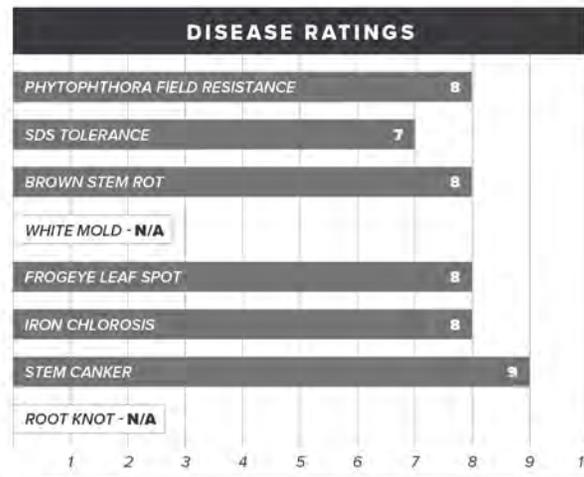
HERBICIDE TOLERANCE			
Conventional	✓	Dicamba	✗
Glyphosate	✓	2,4-D	✓
Glufosinate	✓	Sulfonylurea	✗

SOIL PLACEMENT	
<b>HR</b>	<b>Light Soils:</b> Low O.M., Low CEC, Low water holding capacity.
<b>HR</b>	<b>Medium Soils:</b> O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
<b>HR</b>	<b>Heavy Soils:</b> High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
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RECOMMENDED SEEDING RATES			
Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



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## PLACEMENT/MANAGEMENT

- Dominant performance from East to West!
- Yield and all-around defense!
- Plant this line with confidence
- Can take poorly-drained acres

GENERAL CHARACTERISTICS	
Plant Height	Medium-Tall
Canopy/Plant type	Medium
Branching Habit	Medium
Flower Color	Purple
Hilum Color	Imp. Black
Pod Color	Brown
Pubescence	Gray
Protein	NA
Oil	NA
Covercrop Companion	Good

AGRONOMIC FEATURES	
Yield for Maturity	Excellent
Emergence	Very Good
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	1c

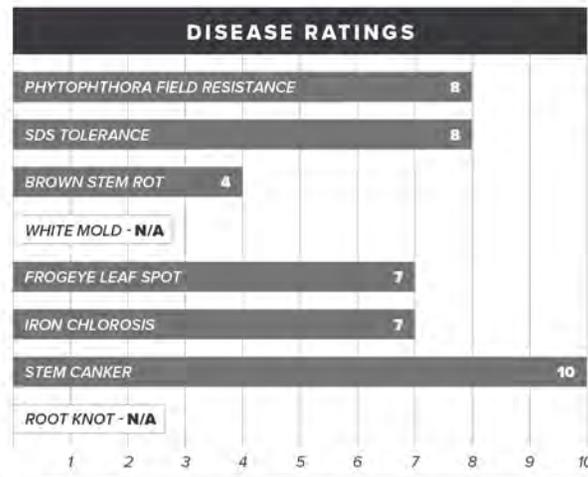
HERBICIDE TOLERANCE			
Conventional	✓	Dicamba	✗
Glyphosate	✓	2,4-D	✓
Glufosinate	✓	Sulfonylurea	✓

SOIL PLACEMENT	
<b>HR</b>	<b>Light Soils:</b> Low O.M., Low CEC, Low water holding capacity.
<b>HR</b>	<b>Medium Soils:</b> O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
<b>HR</b>	<b>Heavy Soils:</b> High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
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<b>HR</b>	Moves North well for a full season hybrid

RECOMMENDED SEEDING RATES			
Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



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## PLACEMENT/MANAGEMENT

- An earlier version of AE3720S
- Health improvements over the AE3310
- Strong against stress and SDS
- Not a hole in this line!

GENERAL CHARACTERISTICS	
Plant Height	Medium-Tall
Canopy/Plant type	Medium
Branching Habit	Medium
Flower Color	Purple
Hilum Color	Black
Pod Color	Brown
Pubescence	Light Tawny
Protein	NA
Oil	NA
Covercrop Companion	Very Good

AGRONOMIC FEATURES	
Yield for Maturity	Excellent
Emergence	Very Good
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	1k

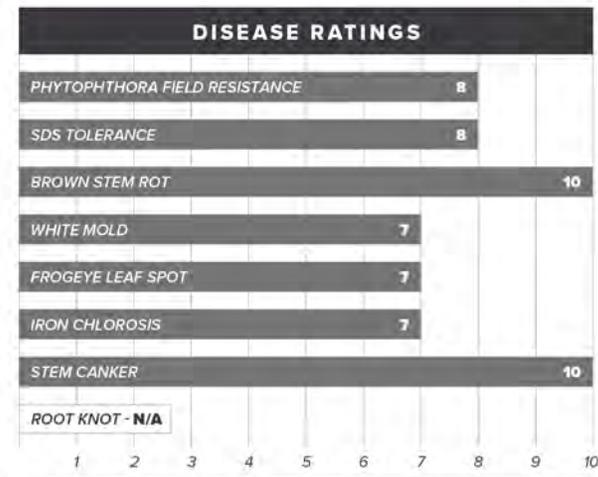
HERBICIDE TOLERANCE			
Conventional	✓	Dicamba	✗
Glyphosate	✓	2,4-D	✓
Glufosinate	✓	Sulfonylurea	✓

SOIL PLACEMENT	
HR	<b>Light Soils:</b> Low O.M., Low CEC, Low water holding capacity.
HR	<b>Medium Soils:</b> O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
HR	<b>Heavy Soils:</b> High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
HR	<b>Poorly Drained Soils:</b> Soils that tend to remain saturated for extended periods of time.

AREA OF ADAPTATION	
HR	<b>Western:</b> West of Mississippi River
HR	<b>Central:</b> I-35 to I-65
HR	<b>Eastern:</b> East of Mississippi River
HR	Moves South well for an early season hybrid
HR	Moves North well for a full season hybrid

RECOMMENDED SEEDING RATES			
Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



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### PLACEMENT/MANAGEMENT

- Look! +2 bpa over 3548E!
- A medium-tall line and stands great
- A wider profile plant type for all scenarios
- The perfect complement to AE3720S

#### GENERAL CHARACTERISTICS

Plant Height	Medium-Tall
Canopy/Plant type	Medium-Bush
Branching Habit	Branchy
Flower Color	Purple
Hilum Color	Imp. Black
Pod Color	Brown
Pubescence	Gray
Protein	NA
Oil	NA
Covercrop Companion	Good

#### AGRONOMIC FEATURES

Yield for Maturity	Excellent
Emergence	Excellent
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	None

#### HERBICIDE TOLERANCE

Conventional	✓	Dicamba	✗
Glyphosate	✓	2,4-D	✓
Glufosinate	✓	Sulfonylurea	✗

#### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
- HR** **Medium Soils:** O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
- HR** **Heavy Soils:** High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
- HR** **Poorly Drained Soils:** Soils that tend to remain saturated for extended periods of time.

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- HR** **Western:** West of Mississippi River
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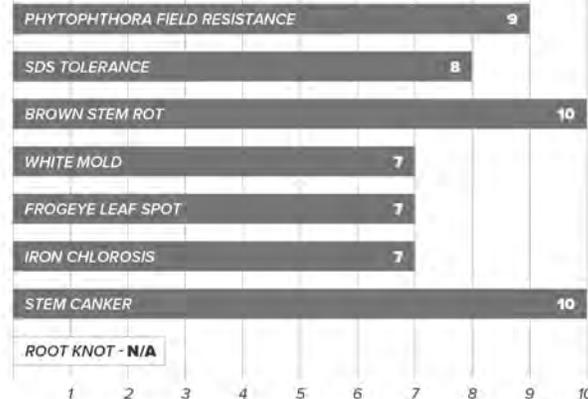
#### RECOMMENDED SEEDING RATES

Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



#### DISEASE RATINGS



NOTES



### PLACEMENT/MANAGEMENT

- A strong performer against key checks
- Unique genetics to companion with in this RM
- A shorter and stockier plant type
- An unbeatable agronomic package

#### GENERAL CHARACTERISTICS

Plant Height	Medium-Short
Canopy/Plant type	Medium-Bush
Branching Habit	Branchy
Flower Color	White
Hilum Color	Buff
Pod Color	Tan
Pubescence	Gray
Protein	NA
Oil	NA
Covercrop Companion	Very Good

#### AGRONOMIC FEATURES

Yield for Maturity	Very Good
Emergence	Excellent
Shatter Resistance	Excellent
SCN Resistance source	PI88788
Phytophthora Resistance Source	1c & 3a

#### HERBICIDE TOLERANCE

Conventional	✓	Dicamba	✗
Glyphosate	✓	2,4-D	✓
Glufosinate	✓	Sulfonylurea	✓

#### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
- HR** **Medium Soils:** O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
- HR** **Heavy Soils:** High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
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#### AREA OF ADAPTATION

- HR** **Western:** West of Mississippi River
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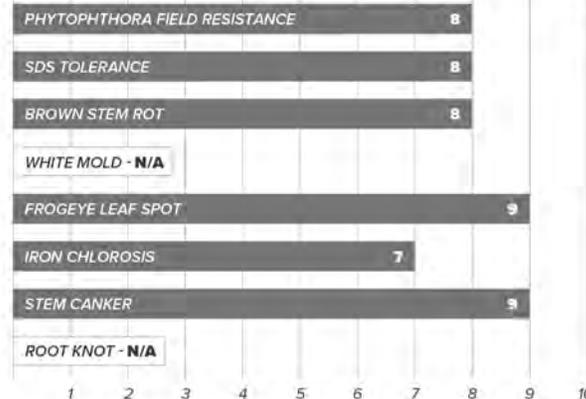
#### RECOMMENDED SEEDING RATES

Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	NR	HR	R
15" Rows	NR	R	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



#### DISEASE RATINGS



NOTES



## PLACEMENT/MANAGEMENT

- A game changing variety for late group 3 RM!
- Great yields with STS® tolerance
- This line offers a BIG disease package
- Maintains plant height across acres

GENERAL CHARACTERISTICS	
Plant Height	Medium-Tall
Canopy/Plant type	Medium
Branching Habit	Medium
Flower Color	Purple
Hilum Color	Black
Pod Color	Brown
Pubescence	Light Tawny
Protein	NA
Oil	NA
Covercrop Companion	Very Good

AGRONOMIC FEATURES	
Yield for Maturity	Excellent
Emergence	Very Good
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	1k

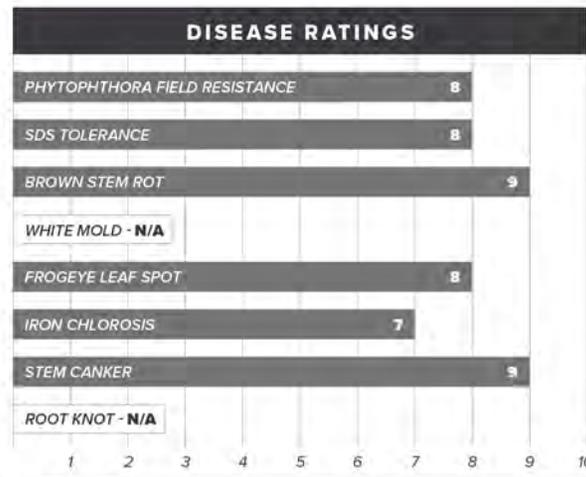
HERBICIDE TOLERANCE			
Conventional	✓	Dicamba	✗
Glyphosate	✓	2,4-D	✓
Glufosinate	✓	Sulfonylurea	✓

SOIL PLACEMENT	
HR	<b>Light Soils:</b> Low O.M., Low CEC, Low water holding capacity.
HR	<b>Medium Soils:</b> O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
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HR	<b>Western:</b> West of Mississippi River
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HR	Moves South well for an early season hybrid
HR	Moves North well for a full season hybrid

RECOMMENDED SEEDING RATES			
Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



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### PLACEMENT/MANAGEMENT

- Unmatched performance levels!
- A strong line all around
- Impressive win rates
- A nice looking line as well

GENERAL CHARACTERISTICS	
Plant Height	Medium-Tall
Canopy/Plant type	Medium
Branching Habit	Medium
Flower Color	White
Hilum Color	Brown
Pod Color	Tan
Pubescence	Light Tawny
Protein	NA
Oil	NA
Covercrop Companion	Very Good

AGRONOMIC FEATURES	
Yield for Maturity	Excellent
Emergence	Excellent
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	1k

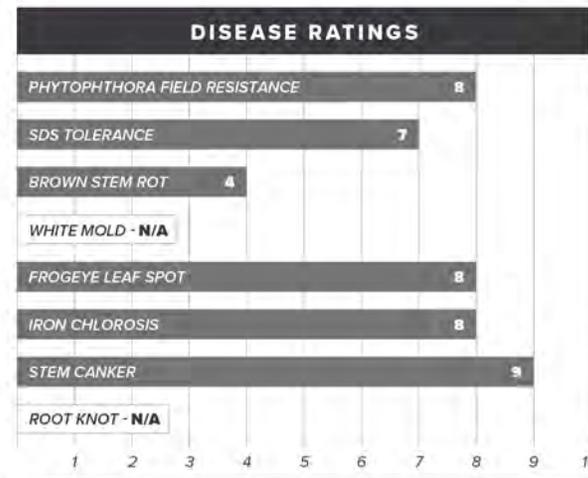
HERBICIDE TOLERANCE			
Conventional	✓	Dicamba	✗
Glyphosate	✓	2,4-D	✓
Glufosinate	✓	Sulfonylurea	✗

SOIL PLACEMENT	
<b>HR</b>	<b>Light Soils:</b> Low O.M., Low CEC, Low water holding capacity.
<b>HR</b>	<b>Medium Soils:</b> O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
<b>HR</b>	<b>Heavy Soils:</b> High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
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<b>HR</b>	Moves North well for a full season hybrid

RECOMMENDED SEEDING RATES			
Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



NOTES

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### PLACEMENT/MANAGEMENT

- Widely adapted across the Midwest
- Nice, big plant type
- Better suited to lower seeding rates
- Goes North and South well

GENERAL CHARACTERISTICS	
Plant Height	Medium-Tall
Canopy/Plant type	Medium-Bush
Branching Habit	Branchy
Flower Color	White
Hilum Color	Brown
Pod Color	Brown
Pubescence	Light Tawny
Protein	NA
Oil	NA
Covercrop Companion	Good

AGRONOMIC FEATURES	
Yield for Maturity	Excellent
Emergence	Excellent
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	None

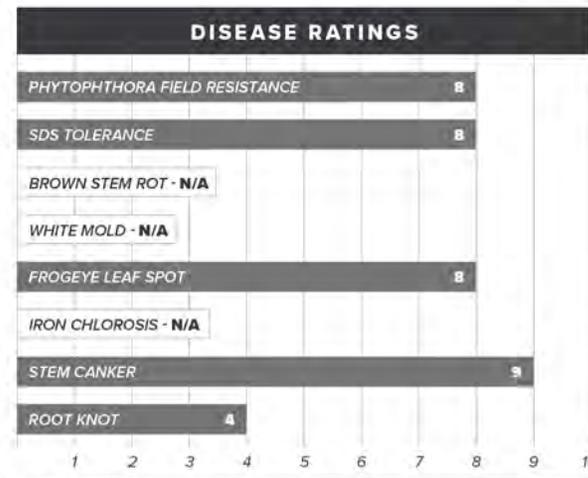
HERBICIDE TOLERANCE			
Conventional	✓	Dicamba	✗
Glyphosate	✓	2,4-D	✓
Glufosinate	✓	Sulfonylurea	✗

SOIL PLACEMENT	
<b>HR</b>	<b>Light Soils:</b> Low O.M., Low CEC, Low water holding capacity.
<b>HR</b>	<b>Medium Soils:</b> O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
<b>HR</b>	<b>Heavy Soils:</b> High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
<b>HR</b>	<b>Poorly Drained Soils:</b> Soils that tend to remain saturated for extended periods of time.

AREA OF ADAPTATION	
<b>HR</b>	<b>Western:</b> West of Mississippi River
<b>HR</b>	<b>Central:</b> I-35 to I-65
<b>HR</b>	<b>Eastern:</b> East of Mississippi River
<b>HR</b>	Moves South well for an early season hybrid
<b>HR</b>	Moves North well for a full season hybrid

Row Width	RECOMMENDED SEEDING RATES		
	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



NOTES

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#### PLACEMENT/MANAGEMENT

- A proven line in the XtendFlex® lineup
- Strong yield bump in this maturity
- Offers a solid disease profile
- A great no-till option and stands well

#### GENERAL CHARACTERISTICS

Plant Height	Medium-Tall
Canopy/Plant type	Medium-Bush
Branching Habit	Branchy
Flower Color	Purple
Hilum Color	Imp. Black
Pod Color	Brown
Pubescence	Gray
Protein	NA
Oil	NA
Covercrop Companion	Good

#### AGRONOMIC FEATURES

Yield for Maturity	Excellent
Emergence	Excellent
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	1c

#### HERBICIDE TOLERANCE

Conventional	✓	Dicamba	✓
Glyphosate	✓	2,4-D	✗
Glufosinate	✓	Sulfonylurea	✗

#### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
- HR** **Medium Soils:** O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
- HR** **Heavy Soils:** High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
- HR** **Poorly Drained Soils:** Soils that tend to remain saturated for extended periods of time.

#### AREA OF ADAPTATION

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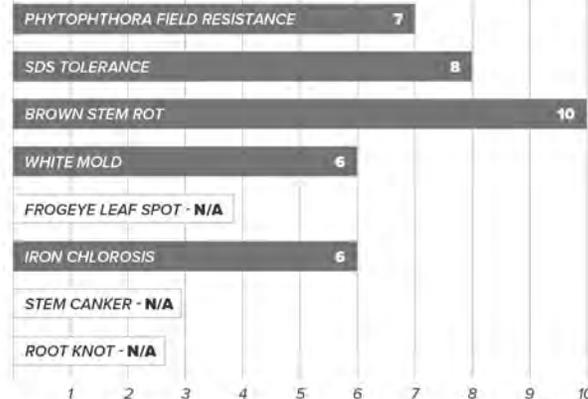
#### RECOMMENDED SEEDING RATES

Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



#### DISEASE RATINGS



NOTES

### PLACEMENT/MANAGEMENT

- A +3 bpa advantage over 28F12's
- A bigger, wider plant type
- A nice upgrade to the XtendFlex® lineup
- Manage around higher SDS areas

#### GENERAL CHARACTERISTICS

Plant Height	Medium-Tall
Canopy/Plant type	Medium-Bush
Branching Habit	Branchy
Flower Color	Purple
Hilum Color	Imp. Black
Pod Color	Brown
Pubescence	Gray
Protein	39.5%
Oil	22.1%
Covercrop Companion	Good

#### AGRONOMIC FEATURES

Yield for Maturity	Very Good
Emergence	Excellent
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	1c

#### HERBICIDE TOLERANCE

Conventional	✓	Dicamba	✓
Glyphosate	✓	2,4-D	✗
Glufosinate	✓	Sulfonylurea	✗

#### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
- HR** **Medium Soils:** O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
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- HR** **Poorly Drained Soils:** Soils that tend to remain saturated for extended periods of time.

#### AREA OF ADAPTATION

- HR** **Western:** West of Mississippi River
- HR** **Central:** I-35 to I-65
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- HR** Moves South well for an early season hybrid
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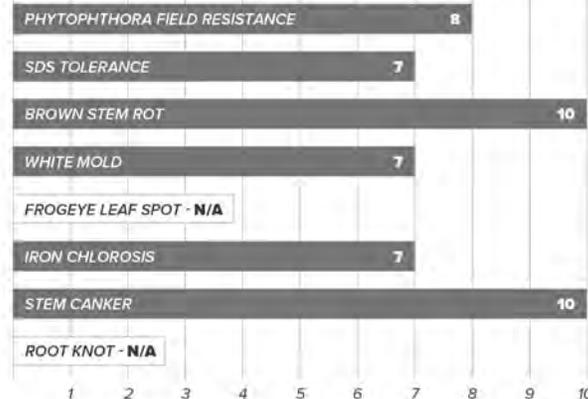
#### RECOMMENDED SEEDING RATES

Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



#### DISEASE RATINGS



NOTES

### PLACEMENT/MANAGEMENT

- Strong yield potential
- Excellent emergence and standability
- Very good on SDS
- A STAR from our 2022 releases and still going strong

#### GENERAL CHARACTERISTICS

Plant Height	Medium
Canopy/Plant type	Medium
Branching Habit	Medium
Flower Color	Purple
Hilum Color	Imp. Black
Pod Color	Tan
Pubescence	Gray
Protein	38.3%
Oil	22%
Covercrop Companion	Very Good

#### AGRONOMIC FEATURES

Yield for Maturity	Excellent
Emergence	Excellent
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	None

#### HERBICIDE TOLERANCE

Conventional	✓	Dicamba	✓
Glyphosate	✓	2,4-D	✗
Glufosinate	✓	Sulfonylurea	✗

#### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
- HR** **Medium Soils:** O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
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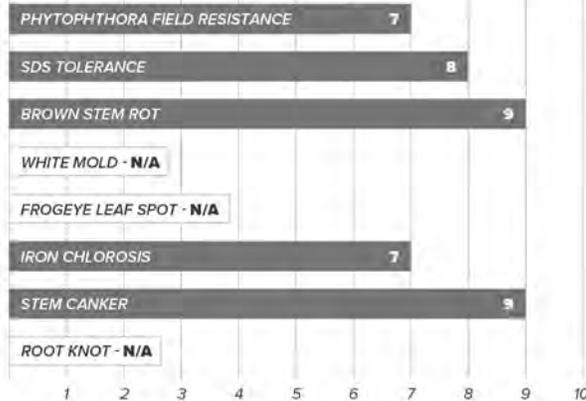
#### RECOMMENDED SEEDING RATES

Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



#### DISEASE RATINGS



NOTES

### PLACEMENT/MANAGEMENT

- A combination of yield and defense here
- A nice upgrade in this maturity
- Offers a nice disease package
- A very versatile variety

#### GENERAL CHARACTERISTICS

Plant Height	Medium-Tall
Canopy/Plant type	Medium-Bush
Branching Habit	Medium
Flower Color	Purple
Hilum Color	Imp. Black
Pod Color	Brown
Pubescence	Gray
Protein	39.2%
Oil	21.4%
Covercrop Companion	Good

#### AGRONOMIC FEATURES

Yield for Maturity	Very Good
Emergence	Excellent
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	1c

#### HERBICIDE TOLERANCE

Conventional	✓	Dicamba	✓
Glyphosate	✓	2,4-D	✗
Glufosinate	✓	Sulfonylurea	✗

#### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
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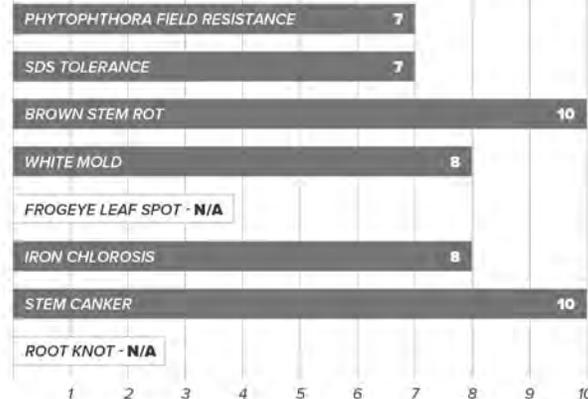
#### RECOMMENDED SEEDING RATES

Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



#### DISEASE RATINGS



NOTES

### PLACEMENT/MANAGEMENT

- Unique genetics for the XtendFlex® platform!
- Strong performance across the Midwest
- A medium-tall plant type
- Offers tolerance to STS® chemistry

#### GENERAL CHARACTERISTICS

Plant Height	Medium-Tall
Canopy/Plant type	Medium-Bush
Branching Habit	Bushy
Flower Color	Purple
Hilum Color	Black
Pod Color	Brown
Pubescence	Light Tawny
Protein	37.1%
Oil	23.1%
Covercrop Companion	Fair

#### AGRONOMIC FEATURES

Yield for Maturity	Very Good
Emergence	Excellent
Shatter Resistance	Excellent
SCN Resistance source	PI88788
Phytophthora Resistance Source	1a

#### HERBICIDE TOLERANCE

Conventional	✓	Dicamba	✓
Glyphosate	✓	2,4-D	✗
Glufosinate	✓	Sulfonylurea	✓

#### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
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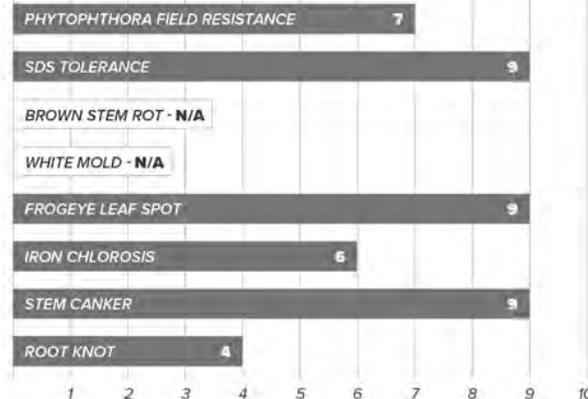
#### RECOMMENDED SEEDING RATES

Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



#### DISEASE RATINGS



NOTES

### PLACEMENT/MANAGEMENT

- Exceptional 2-year data across the Midwest
- Taller and bushier plant type that stands well
- A great no-till bean with a solid disease package
- A great companion to 36F28

#### GENERAL CHARACTERISTICS

Plant Height	Tall
Canopy/Plant type	Medium-Bush
Branching Habit	Branchy
Flower Color	White
Hilum Color	Buff
Pod Color	Brown
Pubescence	Gray
Protein	39.5%
Oil	22.6%
Covercrop Companion	Fair

#### AGRONOMIC FEATURES

Yield for Maturity	Excellent
Emergence	Excellent
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	1c

#### HERBICIDE TOLERANCE

Conventional	✓	Dicamba	✓
Glyphosate	✓	2,4-D	✗
Glufosinate	✓	Sulfonylurea	✗

#### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
- HR** **Medium Soils:** O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
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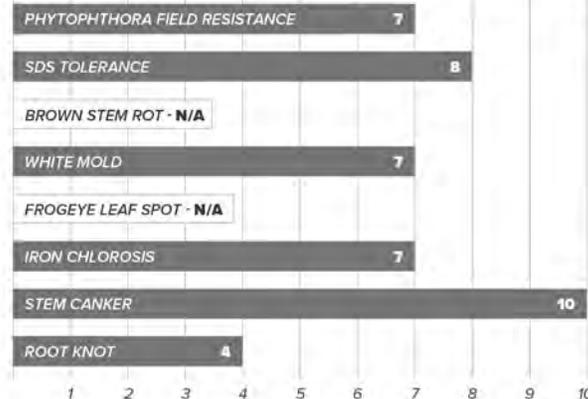
#### RECOMMENDED SEEDING RATES

Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



#### DISEASE RATINGS



NOTES

### PLACEMENT/MANAGEMENT

- A variety with yield and dual SCN protection!
- Very consistent yields
- Rps1k for Phytophthora
- Works well on all soil types

#### GENERAL CHARACTERISTICS

Plant Height	Medium
Canopy/Plant type	Medium-Bush
Branching Habit	Medium
Flower Color	Purple
Hilum Color	Buff
Pod Color	Tan
Pubescence	Gray
Protein	32.6%
Oil	20.2%
Covercrop Companion	Excellent

#### AGRONOMIC FEATURES

Yield for Maturity	Very Good
Emergence	Excellent
Shatter Resistance	Very Good
SCN Resistance source	437654/PI88788
Phytophthora Resistance Source	1k

#### HERBICIDE TOLERANCE

Conventional	✓	Dicamba	✗
Glyphosate	✗	2,4-D	✗
Glufosinate	✗	Sulfonylurea	✗

#### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
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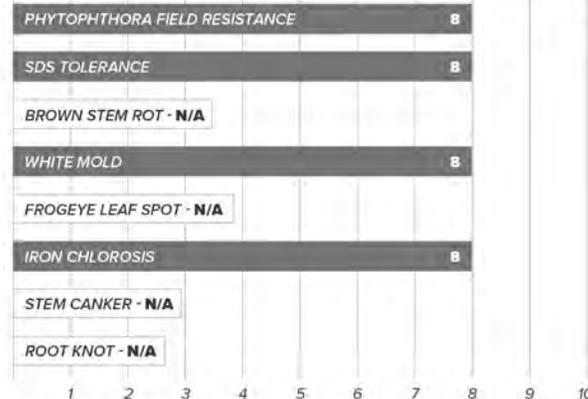
#### RECOMMENDED SEEDING RATES

Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



#### DISEASE RATINGS



NOTES

### PLACEMENT/MANAGEMENT

- Strong data over multiple years
- Great defense package for many acres
- Stands like a champion
- Raises the bar for yield over past products

#### GENERAL CHARACTERISTICS

Plant Height	Medium-Tall
Canopy/Plant type	Medium-Bush
Branching Habit	Medium
Flower Color	White
Hilum Color	Brown
Pod Color	Tan
Pubescence	Light Tawny
Protein	NA
Oil	NA
Covercrop Companion	Very Good

#### AGRONOMIC FEATURES

Yield for Maturity	Excellent
Emergence	Very Good
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	None

#### HERBICIDE TOLERANCE

Conventional	✓	Dicamba	✗
Glyphosate	✗	2,4-D	✗
Glufosinate	✗	Sulfonylurea	✗

#### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
- HR** **Medium Soils:** O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
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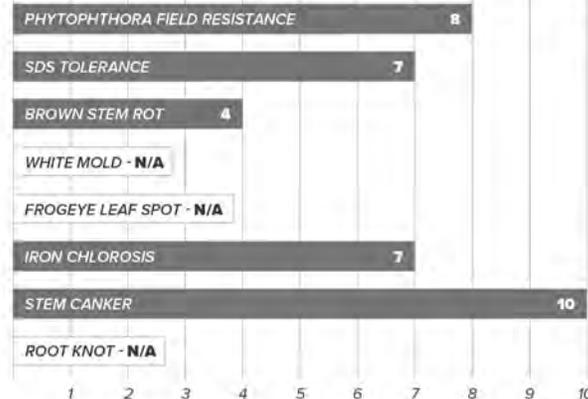
#### RECOMMENDED SEEDING RATES

Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



#### DISEASE RATINGS



NOTES

### PLACEMENT/MANAGEMENT

- Strong parentage in this line
- High yields across the Midwest
- Has resistant genes for PRR and Stem Canker
- Stands strong, nice emergence and can take stress

GENERAL CHARACTERISTICS	
Plant Height	Medium-Tall
Canopy/Plant type	Medium-Bush
Branching Habit	Medium
Flower Color	White
Hilum Color	Brown
Pod Color	Brown
Pubescence	Light Tawny
Protein	NA
Oil	NA
Covercrop Companion	Very Good

AGRONOMIC FEATURES	
Yield for Maturity	Excellent
Emergence	Very Good
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	1k

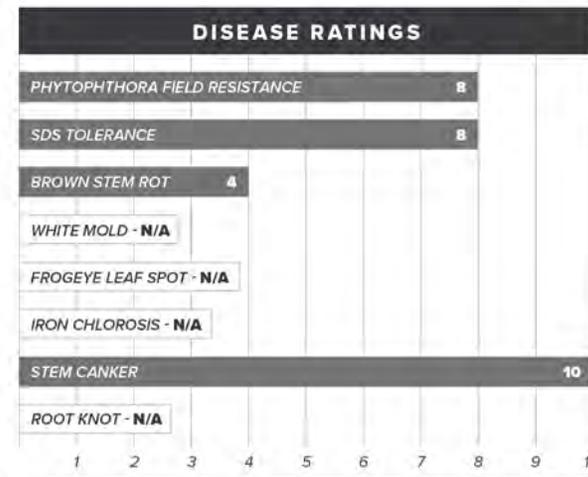
HERBICIDE TOLERANCE			
Conventional	✓	Dicamba	✗
Glyphosate	✗	2,4-D	✗
Glufosinate	✗	Sulfonylurea	✓

SOIL PLACEMENT	
<b>HR</b>	<b>Light Soils:</b> Low O.M., Low CEC, Low water holding capacity.
<b>HR</b>	<b>Medium Soils:</b> O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
<b>HR</b>	<b>Heavy Soils:</b> High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
<b>HR</b>	<b>Poorly Drained Soils:</b> Soils that tend to remain saturated for extended periods of time.

AREA OF ADAPTATION	
<b>HR</b>	<b>Western:</b> West of Mississippi River
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<b>HR</b>	<b>Eastern:</b> East of Mississippi River
<b>HR</b>	Moves South well for an early season hybrid
<b>HR</b>	Moves North well for a full season hybrid

RECOMMENDED SEEDING RATES			
Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



NOTES

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### PLACEMENT/MANAGEMENT

- High performance 3 years running
- Contains tolerance to STS® chemistry
- Strong disease package
- Somewhat bushy with lateral branching

#### GENERAL CHARACTERISTICS

Plant Height	Medium
Canopy/Plant type	Medium-Bush
Branching Habit	Medium
Flower Color	Purple
Hilum Color	Black
Pod Color	Brown
Pubescence	Light Tawny
Protein	NA
Oil	NA
Covercrop Companion	Good

#### AGRONOMIC FEATURES

Yield for Maturity	Excellent
Emergence	Excellent
Shatter Resistance	Excellent
SCN Resistance source	PI88788
Phytophthora Resistance Source	None

#### HERBICIDE TOLERANCE

Conventional	✓	Dicamba	✗
Glyphosate	✗	2,4-D	✗
Glufosinate	✗	Sulfonylurea	✓

#### SOIL PLACEMENT

- HR** **Light Soils:** Low O.M., Low CEC, Low water holding capacity.
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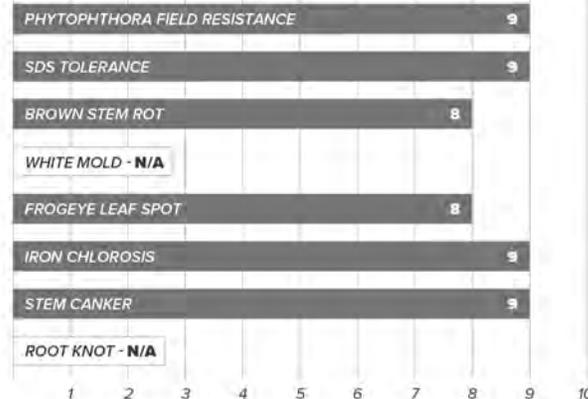
#### RECOMMENDED SEEDING RATES

Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



#### DISEASE RATINGS



NOTES

### PLACEMENT/MANAGEMENT

- A strong new entry in the late group 3's for non-gmo!
- Excellent 2-year-performance data
- Complete disease package combined
- A must-have line if you plant close to this maturity!

GENERAL CHARACTERISTICS	
Plant Height	Medium-Tall
Canopy/Plant type	Medium-Bush
Branching Habit	Branchy
Flower Color	Purple
Hilum Color	Brown
Pod Color	Tan
Pubescence	Light Tawny
Protein	NA
Oil	NA
Covercrop Companion	Good

AGRONOMIC FEATURES	
Yield for Maturity	Excellent
Emergence	Very Good
Shatter Resistance	Very Good
SCN Resistance source	PI88788
Phytophthora Resistance Source	1c

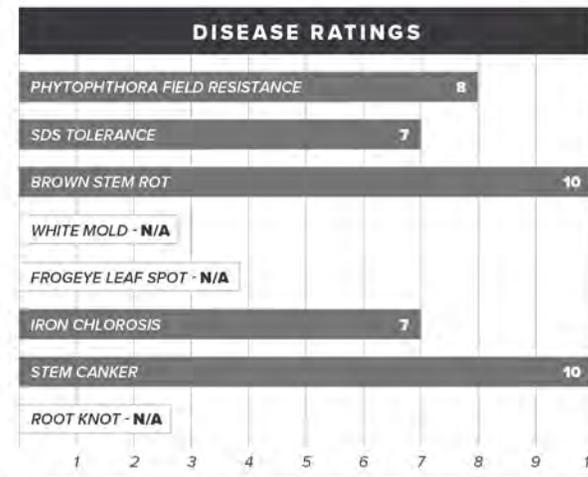
HERBICIDE TOLERANCE			
Conventional	✓	Dicamba	✗
Glyphosate	✗	2,4-D	✗
Glufosinate	✗	Sulfonylurea	✓

SOIL PLACEMENT	
<b>HR</b>	<b>Light Soils:</b> Low O.M., Low CEC, Low water holding capacity.
<b>HR</b>	<b>Medium Soils:</b> O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.
<b>HR</b>	<b>Heavy Soils:</b> High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil
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RECOMMENDED SEEDING RATES			
Row Width	Less than 130k	130k to 150k	More than 150k
30" Rows	R	HR	R
15" Rows	NR	HR	R
7.5" Rows	NR	NR	R

Population ranges are listed in 1000 seeds/acre



NOTES

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