



HOEGEMEYER™

# ***RAISED LOCAL. RAISED RIGHT HERE.***



2023 SEED GUIDE





**HOEGEMEYER™**



# ***RAISED LOCAL. RAISED RIGHT HERE.***

**RAISED ON THIS LAND.**

**THE ONES WHO ARE ANYTHING BUT BLAND.**

The doers. Dawn 'til dusk or 'til it's done.

Weathering the seasons. And surprises. Taking the hits, looking them straight in the eye and saying, "We do whatever it takes."

The strong ones. We help them grow stronger.

Blending the best of what we've learned into the best path forward.

Working harder to bring world-class to these local fields.

The leading genetics. The latest research and technologies.

The cutting-edge-yet-common-sense agronomy. The shake-em-up yields.

Because we're born and raised here, too.

And local, means something greater here.

**WE REPRESENT THE WESTERN CORN BELT  
WITH MORE THAN JUST PRIDE.**

It's hometown pride. And we'd rather be nowhere else.

From people to products. Here's to raising a better crop.

Here's to a firm grip on the future, proven with every firm handshake.

**HERE'S TO THE LOCALS. RAISED RIGHT HERE.**

We'll keep raising the bar to ensure you only get the best.

**AT HOEGEMEYER.**



# OUR PILLARS OF SUCCESS

## 1. WESTERN CORN BELT FOCUS

This is our home – giving us and our customers the advantage of knowing what grows best here. Local expertise helps us develop custom recommendations for the farmers we proudly serve.

## 2. DRIVEN BY AGRONOMY

Local Hoegemeyer agronomists and product experts means cutting-edge-yet-common-sense agronomy for your farm. We not only deal with challenges on the spot but anticipate what is coming your way. Here's to raising a better crop, year-after-year.

## 3. SOLUTIONS FOR SUCCESS

Our goal is to bring world-class to your local fields. With our access to the world's largest store of genetics, germplasm, and innovative trait technologies through U.S.-based Corteva Agriscience, plus the power of product placement with Granular Insights, we can match the right product for every acre on your farm.

## 4. RAISED LOCAL. RAISED RIGHT.

From our front office to our district sales managers, agronomists and seed dealers, our commitment to your success runs deep. This is our home. We want to make your experience with Hoegemeyer Hybrids not only successful, but lifelong. It's just how we were raised here in the Western Corn Belt.



A close-up photograph of corn plants in a field. The leaves are green and show some signs of stress or damage, with some yellowing and browning at the edges. The plants are growing in dark, rich soil. The background is slightly blurred, showing more of the same plants. The overall lighting is soft, suggesting a late afternoon or early morning setting.

# ***CORN HYBRIDS***





## THE RIGHT SEED FOR RIGHT HERE



**HOEGEMEYER.**

**SEED CORN**

*THE RIGHT SEED.*

**TRIPLE  
STACKS**  
CORN ROOTWORM/  
CORN BORER  
PROTECTION

**DOUBLE  
STACKS**  
CORN BORER  
PROTECTION

**SINGLE  
STACKS**  
HERBICIDE  
RESISTANCE

**CONV.  
NON-TRAIT**

TRAIT / TECHNOLOGY	LOGOS	HOEGEMEYER TRAIT SUFFIX	
Qrome®		Q	
Optimum® AcreMax® XTreme		AMXT	
SmartStax® Refuge Advanced®		SXRA	
SmartStax® Enlist®		SXE	
Optimum® AcreMax® Leptra®		AML	
Optimum® AcreMax®		AM	
PowerCore® Refuge Advanced®		PWRA	
Roundup Ready® Corn 2		RR	
Conventional			





	TAG DESCRIPTOR	INTEGRATED COMPONENTS	REFUGE	GLYPHOSATE Durango® and other brands	GLUFOSINATE Liberty® and other brands	2,4-D CHOLINE Enlist One® and Enlist Duo®	QUIZALOFOP DuPont™ Assure® II
	ABOVE/BELOW	<div> <div></div> 95% (RW, YGCB, HXX, LL, RR2)           <div></div> 5% (LL, RR2)         </div>	Integrated refuge; no separate refuge required in the Corn Belt. Additional 20% corn borer refuge is required in EPA-designated cotton counties.	<div></div>	<div></div>		
	ABOVE/BELOW	<div> <div></div> 95% (RW, YGCB, HXX, LL, RR2)           <div></div> 5% (LL, RR2)         </div>	Integrated refuge; no separate refuge required in the Corn Belt. Additional 20% corn borer refuge is required in EPA-designated cotton counties.	<div></div>	<div></div>		
	ABOVE/BELOW	<div> <div></div> 95% (VT2, HX1, VT3, HXRW, RR2)           <div></div> 5% (LL, RR2)         </div>	Integrated refuge; no separate refuge required in the Corn Belt. Additional 20% corn borer refuge is required in EPA-designated cotton counties.	<div></div>	<div></div>		
	ABOVE/BELOW		20% structured refuge	<div></div>	<div></div>	<div></div>	<div></div>
	ABOVE	<div> <div></div> 95% (AVBL, YGCB, HX1, LL, RR2)           <div></div> 5% (LL, RR2)         </div>	Integrated refuge; no separate refuge required in the Corn Belt.	<div></div>	<div></div>		
	ABOVE	<div> <div></div> 95% (YGCB, HX1, LL, RR2)           <div></div> 5% (LL, RR2)         </div>	Integrated refuge; no separate refuge required in the Corn Belt.	<div></div>	<div></div>		
	ABOVE	<div> <div></div> 95% (VT2, HX1, RR2)           <div></div> 5% (LL, RR2)         </div>	Integrated refuge; no separate refuge required in the Corn Belt.	<div></div>	<div></div>		
				<div></div>			
	CONVENTIONAL						





# THE HOEGEMEYER CORN NAMING SYSTEM

## 7404 Q

**74** – add 30 to the first two numbers in the series to get the relative maturity for that hybrid.  
 $74 + 30 = 104$  RM

**04** – the second two numbers denote the specific hybrid. The last digit changes for each trait stack, usually by 1 with increasing number for increasing traits.

**Q** – is the trait suffix that denotes trait stack. A conventional hybrid is denoted with no letters at the end.

### Examples include:

7401 – conventional  
7402 AM – double stack  
7403 AMXT – triple stack  
7404 Q – Qrome® triple stack

\* Refer to page 6 for trait suffix description.

## CORN SEED TREATMENT



## PERFORMANCE THROUGH PROTECTION

- **Robust Insect Control with 500 Insecticide Rate**
  - Dual modes of action featuring Lumivia™ 250 and Lumisure™ 250
  - Protection against traditional seed and seedling pests plus added protection against Cutworm and Fall Armyworm
- **Broad Disease Protection**
  - Multiple modes of action protect against key seedling diseases
- **Enhanced Plant Health**
  - Biological stimulant to increase root mass and improve nutrient uptake
- **Nematode Protection with Lumialza Nematicide Seed Treatment**
  - Yield improvement of 3.7 bu/a under low nematode pressure
  - Up to 9 bu/a under heavy nematode pressure
  - Expanding Bio-Barrier shields roots with 80+ days of protection
- **All part of our standard base corn treatment package**





# ***SHAKE-'EM- UP YIELDS.***

PERFORMANCE. **PROVEN LOCALLY.**

Hoegemeyer brand Qrome® products had a 5.4 bu/ac advantage in 2021 on-farm trials against competitive CRW products within a +/- 3 CRM.

Get growing now and far into the future with Qrome technology from Hoegemeyer. Go to **THERIGHTSEED.COM** or contact your local Hoegemeyer seed dealer to learn more.







# CORN RATINGS & CHARACTERISTICS

TRIPLE STACKS  
CORN ROOTWORM/CORN BORER PROTECTION

BRAND	Page	Tech Segment	MATURITY			PLANT CHARACTERISTICS								
			Relative Maturity	Flowering RM	Heat Units to Black Layer	Stress Emergence	Stalk Strength	Root Strength	Greensnap Tolerance	Plant Height for Maturity	Ear Height for Maturity	Low Population Response (Ear Flex)	High Population Response	
6117 Q™	16	Q, LL, RR2	91	89	2220	4	4	7	6	6	6	6	5	
6775 Q™	17	Q, LL, RR2	97	96	2370	5	5	8	5	5	6	6	5	
6814 AMXT™	17	AMXT, LL, RR2	98	100	2370	7	4	8	5	4	4	7	4	
7028 Q™	18	Q, LL, RR2	100	97	2450	5	5	6	7	6	6	5	7	
7089 AMXT™	19	AMXT, LL, RR2	100	101	2470	5	5	7	5	5	5	7	5	
7211 Q™	19	Q, LL, RR2	102	99	2450	6	8	5	6	5	4	7	6	
7404 Q™	20	Q, LL, RR2	104	102	2530	4	6	6	6	5	6	6	7	
7436 Q™	21	Q, LL, RR2	104	107	2580	5	5	6	7	7	7	7	5	
7523 Q™	21	Q, LL, RR2	105	103	2550	4	6	7	6	6	6	5	7	
7653 Q™	22	Q, LL, RR2	106	105	2560	6	6	6	6	5	6	6	6	
7692 Q™	22	Q, LL, RR2	106	110	2500	5	6	5	6	8	6	6	6	
7772 Q™	23	Q, LL, RR2	107	107	2700	5	7	5	6	5	5	6	6	
7921 Q™	24	Q, LL, RR2	109	112	2650	5	7	5	7	7	7	6	4	
7990 Q™	25	Q, LL, RR2	109	114	2630	5	7	5	5	6	6	6	5	
8052 Q™	26	Q, LL, RR2	110	108	2600	6	6	6	6	5	5	6	5	
8073 Q™	27	Q, LL, RR2	110	113	2650	4	6	8	6	6	7	5	6	
8085 Q™	27	Q, LL, RR2	110	111	2650	6	6	7	6	5	6	5	7	
8106 Q™	27	Q, LL, RR2	111	113	2690	5	6	6	6	5	5	5	6	
8140 SXRA™	28	SXRA	111	112	2680	6	6	6	5	6	7	7	5	
8188 Q™	28	Q, LL, RR2	111	112	2730	6	7	5	7	6	6	6	5	
8235 Q™	29	Q, LL, RR2	112	108	2630	5	7	6	7	5	6	5	7	
8268 Q™	30	Q, LL, RR2	112	111	2660	6	6	4	6	7	6	6	6	
8338 SXRA™	31	SXRA	113	113	2730	6	6	6	7	7	8	6	5	
8339 SXE™	31	SXE	113	113	2730	6	6	6	7	7	8	6	5	
8454 Q™	33	Q, LL, RR2	114	113	2810	4	5	6	6	5	6	6	4	
8491 Q™	33	Q, LL, RR2	114	111	2600	5	5	5	7	5	6	6	6	
8512 Q™	34	Q, LL, RR2	115	113	2860	4	5	7	6	5	5	6	5	
8531 Q™	34	Q, LL, RR2	115	117	2700	5	4	4	6	7	6	8	4	
8560 Q™	34	Q, LL, RR2	115	115	2860	4	6	6	6	6	6	5	7	
8637 Q™	35	Q, LL, RR2	116	114	2680	5	6	6	6	6	6	7	4	

All ratings on a 1-9 scale with 9 being the best.

Plant Height, 9 is tallest

Ear Height, 9 is highest

NR = No Rating

New hybrids in green

Indicates Optimum® AQUAmax® product

## Silage MAX

- Tonnage and quality you expect from a silage product
- Top-end grain potential and agronomics
- Maximum flexibility to fit your feeding and farming operation





			STRESS AND DISEASE PACKAGE						HARVEST CHARACTERISTICS			END USE	BRAND
Kernel Rows	Cob Color		Drought	Goss's Wilt	Gray Leaf Spot	Northern Leaf Blight	Anthraxnose Stalk Rot	High pH	Staygreen	Test Weight	Drydown	Silage MAX	
	16-18	RED	5	6	4	6	NR	4	7	5	3	NO	6117 Q™
	14-18	RED	6	7	4	4	4	5	6	6	6	YES	6775 Q™
	14-18	PINK	8	6	5	4	5	6	4	4	6	NO	6814 AMXT™
	14-18	PINK	7	7	4	5	3	6	5	5	5	NO	7028 Q™
	16-18	PINK	9	6	4	5	3	6	4	6	7	YES	7089 AMXT™
	16-18	RED	7	6	5	4	4	5	6	4	6	NO	7211 Q™
	16-18	PINK	9	7	4	5	3	6	5	6	5	YES	7404 Q™
	16-18	PINK	8	6	4	5	4	5	6	5	7	YES	7436 Q™
	14-18	PINK	9	7	4	6	5	5	5	5	5	YES	7523 Q™
	16-20	RED	7	5	5	5	4	5	6	7	6	NO	7653 Q™
	16-18	PINK	7	7	4	6	6	6	5	5	4	YES	7692 Q™
	16-20	PINK	6	6	5	6	4	5	7	5	6	NO	7772 Q™
	16-18	RED	5	7	6	6	6	6	8	6	5	YES	7921 Q™
	16-20	PINK	6	6	5	4	6	6	7	6	5	YES	7990 Q™
	16-18	RED	7	6	5	6	4	5	6	6	5	NO	8052 Q™
	16-18	WHITE	7	6	4	4	6	5	7	8	6	NO	8073 Q™
	18-20	RED	7	7	5	5	5	6	5	6	7	NO	8085 Q™
	16-18	PINK	7	6	4	5	5	5	5	7	5	NO	8106 Q™
	14-18	PINK	8	6	6	5	NR	6	5	4	5	NO	8140 SXRA™
	16-18	RED	6	7	5	5	5	6	7	7	7	YES	8188 Q™
	16-18	PINK	9	6	4	5	5	6	6	7	6	YES	8235 Q™
	16-18	RED	7	7	5	5	5	5	8	6	5	NO	8268 Q™
	16-18	PINK	6	5	6	6	5	6	7	4	6	NO	8338 SXRA™
	16-18	PINK	6	5	6	6	5	6	7	4	6	NO	8339 SXE™
	14-18	PINK	6	5	5	4	4	NR	4	6	3	NO	8454 Q™
	16-18	RED	9	7	5	4	3	5	6	6	6	NO	8491 Q™
	14-16	WHITE	8	7	4	6	4	5	6	6	5	NO	8512 Q™
	16-20	RED	7	6	5	4	4	5	5	5	6	YES	8531 Q™
	14-20	PINK	8	7	4	6	4	5	6	7	5	NO	8560 Q™
	16-18	RED	6	7	6	3	3	5	6	8	5	YES	8637 Q™

TRIPLE STACKS  
CORN ROOTWORM/CORN BORER PROTECTION

## CHARACTERISTIC DEFINITIONS

**Stress Emergence** – Ability to emerge in stressful conditions associated with early planting dates or heavy residue.

**Stalk Strength** – Late-season stalk integrity.

**Root Strength** – Resistance to root lodging during the growing season and through harvest.

**Greensnap Tolerance** – Resistance to cornstalk breakage from high winds during periods of rapid plant growth.

**Low Population Response** – (Ear Flex)  
A hybrid's ability to adjust ear size and out-yield other hybrids at low populations.

**High Population Response** – Likelihood of a yield benefit at aggressive planting populations. Also takes into account standability at high populations.

**Drought Stress** – Ability to maintain yields under drought stress.

**Drydown** – Rate at which grain loses moisture in the field after reaching physiological maturity (black layer).

**High pH** – Represents a hybrids performance record on soils with pH of 7.5 and above.







# CORN RATINGS & CHARACTERISTICS









## DOUBLE STACKS CORN BORER PROTECTION

BRAND	Page	Tech Segment	MATURITY			PLANT CHARACTERISTICS								
			Relative Maturity	Flowering RM	Heat Units to Black Layer	Stress Emergence	Stalk Strength	Root Strength	Greensnap Tolerance	Plant Height for Maturity	Ear Height for Maturity	Low Population Response (Ear Flex)	High Population Response	
6357 AM™	16	AM, LL, RR2	93	96	2320	4	7	5	5	6	5	5	7	
6620 AM™	17	AM, LL, RR2	96	98	2350	5	8	7	5	7	7	6	7	
6774 AM™	17	AM, LL, RR2	97	96	2370	5	5	8	5	5	6	6	5	
6813 AM™	17	AM, LL, RR2	98	100	2370	7	4	8	5	4	4	7	4	
6850 AM™	18	AM, LL, RR2	98	98	2370	5	7	6	5	4	4	6	6	
6941 AM™	18	AM, LL, RR2	99	100	2400	5	5	5	5	7	6	6	5	
7027 AM™	18	AM, LL, RR2	100	97	2450	5	5	6	7	6	6	5	7	
7088 AM™	19	AM, LL, RR2	100	101	2470	5	5	7	5	5	5	7	5	
7138 AM™	19	AM, LL, RR2	101	100	2420	4	8	5	7	5	5	6	6	
7209 AM™	19	AM, LL, RR2	102	99	2450	6	8	5	6	5	4	7	6	
7224 AM™	20	AM, LL, RR2	102	101	2420	6	6	6	7	5	5	6	6	
7322 AML™	20	AML, LL, RR2	103	103	2490	4	6	7	6	6	6	5	7	
7402 AM™	20	AM, LL, RR2	104	102	2530	4	6	6	6	5	6	6	7	
7434 AM™	21	AM, LL, RR2	104	107	2580	5	5	6	7	7	7	7	5	
7515 AM™	21	AM, LL, RR2	105	103	2580	4	6	7	7	5	6	5	7	
7680 AM™	22	AM, LL, RR2	106	109	2680	7	5	5	5	5	6	6	5	
7843 AM™	23	AM, LL, RR2	108	109	2730	4	6	7	6	6	5	6	6	
7869 AM™	23	AM, LL, RR2	108	111	2700	6	6	7	6	5	5	5	6	
7886 AM™	24	AM, LL, RR2	108	111	2680	6	6	5	5	5	7	5	7	
7900 AM™	24	AM, LL, RR2	109	108	2600	5	6	6	6	5	6	8	4	
7946 AM™	25	AM, LL, RR2	109	109	2530	5	6	4	5	7	7	7	4	
7955 AML™	25	AML, LL, RR2	109	109	2600	5	6	8	7	5	5	6	6	
8009 AM™	26	AM, LL, RR2	110	105	2630	5	6	7	6	4	5	6	6	
8066 AM™	26	AM, LL, RR2	110	108	2600	5	5	6	5	5	5	5	6	
8084 AM™	27	AM, LL, RR2	110	111	2650	6	6	7	6	5	6	5	7	
8104 AM™	27	AM, LL, RR2	111	113	2690	5	6	6	6	5	5	5	6	
8156 AM™	28	AM, LL, RR2	111	109	2530	5	5	5	5	7	6	6	4	
8217 AM™	29	AM, LL, RR2	112	107	2630	5	8	5	7	5	5	5	7	
8233 AM™	29	AM, LL, RR2	112	108	2630	5	7	6	7	5	6	5	7	
8239 AM™	29	AM, LL, RR2	112	109	2710	4	6	8	7	7	5	5	7	
8255 AM™	30	AM, LL, RR2	112	108	2630	5	7	5	6	4	5	4	6	
8296 AML™	30	AML, LL, RR2	112	114	2730	5	6	7	4	8	8	8	4	
8303 AM™	31	AM, LL, RR2	113	113	2780	6	7	6	5	5	5	6	6	
8348 PWRA™	31	PWRA	113	116	2700	7	7	6	6	6	6	5	7	
8370 AM™	32	AM, LL, RR2	113	113	2680	5	6	5	6	7	7	6	6	
8371 AML™	32	AML, LL, RR2	113	113	2680	5	6	6	6	7	7	6	6	
8382 AM™	32	AM, LL, RR2	113	109	2810	6	6	5	6	5	5	5	7	
8414 AM™	32	AM, LL, RR2	114	115	2730	5	8	5	6	7	5	6	5	
8447 AM™	33	AM, LL, RR2	114	115	2680	6	6	5	6	7	7	6	5	
8490 AM™	33	AM, LL, RR2	114	111	2600	5	5	5	7	5	6	6	6	
8511 AML™	34	AML, LL, RR2	115	113	2860	4	5	7	6	5	5	6	5	
8529 AM™	34	AM, LL, RR2	115	117	2700	5	4	4	6	7	6	8	4	
8707 AM™	35	AM, LL, RR2	117	117	2830	4	8	6	6	7	6	6	6	
8750 AML™	35	AML, LL, RR2	117	114	2830	5	7	7	5	7	6	6	6	



# CORN RATINGS & CHARACTERISTICS



			STRESS AND DISEASE PACKAGE						HARVEST CHARACTERISTICS			END USE	
	Kernel Rows	Cob Color	Drought	Goss's Wilt	Gray Leaf Spot	Northern Leaf Blight	Anthraxnose Stalk Rot	High pH	Staygreen	Test Weight	Drydown	Silage MAX	BRAND
	14-16	RED	8	6	3	6	NR	NR	6	5	4	NO	6357 AM™
	16-20	RED	7	6	5	5	5	4	7	4	4	YES	6620 AM™
	14-18	RED	6	7	4	4	4	5	6	6	6	YES	6774 AM™
	14-18	PINK	8	6	5	4	5	6	4	4	6	NO	6813 AM™
	14-16	RED	6	6	5	5	4	6	6	5	5	NO	6850 AM™
	14-16	RED	7	7	4	6	NR	NR	5	6	3	NO	6941 AM™
	14-18	PINK	7	7	4	5	3	6	5	5	5	NO	7027 AM™
	16-18	PINK	9	6	4	5	3	6	4	6	7	YES	7088 AM™ 
	14-16	RED	8	7	4	5	NR	NR	8	4	5	NO	7138 AM™
	16-18	RED	7	6	5	4	4	5	6	4	6	NO	7209 AM™
	14-18	RED	7	6	3	5	4	5	4	5	7	YES	7224 AM™
	14-18	PINK	9	7	4	6	5	5	5	5	5	YES	7322 AML™ 
	16-18	PINK	9	7	4	5	3	6	5	6	5	YES	7402 AM™ 
	16-18	PINK	8	6	4	5	4	5	6	5	7	YES	7434 AM™
	14-18	PINK	7	5	3	5	4	NR	5	7	7	NO	7515 AM™
	14-16	RED	9	7	5	7	5	NR	6	6	7	NO	7680 AM™ 
	16-18	PINK	6	6	5	5	5	NR	6	5	6	NO	7843 AM™
	14-18	PINK	6	4	5	4	5	6	7	6	6	NO	7869 AM™
	16-18	RED	7	5	4	5	5	6	6	5	8	NO	7886 AM™
	16-18	WHITE	7	5	4	5	4	5	6	6	4	YES	7900 AM™
	16-18	RED	7	6	4	5	4	6	6	5	5	NO	7946 AM™
	16-18	PINK	7	7	5	6	4	5	6	7	4	NO	7955 AML™
	14-16	WHITE	6	5	4	5	4	4	5	7	3	NO	8009 AM™
	14-18	RED	9	5	4	5	4	5	5	5	6	NO	8066 AM™ 
	18-20	RED	7	7	5	5	5	6	5	6	7	NO	8084 AM™
	16-18	PINK	7	6	4	5	5	5	5	7	5	NO	8104 AM™
	18-20	RED	8	6	5	6	6	NR	5	5	3	NO	8156 AM™
	14-18	RED	8	6	4	5	4	5	7	6	4	NO	8217 AM™
	16-18	PINK	9	6	4	5	5	6	6	7	6	YES	8233 AM™ 
	16-18	RED	8	6	6	5	4	4	7	7	6	NO	8239 AM™
	14-18	RED	9	6	3	6	5	6	7	4	5	NO	8255 AM™ 
	16-20	PINK	5	6	5	6	5	5	7	5	7	YES	8296 AML™
	18-20	PINK	6	6	5	5	5	NR	6	7	4	NO	8303 AM™
	14-16	RED	7	5	3	6	5	5	4	6	5	NO	8348 PWRA™
	12-18	RED	8	7	6	4	6	5	8	6	6	NO	8370 AM™
	12-18	RED	8	7	6	4	6	5	8	6	6	NO	8371 AML™
	16-18	RED	7	4	5	5	4	6	8	7	7	NO	8382 AM™
	16-20	PINK	7	7	5	6	4	5	8	5	8	YES	8414 AM™
	14-18	RED	6	7	5	5	5	5	7	6	7	NO	8447 AM™
	16-18	RED	9	7	5	4	3	5	6	6	6	NO	8490 AM™ 
	14-16	WHITE	8	7	4	6	4	5	6	6	5	NO	8511 AML™
	16-20	RED	7	6	5	4	4	5	5	5	6	YES	8529 AM™
	16-20	RED	7	7	5	5	5	5	6	5	7	YES	8707 AM™
	16-18	PINK	7	7	6	4	4	5	6	6	7	YES	8750 AML™

DOUBLE STACKS  
CORN BORER PROTECTION












# CORN RATINGS & CHARACTERISTICS

**SINGLE STACKS**  
HERBICIDE RESISTANCE

**CONVENTIONAL**  
NON-TRAIT

BRAND	Page	Tech Segment	MATURITY			PLANT CHARACTERISTICS								
			Relative Maturity	Flowering RM	Heat Units to Black Layer	Stress Emergence	Stalk Strength	Root Strength	Greensnap Tolerance	Plant Height for Maturity	Ear Height for Maturity	Low Population Response (Ear Flex)	High Population Response	
5515 RR™	16	RR2	85	87	2040	5	6	6	6	5	5	6	6	
8065 RR™ 	26	RR2	110	108	2600	5	5	6	5	5	5	5	6	
6773™	17	CONVENTIONAL	97	96	2370	5	5	8	5	5	6	6	5	
7086™ 	19	CONVENTIONAL	100	101	2470	5	5	7	5	5	5	7	5	
7401™ 	20	CONVENTIONAL	104	102	2530	4	6	6	6	5	6	6	7	
7945™	25	CONVENTIONAL	109	109	2530	5	6	4	5	7	7	7	4	
8064™ 	26	CONVENTIONAL	110	108	2600	5	5	6	5	5	5	5	6	
8231™ 	29	CONVENTIONAL	112	108	2630	5	7	6	7	5	6	5	7	
8381™	32	CONVENTIONAL	113	109	2810	6	6	5	6	5	5	5	7	

All ratings on a 1-9 scale with 9 being the best.

Plant Height, 9 is tallest

Ear Height, 9 is highest

NR = No Rating

New hybrids in green

 Indicates Optimum® AQUAmax® product






## Silage MAX

- Tonnage and quality you expect from a silage product
- Top-end grain potential and agronomics
- Maximum flexibility to fit your feeding and farming operation



# CORN RATINGS & CHARACTERISTICS





	Kernel Rows	Cob Color	STRESS AND DISEASE PACKAGE						HARVEST CHARACTERISTICS			END USE	BRAND
			Drought	Goss's Wilt	Gray Leaf Spot	Northern Leaf Blight	Anthrachnose Stalk Rot	High pH	Staygreen	Test Weight	Drydown	Silage MAX	
	14-18	RED	8	6	4	5	4	5	5	4	5	NO	5515 RR™
	14-18	RED	9	5	4	5	4	5	5	5	6	NO	8065 RR™ 
	14-18	RED	6	7	4	4	4	5	6	6	6	YES	6773™
	16-18	PINK	9	6	4	5	3	6	4	6	7	YES	7086™ 
	16-18	PINK	9	7	4	5	3	6	5	6	5	YES	7401™ 
	16-18	RED	7	6	4	5	4	6	6	5	5	NO	7945™
	14-18	RED	9	5	4	5	4	5	5	5	6	NO	8064™ 
	16-18	PINK	9	6	4	5	5	6	6	7	6	YES	8231™ 
	16-18	RED	7	4	5	5	4	6	8	7	7	NO	8381™

SINGLE STACKS  
HERBICIDE RESISTANCE

CONVENTIONAL  
NON-TRAIT

## DROUGHT TOLERANCE SCALE

DROUGHT SCORE	GROWING ENVIRONMENT				
	Good Moisture Availability or Full Irrigation	Better Non-Irrigated Soils	Occasional Drought or Limited Irrigation	Prone to Drought Stress	Toughest Drought Acres
5					
6					
7					
8					
9	 				

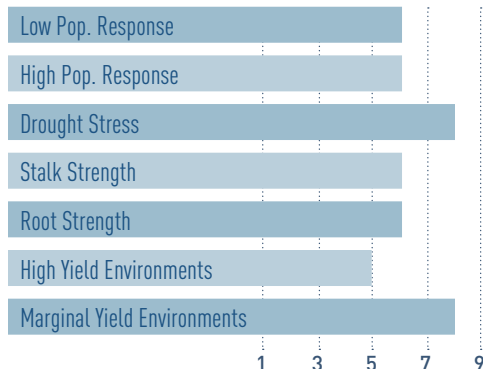




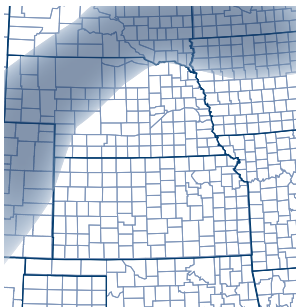


### 5515 RR™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY

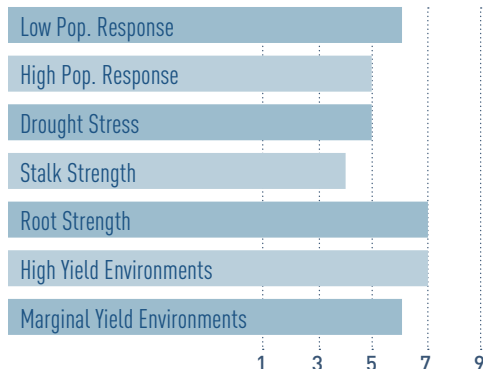


#### 85RM – 2040 HEAT UNITS

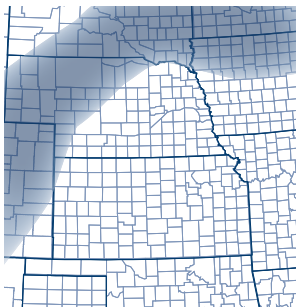
- Adapted to challenging acres in the western corn belt
- Excellent drought tolerance
- Solid Goss's Wilt tolerance

### 6117 Q™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY

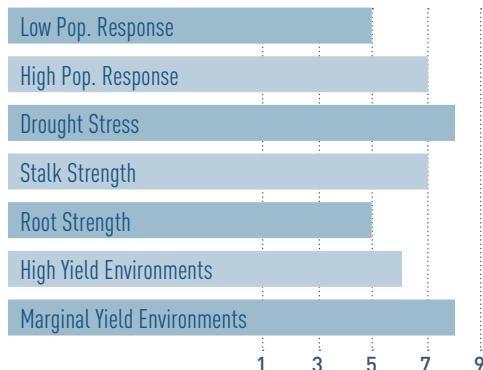


#### 91RM – 2220 HEAT UNITS

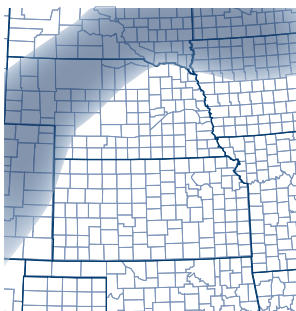
- A 91 RM hybrid with good yield for maturity
- Excellent Northern Leaf Blight tolerance
- Manage late season stalks for timely harvest
- Keep on better soils

### NEW 6357 AM™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY



#### 93RM – 2320 HEAT UNITS

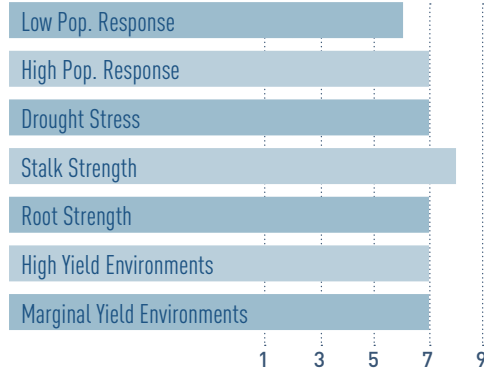
- New early maturing hybrid with very good drought tolerance
- Above average staygreen with strong late stalks
- Above average tolerance to Northern Leaf Blight



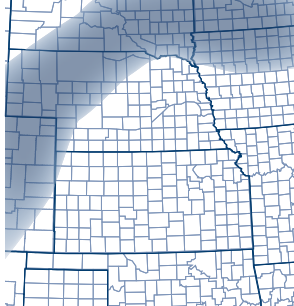


## 6620 AM™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY



### 96RM – 2350 HEAT UNITS

- Proven genetics with excellent versatility
- Tall, attractive plant suited for grain or silage use
- Good standability and disease package



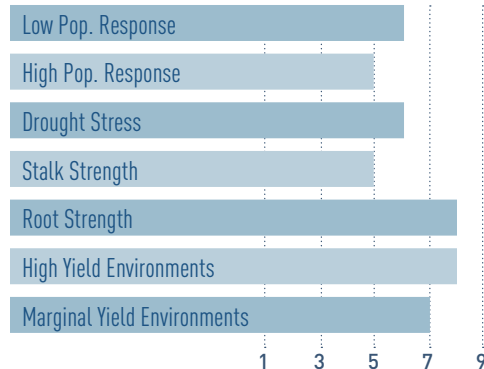
**Silage MAX**

## NEW 6773™

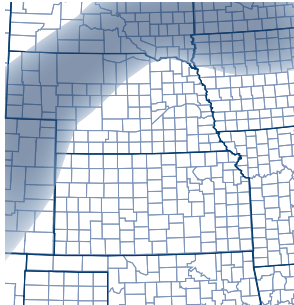
## NEW 6774 AM™

## 6775 Q™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY



### 97RM – 2370 HEAT UNITS

- Good yield and ear flex potential
- Outstanding root strength
- Nice test weight

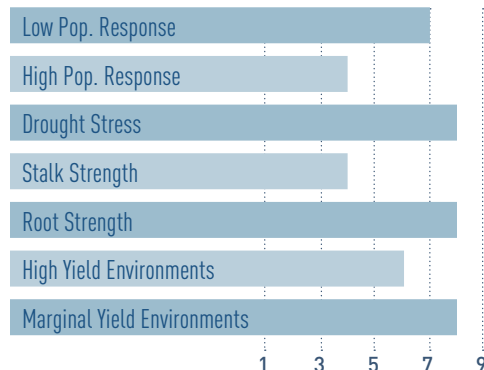


**Silage MAX**

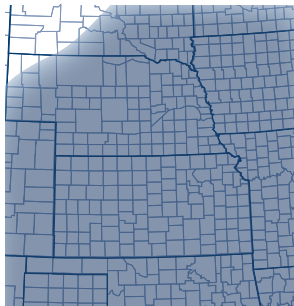
## 6813 AM™

## 6814 AMXT™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY



### 98RM – 2370 HEAT UNITS

- Excellent drought tolerance
- Top-notch emergence in difficult soil conditions
- Girthy ear with good flex

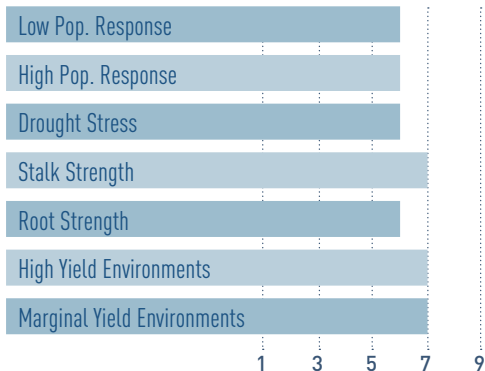




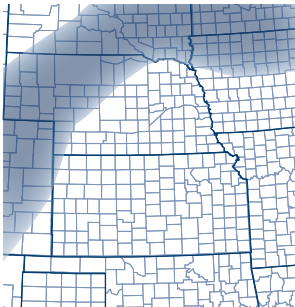


### 6850 AM™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY

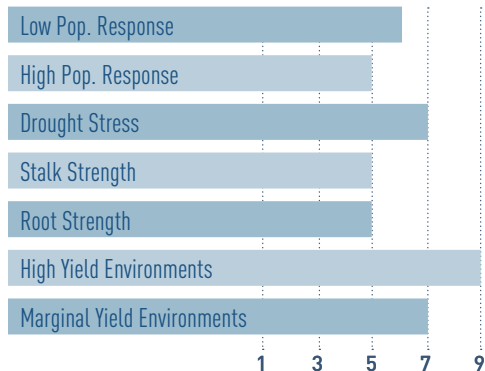


### 98RM – 2370 HEAT UNITS

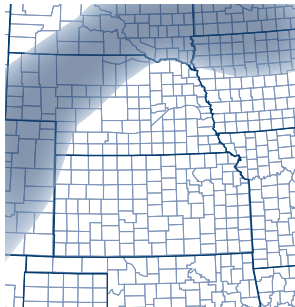
- Good overall hybrid with strong stalks
- Stable performance over a broad range of yield environments
- Moderate stature

### NEW 6941 AM™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY



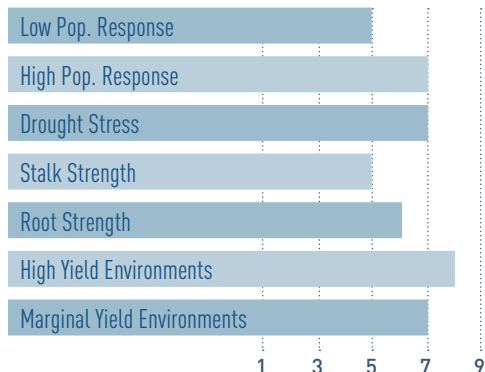
### 99RM – 2400 HEAT UNITS

- Bringing a new level of yield potential for this maturity range
- Good Northern Leaf Blight tolerance
- Excellent Goss's Wilt tolerance

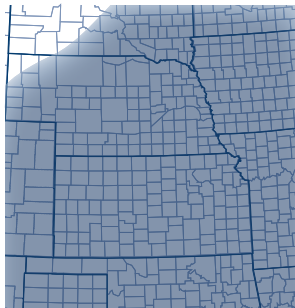
### 7027 AM™

### 7028 Q™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY



### 100RM – 2450 HEAT UNITS

- Broadly adapted genetic family
- Good greensnap tolerance
- Above-average root strength





7086™



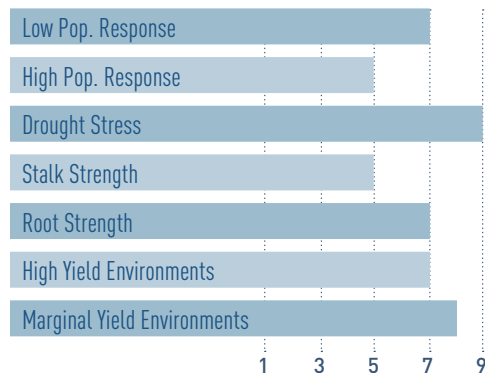
7088 AM™



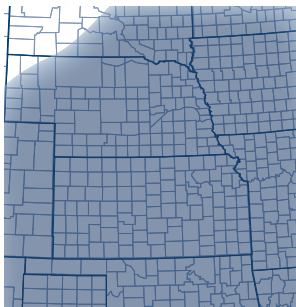
7089 AMXT™



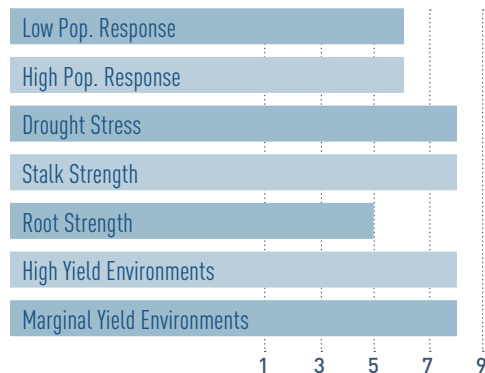
## AGRONOMICS



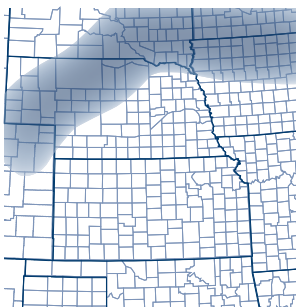
## RECOMMENDED GEOGRAPHY

NEW  
7138 AM™

## AGRONOMICS



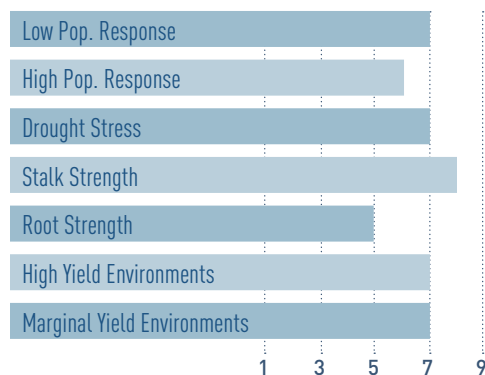
## RECOMMENDED GEOGRAPHY



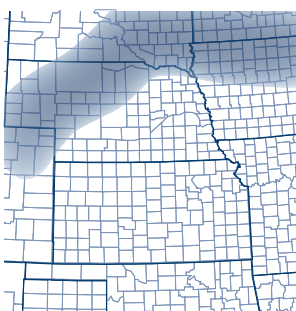
7209 AM™

7211 Q™

## AGRONOMICS



## RECOMMENDED GEOGRAPHY



## 100RM – 2470 HEAT UNITS

- Proven genetic family with very broad adaptation
- Optimum® AQUAmax® drought tolerance
- Excels in the traditional 100 day zone as well as an early corn product in southern areas
- Above average ear flex



Silage MAX

## 101RM – 2420 HEAT UNITS

- New genetics with good western adaptation
- Very good drought tolerance
- Excellent late-season stalk strength and staygreen

## 102RM – 2450 HEAT UNITS

- Agronomic hybrid with good ear flex
- Strong out of the ground under stressful conditions
- Excellent late season stalks and appearance

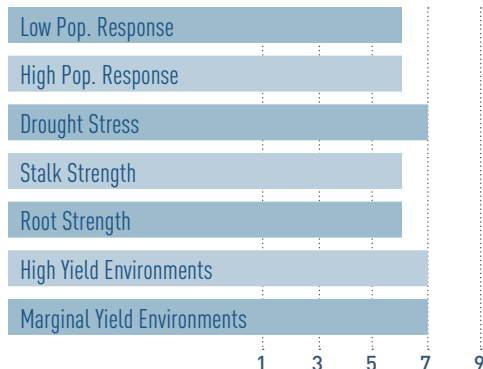




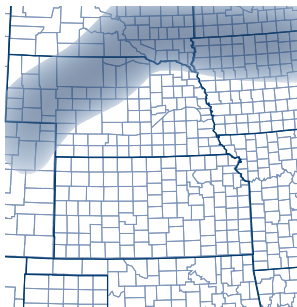


### 7224 AM™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY



### 102RM – 2420 HEAT UNITS

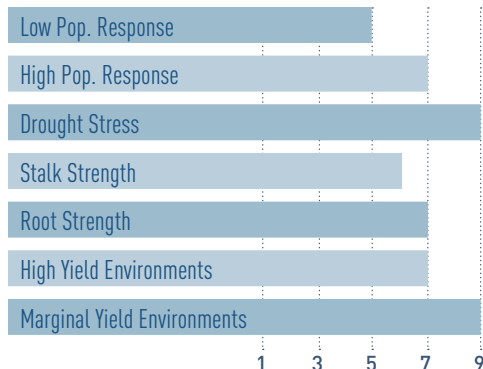
- Consistent performer in northern Iowa
- Moves north well as a 102 RM product
- Strong stress emergence, early flowering, and fast drydown



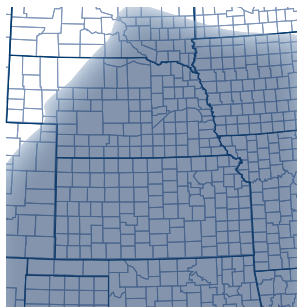
**Silage MAX**

### 7322 AML™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY



### 103RM – 2490 HEAT UNITS

- Tough product featuring Optimum® AQUAmax® drought tolerance
- Optimum® AcreMax® Leptra® insect protection
- Strong roots and good overall standability
- Good Goss's Wilt and Northern Leaf Blight tolerance



**Silage MAX**

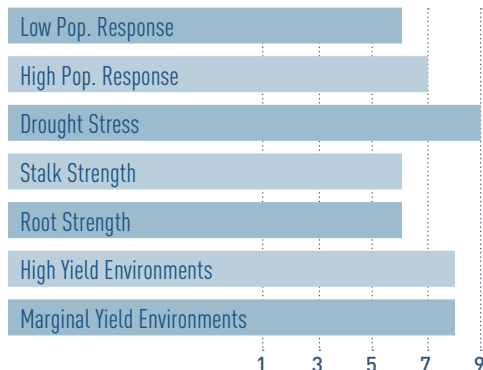
**NEW**

### 7401™

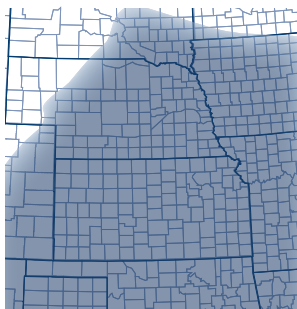
### 7402 AM™

### 7404 Q™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY



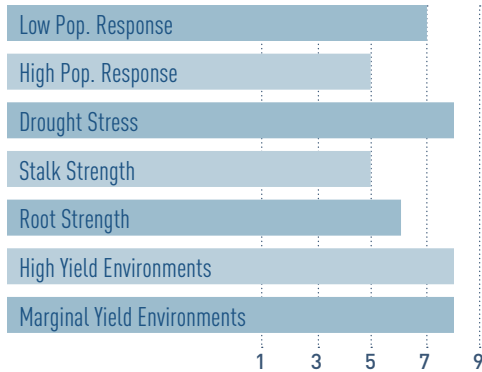
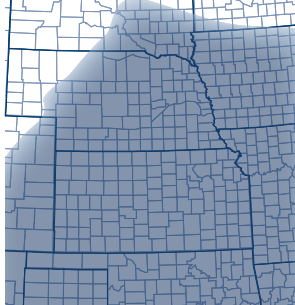
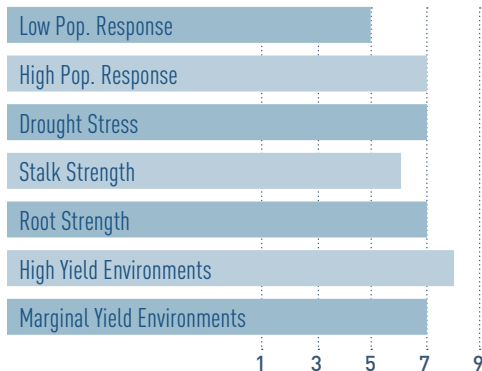
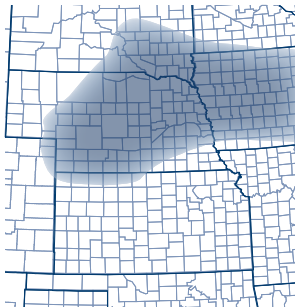
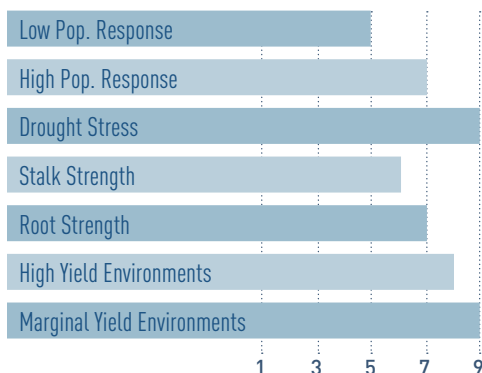
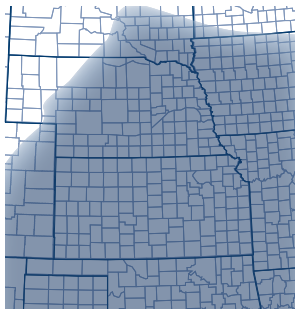
### 104RM – 2530 HEAT UNITS

- Elite genetic family with Optimum® AQUAmax® drought tolerance
- Broadly adapted with consistent yields
- Good standability package



**Silage MAX**



**7434 AM™****7436 Q™****AGRONOMICS****RECOMMENDED GEOGRAPHY****NEW 7515 AM™****AGRONOMICS****RECOMMENDED GEOGRAPHY****NEW 7523 Q™****AGRONOMICS****RECOMMENDED GEOGRAPHY****104RM – 2580 HEAT UNITS**

- Popular genetic series due to excellent yield for maturity
- Works over a broad area - handles southern movement and drought
- Good tolerance against greensnap
- Tall plant with high ear placement

**Silage MAX****105RM – 2580 HEAT UNITS**

- New 105 RM hybrid adapted to Iowa, Nebraska, and South Dakota
- Excellent standability package
- Fast drydown
- Heavy test weight

**105RM – 2550 HEAT UNITS**

- Exciting new Orome® product with a wide range of adaptation
- Optimum® AQUAmax® drought tolerance
- Strong roots and good overall standability
- Good Goss's Wilt and Northern Leaf Blight tolerance

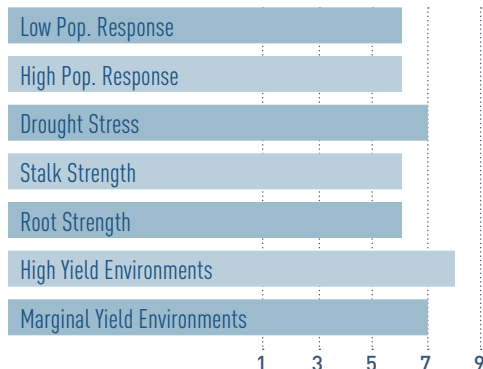
**Silage MAX**



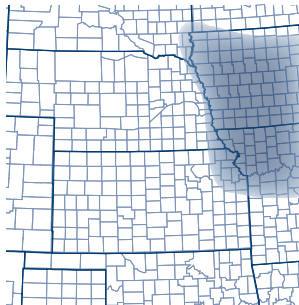


### 7653 Q™

#### AGRONOMICS

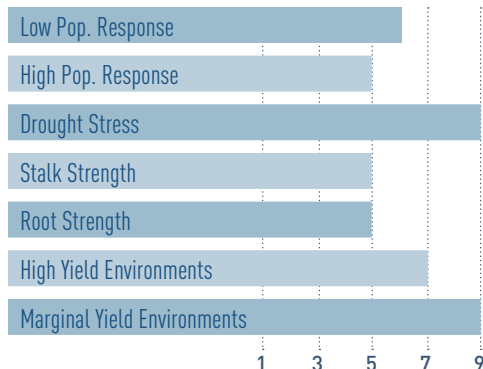


#### RECOMMENDED GEOGRAPHY

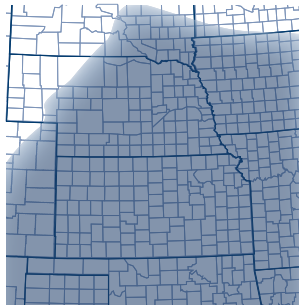


### NEW 7680 AM™

#### AGRONOMICS

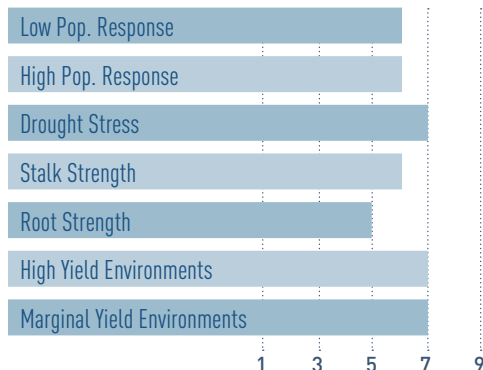


#### RECOMMENDED GEOGRAPHY

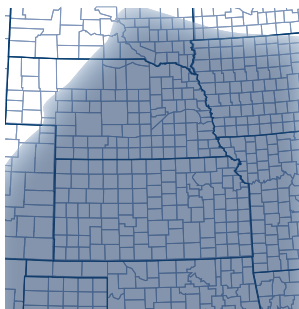


### 7692 Q™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY



#### 106RM – 2560 HEAT UNITS

- Outstanding Qrome® product for Iowa and eastern South Dakota
- Good drought tolerance
- Strong emergence for high residue fields
- 2021 Regional Champion in Northwest Iowa F.I.R.S.T. trials

#### 106RM – 2680 HEAT UNITS

- New hybrid with Optimum® AQUAmax® drought tolerance
- Strong stress emergence for early planting
- Excellent disease package

#### 106RM – 2500 HEAT UNITS

- Qrome® triple stack hybrid well-suited for corn on corn acres
- Tall plant type with dual purpose grain/silage utility
- Strong Northern Leaf Blight and Goss's Wilt tolerance



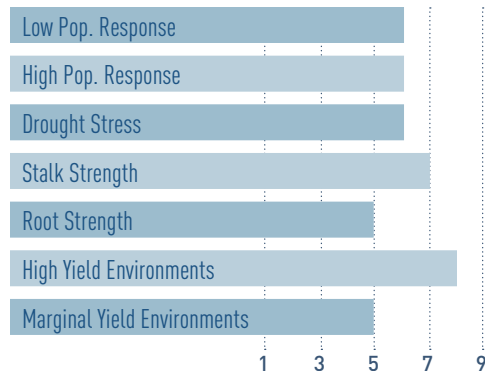
**Silage MAX**



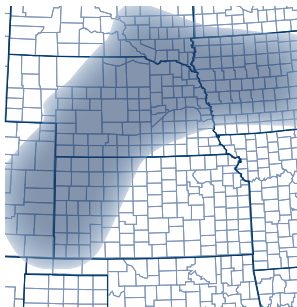


## 7772 Q™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY

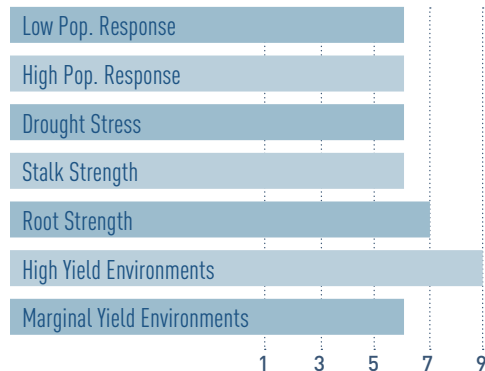


### 107RM – 2700 HEAT UNITS

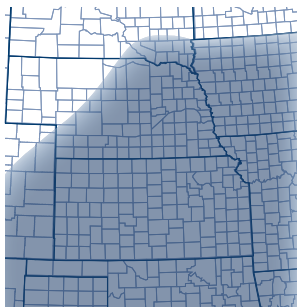
- A moderate statured Qrome® hybrid best placed on higher producing acres
- Girthy ear with high top-end yield potential
- Outstanding plant health and staygreen

## NEW 7843 AM™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY

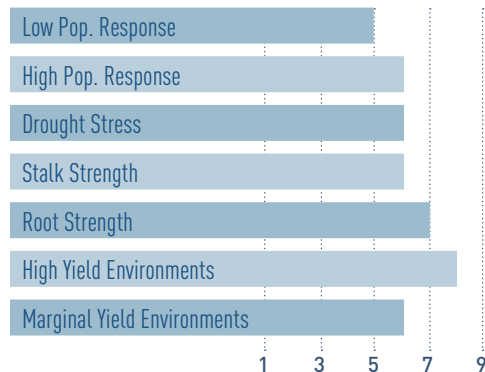


### 108RM – 2730 HEAT UNITS

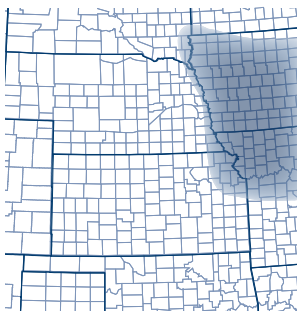
- New Yield Leader at 108 RM
- Moderate plant stature with good overall standability
- Responds well to good fertility and management

## 7869 AM™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY



### 108RM – 2700 HEAT UNITS

- A proven performer in Iowa
- Very good stress emergence for heavier soils
- Good root strength

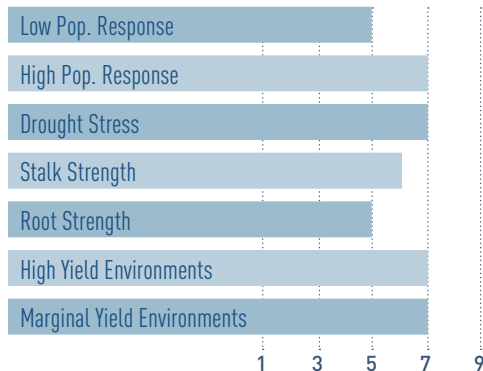




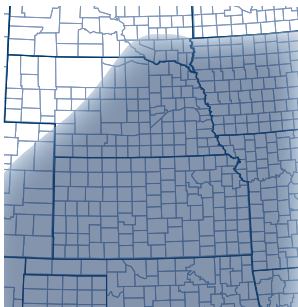


### 7886 AM™

#### AGRONOMICS

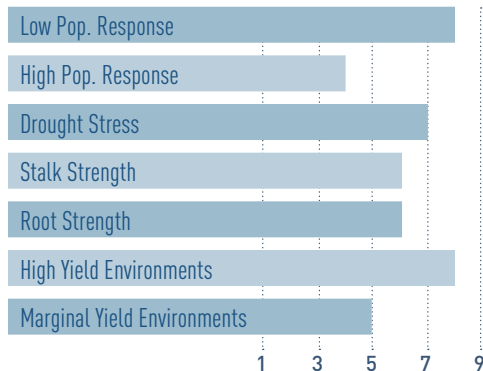


#### RECOMMENDED GEOGRAPHY

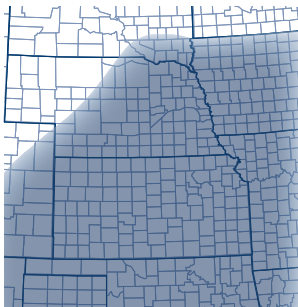


### 7900 AM™

#### AGRONOMICS

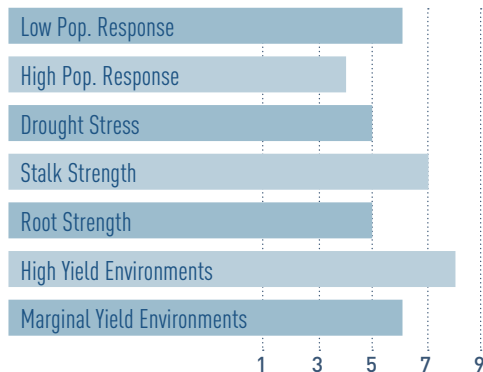


#### RECOMMENDED GEOGRAPHY

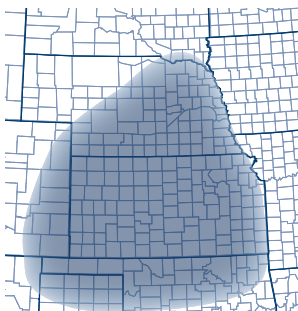


### 7921 Q™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY



#### 108RM – 2680 HEAT UNITS

- Good stress emergence
- Girthy ears
- Plant at moderate to aggressive planting populations

#### 109RM – 2600 HEAT UNITS

- Long track record for performance
- Best suited for fields with good soil moisture availability or irrigation
- Monitor for timely harvest



**Silage MAX**

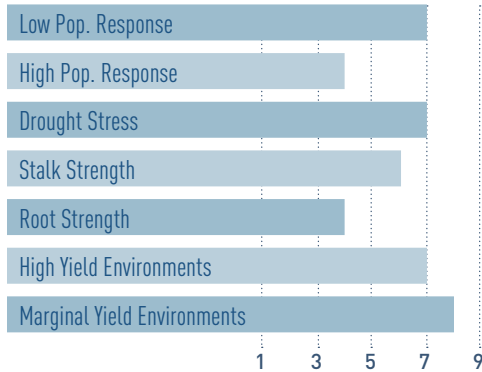
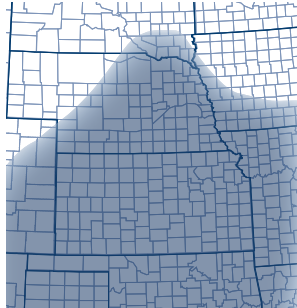
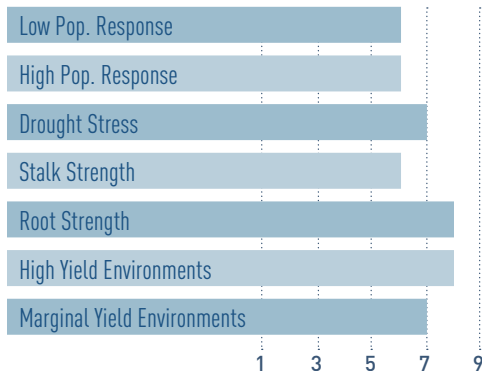
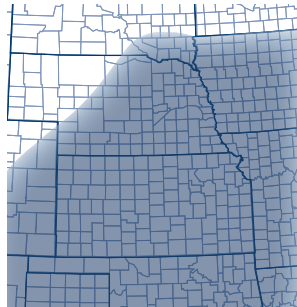
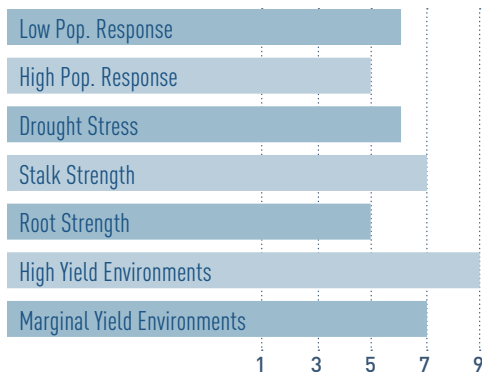
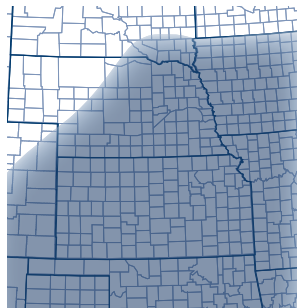
#### 109RM – 2650 HEAT UNITS

- Outstanding disease package for corn on corn acres
- Good greensnap tolerance
- Best performance on higher yielding irrigated acres
- Plant at moderate populations



**Silage MAX**



**7945™****7946 AM™****AGRONOMICS****RECOMMENDED GEOGRAPHY****7955 AML™****AGRONOMICS****RECOMMENDED GEOGRAPHY****7990 Q™****AGRONOMICS****RECOMMENDED GEOGRAPHY****109RM – 2530 HEAT UNITS**

- Good stress tolerance and yield potential
- Strong track record on challenging soil types
- Tall, attractive plant with large ears

**109RM – 2600 HEAT UNITS**

- Broadly adapted product with Optimum® AcreMax® Leptra® insect protection
- Strong root strength and good track record against greensnap
- Excellent tolerance to Goss's Wilt
- Heavy test weight

**109RM – 2630 HEAT UNITS**

- Great choice for corn on corn acres and any high yield environment
- Good late-season stalks
- Foliar fungicide recommended for maximum performance

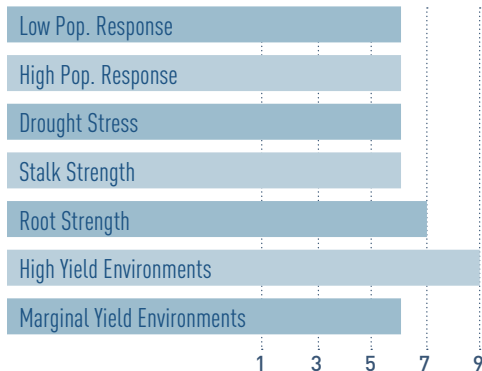
**Silage MAX**



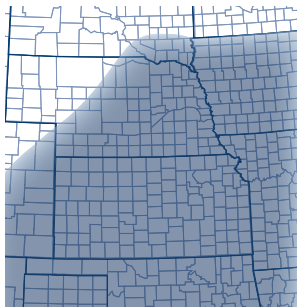


### 8009 AM™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY

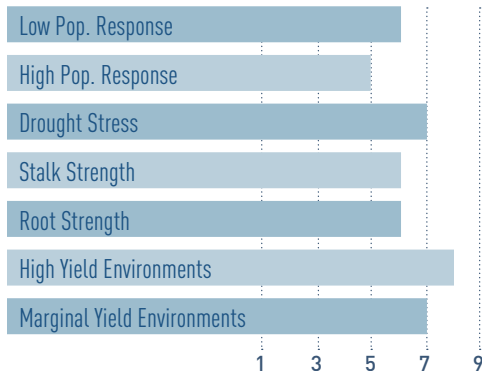


#### 110RM – 2630 HEAT UNITS

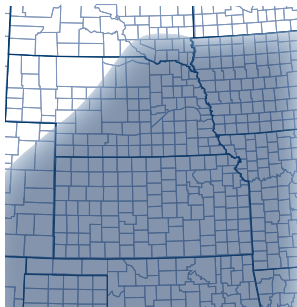
- Outstanding raw yield potential
- Good root strength
- Moderate stature
- Excellent fit for higher yielding acres

### NEW 8052 Q™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY



#### 110RM – 2600 HEAT UNITS

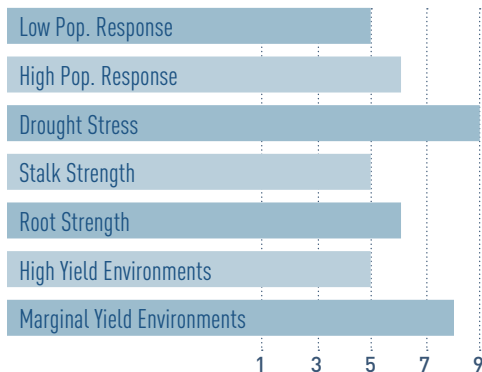
- New Qrome® hybrid with yield potential and agronomics that fit a broad area
- Good stress emergence for corn on corn
- Moderate stature and good standability

### 8064™

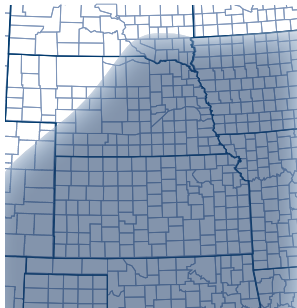
### 8065 RR™

### 8066 AM™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY



#### 110RM – 2600 HEAT UNITS

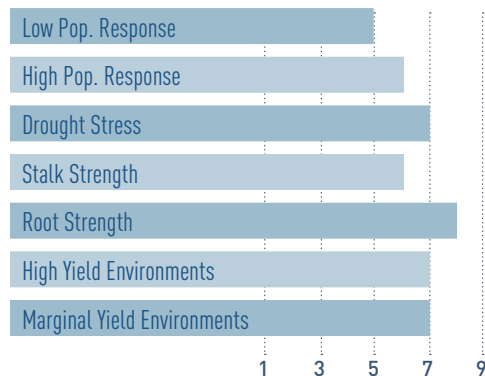
- Proven genetic platform powered by Optimum® AQUAmax® technology
- Handles drought and heat
- Fast drydown at harvest time



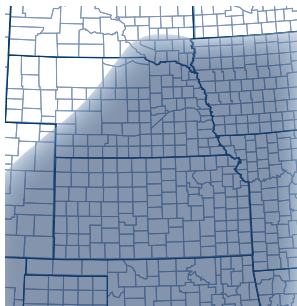


## 8073 Q™

### AGRONOMICS

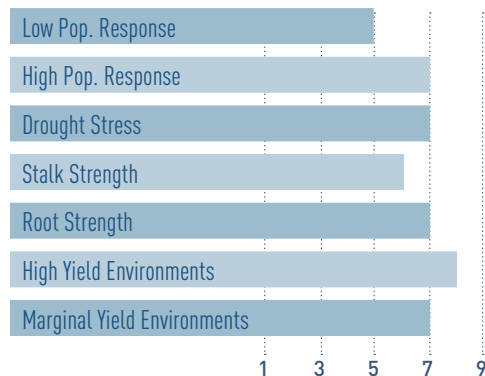


### RECOMMENDED GEOGRAPHY

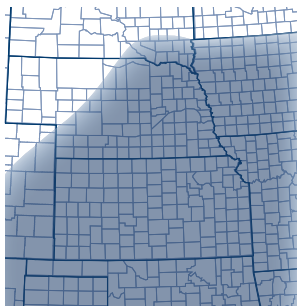


## 8084 AM™ 8085 Q™

### AGRONOMICS

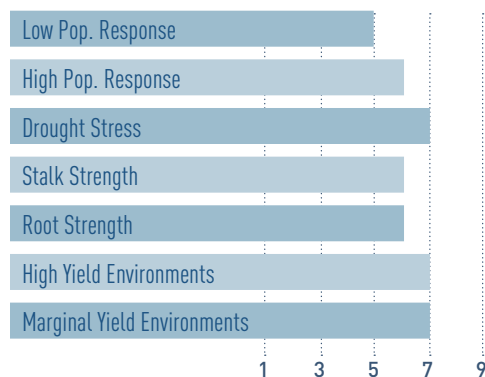


### RECOMMENDED GEOGRAPHY

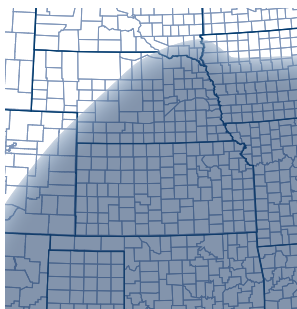


## 8104 AM™ 8106 Q™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY



### 110RM – 2650 HEAT UNITS

- Qrome® triple stack product with excellent standability
- Stable performer
- Heavy test weight
- Newly approved for food grade with Frito-Lay

### 110RM – 2650 HEAT UNITS

- Consistent performance from acre to acre
- Numerous wins in customer trials and independent trials
- Moderate stature with strong roots
- Good stress emergence and early season vigor

### 111RM – 2690 HEAT UNITS

- Versatile genetics with good overall agronomics and yield stability
- Medium statured plant
- Outstanding test weight

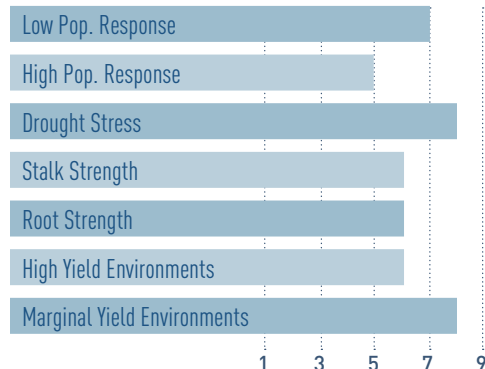




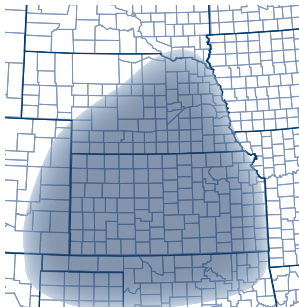


### 8140 SXRA™

#### AGRONOMICS

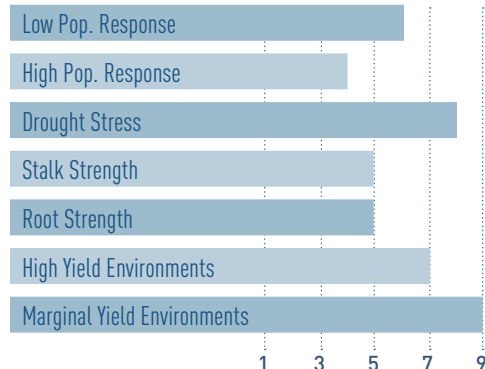


#### RECOMMENDED GEOGRAPHY

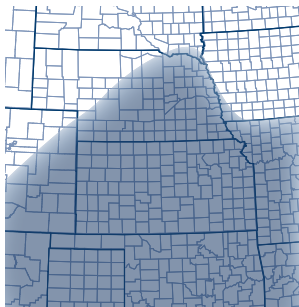


### NEW 8156 AM™

#### AGRONOMICS

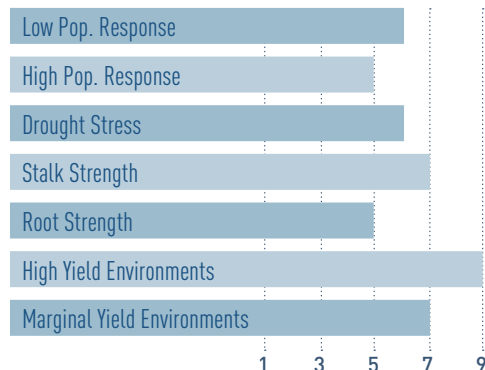


#### RECOMMENDED GEOGRAPHY

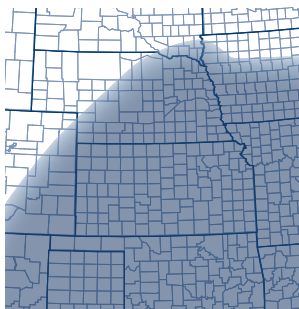


### 8188 Q™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY



### 111RM – 2680 HEAT UNITS

- Long track record in stress environments
- Good ear flex for lower planting populations in western areas
- Performs well on high pH soils

### 111RM – 2530 HEAT UNITS

- New level of yield potential for drought-prone acres in the western corn belt
- Very good ear flex potential
- Solid disease package
- Maintains plant height and ear height under stress

### 111RM – 2730 HEAT UNITS

- Western-adapted Qrome® product
- Outstanding yield track record
- Ideal agronomic package for corn on corn and high residue fields
- Good stress emergence



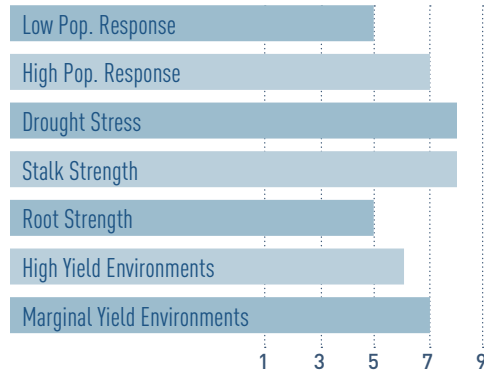
**Silage MAX**



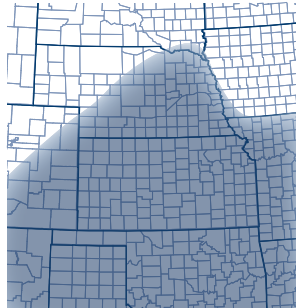


## 8217 AM™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY

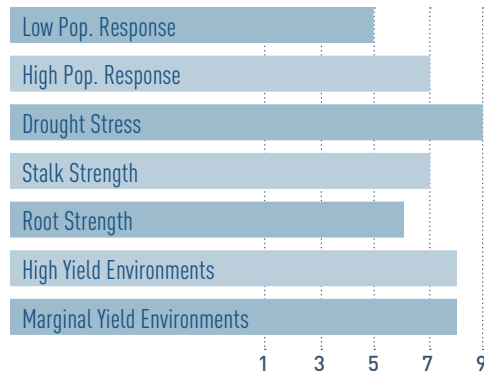


### 112RM – 2630 HEAT UNITS

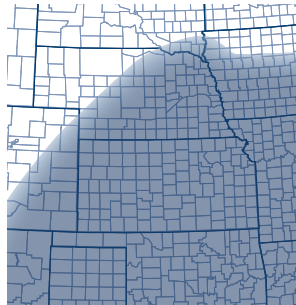
- Very good drought tolerance
- Good stalk strength
- Early flowering and heat tolerance for southern movement

## 8231™ 8233 AM™ 8235 Q™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY



### 112RM – 2630 HEAT UNITS

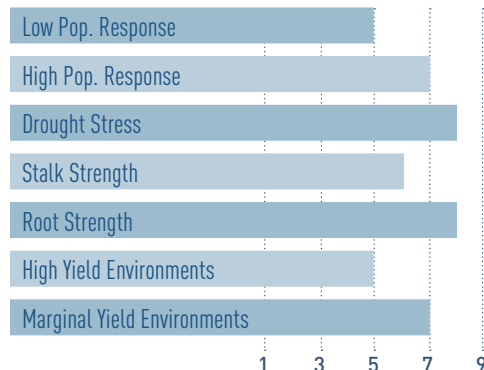
- Elite genetics with maximum versatility
- Optimum® AQUAmax® drought tolerance
- Good top-end yield ability
- Excellent standability
- Heavy test weight with Food Grade opportunities



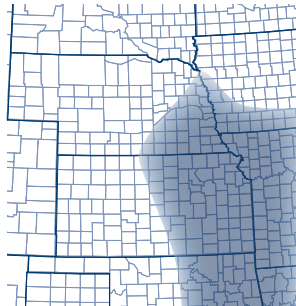
**Silage MAX**

## 8239 AM™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY



### 112RM – 2710 HEAT UNITS

- Workhorse with good southern and southeastern performance
- Above-average Gray Leaf Spot tolerance
- Solid track record under drought

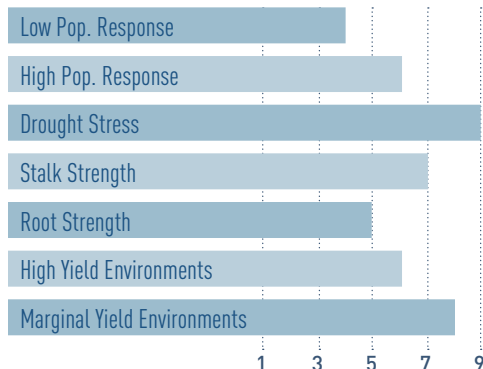




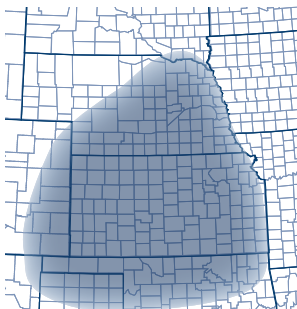


### 8255 AM™

#### AGRONOMICS

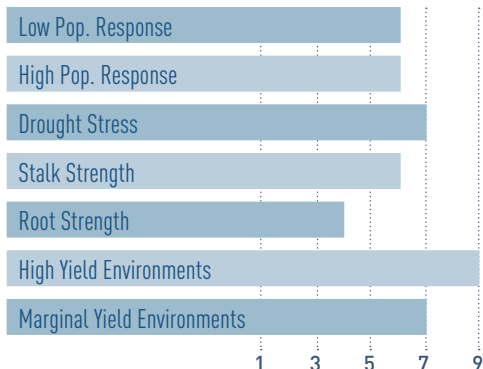


#### RECOMMENDED GEOGRAPHY

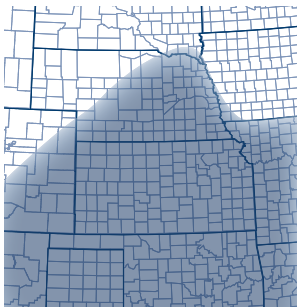


### 8268 Q™

#### AGRONOMICS

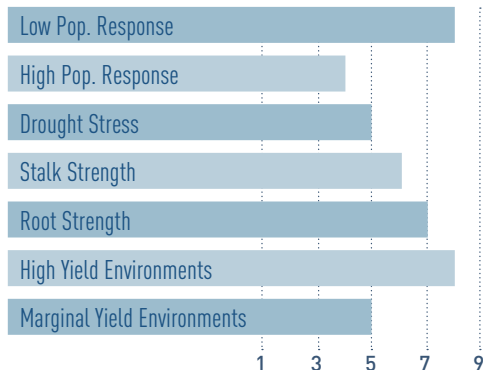


#### RECOMMENDED GEOGRAPHY

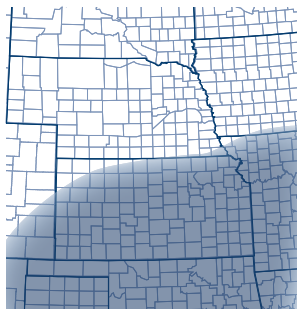


### 8296 AML™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY



#### 112RM – 2630 HEAT UNITS

- Proven Optimum® AQUAmax® product for Nebraska and Kansas
- Fills ear out to the tip under a wide range of conditions
- Western adaptation features strong greensnap tolerance

#### 112RM – 2660 HEAT UNITS

- High top-end yield potential with some placement considerations
- Agronomic features include drought tolerance and a strong fungal disease package
- Avoid fields prone to root-lodging and Bacterial Leaf Streak

#### 112RM – 2730 HEAT UNITS

- Racehorse style product for fields with high productivity and good moisture availability
- Girthy ear with excellent flex and large kernels
- Below average tolerance to greensnap during periods of rapid growth
- Performs best at lower to moderate planting populations



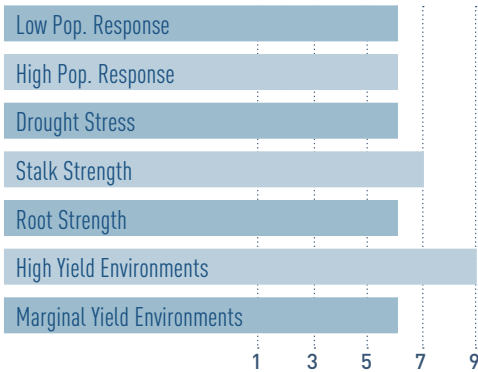
**Silage MAX**



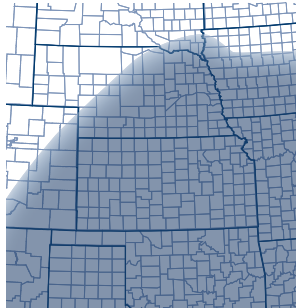


## NEW 8303 AM™

### AGRONOMICS

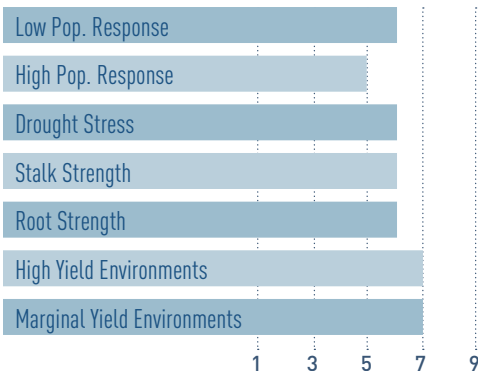


### RECOMMENDED GEOGRAPHY

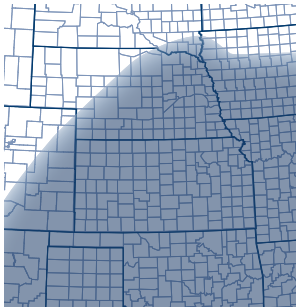


## 8338 SXRA™ NEW 8339 SXE™

### AGRONOMICS

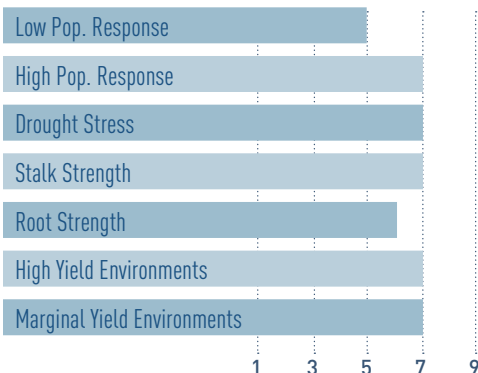


### RECOMMENDED GEOGRAPHY

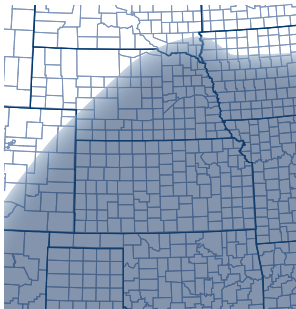


## 8348 PWRA™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY



### 113RM – 2780 HEAT UNITS

- Exciting new hybrid with high yield potential and moderate plant stature
- Strong roots and late-season stalks
- Heavy test weight and attractive grain

### 113RM – 2730 HEAT UNITS

- Attractive, healthy hybrid with good disease tolerance
- Strong out of the ground
- 8339 SXE provides added herbicide options through the Enlist™ Corn system

### 113RM – 2700 HEAT UNITS

- Consistent performer and broadly adapted
- Excellent stress emergence
- Responds favorably to a foliar fungicide



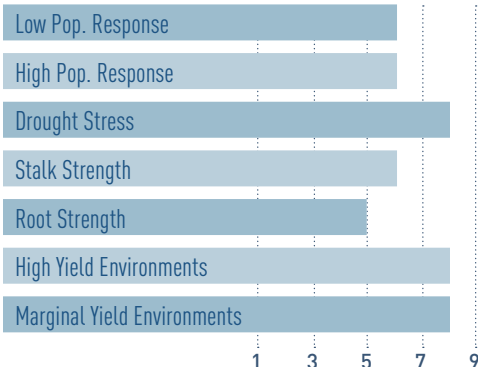


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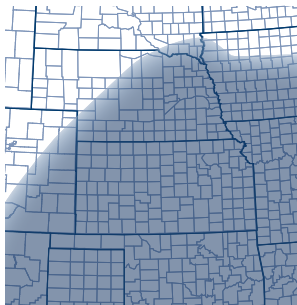
**8370 AM™**

**8371 AML™**

### AGRONOMICS



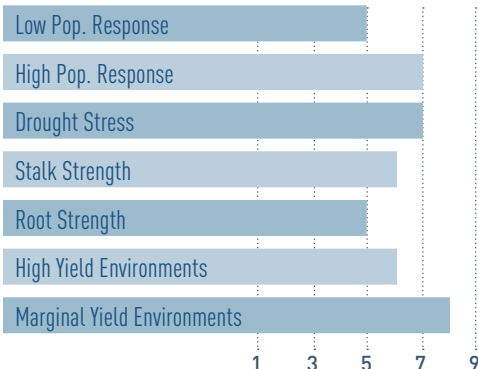
### RECOMMENDED GEOGRAPHY



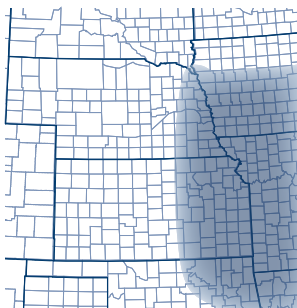
**8381™**

**8382 AM™**

### AGRONOMICS

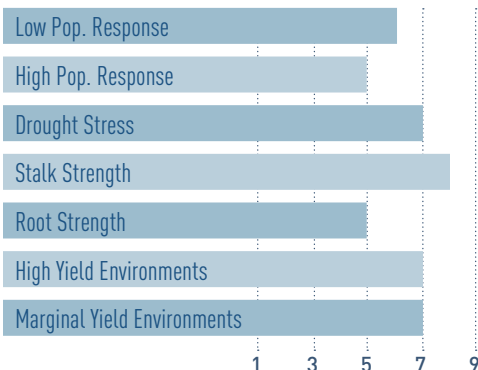


### RECOMMENDED GEOGRAPHY

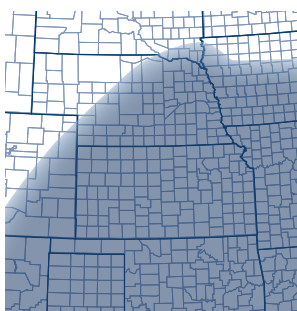


**8414 AM™**

### AGRONOMICS



### RECOMMENDED GEOGRAPHY



### 113RM – 2680 HEAT UNITS

- Versatile genetic family
- Good ear flex and drought tolerance
- Attractive, healthy plant with excellent staygreen

### 113RM – 2810 HEAT UNITS

- Stable yielder in low to moderate yield environments
- Strong out of the ground
- Heavy test weight
- Avoid fields with a history of Goss's Wilt

### 114RM – 2730 HEAT UNITS

- Good overall disease package
- Excellent late season stalk strength
- Good staygreen



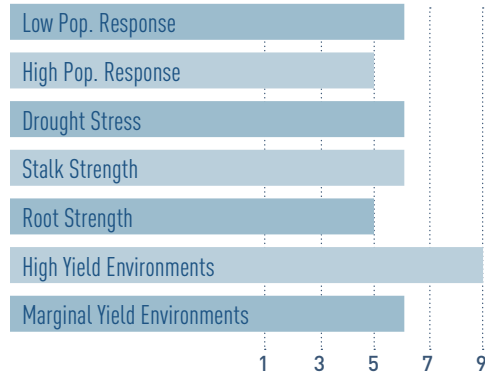
**Silage MAX**



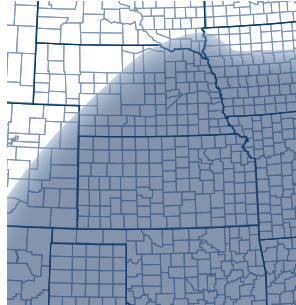


## 8447 AM™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY

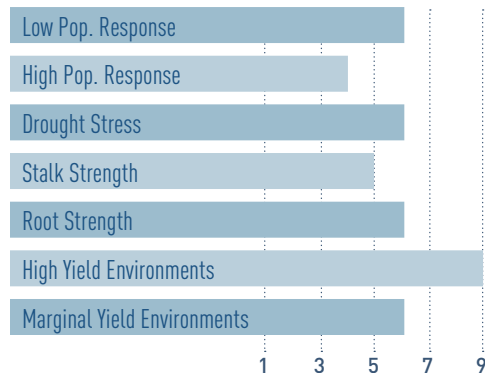


### 114RM – 2680 HEAT UNITS

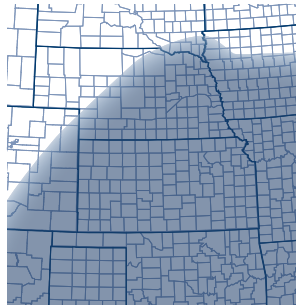
- Elite yield potential and strong agronomics makes this a Leader hybrid
- Starts strong with good stress emergence
- Finishes strong with excellent staygreen
- Attractive ears and grain

## NEW 8454 Q™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY

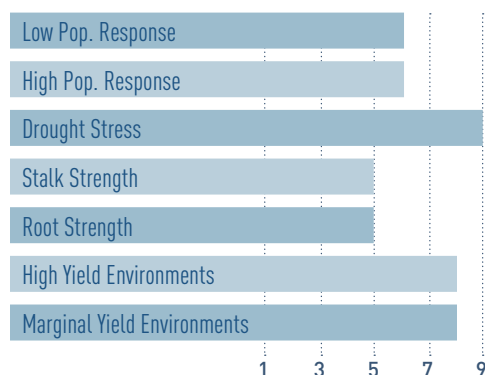


### 114RM – 2810 HEAT UNITS

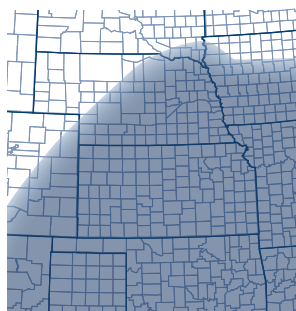
- New Grome® yield leader for high yield potential / high management acres
- Heavy test weight
- Avoid fields with a Goss's Wilt history
- Manage stalks for timely harvest

## 8490 AM™ 8491 Q™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY



### 114RM – 2600 HEAT UNITS

- Optimum® AQUAmax® drought tolerance with good overall versatility
- Consistent performer from low to high yield environments
- Great fit for western corn belt growing conditions



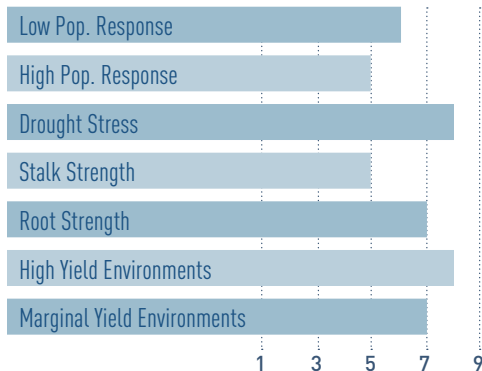




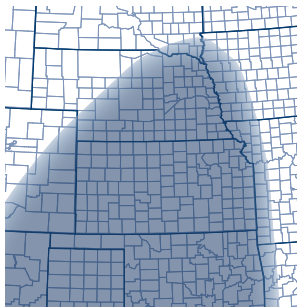
### 8511 AML™

### 8512 Q™

#### AGRONOMICS



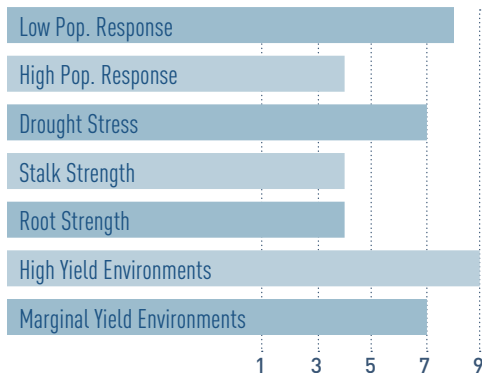
#### RECOMMENDED GEOGRAPHY



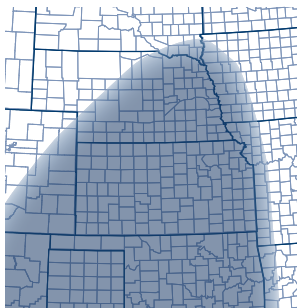
### 8529 AM™

### 8531 Q™

#### AGRONOMICS

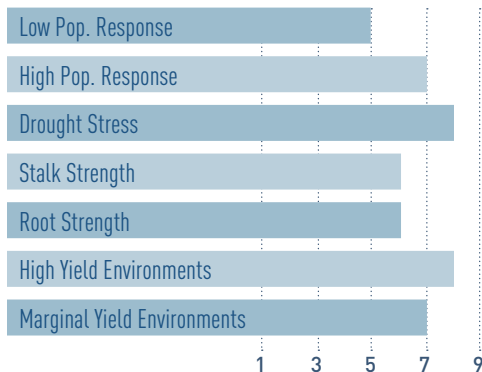


#### RECOMMENDED GEOGRAPHY

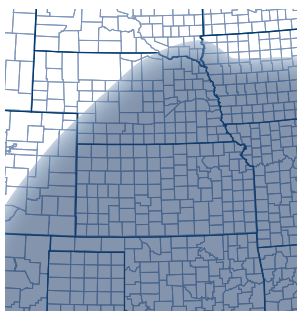


### NEW 8560 Q™

#### AGRONOMICS



#### RECOMMENDED GEOGRAPHY



#### 115RM – 2860 HEAT UNITS

- Western genetics available in two insect trait options
- Handles heat and drought stress
- Responds favorably to foliar fungicides and good fertility

#### 115RM – 2700 HEAT UNITS

- Yield leader
- Top choice for irrigated and better dryland fields
- Monitor late stalks for timely harvest



### Silage MAX

#### 115RM – 2860 HEAT UNITS

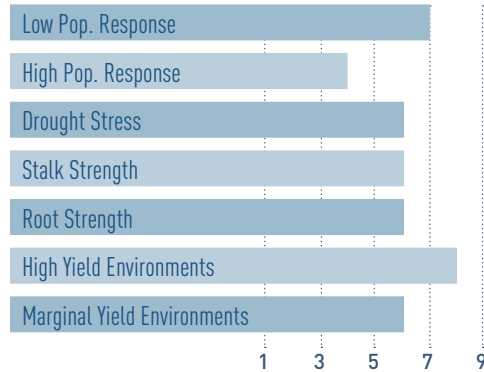
- New 115 RM Grome® hybrid that works over a broad area
- Very good drought tolerance and overall standability
- Good Goss's Wilt and Northern Leaf Blight tolerance
- Heavy test weight



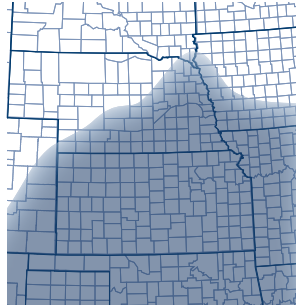


## 8637 Q™

### AGRONOMICS

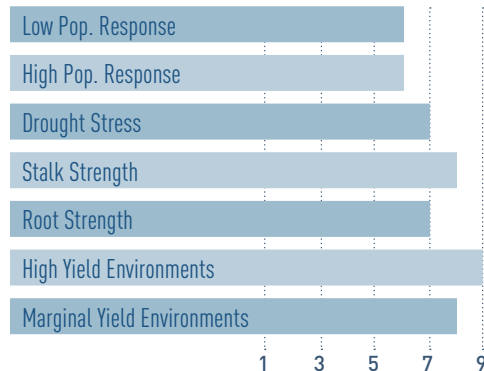


### RECOMMENDED GEOGRAPHY

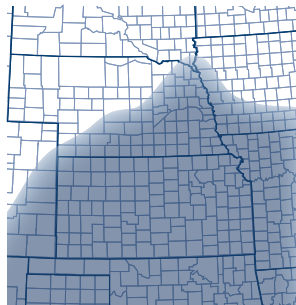


## 8707 AM™

### AGRONOMICS

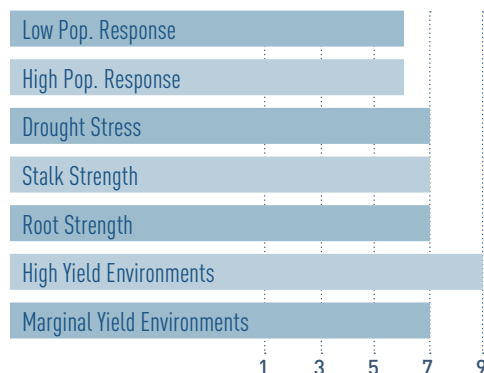


### RECOMMENDED GEOGRAPHY

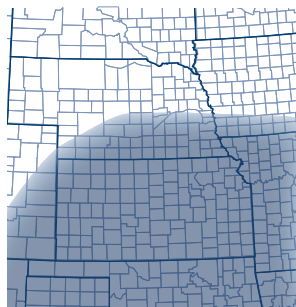


## 8750 AML™

### AGRONOMICS



### RECOMMENDED GEOGRAPHY



### 116RM – 2680 HEAT UNITS

- Full-season Qrome® hybrid with Dual Purpose grain/silage potential
- Good Goss's Wilt tolerance for corn on corn acres
- Heavy test weight



**Silage MAX**

### 117RM – 2830 HEAT UNITS

- Versatile full-season hybrid that works from marginal to high yield environments
- Excellent standability package
- Outstanding dual purpose hybrid for grain or silage



**Silage MAX**

### 117RM – 2830 HEAT UNITS

- Optimum® AcreMax® Leptra® hybrid with a strong agronomic package
- Tall product with dual purpose silage utility
- Good heat and stress tolerance



**Silage MAX**







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With Granular Insights, you can leverage precision data all season long, helping you make informed decisions, boost yields and protect your bottom line. Compare yield and profitability, product-by-product. Apply agronomic and financial map layers zone-by-zone. And reap more rewards from your hard work — by eliminating guesswork.

Contact your Hoegemeyer dealer today for more information.





A photograph of several young soybean plants growing in a field. The plants are small, with green leaves and thin stems, emerging from dark brown soil. The background is blurred, showing more plants and foliage. The text "SOYBEAN VARIETIES" is overlaid in the bottom right corner in a bold, white, sans-serif font.

# ***SOYBEAN VARIETIES***



# THE HOEGEMEYER SOYBEAN NAMING SYSTEM

# 2763 E

The first two numbers indicate relative maturity. 27 = 2.7 maturity

The second two numbers denote the specific variety.

This denotes the trait suffix. Please see legend for specific variety options.

## Trait Suffix Legend:

N = Soybean Cyst Nematode (SCN) resistance\*  
S = STS® herbicide tolerant trait  
B = Next generation sulfonylurea herbicide tolerance (BOLT®)  
LL = LibertyLink® (appears as a prefix in variety name)  
X = Roundup Ready 2 Xtend®  
E = Enlist E3™  
SE = Enlist E3™/STS® herbicide tolerant trait

*\* Starting with Enlist E3, all new soybean traits will not use the N designation for SCN resistance. Please refer to the characteristics chart for SCN status.*

## SOYBEAN SEED TREATMENT



**Provides excellent protection** from sudden death syndrome and soybean cyst nematode

## PERFORMANCE THROUGH PROTECTION

- **High rate of multiple fungicides** for wide-range control of early season seed & seedling diseases
- **Systemic control** of early season seed & seedling attacking insects
- **Unique biological** for seedling root growth stimulation and enhanced nutrient availability
- **Lumisena®** fungicide for industry-leading control of Phytophthora





# ***ALL CROP. NO COMPROMISE.***



HERE'S TO RAISING THE BAR WITHOUT  
SACRIFICING WEED CONTROL OR YIELD.

You can have it all. Hoegemeyer brand Enlist E3<sup>®</sup> soybeans are a game changer for the Western Corn Belt. Hand-selected with Hoegemeyer's local expertise to perform on your acres. It's just one more way that we're offering the best — and weeding out the rest.



To learn more about Hoegemeyer brand Enlist E3<sup>®</sup> soybeans, go to [THERIGHTSEED.COM](http://THERIGHTSEED.COM) or contact your local Hoegemeyer seed dealer.





# SOYBEAN RATINGS & CHARACTERISTICS

## SOYBEAN VARIETIES ENLIST E3®

BRAND Varieties	Page	Maturity	Traits	Plant Height	Plant Type	Emergence	Standability	Phytophthora Field Score	Phytophthora Gene	Sudden Death Syndrome	Iron Chlorosis (High pH)	White Mold	Brown Stem Rot	Cyst Resistance Source (SCN)
1231 E™	42	1.2	E3	5	5	7	7	6	None	4	5	4	4	PI88788
1583 E™	42	1.5	E3	3	5	7	7	5	Rps1k	7	5	6	9	PI88788
1903 E™	42	1.9	E3	5	7	8	7	4	Rps1k	6	5	5	7	Peking
1910 E™	42	1.9	E3	3	7	7	6	7	Rps1c,3a	5	6	2	4	PI88788
2123 E™	42	2.1	E3	5	5	8	7	4	Rps1k	5	6	4	7	Peking
2240 E™	42	2.2	E3	4	5	7	7	7	Rps1c,3a	5	4	3	9	PI88788
2421 E™	43	2.4	E3	5	6	7	7	6	Rps1k	4	6	3	4	Peking
2553 E™	43	2.5	E3	4	5	7	8	5	Rps1k	8	3	5	9	PI88788
2660 E™	43	2.6	E3	4	6	7	7	5	Rps1k	5	5	3	9	PI88788
2763 E™	43	2.7	E3	4	5	6	6	3	Rps1k	5	5	3	7	Peking
2820 E™	43	2.8	E3	4	6	7	7	4	None	4	5	4	4	PI88788
2831 E™	43	2.8	E3	6	5	7	6	5	Rps1a	5	3	2	4	PI88788
2970 E™	44	2.9	E3	5	6	7	7	6	Rps 1k	5	4	4	9	PI88788
3141 E™	44	3.1	E3	5	5	8	6	6	Rps1c	5	4	3	4	PI88788
3350 E™	44	3.3	E3	5	6	8	6	7	Rps1c	5	4	4	4	PI88788
3413 E™	44	3.4	E3	5	6	7	6	3	Rps1k	5	4	2	7	Peking
3591 E™	44	3.5	E3	4	5	8	7	6	Rps1k	5	4	4	9	PI88788
3731 E™	44	3.7	E3	4	5	8	7	5	None	5	4	2	4	PI88788
3921 E™	45	3.9	E3	3	5	6	7	5	None	7	4	3	9	PI88788
3953 E™	45	3.9	E3	5	4	7	7	5	Rps1k	5	5	NR	9	PI88788
4161 E™	45	4.1	E3	4	6	7	7	5	None	7	3	NR	9	PI88788
4123 E™	45	4.1	E3	3	5	6	6	4	None	6	3	NR	9	PI88788
4503 E™	45	4.5	E3	6	5	6	6	5	None	6	4	NR	4	PI88788
4516 SE™	45	4.5	E3, STS	4	5	7	7	5	None	5	5	NR	4	PI88788
4743 E™	46	4.7	E3	5	5	6	7	5	None	6	3	NR	4	PI88788
4921 SE™	46	4.9	E3, STS	4	6	6	6	5	Rps1k	4	3	NR	9	PI88788
5110 E™	46	5.1	E3	4	6	7	8	5	Rps1k	5	4	NR	9	PI88788





BRAND Varieties	Page	Maturity	Traits	Plant Height	Plant Type	Emergence	Standability	Phytophthora Field Score	Phytophthora Gene	Sudden Death Syndrome	Iron Chlorosis (High pH)	White Mold	Brown Stem Rot	Cyst Resistance Source (SCN)
2202 NX™	47	2.2	R2, X	5	5	7	7	5	Rps1k	6	6	6	7	PI88788
2781 NX™	47	2.7	R2, X	5	6	7	7	5	Rps1c	6	5	4	9	PI88788
3166 NX™	47	3.1	R2, X	3	6	7	8	5	Rps1k	8	4	6	9	PI88788
3650 NX™	47	3.6	R2, X	5	6	7	7	5	None	8	5	3	9	PI88788
3871 NX™	47	3.8	R2, X	6	6	7	7	5	Rps1c	6	4	4	9	PI88788
4051 NX™	47	4.0	R2, X	6	7	6	6	4	None	6	5	3	4	PI88788
4211 NX™	48	4.2	R2, X	5	7	7	5	5	Rps1k	6	2	4	4	PI88788
4969 NX™	48	4.9	R2, X	6	7	7	5	5	Rps1k	6	4	NR	4	PI88788
LL2221 N™	48	2.2	LL	6	6	8	7	6	Rps1c	5	4	4	9	PI88788
LL2641 N™	48	2.6	LL	4	6	7	8	4	Rps1K	7	5	5	7	Peking

SOYBEAN VARIETIES  
ROUNDUP READY 2 XTEND®

SOYBEAN VARIETIES  
LIBERTYLINK®  
TOLERANT

All ratings on a 1-9 scale  
with 9 being the best.  
NR = No Rating

Plant Type  
9 = Extremely Bushy  
1 = Very Narrow

Height Ratings  
1 = Very Short  
9 = Very Tall

New varieties in green

Herbicide tolerances	2,4-D choline Glufosinate Glyphosate	Dicamba Glyphosate	Glufosinate
Corresponding authorized herbicides	Enlist One® Enlist Duo®	Xtendimax® and Engenia® Tavium®	Liberty®
Application window in traited soybeans for corresponding authorized herbicides	No later than R1	R1 – Xtendimax, and Engenia V4 – Tavium <small>EPA application cutoff is June 30. Individual states may have earlier application cutoff dates.</small>	Up to bloom or R1



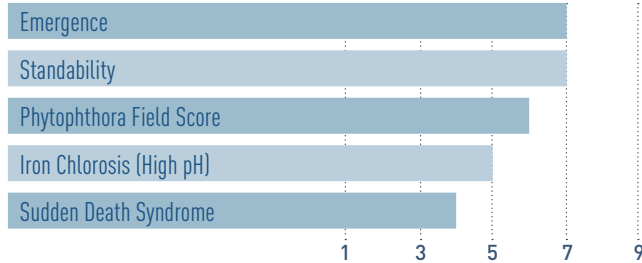


## NEW 1231 E<sup>™</sup>

### 1.2 RM

- Enlist E3<sup>®</sup> with solid defense for northern growing environments
- Very good Phytophthora Root Rot tolerance
- Strong iron deficiency chlorosis tolerance
- Good plant stature that stands in high yield environments but handles drought stress

#### AGRONOMICS

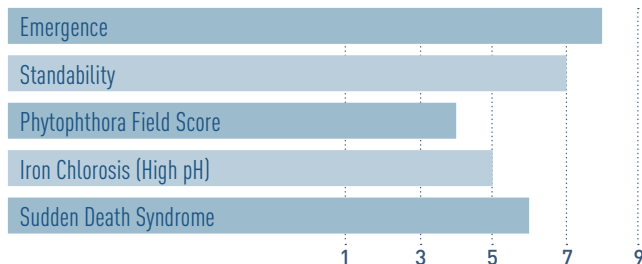


## NEW 1903 E<sup>™</sup>

### 1.9 RM

- Enlist E3<sup>®</sup> with premium genetics for yield and disease tolerance
- Peking SCN resistance with Rps1k Phytophthora gene
- Solid combination of good iron chlorosis, white mold, and SDS tolerance
- Full canopy with good plant height for tough soil conditions

#### AGRONOMICS

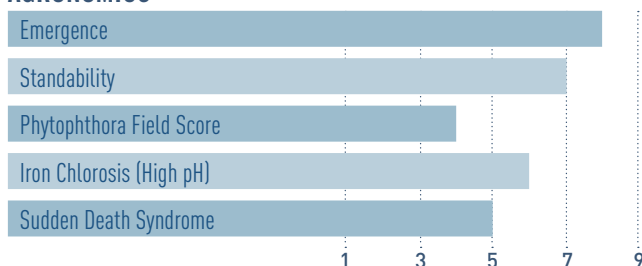


## NEW 2123 E<sup>™</sup>

### 2.1 RM

- Next Generation Enlist E3<sup>®</sup> with leading yield and disease package
- Peking SCN resistance with very good iron chlorosis tolerance
- Rps1k Phytophthora gene with good brown stem rot tolerance
- Widely adapted product that excels in high yield environments

#### AGRONOMICS

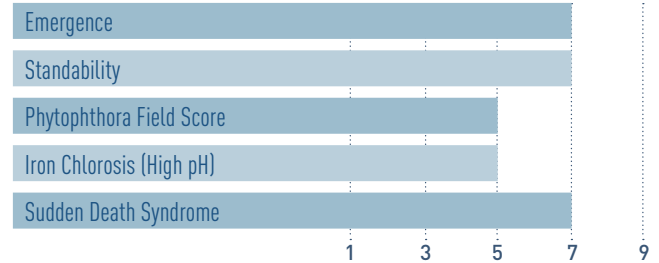


## NEW 1583 E<sup>™</sup>

### 1.5 RM

- Next Generation Enlist E3<sup>®</sup> with advanced yield and defensive characteristics
- Excellent performance in tough soybean growing environments
- Very good tolerance to white mold, brown stem rot, and sudden death syndrome
- Rps1k Phytophthora gene

#### AGRONOMICS

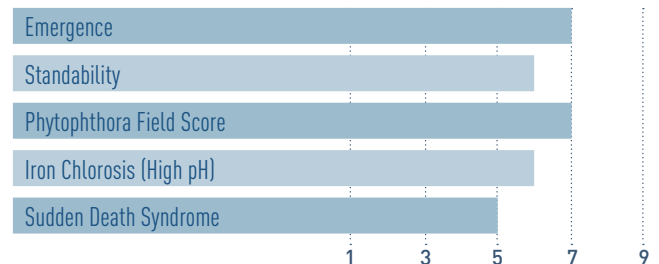


## 1910 E<sup>™</sup>

### 1.9 RM

- Strong performance for South Dakota and Northern Iowa
- Wide canopy that covers ground on marginal acres
- Stacked Phytophthora genes, Rps1c/3a
- Good tolerance to iron deficiency chlorosis

#### AGRONOMICS

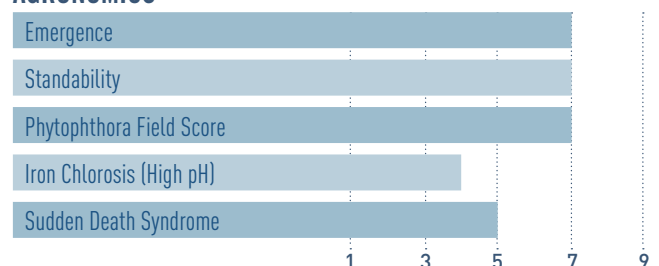


## 2240 E<sup>™</sup>

### 2.2 RM

- Good option for medium to heavy textured soils
- Rps1c/3a stacked Phytophthora genes
- Good tolerance to sudden death syndrome
- Very good tolerance to brown stem rot

#### AGRONOMICS







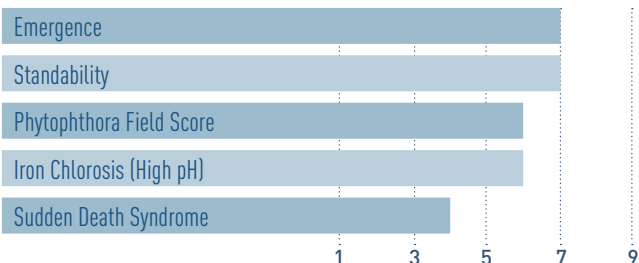
## 2421 E<sup>™</sup>

### 2.4 RM

- Enlist E3<sup>®</sup> with Peking SCN resistance
- Very good tolerance to iron deficiency chlorosis
- Rps1k Phytophthora gene
- Widely adapted product for South Dakota, Iowa, and Nebraska



#### AGRONOMICS



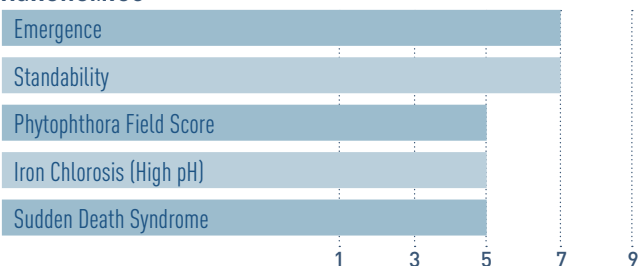
## 2660 E<sup>™</sup>

### 2.6 RM

- Enlist E3<sup>®</sup> yield leader for Iowa, Nebraska, and South Dakota
- Rps1k Phytophthora gene
- Very good tolerance to iron deficiency chlorosis
- Solid defense against sudden death syndrome



#### AGRONOMICS



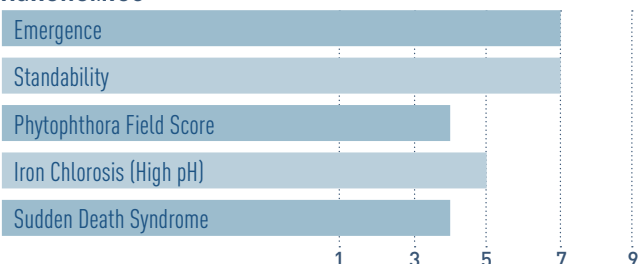
## 2820 E<sup>™</sup>

### 2.8 RM

- Consistent performance across the Western Cornbelt
- Good stress tolerance
- Solid SDS and white mold tolerance
- Good tolerance to iron deficiency chlorosis



#### AGRONOMICS



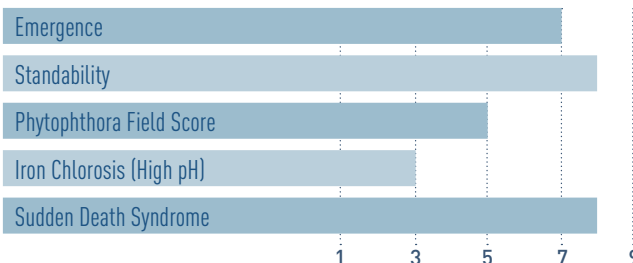
## NEW 2553 E<sup>™</sup>

### 2.5 RM

- Next Generation Enlist E3<sup>®</sup> mid group 2 yield leader
- Rps1k with very good tolerance to sudden death syndrome
- Good white mold tolerance and brown stem rot tolerance
- Excellent standability for high yield environments



#### AGRONOMICS



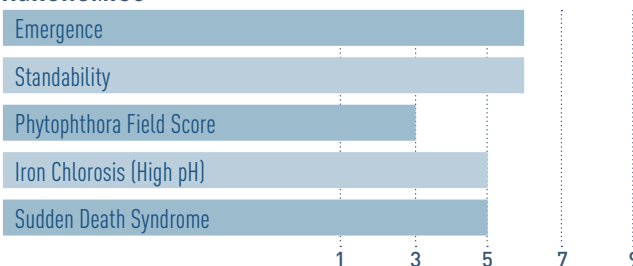
## NEW 2763 E<sup>™</sup>

### 2.7 RM

- Next Generation Enlist E3<sup>®</sup> with top yield potential
- Peking SCN resistance with good iron chlorosis tolerance
- Rps1k Phytophthora gene, with strong tolerance to brown stem rot and frogeye
- Widely-adapted product with big yield potential



#### AGRONOMICS



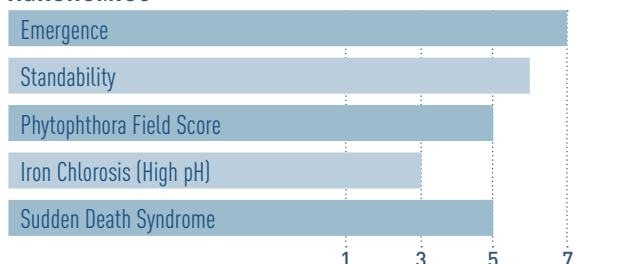
## 2831 E<sup>™</sup>

### 2.8 RM

- Enlist E3<sup>®</sup> yield leader for late group 2
- Good stress tolerance on marginal soils
- Medium canopy with above average plant height
- Offensive style product for high yield areas that handles stress



#### AGRONOMICS





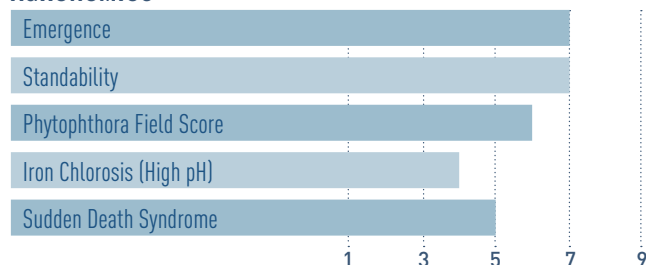
## 2970 E<sup>™</sup>

### 2.9 RM

- Enlist E3<sup>®</sup> with high performance across a wide geography
- Full canopy with good standability
- Rps1k Phytophthora gene with good tolerance
- Well adapted to variable soil types and row widths



#### AGRONOMICS



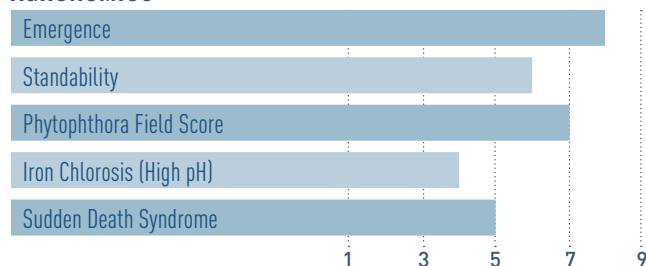
## 3350 E<sup>™</sup>

### 3.3 RM

- Strong yield performance with good defensive traits
- Rps1c Phytophthora gene with strong field tolerance
- Very good tolerance to sudden death syndrome
- Excellent tolerance to frogeye leaf spot



#### AGRONOMICS



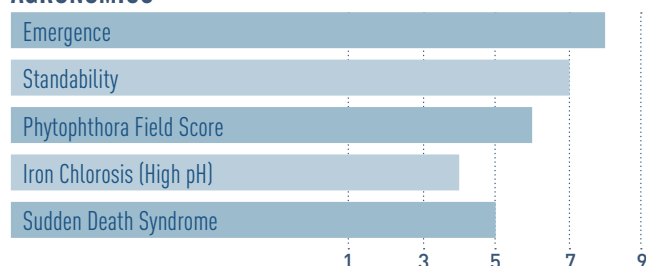
## 3591 E<sup>™</sup>

### 3.5 RM

- Enlist E3<sup>®</sup> yield leader for Iowa, Nebraska, Kansas, and Missouri
- Rps1k Phytophthora gene
- Good tolerance to sudden death syndrome
- Good performance for the eastern Hoegemeyer territory



#### AGRONOMICS



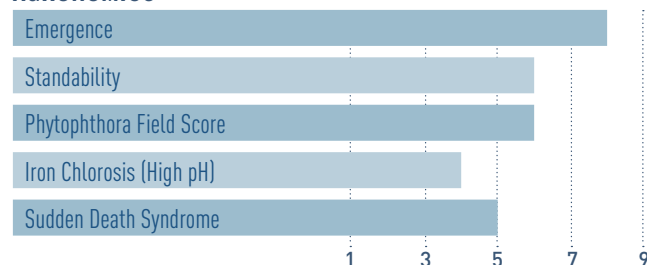
## 3141 E<sup>™</sup>

### 3.1 RM

- Enlist E3<sup>®</sup> yield leader for early group 3
- Rps1c Phytophthora gene
- Excellent emergence in cool soils
- Excellent tolerance to frogeye leaf spot



#### AGRONOMICS



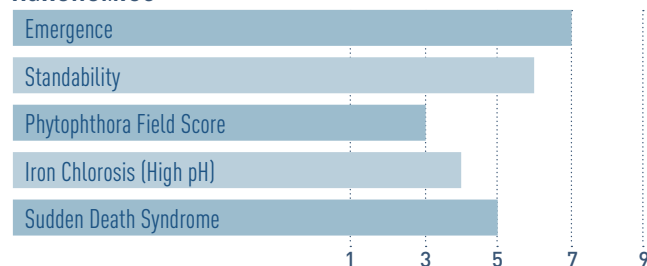
## NEW 3413 E<sup>™</sup>

### 3.4 RM

- Next Generation Enlist E3<sup>®</sup> with a strong disease package and big yield for western environments
- Peking SCN resistance with Rps1k Phytophthora gene
- Very good tolerance to brown stem rot and frogeye
- Maintains height under stress



#### AGRONOMICS



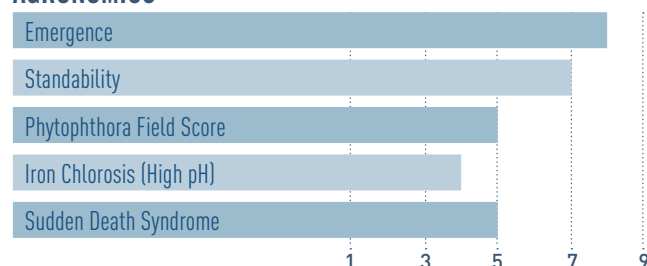
## 3731 E<sup>™</sup>

### 3.7 RM

- Enlist E3<sup>®</sup> with solid agronomic package
- Excellent emergence in cool soils
- Very good tolerance to frogeye leaf spot
- Solid tolerance to sudden death syndrome



#### AGRONOMICS







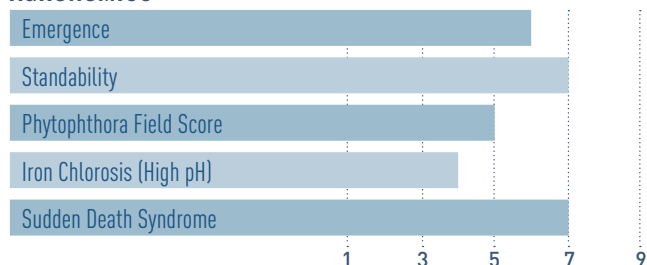
## 3921 E<sup>™</sup>

### 3.9 RM

- Excellent standability with medium plant height
- Good tolerance to sudden death syndrome
- Good tolerance to frogeye leaf spot
- Excels in high yield environments



#### AGRONOMICS



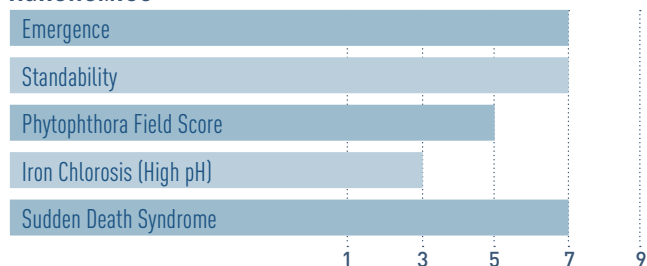
## 4161 E<sup>™</sup>

### 4.1 RM

- Enlist E3<sup>®</sup> that performs well on productive and marginal soils
- Very good tolerance to sudden death syndrome
- Very good tolerance to charcoal rot and stem canker
- Good tolerance to frogeye leaf spot



#### AGRONOMICS



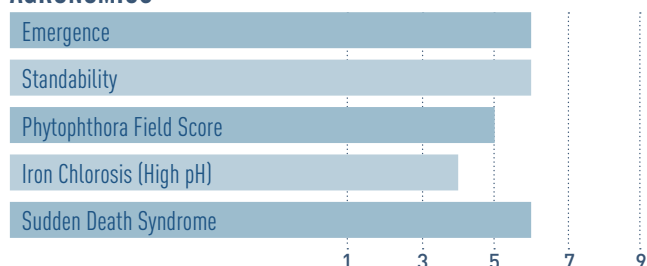
## NEW 4503 E<sup>™</sup>

### 4.5 RM

- Next Generation Enlist E3<sup>®</sup> built to handle western growing environments
- Full canopy with taller plant handles stress
- Salt excluder with good tolerance to high pH soils
- Solid agronomics to handle sudden death, stem canker, and charcoal rot



#### AGRONOMICS



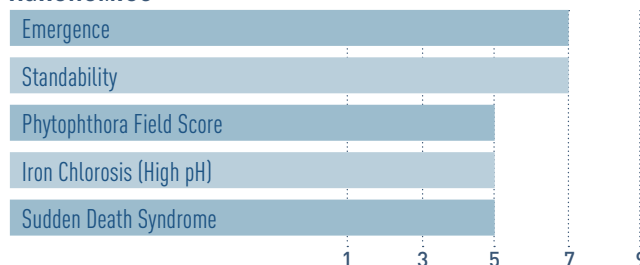
## NEW 3953 E<sup>™</sup>

### 3.9 RM

- Next Generation Enlist E3<sup>®</sup> with solid agronomic package and versatility
- Rps1k Phytophthora gene with very good tolerance to brown stem rot
- Performs well on high pH soils with good IDC tolerance
- Maintains height under stress



#### AGRONOMICS



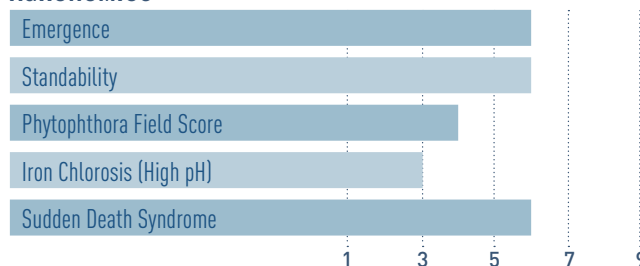
## NEW 4123 E<sup>™</sup>

### 4.1 RM

- Next Generation Enlist E3<sup>®</sup> yield leader for late 3 and early 4 maturity
- Maintains height and canopy coverage under stress
- Solid tolerance to sudden death syndrome and stem canker
- Performs well in high and low yield environments



#### AGRONOMICS



## 4516 SE<sup>™</sup>

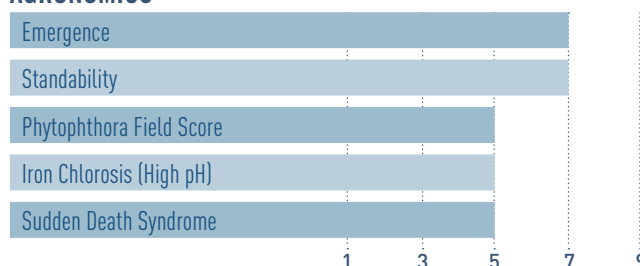
### 4.5 RM

- Enlist E3<sup>®</sup> stacked with STS herbicide tolerance
- Excellent tolerance to frogeye leaf spot
- Good tolerance to sudden death syndrome
- Medium height with good standability



**STS<sup>®</sup>**  
herbicide tolerant trait

#### AGRONOMICS





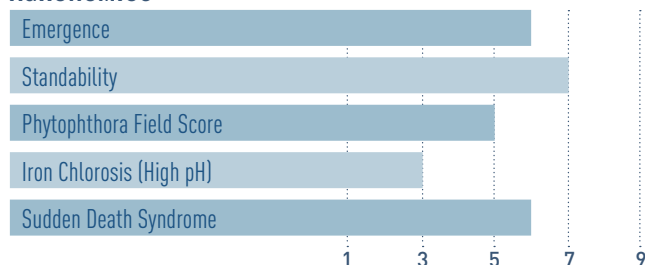
## NEW 4743 E<sup>™</sup>

### 4.7 RM

- Next Generation Enlist E3<sup>®</sup> that sets the new standard for late group 4
- Solid defensive package for sudden death syndrome, stem canker, and frogeye
- Robust plant type that maintains height and canopy under stress
- Intermediate salt excluder



#### AGRONOMICS



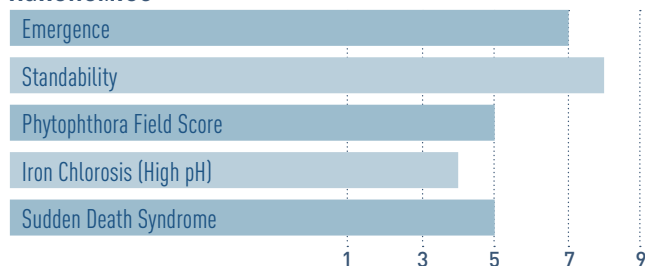
## 5110 E<sup>™</sup>

### 5.1 RM

- Enlist E3<sup>®</sup> with determinate plant type
- Rps1k Phytophthora gene
- Good tolerance to charcoal rot
- Good tolerance to sudden death syndrome



#### AGRONOMICS



## 4921 SE<sup>™</sup>

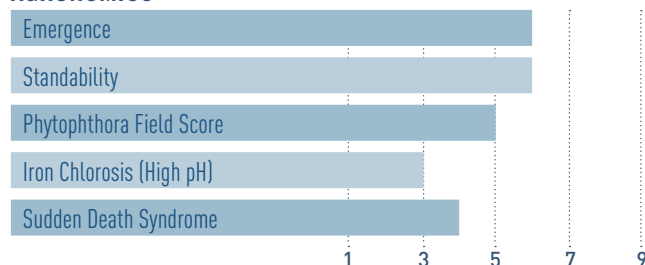
### 4.9 RM

- Enlist E3<sup>®</sup> stacked with STS herbicide tolerance
- Very good performance on marginal soils
- Above average canopy coverage with medium plant height
- Rps1k Phytophthora gene



**STS<sup>®</sup>**  
herbicide tolerant trait

#### AGRONOMICS







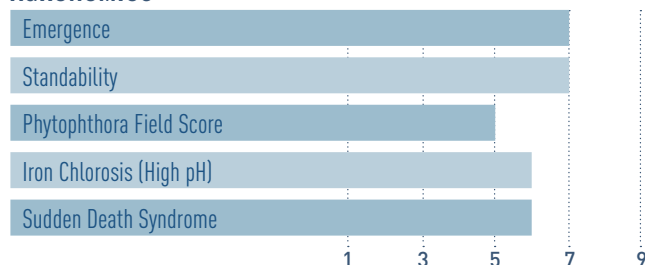
## 2202 NX<sup>™</sup>

### 2.2 RM

- Excellent harvest standability
- Above average white mold and IDC (iron chlorosis) tolerance
- Well adapted to variable soil types and row widths
- Proven performance in the Western Corn Belt



#### AGRONOMICS



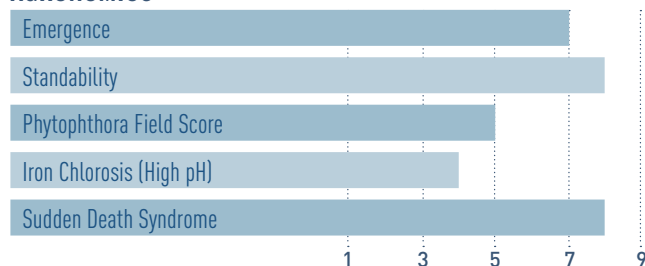
## 3166 NX<sup>™</sup>

### 3.1 RM

- Excellent standability on productive soils
- Very good tolerance to sudden death syndrome
- Rps1k Phytophthora gene
- Good top-end yield for irrigation



#### AGRONOMICS



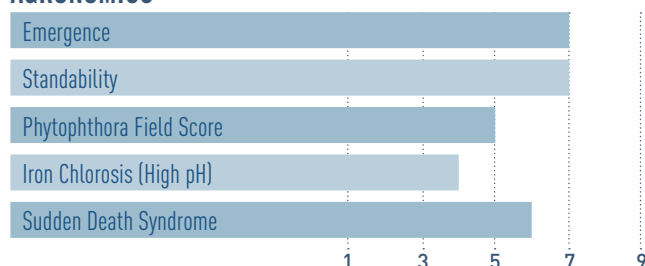
## 3871 NX<sup>™</sup>

### 3.8 RM

- Rps1c Phytophthora gene
- Nice balance between yield and defense
- Very good eastern movement
- High tolerance to brown stem rot



#### AGRONOMICS



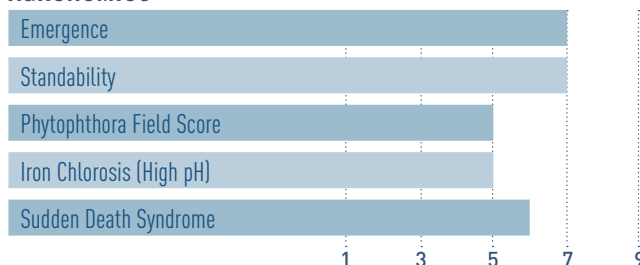
## 2781 NX<sup>™</sup>

### 2.7 RM

- Offensive yield punch for high yield environments
- Medium height with good standability
- Good Phytophthora protection with Rps1c
- High tolerance to brown stem rot



#### AGRONOMICS



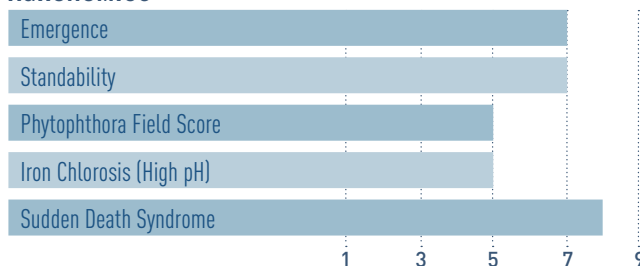
## 3650 NX<sup>™</sup>

### 3.6 RM

- Very good tolerance to sudden death syndrome
- High yield potential for productive soil types
- Good stress tolerance for marginal soils
- Versatile product that performs well on many soil types



#### AGRONOMICS



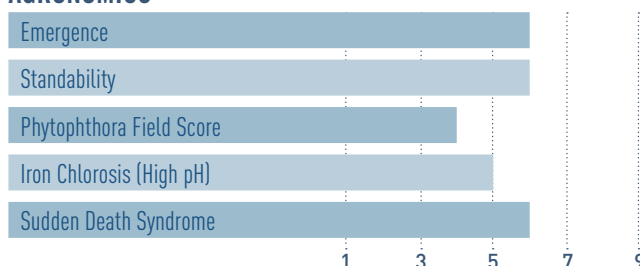
## 4051 NX<sup>™</sup>

### 4.0 RM

- Taller plant type with excellent row cover
- Above average tolerance to IDC (iron chlorosis)
- Western genetics with stress tolerance
- Salt excluder



#### AGRONOMICS







# SOYBEAN BRANDS WITH ROUNDUP READY 2 XTEND<sup>®</sup> TECHNOLOGY

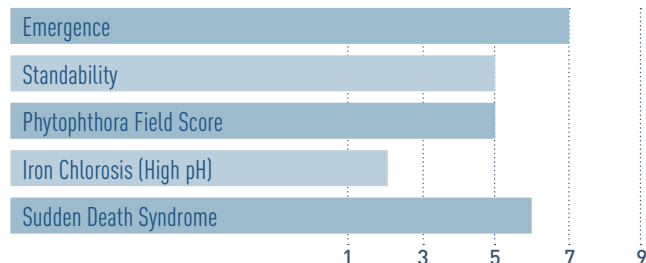
## 4211 NX<sup>™</sup>

### 4.2 RM

- Bushy plant with moderate height
- Good SDS tolerance
- May lodge some in highly productive yield environments
- Very good stress tolerance



### AGRONOMICS



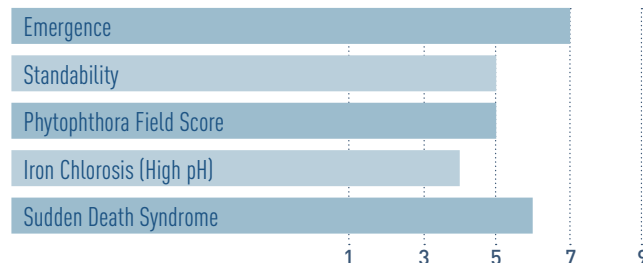
## 4969 NX<sup>™</sup>

### 4.9 RM

- Consistent product that handles stress
- Medium tall plant with good row cover
- Above average tolerance to saturated soils
- May lodge some in highly productive environments



### AGRONOMICS



# SOYBEAN BRANDS WITH THE LIBERTYLINK<sup>®</sup> GENE

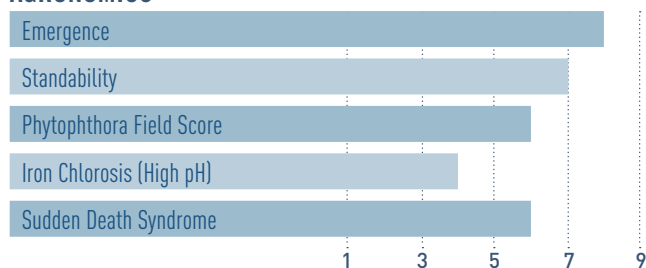
## LL2221 N<sup>™</sup>

### 2.2 RM

- Early group 2 LibertyLink<sup>®</sup> genetics with outstanding yield potential
- Very good emergence
- Excellent tolerance to brown stem rot
- Very good phytophthora field tolerance



### AGRONOMICS



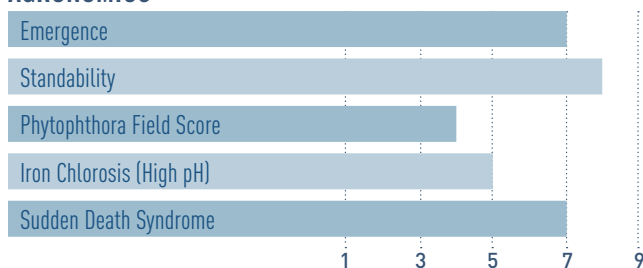
## LL2641 N<sup>™</sup>

### 2.6 RM

- LibertyLink<sup>®</sup> product with high yield and strong defense
- Peking SCN resistance
- Good tolerance to iron deficiency chlorosis
- Very good tolerance to sudden death syndrome



### AGRONOMICS







# ***SORGHUM VARIETIES***





# SORGHUM RATINGS & CHARACTERISTICS

## GRAIN SORGHUM

BRAND Hybrids	Days to Half Bloom	Relative Maturity Days	Grain Color	Height	Head Type	Head Exsertion	Stalk Strength	Root Strength	Head Smut North	Head Fusarium
H6020™	62	102	Red	6	6	5	7	8	9	4
H6025™	62	102	Red	5	5	5	7	7	NR	5
H6037™	63	103	Red	5	6	4	7	8	9	6
H6041™	64	104	White	6	5	4	6	7	NR	5
H6064™	66	109	Bronze	6	5	4	7	5	7	5
671™	68	112	Cream	7	7	6	6	6	9	5
H6098™	69	116	Red	6	5	4	7	8	9	4

Head type rating:  
1 = Compact  
10 = Open

Height type rating:  
1 = Shortest  
10 = Tallest

Root and Stalk Strength:  
1 = Poorest  
10 = Best

Head Exsertion:  
3-4 = Below Average  
5-6 = Average  
7-8 = Above-Average

Head Smut and Fusarium rating:  
1 = Worst  
9 = Best  
NR = No Rating

New varieties  
in green

### H6020™

#### EARLY TO MID-SEASON

- Slightly taller for maturity
- Good stalks and very good roots
- Adapts well to central and northwest Kansas
- Highly suitable to drought prone soils

### NEW H6025™

#### EARLY TO MID-SEASON

- Great drought tolerance in pre and post flower
- High yielding early maturity
- Exceptional test weight
- Moderate tolerance to SCA

### H6037™

#### EARLY TO MID-SEASON

- Competes for yield with mid-season hybrids
- Very good stalks
- Well-adapted for most of Kansas
- Highly suitable to drought prone soils

### H6041™

#### EARLY TO MID-SEASON

- High yielding to compete with full season hybrids
- Good drought stress tolerance
- Good test weight
- Fits dryland and irrigated acre

### H6064™

#### MEDIUM SEASON

- High yield potential mid-season hybrid
- Excellent for dryland in central Kansas
- Good stalks and drought scores
- CRM of 109 days

### H6098™

#### MEDIUM TO FULL SEASON

- High yield potential for maturity
- Suitable for dryland and irrigation
- Suitable for eastern Kansas and Missouri
- Good stalks and roots



BRAND Hybrids	Harvest Days from Planting	Plant Height*	Grain Color	Standability Rating**	Forage Sorghum Seeding Rates			FORAGE SORGHUM
					Average Seeds Per Pound	Planting Rate Seeds Per Acre	Planting Rate Pounds Per Acre	
F268 BMR™	105-110	6'-7'	Red	6	18 to 20K	40 to 75K	2 to 5 lbs	
F252 BMR™	85-90	6.5'-7'	Red	8	17 to 19K	50 to 90K	3 to 6 lbs	
Bale-All BMR™	70-80	8'-9'	Sterile	7	13 to 15K	50 to 90K	4 to 7 lbs	

\* Plant height will vary by planting dates and location \*\* Standability ratings based on a scale of 1-9, 9=Best

**F268 BMR™**
**F252 BMR™**

## MEDIUM TO FULL MATURITY

- Newest generation of BMR Forage Sorghum, that is a Brachytic Dwarf. Shorter internode length for increased standability and still makes tonnage of taller forages
- Benefits from lower stem lignin concentrations for high quality feed value
- Normally can be harvested 90 days for F252 BMR or 110 for F268 BMR after seeding. Protein content will decline as harvest is delayed, but energy will increase upon heading because of continued sugar formation in the plant

GRAZING NOT RECOMMENDED

**BALE-ALL BMR™**

## MEDIUM TO FULL MATURITY

- Sterile forage primarily used for swathing
- Produces very palatable, juicy stalks
- Taller plant height
- For top quality feed, swath when head is in the boot stage

BRAND Variety	Harvest Maturity	Forage Use	Drought Stress	Produces Grain Head	Sorghum Sudan Seeding Rates			SORGHUM X SUDANGRASS
					Average Seeds Per Pound	Planting Rate Seeds Per Acre	Planting Rate Pounds Per Acre	
BMR 2™	55-65 days to boot stage	Hay, graze, silage or green chop	Excellent	Yes, but harvest prior to heading	13 to 15K	120 to 180K	8 to 15 lbs	
Gainer™	70 days to boot stage	Hay, graze, silage or green chop	Excellent	Yes, but harvest prior to heading	19 to 21K	240 to 400K	12 to 20 lbs	

Planting rates will vary significantly in geographic areas.

**BMR 2™**

## MEDIUM MATURITY

- Significantly lower lignin from this BMR Sudan
- BMR2 has exceptional palatability
- Good regrowth makes this variety ideal for grazing
- BMR2 will form grain however protein will decrease
- Recommend harvest before grain fill in most areas

**GAINER™**

## MEDIUM TO FULL MATURITY

- Fine, sweet, very juicy stems, highly nutritious
- Wider leaves and longer than many other Sudan hybrids
- Very fast regrowth after cutting
- Exceptional heat and drought tolerance
- Excellent for rotational grazing





A close-up photograph of alfalfa leaves. The leaves are green and have a serrated or toothed edge. A central stem is visible, with several leaves branching out. The background is dark and out of focus.

# ***ALFALFA VARIETIES***





BRAND Variety	Fall Dormancy Rating	Winter Survival Rating	Yield Rating	Salt Tolerance	Phytophthora	Aphanomyces Race 1	Aphanomyces Race 2	Bacterial Wilt	Verticillium Wilt	Fusarium Wilt	Anthracnose	Pea Aphid	Stem Nematode	Multifoliolate Expression
463 RR™	4	2.0	High	NR	HR	R	R	HR	HR	HR	HR	R	HR	Low
Hi-Gest 360™	3	1.5	High	NR	HR	HR	HR	HR	HR	HR	HR	MR	HR	Moderate
Rugged™	3	1.0	Medium	T	HR	HR	MR	HR	HR	HR	HR	HR	MR	Low
457™	4	2.0	High	T	HR	HR	HR	HR	HR	HR	HR	R	R	Moderate
469™	4	1.5	High	NR	HR	HR	MR	HR	HR	HR	HR	MR	HR	Low

HR = High Resistance | MR = Moderate Resistance | R = Resistance | HT = High Tolerance | T = Tolerance | NR = No Rating

### 463 RR™

- Features the Roundup Ready Trait
- Fall Dormancy 4 with high yield potential
- Good overall disease package
- Not recommended for high salt soils

### HI-GEST 360™

- Produces high tonnage and high quality alfalfa
- Fall dormancy 3
- Medium tall plants with a high stem count and dense canopy
- Excellent overall disease package

### RUGGED™

- Tolerates grazing, compaction, and related production challenges
- Fall dormancy 3 with excellent winter hardiness
- Good tolerance for high salt/saline soils
- The most popular Hoegemeyer Alfalfa brand

### 457™

- Features Hi-Salt salinity tolerance
- Fall Dormancy 4 with top yield potential
- Aggressive seedling growth for rapid stand establishment
- Excellent forage quality

### 469™

- Best choice for aggressively managed alfalfa production
- Fall dormancy 4 with very high yield potential
- Very good winter hardiness
- Early maturing with fast regrowth after harvest



Roundup Ready® is a registered trademark used under license from Monsanto Company.

Do not export brand alfalfa seed or crops containing Roundup Ready® alfalfa technology including hay or hay products, to China pending import approval. In addition, due to the unique cropping practices, do not plant this product in Imperial County, California.

Always read and follow pesticide label directions. Alfalfa with the Roundup Ready® alfalfa technology, provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions. Glyphosate agricultural herbicides will kill crops that are not tolerant to glyphosate. ACCIDENTAL APPLICATION OF INCOMPATIBLE HERBICIDES TO THIS VARIETY COULD RESULT IN TOTAL CROP LOSS.





IMPORTANT: Characteristic scores provide key information useful in selecting and managing products in your area. Information and ratings are based on comparisons with other products sold by Hoegemeyer.

Information and scores are assigned by Hoegemeyer and are based on period-of-years testing through 2021 harvest, and were the latest available at time of printing. Some scores may change after 2022 harvest. Scores represent an average of performance data across areas of adaptation, multiple growing conditions, and a wide range of both climate and soil types, and may not predict future results. Individual product responses are variable and subject to a variety of environmental, disease and pest pressures. Please use this information as only one component of your product positioning decision.



**AM** - Optimum® AcreMax® Insect Protection system with YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax products.



**Leptra** - Optimum® AcreMax® Leptra® products with AVBL, YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borere refuge must be planted with Optimum AcreMax Leptra products.



**AMXT (Optimum® AcreMax® XTreme)** - Contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, a Bt trait, and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax XTreme products.



**Q (Qrome®)** - Qrome® products are approved for cultivation in the U.S. and Canada. They have also received approval in a number of importing countries, most recently China. For additional information about the status of regulatory authorizations, visit <http://www.biotradestatus.com/>



**SmartStax®** multi-event technology developed by Corteva Agriscience and Monsanto. ® SmartStax and the SmartStax Logo are registered trademarks of Monsanto Technology LLC. Always follow IRM, grain marketing and all other stewardship practices and pesticide label directions. B.t. products may not yet be registered in all states. Check with your seed representative for the registration status in your state. Always read and follow label directions.



**PowerCore®** multi-event technology developed by Corteva Agriscience and Monsanto. ® PowerCore is a registered trademark of Monsanto Technology LLC. Always follow IRM, grain marketing and all other stewardship practices and pesticide label directions. B.t. products may not yet be registered in all states. Check with your seed representative for the registration status in your state.



**HX1** - Contains the Herculex® I Insect Protection gene which provides protection against European corn borer, southwestern corn borer, black cutworm, fall armyworm, lesser corn stalk borer, southern corn stalk borer, and sugarcane borer; and suppresses corn earworm.



**LL** - Liberty®, LibertyLink® and the Water Droplet Design are registered trademarks of BASF.



**RR2** - Contains the Roundup Ready® Corn 2 trait that provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions. Roundup Ready® is a registered trademark used under license from Monsanto Company.



**Optimum® AQUAmax®** Product performance in water-limited environments is variable and depends on many factors such as the severity and timing of moisture deficiency, heat stress, soil type, management practices and environmental stress as well as disease and pest pressures. All hybrids may exhibit reduced yield under water and heat stress. Individual results may vary.



**Agrisure®** and **Agrisure Viptera®** are registered trademarks of, and used under license from, a Syngenta Group Company. Agrisure® technology incorporated into these seeds is



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Components of LumiGEN® technologies for soybeans are applied at a production facility, or by an independent sales representative of Corteva Agriscience or its affiliates. Not all sales representatives offer treatment services, and costs and other charges may vary. See your sales representative for details. Seed applied technologies exclusive to Corteva Agriscience and its affiliates.



The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies L.L.C. 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.



**ILeVO®** is a registered trademark of Bayer.



**DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO SOYBEANS WITH Roundup Ready 2 Xtend® technology unless you use a dicamba herbicide product that is specifically labeled for that use in the location where you intend to make the application. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION OF ANY DICAMBA HERBICIDE PRODUCT ON SOYBEANS WITH Roundup Ready 2 Xtend® technology, OR ANY OTHER PESTICIDE APPLICATION, UNLESS THE PRODUCT LABELING SPECIFICALLY AUTHORIZES THE USE.** 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 soybeans with Roundup Ready 2 Xtend® technology. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.

Soybeans with Roundup Ready 2 Xtend® technology contain genes that confer tolerance to glyphosate and dicamba. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba.

Roundup Ready 2 Xtend® is a registered trademark of Monsanto Technology LLC used under license



**BOLT:** Always follow stewardship practices in accordance with the Product Use Guide (PUG) or other product-specific stewardship requirements including grain marketing and pesticide label directions. Varieties with BOLT® technology provide excellent plant-back flexibility for soybeans following application of SU (sulfonyleurea) herbicides such as LeadOff® or Basis® Blend as a component of a burndown program or for double-crop soybeans following SU herbicides such as Finesse® applied to wheat the previous fall.



herbicide tolerant trait

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Corteva Agriscience policies regarding stewardship of those products. In line with these guidelines, our product launch process for responsible launches of new products includes a longstanding process to evaluate export market information, value chain consultations, and regulatory functionality. Growers and end-users must take all steps within their control to follow appropriate stewardship requirements and confirm their buyer's acceptance of the grain or other material being purchased. For more detailed information on the status of a trait or stack, please visit [www.biotradestatus.com](http://www.biotradestatus.com). Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

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