



85
YEARS
EST. 1937

OF THE RIGHT SEED



**2022
SEED
GUIDE**



FOR 85 YEARS,

**WE'VE HELPED FARMERS
GROW STRONGER YIELDS.
SEASON AFTER SEASON.**



HOEGEMEYER
THE RIGHT SEED.

THE WESTERN CORN BELT IS HOME AND WHERE WE'VE GROWN LASTING PARTNERSHIPS AND **DEEPER ROOTS.**

RIGHT HERE IS WHERE WE'VE HELPED FARMERS **GROW STRONGER** YIELDS, SEASON AFTER SEASON. AND THAT MOMENTUM WILL ONLY KEEP GOING.

WE'LL KEEP BRINGING IN THE BEST PRODUCTS AND PEOPLE, KEEP OUR CUSTOM RECOMMENDATIONS STRONG, AND KEEP OUR KNOW-HOW **LOCAL.**

WE'LL CONTINUE TO PARTNER WITH GROWERS FAR INTO THE FUTURE. EMBRACING THE YEARS THAT GOT US HERE AND **LOOKING AHEAD** FOR BOLDER, BETTER SOLUTIONS THAT ENSURE THAT

EVERY BAG OF HOEGEMEYER SEED ON YOUR FARM IS THE RIGHT SEED.

FOR RIGHT HERE.

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 expertise means access to some of the smartest minds in the field. Hoegemeyer agronomists are knowledgeable, skilled and committed to helping growers get the most yield potential out of every bag of seed. They're the ones who not only deal with challenges on the spot but can also anticipate them. It's not what we can do for this season, but for many seasons down the road.

3. SOLUTIONS FOR SUCCESS

At Hoegemeyer, you always get top of the line. That's because we have access to one of the world's largest store of genetics, germplasm and innovative trait technology. More hybrid and variety choices that thrive in the Western Corn Belt – all backed by the power of U.S.-based Corteva Agriscience.

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.



CORN HYBRIDS



THE RIGHT SEED FOR RIGHT HERE



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	<ul style="list-style-type: none"> ● 95% (RW, YGCB, HXX, LL, RR2) ● 5% (LL, RR2) 	Integrated refuge; no separate refuge required in the Corn Belt. Additional 20% corn borer refuge is required in EPA-designated cotton counties.	●	●		
	ABOVE/BELOW	<ul style="list-style-type: none"> ● 95% (RW, YGCB, HXX, LL, RR2) ● 5% (LL, RR2) 	Integrated refuge; no separate refuge required in the Corn Belt. Additional 20% corn borer refuge is required in EPA-designated cotton counties.	●	●		
	ABOVE/BELOW	<ul style="list-style-type: none"> ● 95% (VT2, HX1, VT3, HXRW, RR2) ● 5% (LL, RR2) 	Integrated refuge; no separate refuge required in the Corn Belt. Additional 20% corn borer refuge is required in EPA-designated cotton counties.	●	●		
	ABOVE/BELOW		20% structured refuge	●	●	●	●
	ABOVE	<ul style="list-style-type: none"> ● 95% (AVBL, YGCB, HX1, LL, RR2) ● 5% (LL, RR2) 	Integrated refuge; no separate refuge required in the Corn Belt.	●	●		
	ABOVE	<ul style="list-style-type: none"> ● 95% (YGCB, HX1, LL, RR2) ● 5% (LL, RR2) 	Integrated refuge; no separate refuge required in the Corn Belt.	●	●		
	ABOVE	<ul style="list-style-type: none"> ● 95% (VT2, HX1, RR2) ● 5% (LL, RR2) 	Integrated refuge; no separate refuge required in the Corn Belt.	●	●		
				●			
	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**



PERFORMANCE. PROVEN LOCALLY.

5.7 BU/A ADVANTAGE.

PLANT WITH CONFIDENCE.

Hoegemeyer brand Qrome[®] products had a 5.7 bu/a advantage in 4,694 comparisons across the Western Corn Belt. With industry-leading genetics, elite triple stack technology, and excellent insect protection and rootworm efficacy, the proof is in the yields.



To learn more and see this year's top-performing products, go to therightseed.com or contact your local Hoegemeyer seed dealer.



CORN RATINGS AND CHARACTERISTICS

TRIPLE STACKS
CORN ROOTWORM/CORN BORER PROTECTION

BRAND	Page	Tech Segment	MATURITY			PLANT CHARACTERISTICS								
			Relative Maturity	Flowering RIM	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™	-	Q, LL, RR2	91	89	2170	4	4	7	6	6	6	6	5	
6775 Q™	16	Q, LL, RR2	97	95	2360	5	5	7	5	5	6	6	5	
6814 AMXT™	17	AMXT, LL, RR2	98	100	2370	7	4	8	5	4	4	7	4	
7028 Q™	17	Q, LL, RR2	100	98	2450	5	6	6	7	5	5	5	7	
7089 AMXT™	18	AMXT, LL, RR2	100	101	2470	5	5	7	5	5	5	7	5	
7211 Q™	18	Q, LL, RR2	102	99	2460	6	8	5	6	5	4	7	6	
7404 Q™	19	Q, LL, RR2	104	102	2510	4	6	6	6	5	6	6	7	
7436 Q™	19	Q, LL, RR2	104	107	2550	5	5	6	7	7	7	7	5	
7558 AMXT™	20	AMXT, LL, RR2	105	106	2530	6	6	7	5	4	4	5	6	
7653 Q™	20	Q, LL, RR2	106	103	2540	6	6	6	6	5	5	6	6	
7692 Q™	20	Q, LL, RR2	106	110	2550	5	6	5	6	8	6	6	6	
7772 Q™	21	Q, LL, RR2	107	107	2590	5	7	5	6	5	5	6	6	
7818 AMXT™	21	AMXT, LL, RR2	108	107	2610	6	6	7	7	4	5	4	8	
7901 AMXT™	22	AMXT, LL, RR2	109	108	2630	5	6	6	6	5	6	8	4	
7921 Q™	22	Q, LL, RR2	109	111	2630	5	7	5	7	7	7	7	4	
7990 Q™	23	Q, LL, RR2	109	114	2630	5	7	5	5	6	6	6	5	
8073 Q™	25	Q, LL, RR2	110	113	2670	4	6	8	6	6	7	5	6	
8085 Q™	25	Q, LL, RR2	110	111	2650	6	6	7	6	5	6	5	7	
8097 SXE™	25	SXE	110	111	2650	5	4	5	7	6	7	7	4	
8097 SXRA™	25	SXRA	110	111	2650	5	4	5	7	6	7	7	4	
8106 Q™	26	Q, LL, RR2	111	113	2690	5	6	6	6	5	5	5	6	
8140 SXRA™	26	SXRA	111	112	2680	6	6	6	5	6	7	7	5	
8188 Q™	27	Q, LL, RR2	111	112	2700	6	7	5	7	6	6	6	5	
8235 Q™	27	Q, LL, RR2	112	108	2680	5	7	6	7	5	6	5	7	
8268 Q™	28	Q, LL, RR2	112	111	2660	6	6	4	6	7	6	6	6	
8338 SXRA™	29	SXRA	113	113	2730	6	6	6	7	7	8	6	5	
8364 AMXT™	29	AMXT, LL, RR2	112	111	2700	4	8	6	6	7	5	5	7	
8417 Q™	31	Q, LL, RR2	114	115	2760	5	8	5	6	7	5	6	5	
8491 Q™	31	Q, LL, RR2	114	111	2760	5	5	5	7	5	6	6	6	
8512 Q™	32	Q, LL, RR2	115	113	2770	4	5	7	6	5	5	6	5	
8519 Q™	32	Q, LL, RR2	115	115	2770	5	6	4	6	6	7	6	5	
8531 Q™	32	Q, LL, RR2	115	117	2790	5	4	4	6	7	6	8	4	
8637 Q™	32	Q, LL, RR2	116	114	2810	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



	Kernel Rows	Cob Color	STRESS AND DISEASE PACKAGE						HARVEST CHARACTERISTICS			END USE	BRAND
			Drought	Goss's Wilt	Gray Leaf Spot	Northern Leaf Blight	Anthraco-nose 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	7	7	4	4	4	5	6	6	7	YES	6775 Q™
	14-18	PINK	8	6	5	4	5	6	4	4	6	NO	6814 AMXT™
	14-18	PINK	8	7	5	5	3	5	5	6	4	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™
	14-16	PINK	8	7	5	5	4	5	5	6	5	NO	7558 AMXT™
	16-20	RED	7	5	5	5	4	5	6	6	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™
	14-18	RED	9	6	5	5	3	5	6	6	5	NO	7818 AMXT™
	16-18	WHITE	7	5	4	5	4	5	6	6	4	YES	7901 AMXT™
	16-18	RED	5	7	6	6	6	5	8	6	4	YES	7921 Q™
	16-20	PINK	6	6	5	4	6	5	7	6	5	YES	7990 Q™
	16-18	WHITE	7	6	4	4	6	4	7	8	6	NO	8073 Q™
	18-20	RED	7	7	5	5	5	6	5	6	7	NO	8085 Q™
	16-18	RED	6	6	6	6	NR	6	5	4	6	NO	8097 SXE™
	16-18	RED	6	6	6	6	NR	6	5	4	6	NO	8097 SXRA™
	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	4	6	7	4	6	NO	8338 SXRA™
	16-18	RED	8	6	5	5	6	5	7	6	6	YES	8364 AMXT™
	16-20	PINK	7	7	5	6	4	5	8	5	8	YES	8417 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™
	16-18	RED	6	7	6	6	4	6	7	6	5	YES	8519 Q™
	16-20	RED	7	6	5	4	4	5	5	5	6	YES	8531 Q™
	16-18	RED	6	7	6	3	3	4	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 AND 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	
6334 AM™	16	AM, LL, RR2	93	91	2220	6	5	6	5	6	6	5	6	
6620 AM™	16	AM, LL, RR2	96	98	2350	5	8	7	5	7	7	6	7	
6813 AM™	17	AM, LL, RR2	98	100	2370	7	4	8	5	4	4	7	4	
6850 AM™	17	AM, LL, RR2	98	98	2370	5	7	6	5	4	4	6	6	
7027 AM™	17	AM, LL, RR2	100	98	2450	5	6	6	7	5	5	5	7	
7088 AM™	18	AM, LL, RR2	100	101	2470	5	5	7	5	5	5	7	5	
7209 AM™	18	AM, LL, RR2	102	99	2460	6	8	5	6	5	4	7	6	
7224 AM™	18	AM, LL, RR2	102	101	2460	6	6	6	7	5	5	6	6	
7322 AML™	19	AML, LL, RR2	103	103	2490	4	6	7	6	5	6	5	7	
7402 AM™	19	AM, LL, RR2	104	102	2510	4	6	6	6	5	6	6	7	
7434 AM™	19	AM, LL, RR2	104	107	2550	5	5	6	7	7	7	7	5	
7869 AM™	21	AM, LL, RR2	108	111	2620	6	6	7	6	5	5	5	6	
7886 AM™	22	AM, LL, RR2	108	111	2620	6	6	5	5	5	7	5	7	
7900 AM™	22	AM, LL, RR2	109	108	2630	5	6	6	6	5	6	8	4	
7946 AM™	23	AM, LL, RR2	109	109	2630	5	6	4	5	7	7	7	4	
7955 AML™	23	AML, LL, RR2	109	109	2630	5	6	8	7	5	5	6	6	
8009 AM™	24	AM, LL, RR2	110	105	2620	5	6	7	6	4	5	6	6	
8028 AM™	24	AM, LL, RR2	110	111	2670	4	6	5	7	6	5	5	6	
8066 AM™	24	AM, LL, RR2	110	108	2650	5	5	6	5	5	5	5	6	
8084 AM™	25	AM, LL, RR2	110	111	2650	6	6	7	6	5	6	5	7	
8104 AM™	26	AM, LL, RR2	111	113	2690	5	6	6	6	5	5	5	6	
8175 AM™	26	AM, LL, RR2	111	111	2690	5	7	7	7	5	5	6	6	
8217 AM™	27	AM, LL, RR2	112	107	2700	5	8	5	7	5	5	5	7	
8233 AM™	27	AM, LL, RR2	112	108	2680	5	7	6	7	5	6	5	7	
8239 AM™	28	AM, LL, RR2	112	109	2710	4	6	8	7	7	5	5	7	
8255 AM™	28	AM, LL, RR2	112	108	2700	5	7	5	6	4	5	4	6	
8296 AML™	29	AML, LL, RR2	112	114	2730	5	6	7	4	8	8	8	4	
8363 AM™	29	AM, LL, RR2	112	111	2700	4	8	6	6	7	5	5	7	
8348 PWRA™	30	PWRA	113	116	2730	7	7	6	6	6	6	5	7	
8371 AML™	30	AML, LL, RR2	113	115	2700	5	7	6	5	7	6	6	6	
8382 AM™	30	AM, LL, RR2	113	109	2750	6	6	5	6	5	5	5	7	
8414 AM™	31	AM, LL, RR2	114	115	2760	5	8	5	6	7	5	6	5	
8447 AM™	31	AM, LL, RR2	114	114	2750	6	6	6	6	7	6	6	5	
8490 AM™	31	AM, LL, RR2	114	111	2760	5	5	5	7	5	6	6	6	
8511 AML™	32	AML, LL, RR2	115	113	2770	4	5	7	6	5	5	6	5	
8518 AM™	32	AM, LL, RR2	115	115	2770	5	6	4	6	6	7	6	5	
8529 AM™	32	AM, LL, RR2	115	117	2790	5	4	4	6	7	6	8	4	
8707 AM™	33	AM, LL, RR2	117	118	2810	4	8	7	6	8	6	6	6	
8750 AML™	33	AML, LL, RR2	117	114	2830	5	7	7	5	7	6	6	6	

CORN RATINGS AND CHARACTERISTICS



Kernel Rows	Cob Color	STRESS AND DISEASE PACKAGE							HARVEST CHARACTERISTICS			END USE	BRAND
		Drought	Goss's Wilt	Gray Leaf Spot	Northern Leaf Blight	Anthraxnose Stalk Rot	High pH	Staygreen	Test Weight	Drydown	Silage MAX		
14-16	RED	6	7	4	6	NR	6	4	6	3	NO	6334 AM™	
16-20	RED	7	6	5	5	5	4	7	4	4	YES	6620 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™	
14-18	PINK	8	7	5	5	3	5	5	6	4	NO	7027 AM™	
16-18	PINK	9	6	4	5	3	6	4	6	7	YES	7088 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	6	4	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	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	6	5	7	3	NO	8009 AM™	
16-18	RED	7	7	6	6	6	4	6	6	3	NO	8028 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	WHITE	7	6	3	6	5	5	7	6	5	NO	8175 AM™	
14-18	RED	8	6	4	5	4	6	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™	
16-18	RED	8	6	5	5	6	5	7	6	6	YES	8363 AM™	
14-16	RED	7	5	3	6	5	5	4	6	5	NO	8348 PWRA™	
14-18	RED	7	6	6	4	6	5	8	5	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	6	5	4	5	5	8	6	8	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™	
16-18	RED	6	7	6	6	4	6	7	6	5	YES	8518 AM™	
16-20	RED	7	6	5	4	4	5	5	5	6	YES	8529 AM™	
16-20	RED	7	7	6	4	6	5	6	6	8	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 AND 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	
8065 RR™	24	AMXT, LL, RR2	110	108	2650	5	5	6	5	5	5	5	5	6
7086™	18	Conventional	100	101	2470	5	5	7	5	5	5	7	5	
7555™	20	Conventional	105	106	2530	6	6	7	5	4	4	5	6	
7902™	22	Conventional	109	108	2630	5	6	6	6	5	6	8	4	
7945™	23	Conventional	109	109	2630	5	6	4	5	7	7	7	4	
8064™	24	Conventional	110	108	2650	5	5	6	5	5	5	5	6	
8231™	27	Conventional	112	108	2680	5	7	6	7	5	6	5	7	
8381™	30	Conventional	113	109	2750	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 AND CHARACTERISTICS



	Kernel Rows	Cob Color	STRESS AND DISEASE PACKAGE					HARVEST CHARACTERISTICS			END USE	BRAND		
			Drought	Goss's Wilt	Gray Leaf Spot	Northern Leaf Blight	Anthracoise Stalk Rot	High pH	Staygreen	Test Weight	Drydown			Silage MAX
	14-18	RED	9	5	4	5	4	5	5	5	6	NO	8065 RR™	
	16-18	PINK	9	6	4	5	3	6	4	6	7	YES	7086™	
	14-16	PINK	8	7	5	5	4	5	5	6	5	NO	7555™	
	16-18	WHITE	7	5	4	5	4	5	6	6	4	YES	7902™	
	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

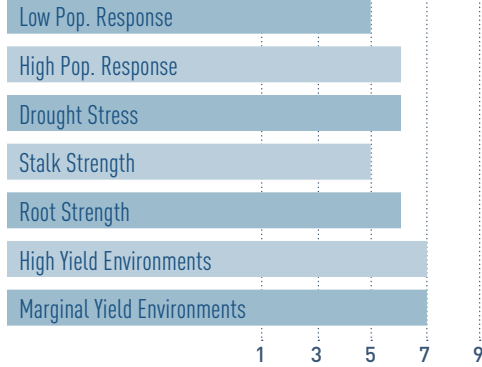
DROUGHT SCORE	GROWING ENVIRONMENT				
	Good Moisture Availability or Full Irrigation	Better Non-Irrigated Soils	Occasional Drought or Limited Irrigation	Prone to Drought Stress	Toughest Drought Acres
5					
6					
7					
8					
9					



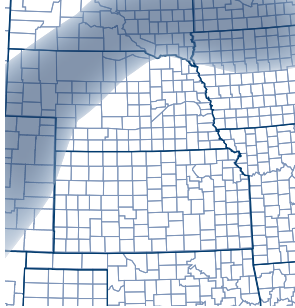


6334 AM™

AGRONOMICS

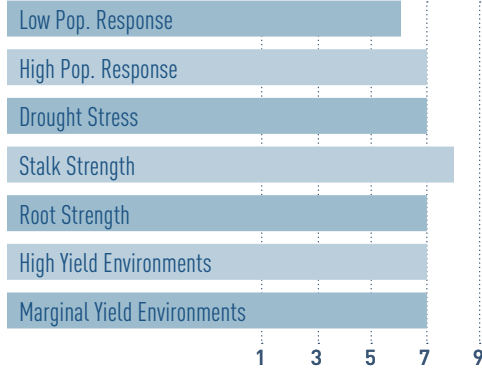


RECOMMENDED GEOGRAPHY

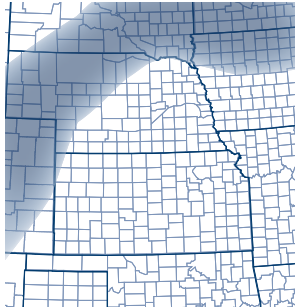


6620 AM™

AGRONOMICS

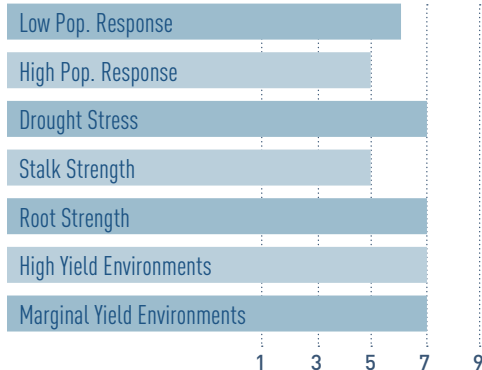


RECOMMENDED GEOGRAPHY

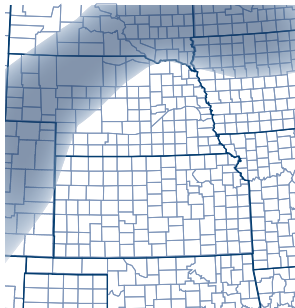


NEW 6775 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY



93RM – 2220 HEAT UNITS

- Good yield for maturity in a double stack trait package
- Good stress emergence
- Above average Northern Leaf Blight tolerance
- Heavy test weight

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

97RM – 2360 HEAT UNITS

- Versatile new Grome® product bringing good yield potential
- Strong roots
- Good test weight

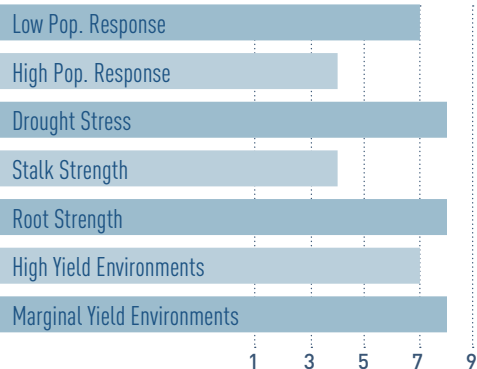


Silage MAX

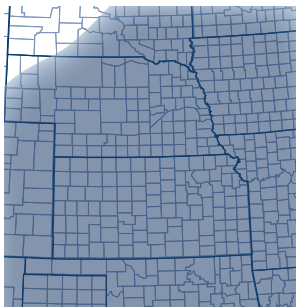


6813 AM™ 6814 AMXT™

AGRONOMICS



RECOMMENDED GEOGRAPHY

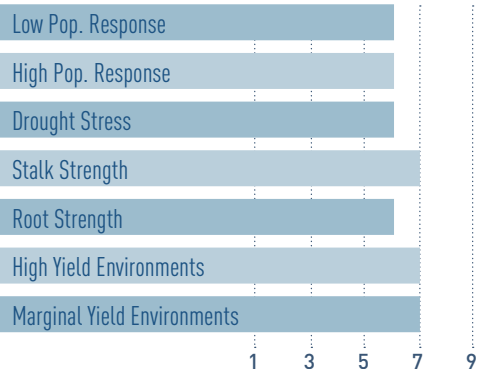


98RM – 2370 HEAT UNITS

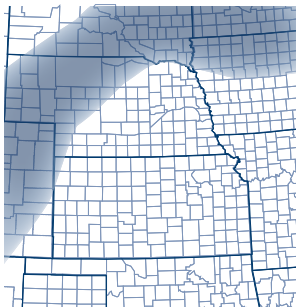
- Excellent drought tolerance
- Top-notch emergence in difficult soil conditions
- Girthy ear with good flex

6850 AM™

AGRONOMICS



RECOMMENDED GEOGRAPHY

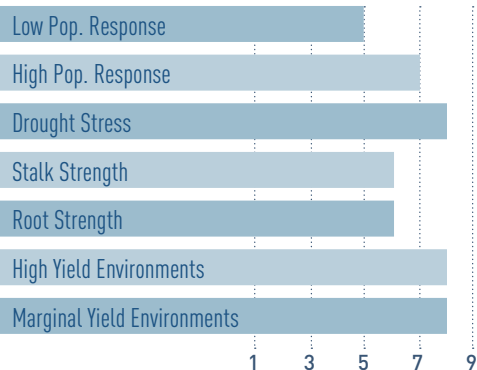


98RM – 2370 HEAT UNITS

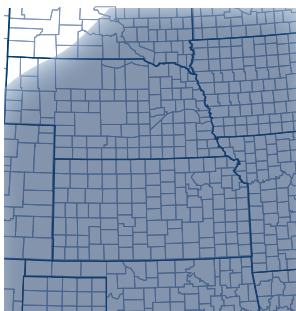
- Great overall hybrid with strong stalks
- Stable performance over a broad range of yield environments
- Moderate stature

NEW 7027 AM™ NEW 7028 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY



100RM – 2420 HEAT UNITS

- New genetic family that combines excellent drought tolerance with top-end yield potential
- Balanced agronomic package
- Heavy test weight



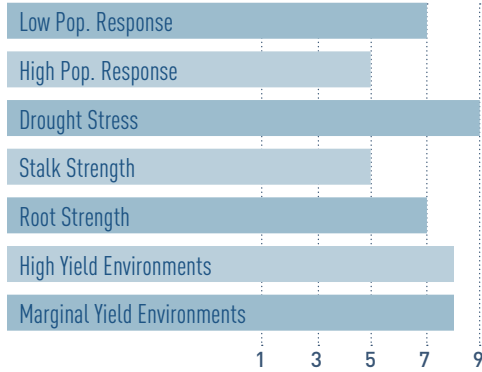


7086™

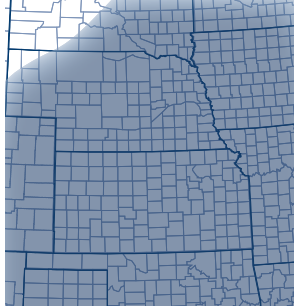
7088 AM™

7089 AMXT™

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

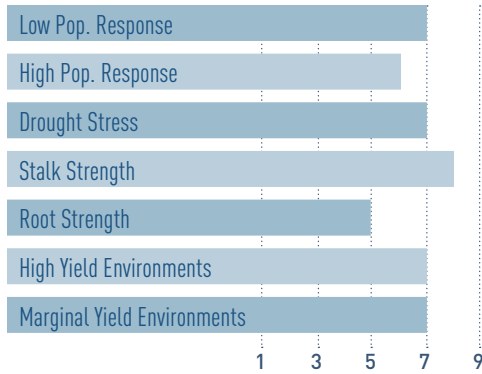


Silage MAX

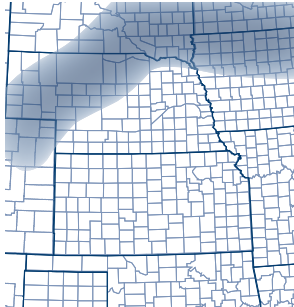
7209 AM™

7211 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY

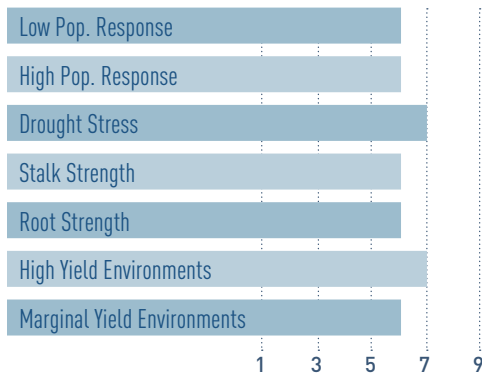


102RM – 2460 HEAT UNITS

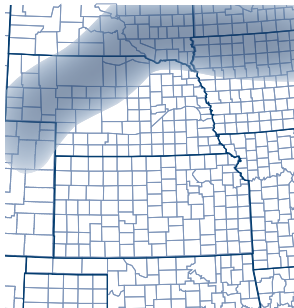
- Agronomic hybrid with good ear flex
- Strong out of the ground under stressful conditions
- Excellent late season stalks and appearance

7224 AM™

AGRONOMICS



RECOMMENDED GEOGRAPHY



102RM – 2460 HEAT UNITS

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

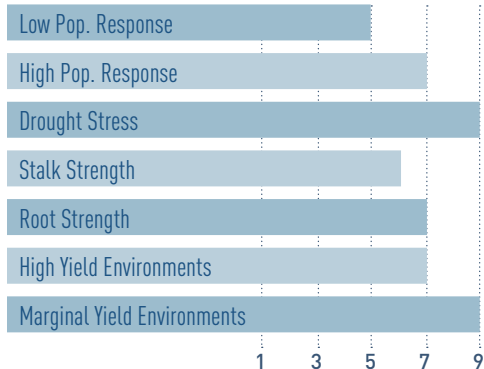


Silage MAX

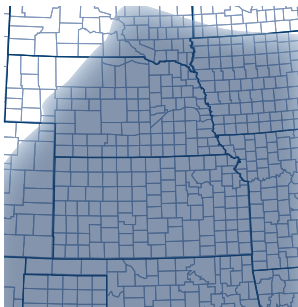


NEW
7322 AML™

AGRONOMICS

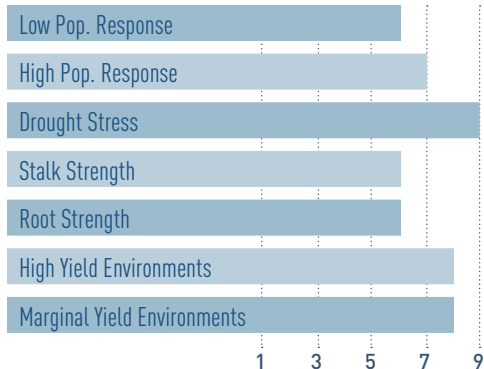


RECOMMENDED GEOGRAPHY

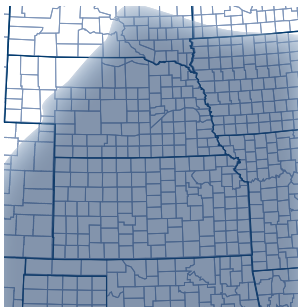


7402 AM™ **7404 Q™**

AGRONOMICS

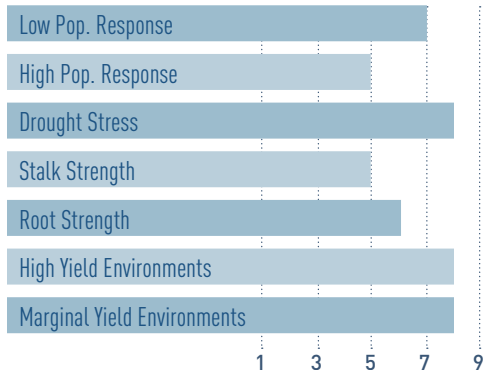


RECOMMENDED GEOGRAPHY

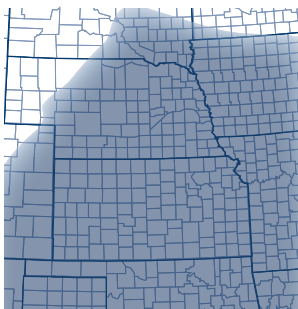


7434 AM™ **7436 Q™**

AGRONOMICS



RECOMMENDED GEOGRAPHY



103RM – 2490 HEAT UNITS

- Tough new hybrid featuring Optimum® AQUAmax® drought tolerance
- Optimum® AcreMax® Leptra® insect protection
- Strong roots
- Good Goss's Wilt and Northern Leaf Blight tolerance



Silage MAX

104RM – 2510 HEAT UNITS

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



Silage MAX

104RM – 2550 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

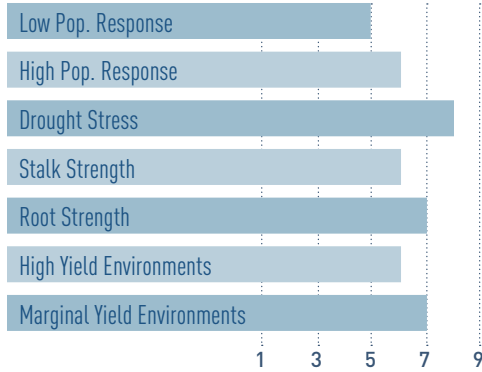




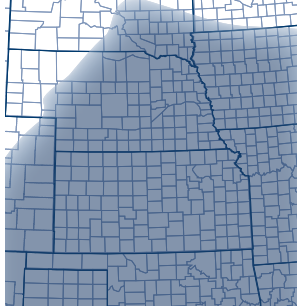
7555™

7558 AMXT™

AGRONOMICS



RECOMMENDED GEOGRAPHY

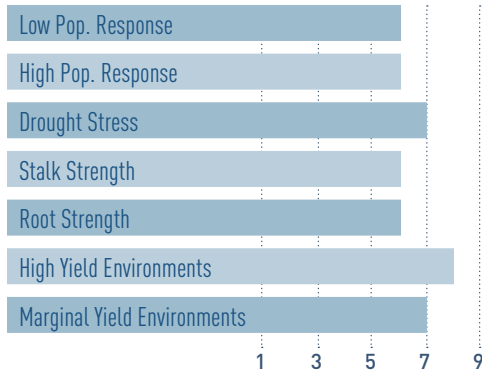


105RM – 2530 HEAT UNITS

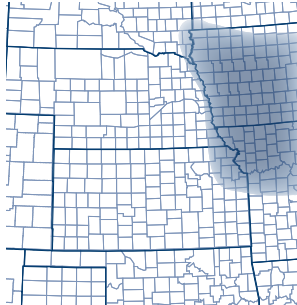
- Excellent stress emergence for high residue fields
- Heavy test weight, approved for Food Grade with Frito
- Full disease package

NEW 7653 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY

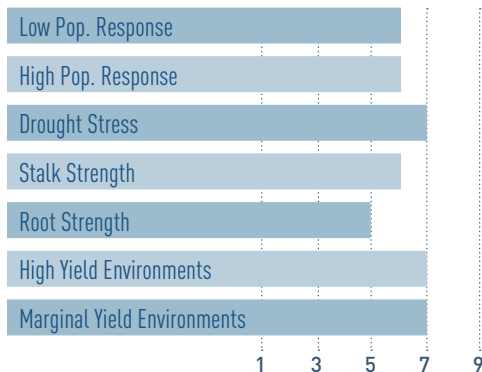


106RM – 2540 HEAT UNITS

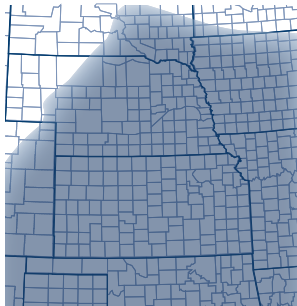
- Exciting new Qrome® product for Iowa and eastern South Dakota
- Good drought tolerance
- Strong emergence for high residue fields

7692 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY



106RM – 2550 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

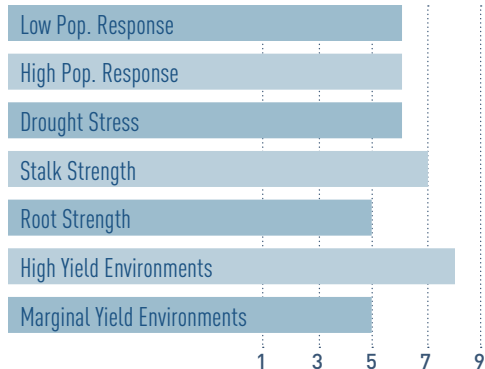


Silage MAX

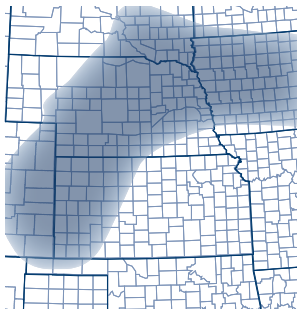


7772 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY

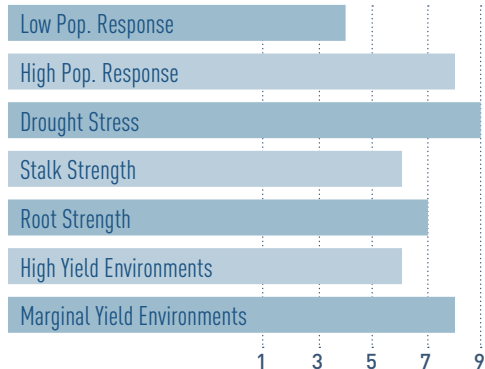


107RM – 2590 HEAT UNITS

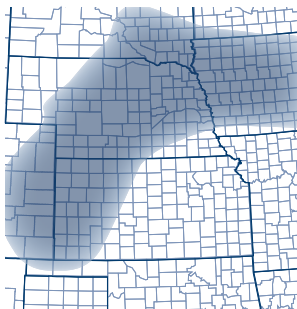
- A moderate statured Qrome® hybrid best placed on higher producing acres
- Girthy ear with high top-end yield potential
- Outstanding plant health and staygreen

7818 AMXT™

AGRONOMICS



RECOMMENDED GEOGRAPHY

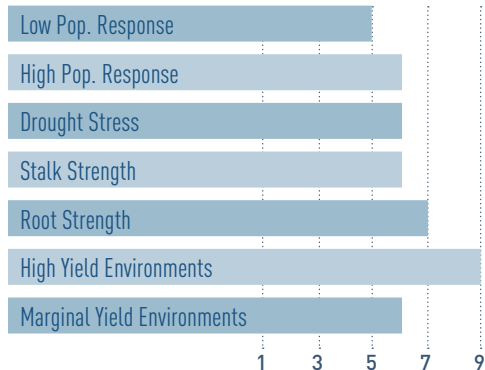


108RM – 2610 HEAT UNITS

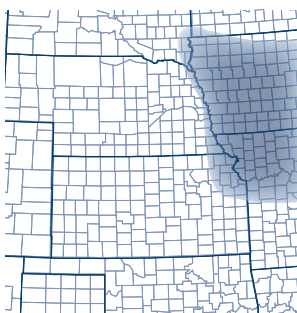
- Reliable performance with Optimum® AQUAmax® drought tolerance
- Strong emergence for high residue and corn after corn conditions
- Maintains plant integrity late into the season

7869 AM™

AGRONOMICS



RECOMMENDED GEOGRAPHY



108RM – 2620 HEAT UNITS

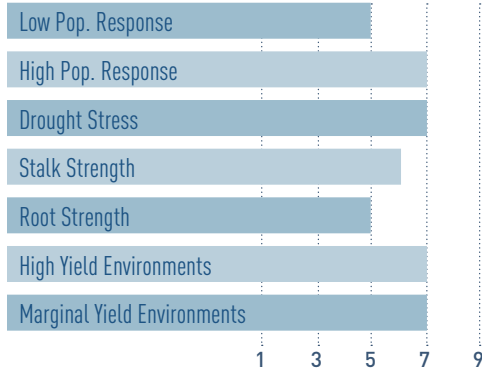
- A proven performer in Iowa
- Very good stress emergence for heavier soils
- Good root strength
- Regional champion in the 2020 Northwest Iowa FIRST trials



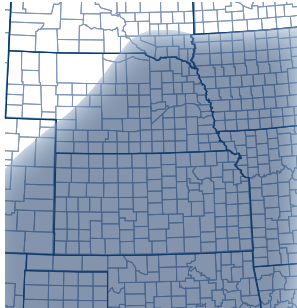


7886 AM™

AGRONOMICS



RECOMMENDED GEOGRAPHY



108RM – 2620 HEAT UNITS

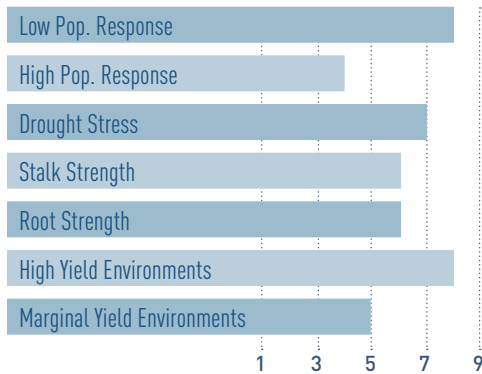
- Strong performance in competitive trials
- Good stress emergence
- Girthy ears
- Plant at moderate to aggressive planting populations

7902™

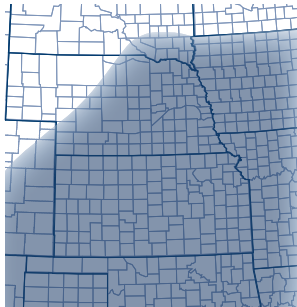
7900 AM™

7901 AMXT™

AGRONOMICS



RECOMMENDED GEOGRAPHY



109RM – 2630 HEAT UNITS

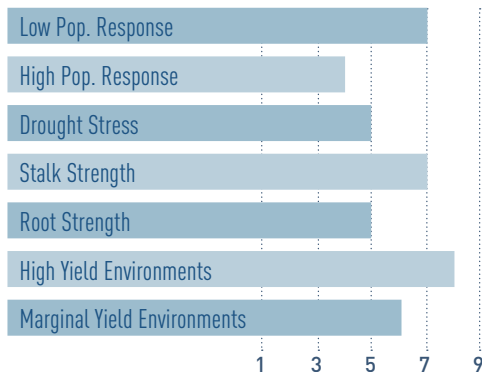
- Long track record for performance
- Best suited for fields with good soil moisture availability or irrigation
- Monitor for timely harvest



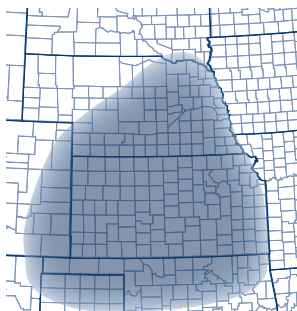
Silage MAX

NEW 7921 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY



109RM – 2630 HEAT UNITS

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



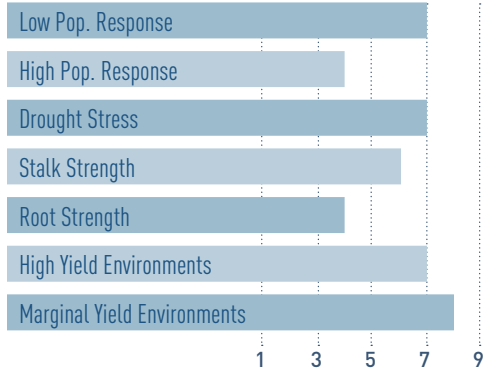
Silage MAX



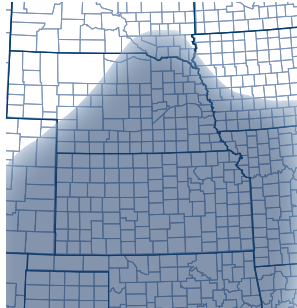
7945™

7946 AM™

AGRONOMICS

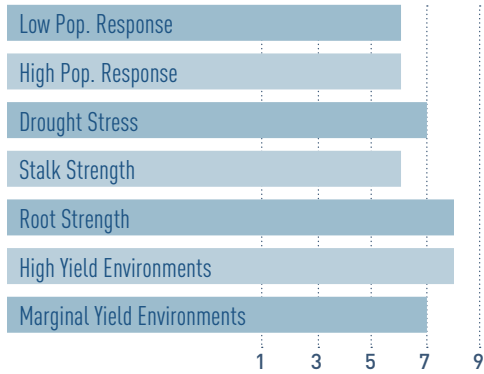


RECOMMENDED GEOGRAPHY

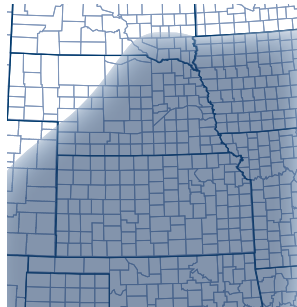


7955 AML™

AGRONOMICS

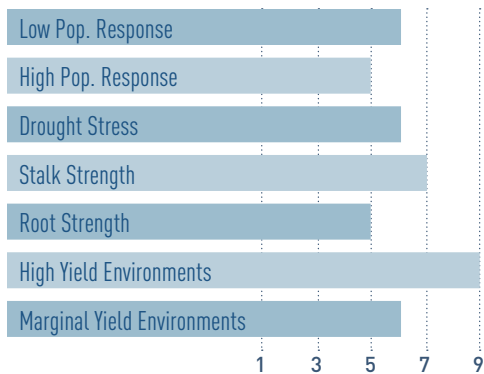


RECOMMENDED GEOGRAPHY

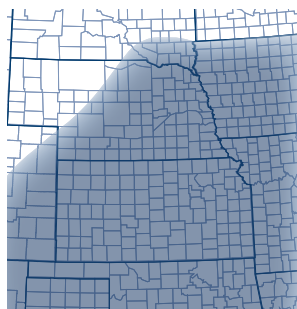


7990 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY



109RM – 2630 HEAT UNITS

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

109RM – 2630 HEAT UNITS

- Consistent performer over a broad area with Optimum® AcreMax® Leptra® insect protection
- Elite genetics featuring strong greensnap tolerance and root strength
- 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
- Outstanding back-to-back yield performance in 2019 and 2020 Northeast Nebraska FIRST trials
- Good late-season stalks
- Foliar fungicide recommended for maximum performance



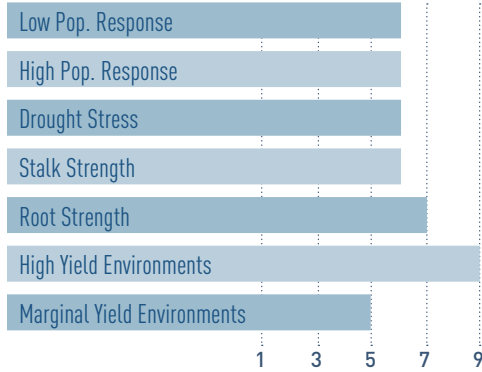
Silage MAX



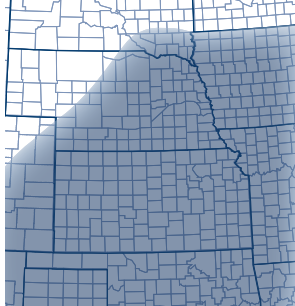


8009 AM™

AGRONOMICS



RECOMMENDED GEOGRAPHY

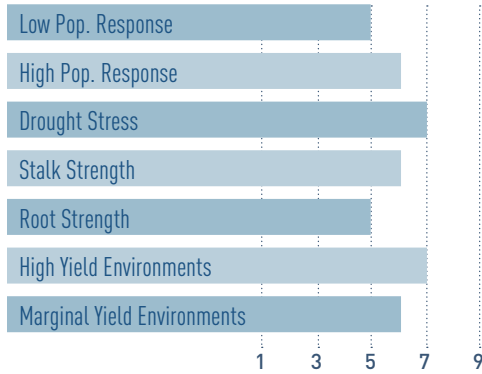


110RM – 2620 HEAT UNITS

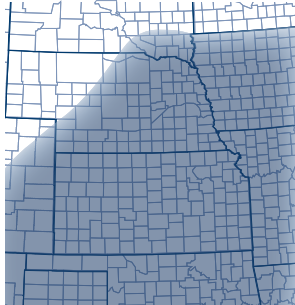
- Outstanding raw yield potential
- Good root strength
- Moderate stature
- Best positioned on higher yielding acres

8028 AM™

AGRONOMICS



RECOMMENDED GEOGRAPHY



110RM – 2620 HEAT UNITS

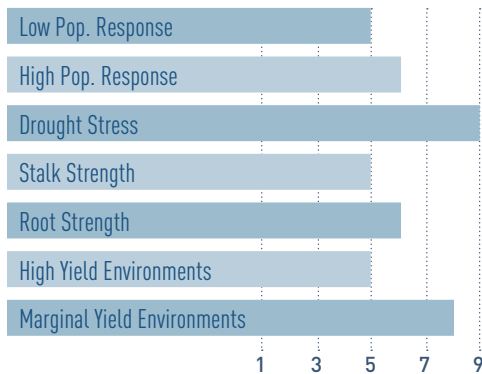
- Agronomic product for the western and central corn belt
- Outstanding disease package
- Good greensnap tolerance

8064™

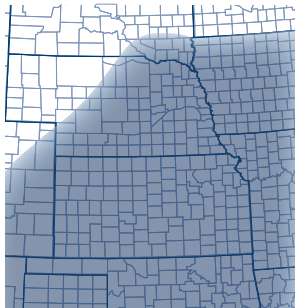
8065 RR™

8066 AM™

AGRONOMICS



RECOMMENDED GEOGRAPHY



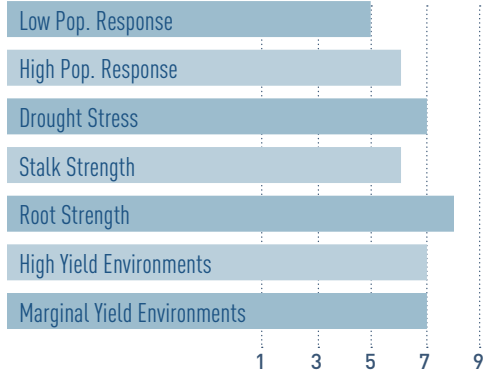
110RM – 2650 HEAT UNITS

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

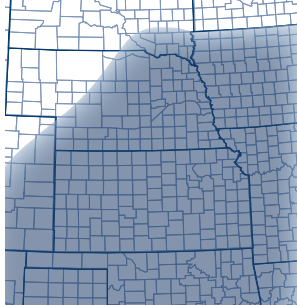


8073 Q™

AGRONOMICS

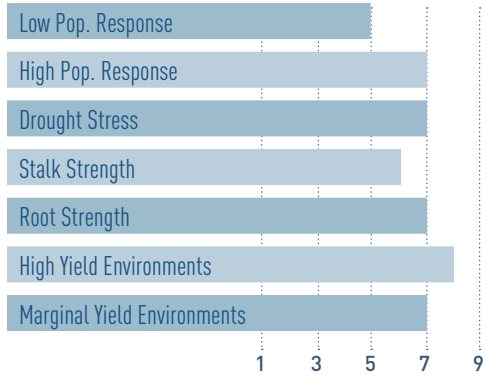


RECOMMENDED GEOGRAPHY

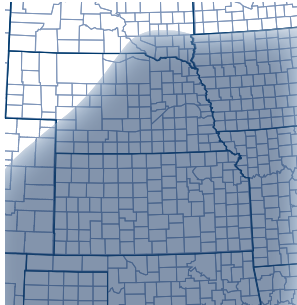


8084 AM™ 8085 Q™

AGRONOMICS

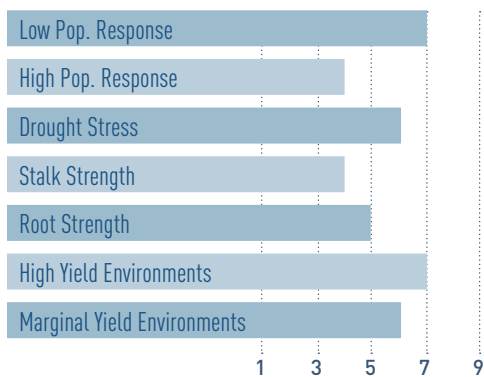


RECOMMENDED GEOGRAPHY

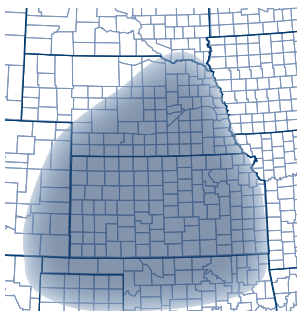


8097 SXE™ 8097 SXRA™

AGRONOMICS



RECOMMENDED GEOGRAPHY



110RM – 2670 HEAT UNITS

- Qrome® triple stack product with excellent standability
- Stable product type
- Heavy test weight with Food Grade opportunities

110RM – 2650 HEAT UNITS

- Consistent product from ear to ear and acre to acre
- Top-10 performer across Nebraska and Iowa in 2020 FIRST trials
- Moderate stature with strong roots
- Good stress emergence

110RM – 2650 HEAT UNITS

- Western-adapted product
- Works on high pH soils
- Good heat tolerance allows southern movement
- Strong disease package

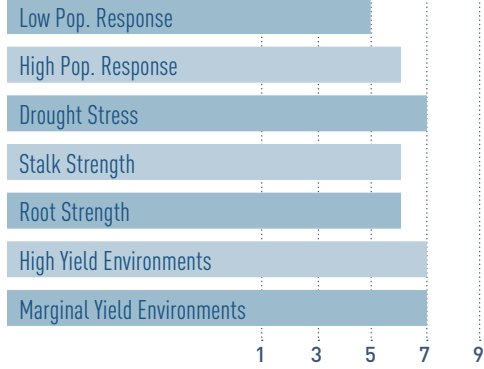




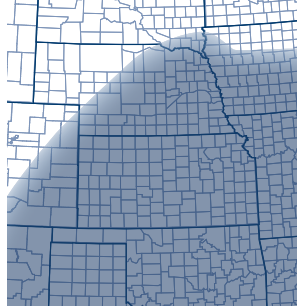
8104 AM™

8106 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY

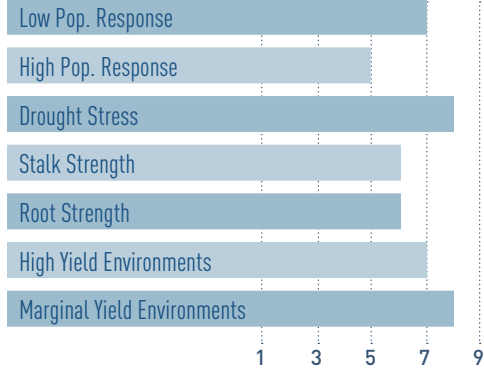


111RM – 2690 HEAT UNITS

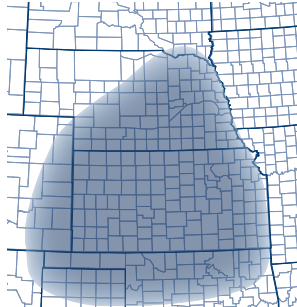
- Versatile genetics with good overall agronomics and yield stability
- Medium statured plant
- Outstanding test weight

8140 SXRA™

AGRONOMICS



RECOMMENDED GEOGRAPHY

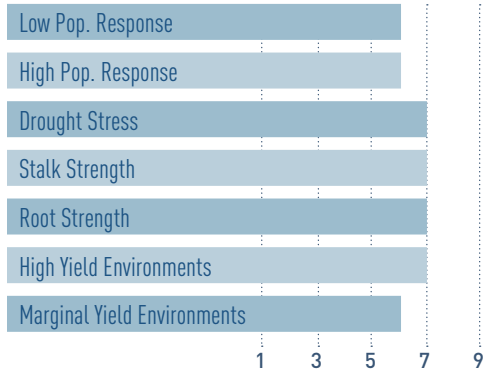


111RM – 2680 HEAT UNITS

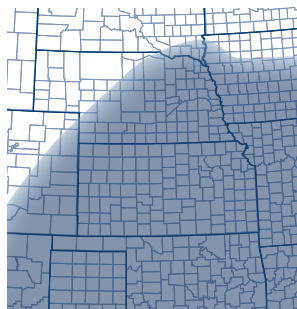
- Excellent product for stress environments
- Good ear flex for lower planting populations in western areas
- Performs well on high pH soils

8175 AM™

AGRONOMICS



RECOMMENDED GEOGRAPHY



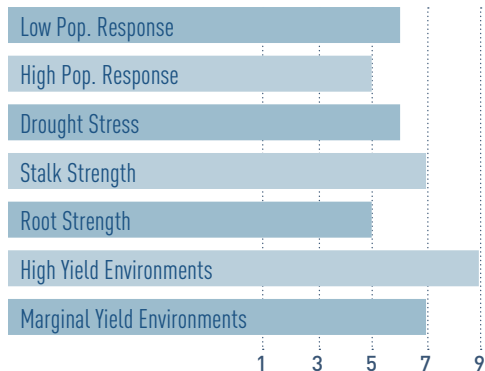
111RM – 2690 HEAT UNITS

- Western Corn Belt style of hybrid
- Excellent season-long standability
- Attractive grain with good test weight

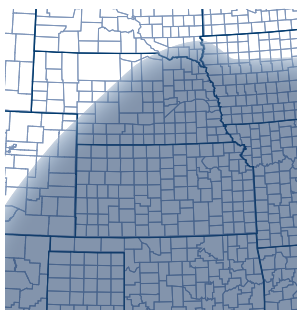


8188 Q™

AGRONOMICS

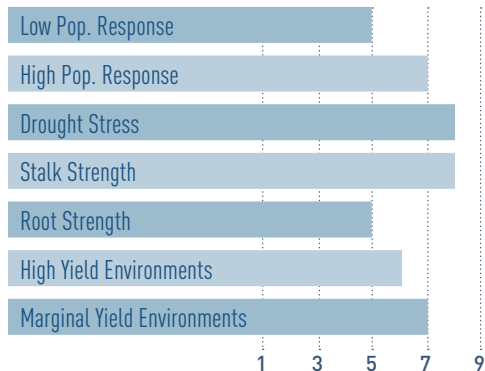


RECOMMENDED GEOGRAPHY

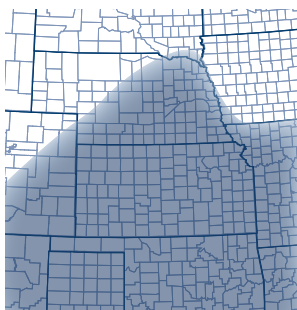


8217 AM™

AGRONOMICS

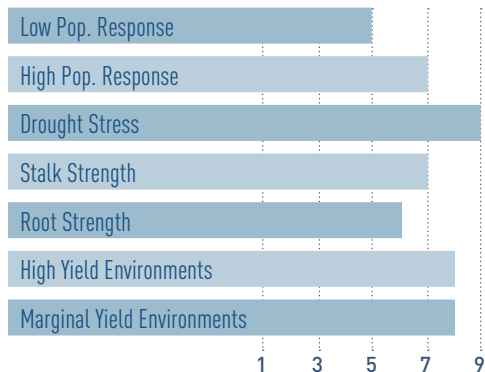


RECOMMENDED GEOGRAPHY

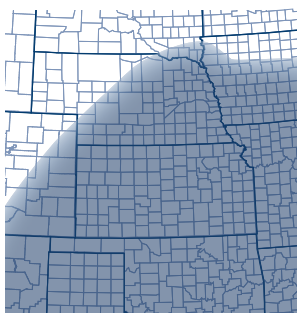


NEW 8231™ **8233 AM™** **8235 Q™**

AGRONOMICS



RECOMMENDED GEOGRAPHY



111RM – 2700 HEAT UNITS

- Elite Qrome® product for the Western Corn Belt
- Ideal agronomic package for corn on corn and high residue fields
- Good stress emergence
- Outstanding performance in the 2020 Northeast Nebraska FIRST trials



Silage MAX

112RM – 2700 HEAT UNITS

- Broadly adapted product with very good drought tolerance
- Good stalk strength
- Early flowering and heat tolerance for southern movement

112RM – 2680 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



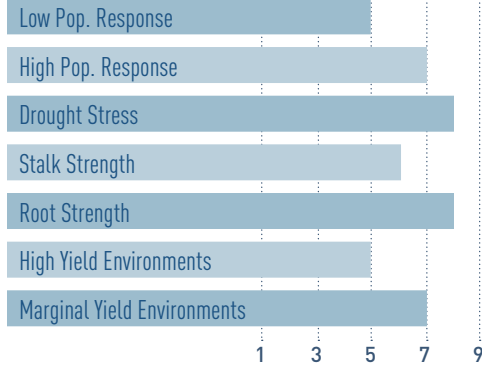
Silage MAX



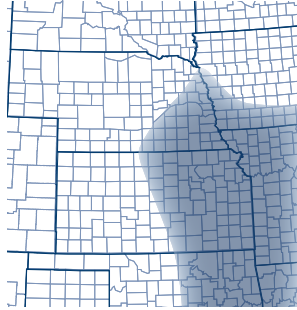


8239 AM™

AGRONOMICS



RECOMMENDED GEOGRAPHY

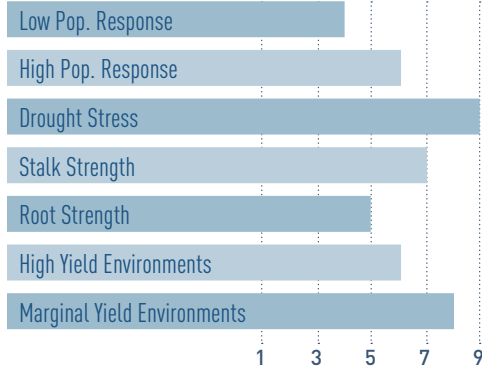


112RM – 2710 HEAT UNITS

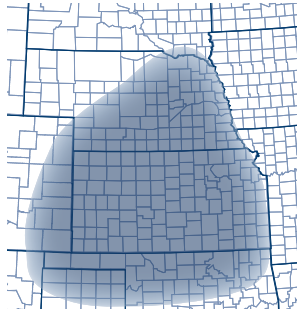
- Workhorse with good southern and southeastern performance
- Above-average Gray Leaf Spot tolerance
- Solid track record under drought

8255 AM™

AGRONOMICS



RECOMMENDED GEOGRAPHY

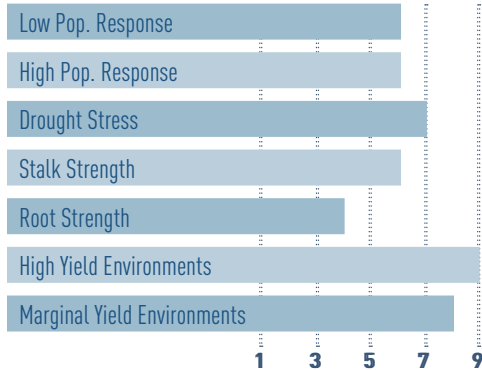


112RM – 2700 HEAT UNITS

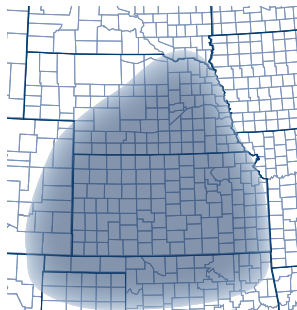
- Proven Optimum® AQUAmax® product for Nebraska and Kansas
- Fills ear out to the tip under a wide range of conditions
- Western adaptation features strong greensnap tolerance

8268 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY



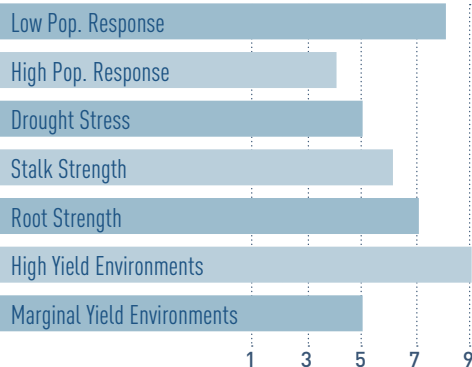
112RM – 2660 HEAT UNITS

- 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

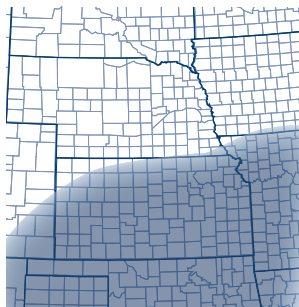


8296 AML™

AGRONOMICS



RECOMMENDED GEOGRAPHY



112RM – 2730 HEAT UNITS

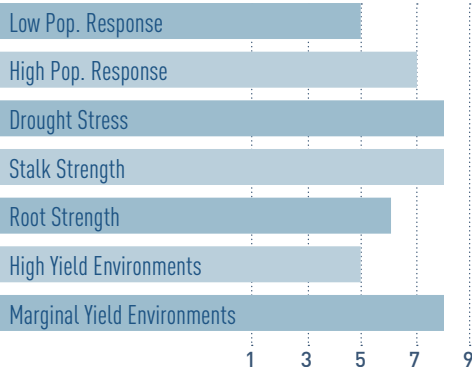
- Racehorse style product for fields with high productivity and good moisture availability
- Girthy ear with excellent flex and large kernels
- Below average tolerance to greensnap during periods of rapid growth
- Performs best at lower to moderate planting populations



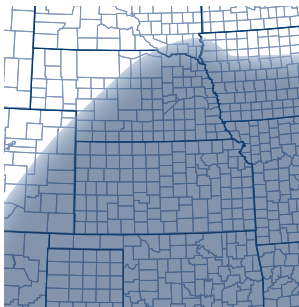
Silage MAX

8363 AM™ 8364 AMXT™

AGRONOMICS



RECOMMENDED GEOGRAPHY



112RM – 2700 HEAT UNITS

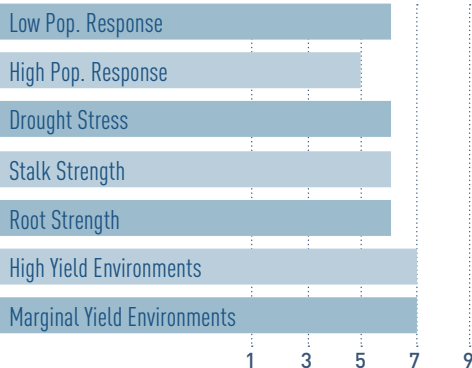
- Proven genetic family with season-long standability
- Handles heat and drought stress
- Maintains plant integrity late into the season



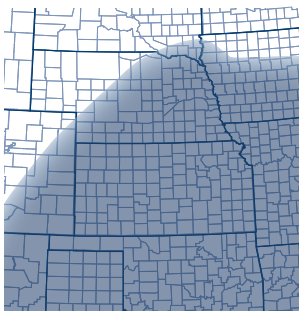
Silage MAX

8338 SXRA™

AGRONOMICS



RECOMMENDED GEOGRAPHY



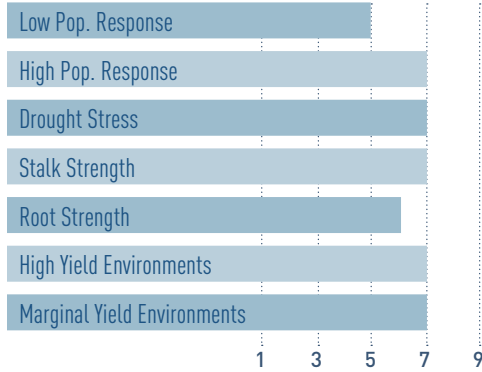
113RM – 2730 HEAT UNITS

- Attractive, healthy hybrid with good disease tolerance
- Strong out of the ground
- Works well on rotated and corn on corn acres

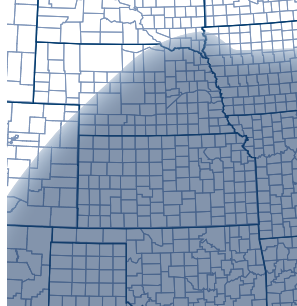


8348 PWRA™

AGRONOMICS



RECOMMENDED GEOGRAPHY

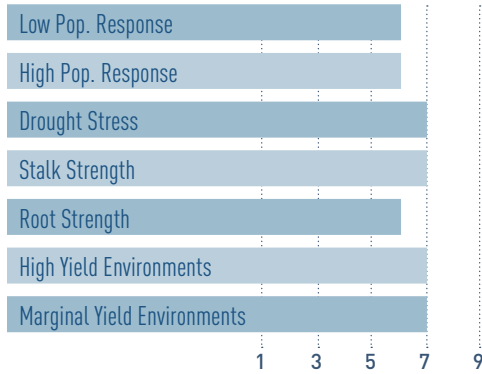


113RM – 2730 HEAT UNITS

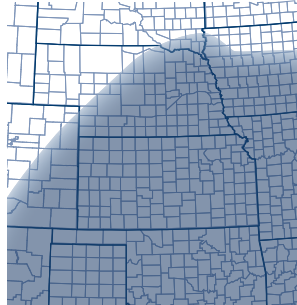
- Consistent performer and broadly adapted
- Excellent stress emergence
- Responds favorably to a foliar fungicide

NEW 8371 AML™

AGRONOMICS



RECOMMENDED GEOGRAPHY



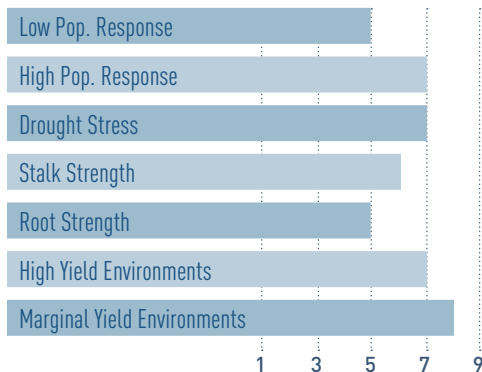
113RM – 2730 HEAT UNITS

- New Optimum® AcreMax® Leptra® product
- Good ear flex and drought tolerance
- Excellent staygreen and strong late-season stalks

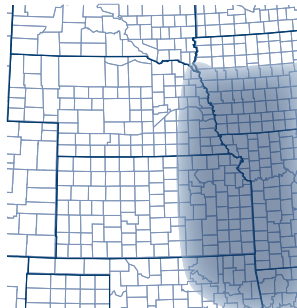
8381™

8382 AM™

AGRONOMICS



RECOMMENDED GEOGRAPHY



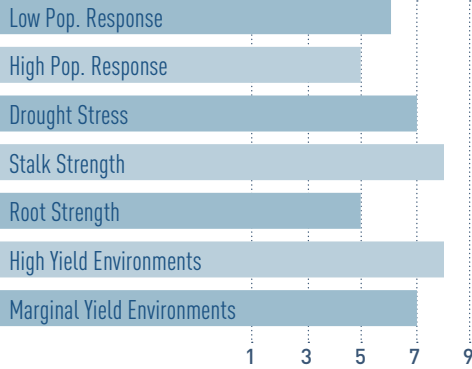
113RM – 2750 HEAT UNITS

- Performs across a wide range of yield environments
- Strong out of the ground
- Heavy test weight
- Avoid fields with a history of Goss's Wilt

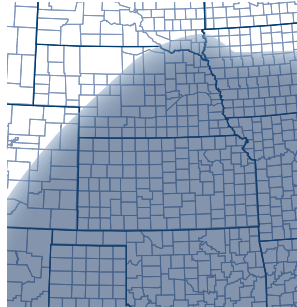


8414 AM™ 8417 Q™

AGRONOMICS

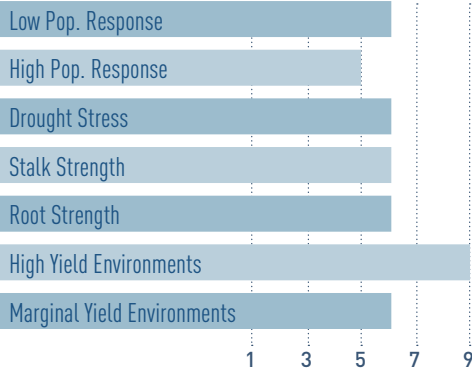


RECOMMENDED GEOGRAPHY

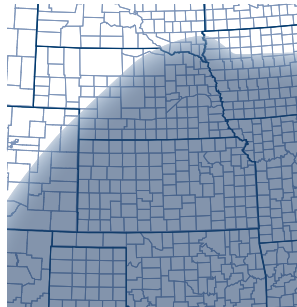


NEW 8447 AM™

AGRONOMICS

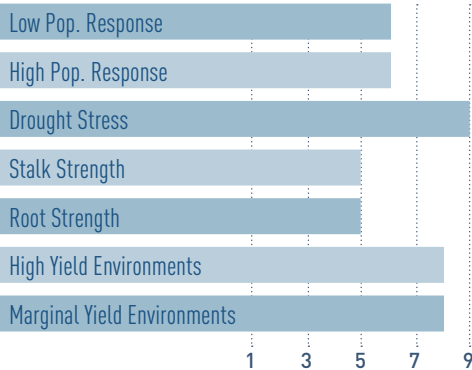


RECOMMENDED GEOGRAPHY

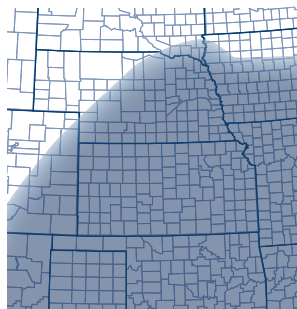


8490 AM™ 8491 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY



114RM – 2730 HEAT UNITS

- Broadly adapted genetics
- Outstanding tolerance against Goss's Wilt, Gray Leaf Spot, and Northern Leaf Blight
- Excellent late season stalk strength



Silage MAX

114RM – 2750 HEAT UNITS

- Exciting new yield leader with broad appeal
- Starts strong with good stress emergence
- Finishes strong with excellent staygreen
- Attractive ears and grain

114RM – 2760 HEAT UNITS

- Optimum® AQUAmax® drought tolerance with good overall versatility
- Consistent performer from low to high yield environments
- Agronomics that fit the western corn belt

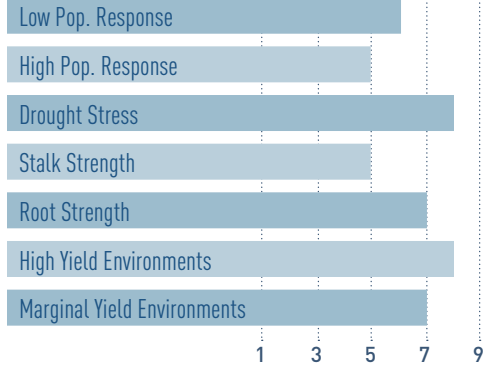




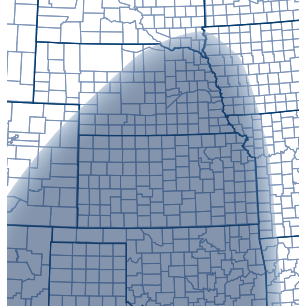
8511 AML™

8512 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY



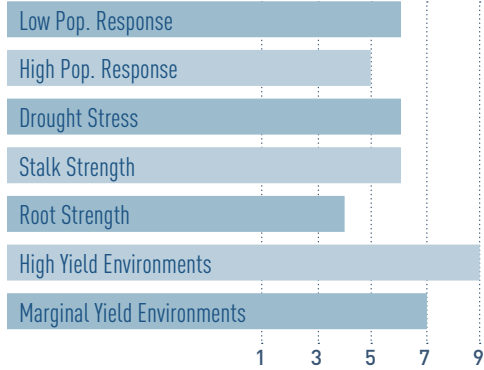
115RM – 2770 HEAT UNITS

- High performing genetics available in elite insect trait options - Optimum® AcreMax® Leptra® and Grome® products
- Responds favorably to foliar fungicides and good fertility
- Handles heat and drought stress

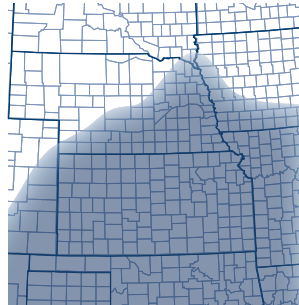
8518 AM™

8519 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY



115RM – 2770 HEAT UNITS

- Top-end yield potential with excellent plant health
- Foliar disease package includes strong tolerance to Northern Leaf Blight and Gray Leaf Spot
- Good stalk strength and greensnap tolerance
- Heavy test weight

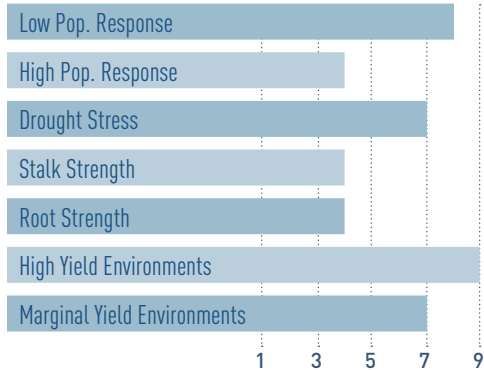


Silage MAX

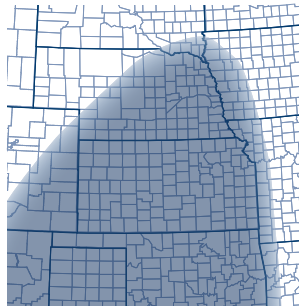
8529 AM™

8531 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY



115RM – 2790 HEAT UNITS

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

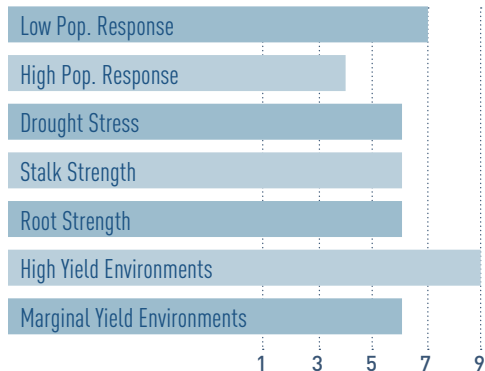


Silage MAX

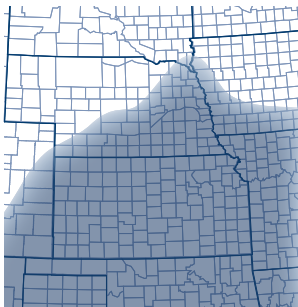


8637 Q™

AGRONOMICS

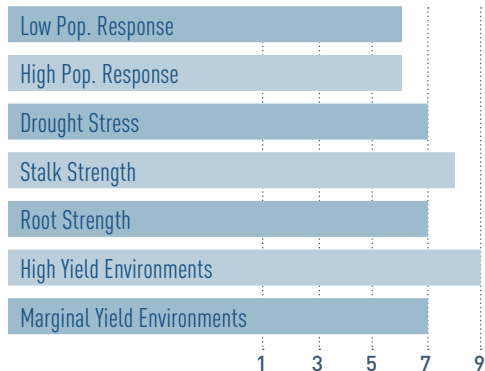


RECOMMENDED GEOGRAPHY

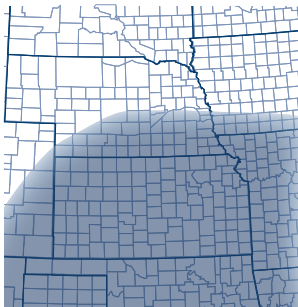


NEW 8707 AM™

AGRONOMICS

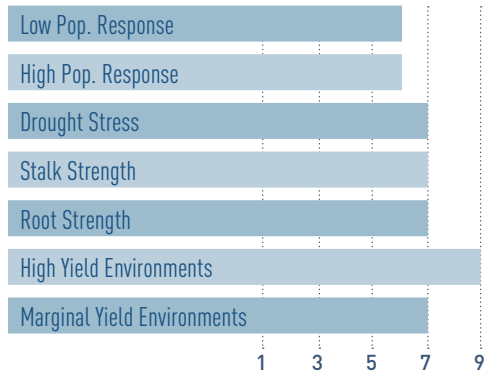


RECOMMENDED GEOGRAPHY

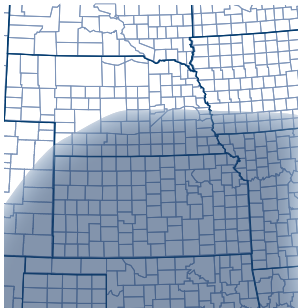


8750 AML™

AGRONOMICS



RECOMMENDED GEOGRAPHY



116RM – 2810 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 – 2810 HEAT UNITS

- Versatile full-season product
- 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



THE RIGHT SEED FOR

CLEANER EARS

 optimum®
AcreMax®
ABOVE Leptra®

Optimum® AcreMax® Leptra® hybrids defend against the key pests you face on your farm, with integrated refuge for added convenience.

Multiple modes of action against above ground insects

Controls Western Bean Cutworm, Corn Earworm, and other Lepidopteran pests

Available in six hybrids for 2022



Left: non-Bt hybrid
Right: Optimum® AcreMax® Leptra® hybrid

A photograph of several young soybean plants growing in a field. The plants are in various stages of growth, with some showing two leaves and others showing three. The soil is dark brown and appears to be a mix of loam and clay. The background is blurred, showing more plants and a bright sky. The text "SOYBEAN VARIETIES" is overlaid on the right side of the image, with "SOYBEAN" on a green brushstroke and "VARIETIES" on a white brushstroke.

SOYBEAN VARIETIES

THE HOEGEMEYER SOYBEAN NAMING SYSTEM

2820 E



The first two numbers indicate relative maturity. 28 = 2.8 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
- R = Glyphosate herbicide tolerance
- 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

PERFORMANCE THROUGH PROTECTION



Provides excellent protection from sudden death syndrome and soybean cyst nematode

- **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



CLEANER FIELDS. HIGHER YIELDS.

NOTHING LESS.

**REST EASY KNOWING THAT YOU NO LONGER
HAVE TO SACRIFICE WEED CONTROL OR YIELD.**

You can have it all. Hoegemeyer brand Enlist E3[®] 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[®] soybeans, go to therightseed.com or contact your local Hoegemeyer seed dealer.



SOYBEAN RATINGS AND 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)
1221 E™	40	1.2	E3	4	5	7	7	5	None	5	5	5	7	PI88788
1401 E™	40	1.4	E3	4	6	8	7	5	None	4	5	4	4	PI88788
1631 E™	40	1.6	E3	3	5	8	7	5	Rps1k	5	5	5	4	PI88788
1821 E™	40	1.8	E3	3	5	8	7	5	Rps1k	5	6	5	4	PI88788
1910 E™	40	1.9	E3	3	7	7	6	7	Rps1c,3a	5	6	2	4	PI88788
2141 E™	40	2.1	E3	4	5	8	6	6	Rps1k	3	4	3	7	PI88788
2240 E™	41	2.2	E3	4	5	7	7	7	Rps1c,3a	5	4	3	9	PI88788
2245 E™	41	2.2	E3	4	6	7	7	7	Rps1a,3a	4	6	3	4	PI88788
2480 E™	41	2.4	E3	3	5	7	8	5	Rps1k	6	5	4	4	PI88788
2421 E™	41	2.4	E3	5	6	7	7	6	Rps1k	4	6	3	4	Peking
2660 E™	41	2.6	E3	4	6	7	7	5	Rps1k	5	5	3	9	PI88788
2820 E™	41	2.8	E3	4	6	7	7	4	None	4	5	4	4	PI88788
2831 E™	42	2.8	E3	6	5	7	6	5	Rps1a	5	3	2	4	PI88788
2970 E™	42	2.9	E3	5	6	7	7	6	Rps 1k	5	4	4	9	PI88788
3141 E™	42	3.1	E3	5	5	8	6	6	Rps1c	5	4	3	4	PI88788
3350 E™	42	3.3	E3	5	6	8	6	7	Rps1c	5	4	4	4	PI88788
3421 SE™	42	3.4	E3, STS	4	6	6	6	5	None	5	4	4	4	PI88788
3591 E™	42	3.5	E3	4	5	8	7	6	Rps1k	5	4	4	9	PI88788
3731 E™	43	3.7	E3	4	5	8	7	5	None	5	4	2	4	PI88788
3921 E™	43	3.9	E3	3	5	6	7	5	None	7	4	3	9	PI88788
4081 SE™	43	4.0	E3, STS	3	5	7	7	5	None	7	4	3	4	PI88788
4161 E™	43	4.1	E3	4	6	7	7	5	None	7	3	NR	9	PI88788
4516 SE™	43	4.5	E3, STS	4	5	7	7	5	None	5	5	NR	4	PI88788
4622 SE™	43	4.6	E3, STS	6	4	7	6	6	None	5	3	NR	4	PI88788
4641 E™	44	4.6	E3	4	5	6	7	6	Rps1k	6	4	NR	4	PI88788
4860 E™	44	4.8	E3	5	5	7	6	7	None	4	4	NR	4	PI88788
4921 SE™	44	4.9	E3, STS	4	6	6	6	5	Rps1k	4	3	NR	9	PI88788
5110 E™	44	5.1	E3	4	6	7	8	5	Rps1k	5	4	NR	9	PI88788

SOYBEAN RATINGS AND CHARACTERISTICS



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™	45	2.2	R2, X	5	5	7	7	5	Rps1k	6	6	6	7	PI88788
2781 NX™	45	2.7	R2, X	5	6	7	7	5	Rps1c	6	5	4	9	PI88788
3166 NX™	45	3.1	R2, X	3	6	7	8	5	Rps1k	8	4	6	9	PI88788
3650 NX™	45	3.6	R2, X	5	6	7	7	5	None	8	5	3	9	PI88788
3871 NX™	45	3.8	R2, X	6	6	7	7	5	Rps1c	6	4	4	9	PI88788
4051 NX™	45	4.0	R2, X	6	7	6	6	4	none	6	5	3	4	PI88788
4211 NX™	46	4.2	R2, X	5	7	7	5	5	Rps1k	6	2	4	4	PI88788
4757 NBX™	46	4.7	R2, X, Bolt	7	6	7	5	5	none	6	3	4	4	PI88788
4969 NX™	46	4.9	R2, X	6	7	7	5	5	Rps1k	6	4	NR	4	PI88788
LL2221 N™	47	2.2	LL	6	6	8	7	6	Rps1c	5	4	4	9	PI88788
LL2641 N™	47	2.6	LL	4	6	7	8	4	Rps1K	7	5	5	7	Peking
LL2850 N™	47	2.8	LL	5	6	6	7	7	Rps1k, 3a	6	5	5	7	PI88788
LL3220 N™	47	3.2	LL	6	6	7	6	3	Rps1k	7	4	3	7	Peking
LL3820 N™	47	3.8	LL	6	5	7	7	4	Rps1k	7	4	4	9	PI88788
LL4000 N™	47	4.0	LL	5	6	7	5	4	None	4	4	3	4	PI88788
LL4571 N™	48	4.5	LL	4	5	7	7	5	None	5	4	NR	7	PI88788
2590 NR™	48	2.5	R	5	6	7	8	4	Rps1k	6	4	5	6	Peking
2811 NR™	48	2.8	R	6	5	7	7	4	Rps1c	4	4	4	6	PI88788

SOYBEAN VARIETIES
ROUNDUP READY 2 XTEND®

SOYBEAN VARIETIES
LIBERTYLINK® TOLERANT

SOYBEAN VARIETIES
GLYPHOSATE 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 R2	R1 - Xtendimax, and Engenia V4 - Tavium Specific calendar cutoff dates in some states	Up to bloom or R1



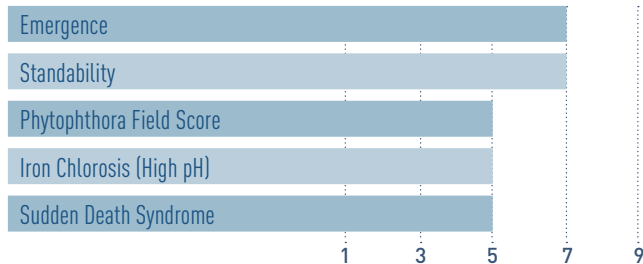
NEW
1221 E™

1.2 RM

- Enlist E3[®] soybean with good agronomic characteristics for SD and MN
- Strong white mold tolerance
- Good iron chlorosis tolerance
- Good yield performance across a wide range of soil types



AGRONOMICS



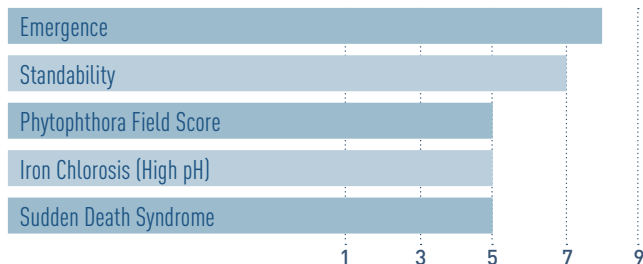
NEW
1631 E™

1.6 RM

- Enlist E3[®] yield leader for mid-group 1 maturity
- Rps1k Phytophthora gene with good tolerance
- Good scores for iron chlorosis, sudden death, and white mold
- Excellent emergence in cool soils



AGRONOMICS

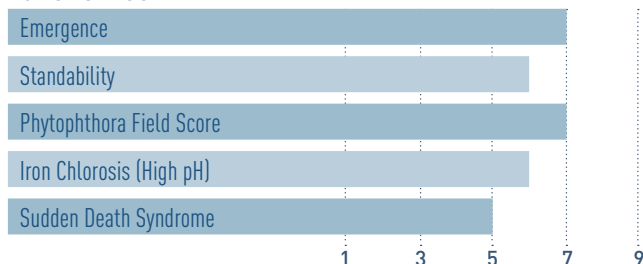


1910 E™

1.9 RM

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

AGRONOMICS



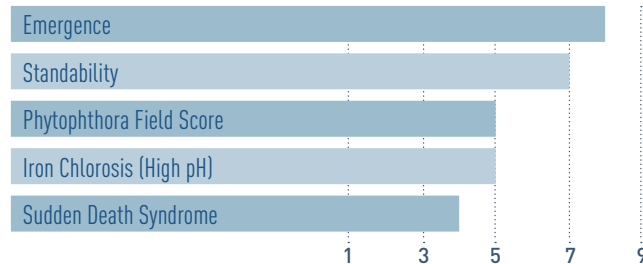
NEW
1401 E™

1.4 RM

- Enlist E3[®] soybean with high performance for SD, MN & Northern IA
- Very good tolerance to iron deficiency chlorosis
- Excellent emergence for early planting in cool soils
- Solid scores for white mold and sudden death syndrome



AGRONOMICS



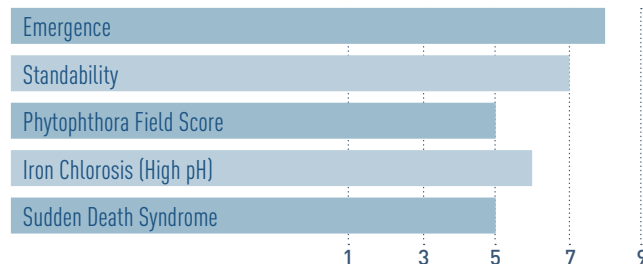
NEW
1821 E™

1.8 RM

- Enlist E3[®] product with the complete agronomic package for the northern cornbelt
- Very good tolerance to iron deficiency chlorosis
- Rps1k Phytophthora gene
- Good tolerance to white mold



AGRONOMICS



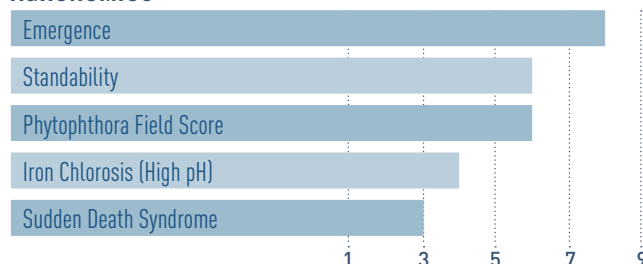
NEW
2141 E™

2.1 RM

- Enlist E3[®] yield leader for early-group 2 maturity
- Strong emergence in cool soils
- Rps1k Phytophthora gene
- Excels in high yield environments but provides good stress tolerance on marginal soils



AGRONOMICS





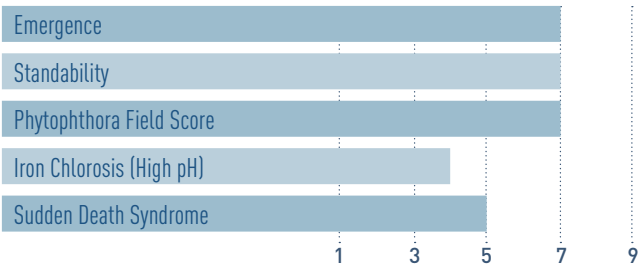
2240 E[™]

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



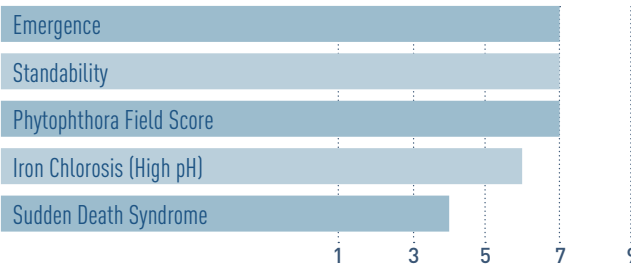
2245 E[™]

2.2 RM

- Enlist E3[®] product with broad adaptation and high yield
- Stacked Rps1a,3a Phytophthora genes
- Good tolerance to sudden death syndrome
- Excellent choice for high pH soils



AGRONOMICS



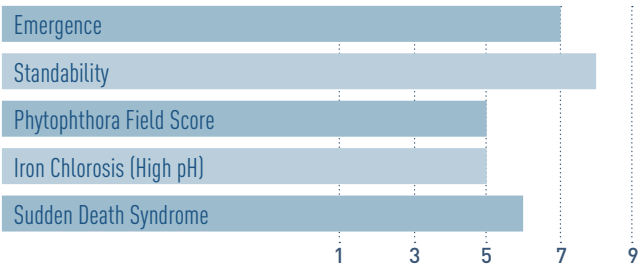
2480 E[™]

2.4 RM

- Enlist E3[®] product with a balanced combination of yield with good agronomics
- Rps1k Phytophthora gene
- Good tolerance to iron deficiency chlorosis
- Excellent standability



AGRONOMICS



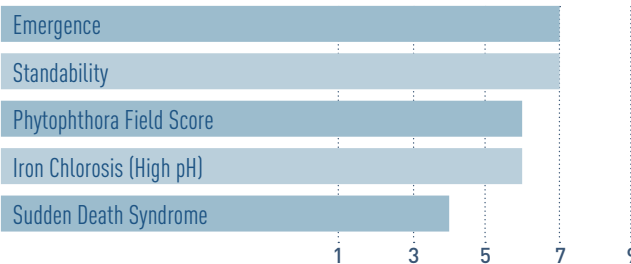
NEW 2421 E[™]

2.4 RM

- Enlist E3[®] soybean with Peking SCN resistance
- Very good tolerance to iron deficiency chlorosis
- Rps1k Phytophthora gene
- Widely adapted product for SD, IA, and NE



AGRONOMICS



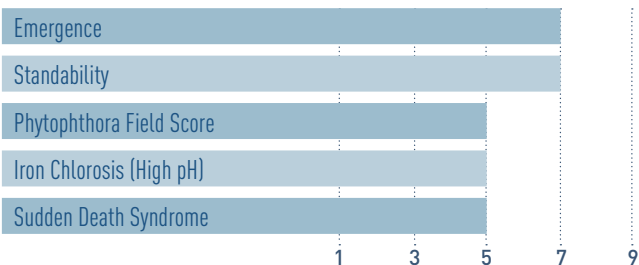
2660 E[™]

2.6 RM

- Enlist E3[®] 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



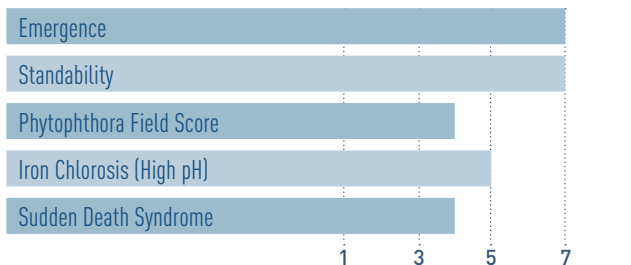
2820 E[™]

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



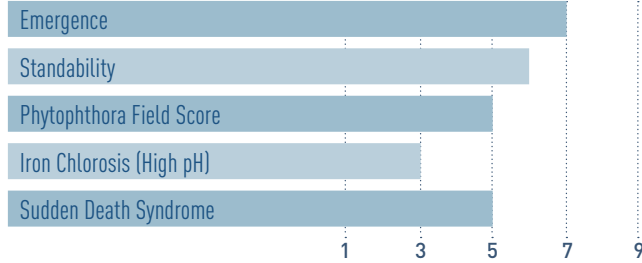
NEW
2831 E[™]

2.8 RM

- New Enlist E3[®] 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 too



AGRONOMICS



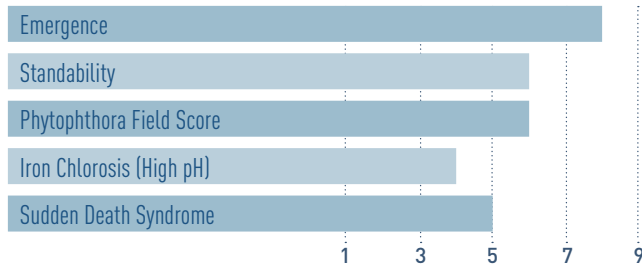
NEW
3141 E[™]

3.1 RM

- New Enlist E3[®] yield leader for early group 3
- Rps1c Phytophthora gene
- Excellent emergence in cool soils
- Excellent tolerance to frogeye leaf spot



AGRONOMICS



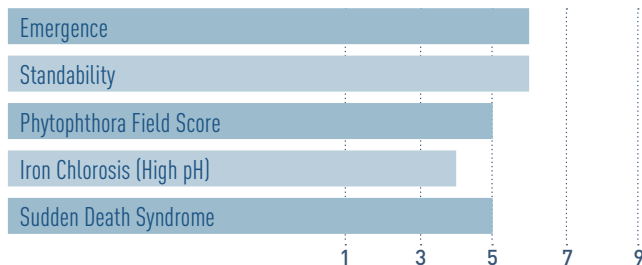
NEW
3421 SE[™]

3.4 RM

- Enlist E3[®] soybean stacked with STS[®] herbicide tolerance
- Offensive style product that handles stress on marginal soils
- Good canopy coverage with medium plant height
- High yield combined with stress tolerance for the western cornbelt



AGRONOMICS



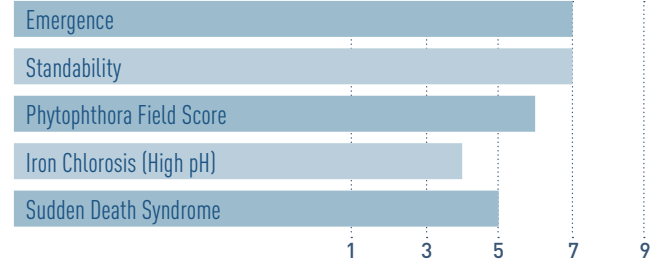
2970 E[™]

2.9 RM

- Enlist E3[®] soybean 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



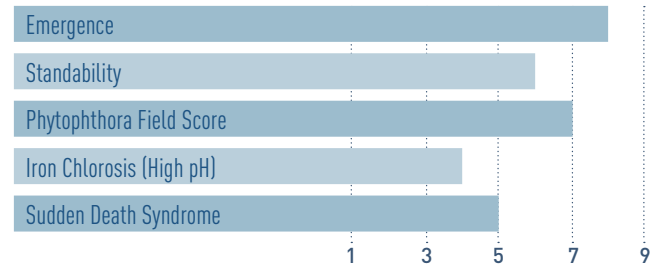
3350 E[™]

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



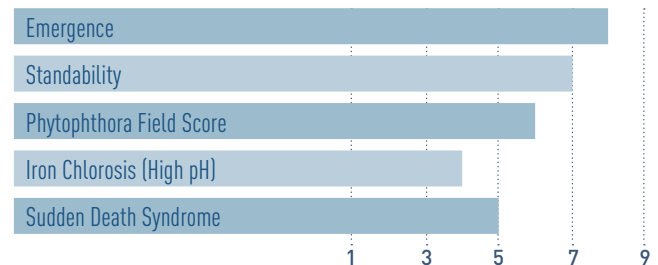
3591 E[™]

3.5 RM

- Enlist E3[®] 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





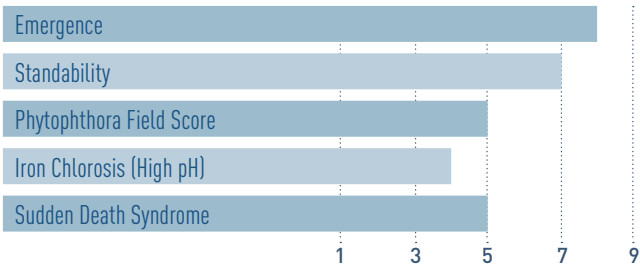
NEW
3731 E[™]



3.7 RM

- Enlist E3[®] soybean with solid agronomic package
- Excellent emergence in cool soils
- Very good tolerance to frogeye leaf spot
- Solid tolerance to sudden death syndrome

AGRONOMICS



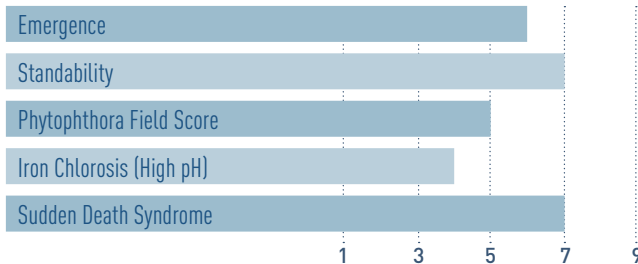
3921 E[™]



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



4081 SE[™]

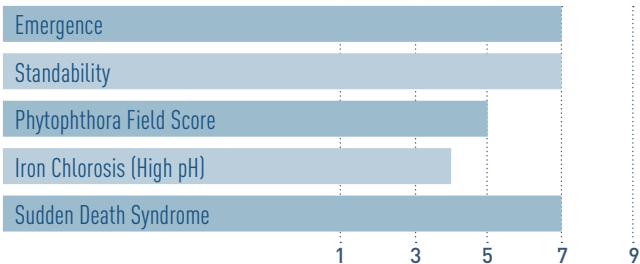


STS[®]
herbicide tolerant trait

4.0 RM

- Enlist E3[®] soybean stacked with STS herbicide tolerance
- High yield product for fertile soils and irrigation
- Very good tolerance to sudden death syndrome
- Good standability for fertile soils

AGRONOMICS



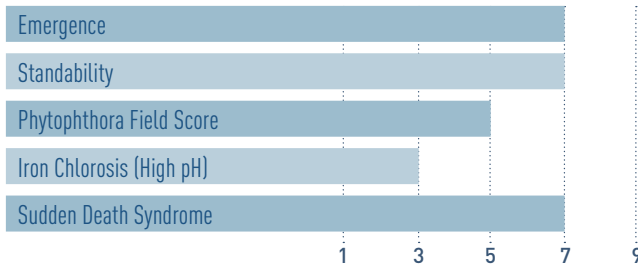
4161 E[™]



4.1 RM

- Enlist E3[®] soybean 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



4516 SE[™]

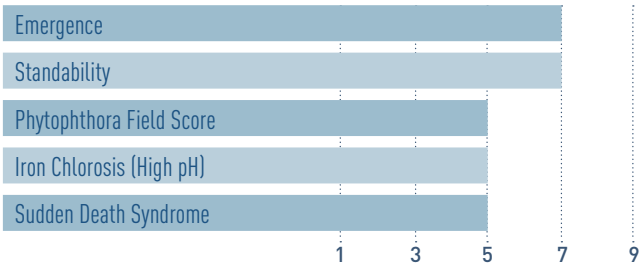


STS[®]
herbicide tolerant trait

4.5 RM

- Enlist E3[®] soybean stacked with STS herbicide tolerance
- Excellent tolerance to frogeye leaf spot
- Good tolerance to sudden death syndrome
- Medium height with good standability

AGRONOMICS



NEW
4622 SE[™]

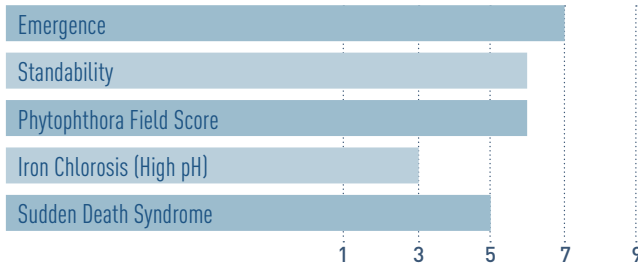


STS[®]
herbicide tolerant trait

4.6 RM

- Enlist E3[®] soybean stacked with STS herbicide tolerance
- Good stress tolerance on marginal soils
- Very good tolerance to charcoal rot and stem canker
- Above average plant height with a medium canopy

AGRONOMICS



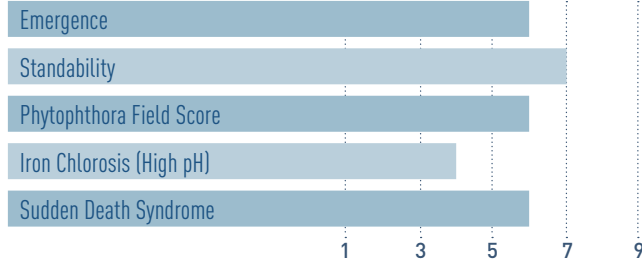
4641 E™

4.6 RM

- Enlist E3[®] soybean with strong top end yield potential
- Very good tolerance to sudden death syndrome
- Rps1k Phytophthora gene
- Strong tolerance to stem canker



AGRONOMICS



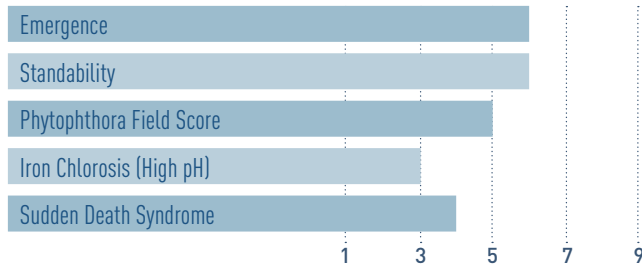
NEW 4921 SE™

4.9 RM

- Enlist E3[®] soybean stacked with STS[®] herbicide tolerance
- Very good performance on marginal soils
- Above average canopy coverage with medium plant height
- Rps1k Phytophthora gene



AGRONOMICS



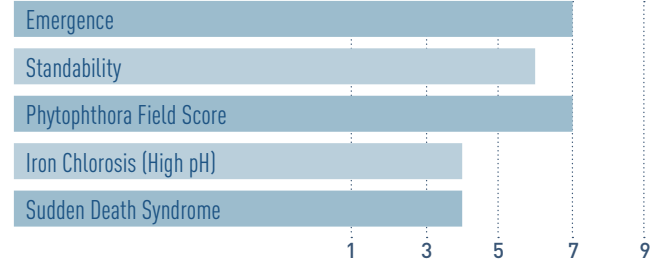
4860 E™

4.8 RM

- Versatile product with good stress tolerance
- Excellent tolerance to charcoal rot
- Very good tolerance to Phytophthora root rot
- Consistent performance on a wide variety of soil types



AGRONOMICS



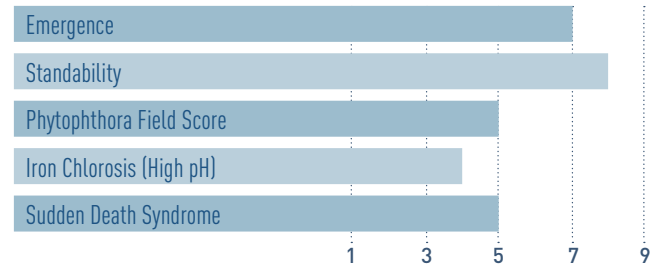
5110 E™

5.1 RM

- Enlist E3[®] soybean with determinate plant type
- Rps1k Phytophthora gene
- Good tolerance to charcoal rot
- Good tolerance to sudden death syndrome



AGRONOMICS





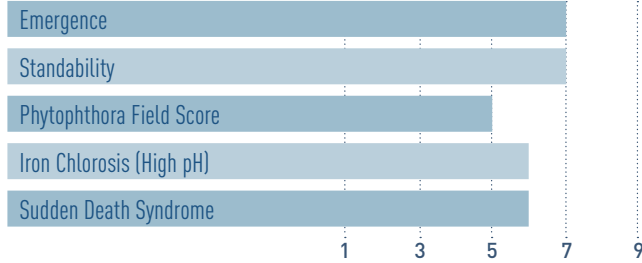
2202 NX™

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



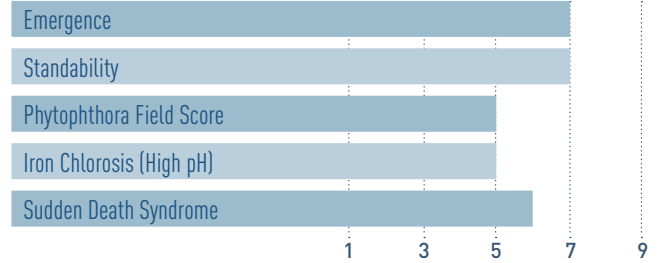
2781 NX™

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



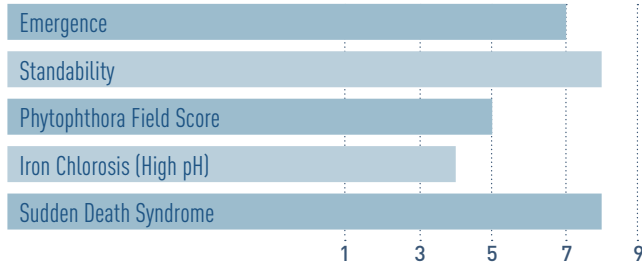
3166 NX™

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



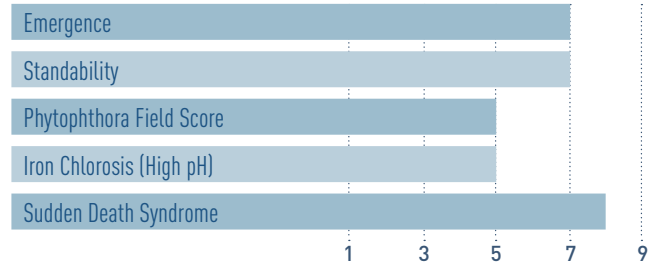
3650 NX™

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



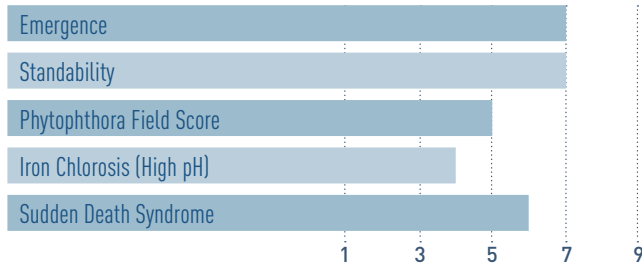
3871 NX™

3.8 RM

- Companion product to 3916 NX
- Nice balance between yield and defense
- Very good eastern movement
- High tolerance to brown stem rot



AGRONOMICS



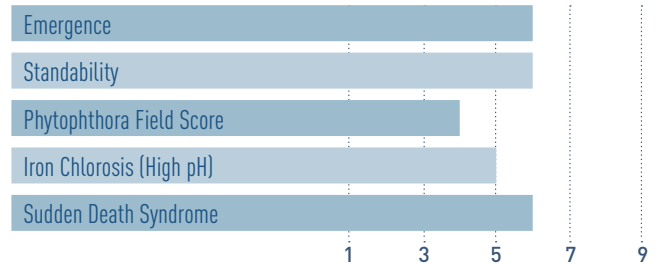
4051 NX™

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[®] TECHNOLOGY

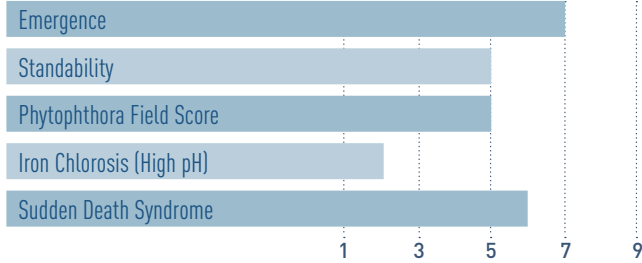
4211 NX[™]

4.2 RM

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



AGRONOMICS



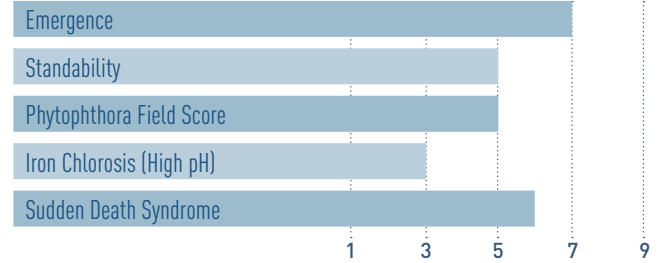
4757 NBX[™]

4.7 RM

- Taller plant type helps with canopy closure
- Good tolerance to sudden death syndrome
- Excellent tolerance to frogeye leaf spot
- Bolt herbicide tolerance for double crop



AGRONOMICS



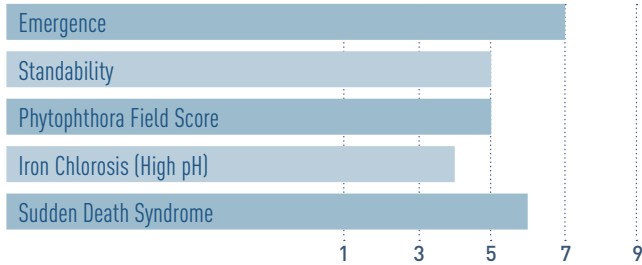
4969 NX[™]

4.9 RM

- Late group IV Roundup Ready 2 Xtend genetics with good southern movement
- Medium tall plant with good row cover
- Above average tolerance to saturated soils
- May lodge some in highly productive environments



AGRONOMICS





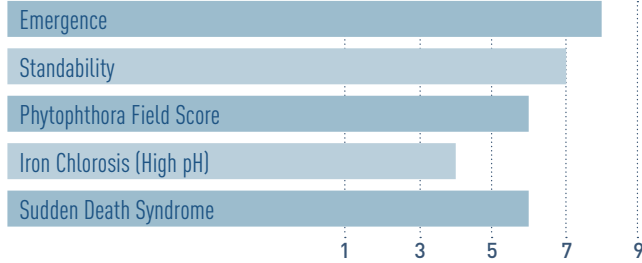
LL2221 N™

2.2 RM

- Early group II LibertyLink® genetics with outstanding yield potential
- Very good emergence
- Excellent tolerance to brown stem rot
- Very good phytophthora field tolerance



AGRONOMICS



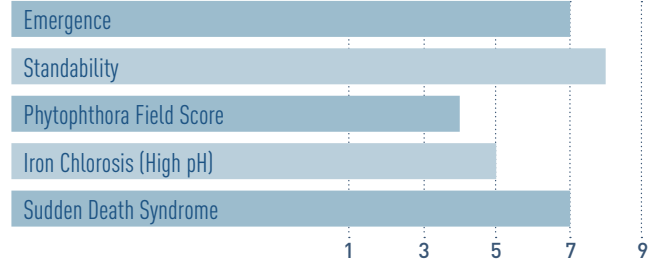
LL2641 N™

2.6 RM

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



AGRONOMICS



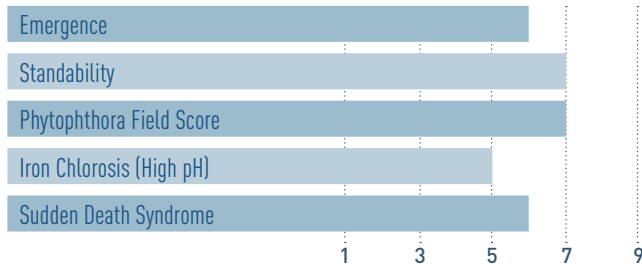
LL2850 N™

2.8 RM

- High performance LibertyLink® with broad adaptability
- Stacked Phytophthora gene for outstanding protection in poorly drained soils
- Versatile product with strong agronomic package
- Excellent tolerance to frogeye leaf spot



AGRONOMICS



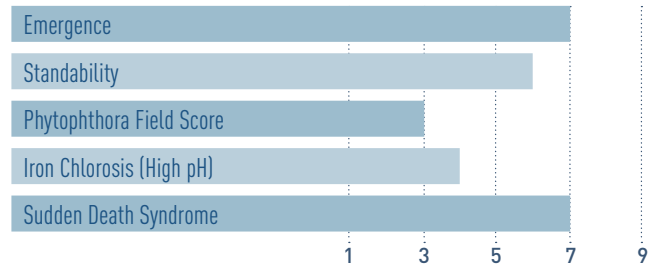
LL3220 N™

3.2 RM

- Yield leader with elite LibertyLink® genetics
- Peking SCN resistance
- Rps1k Phytophthora gene
- Very good tolerance to frogeye leaf spot



AGRONOMICS



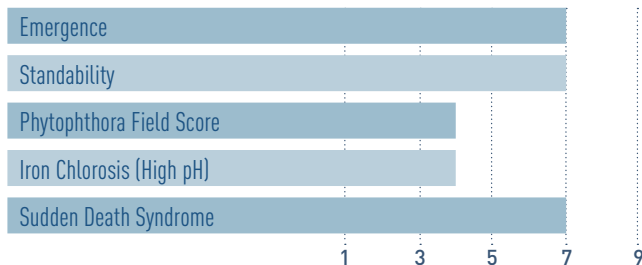
LL3820 N™

3.8 RM

- Elite LibertyLink® with broad acre adaptation
- Excellent harvest standability with above average height
- Very good tolerance to sudden death syndrome
- Rps1k Phytophthora gene



AGRONOMICS



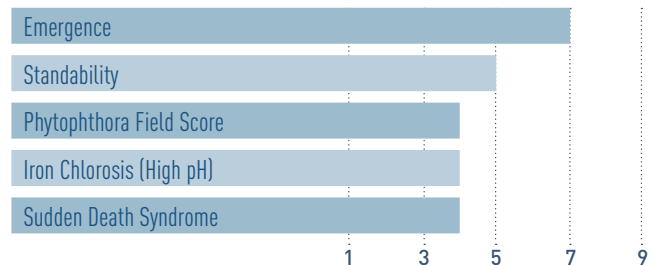
LL4000 N™

4.0 RM

- Offensive product for the Western Corn Belt
- Moderate plant height with good row cover
- Good frogeye leaf spot tolerance
- Good tolerance to preemerge PPO herbicides



AGRONOMICS





SOYBEAN BRANDS WITH LIBERTYLINK® GENE

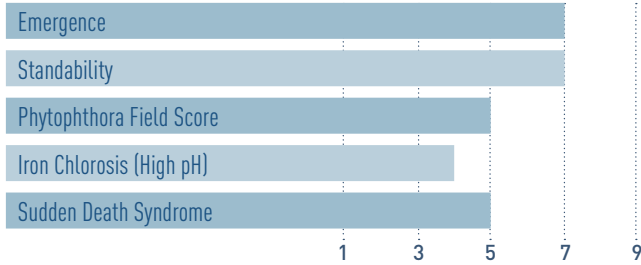
LL4571 N™

4.5 RM

- Elite LibertyLink® product performance for the Western Corn Belt
- Medium plant height with good standability
- Moderate salt tolerance
- Very good tolerance to stem canker



AGRONOMICS



GLYPHOSATE TOLERANT BRAND PRODUCTS

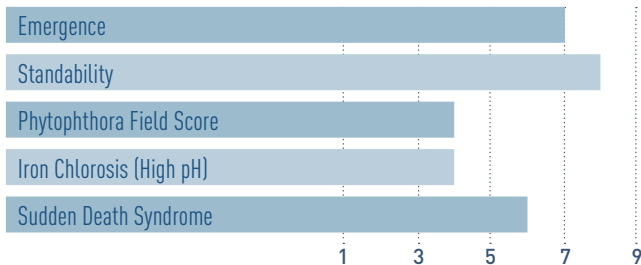
2590 NR™

2.5 RM

- High yield potential with consistency
- Well adapted to all row widths
- Excellent harvest standability
- Outstanding Peking SCN resistance



AGRONOMICS



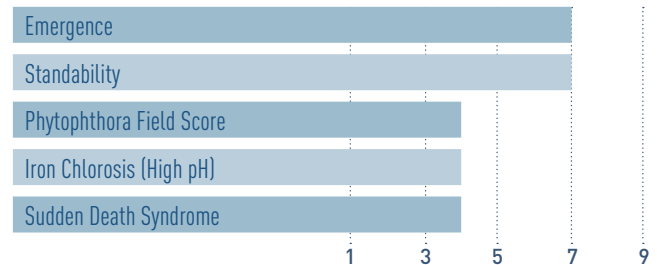
2811 NR™

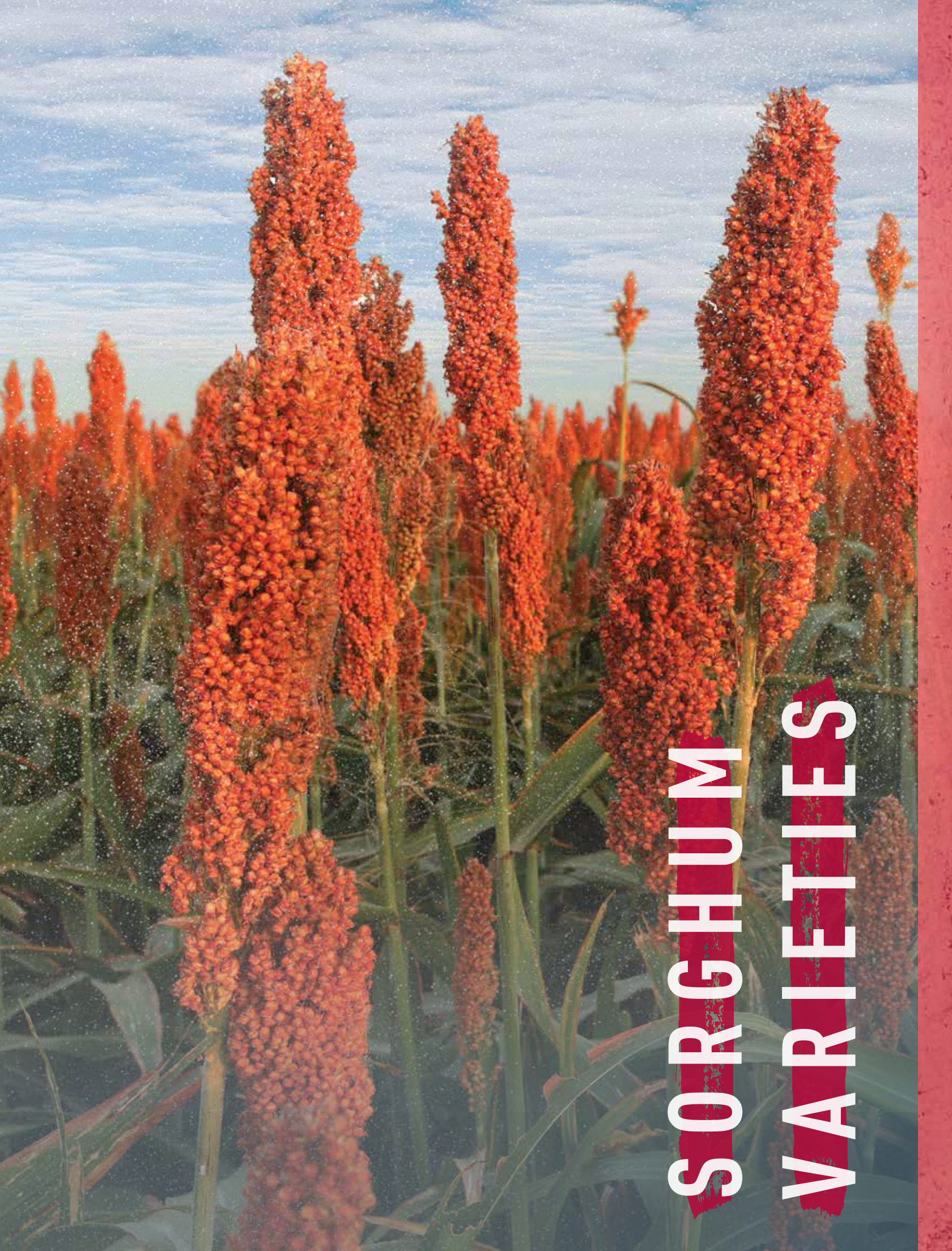
2.8 RM

- Western Corn Belt yield leader!
- Excellent frog eye leaf spot tolerance
- Well adapted to all soil types and row widths
- Best placed in fields with good drainage



AGRONOMICS





SORGHUM VARIETIES



SORGHUM RATINGS AND 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
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
H6092™	69	116	Red	7	6	5	8	7	NR	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

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

NEW 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

671™

MEDIUM SEASON

- The standard cream colored seeded hybrid
- Lacks height uniformity but uniform head type
- Moves north well
- Good drought stress tolerance

H6092™

MEDIUM TO FULL SEASON

- Excellent yield across geography
- High stalk strength score
- Excellent test weight
- High sugar cane aphid tolerance

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		
					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

FORAGE SORGHUM

* 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		
					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

SORGHUM X SUDANGRASS

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 a green alfalfa plant with serrated leaves. The background is dark and out of focus. A purple brushstroke graphic is overlaid on the image, serving as a background for the text.

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	Antiracnose	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 | **New varieties in green**

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 2020 harvest, and were the latest available at time of printing. Some scores may change after 2021 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 countries, 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.



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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 commercialized under a license from Syngenta Crop Protection AG.



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.

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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 (sulfonylurea) 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.

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. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

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