
SEED GUIDE
THE RIGHT SEED
FOR RIGHT HERE
2021
HOEGEMEYER
THE RIGHT SEED.


HOEGEMEYER
THE RIGHT SEED.

THE RIGHT SEED.
HAND-SELECTED FOR RIGHT HERE.

WE KNOW WHAT THRIVES HERE. BETTER THAN ANYONE.

Making the best genetics and research in the world, local. Handselecting only the right varieties specifically for the Western Corn Belt. At Hoegemeyer Hybrids, that's why our roots run deeper. We're born and raised right here, giving you agronomic expertise as genuine as our service and delivering higher yield results to prove it. Providing superior on-farm performance that's backed by rigorous agronomic testing. And we're only growing stronger, backed by Corteva Agriscience and advanced trait technologies. We've been here 80 years. And we'll be here many successful growing seasons to come.

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 in South Dakota, Nebraska, western Iowa, western Missouri, Kansas and Oklahoma.

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®	QROME	Q	
Optimum® AcreMax® XTreme	Optimum AcreMax XTreme	AMXT	
SmartStax® Refuge Advanced®	SmartStax Refuge Advanced	SXRA	
SmartStax® Enlist®	SmartStax Enlist Corn	SXE	
Optimum® AcreMax® Leptra®	Optimum AcreMax Leptra	AML	
Optimum® AcreMax®	Optimum AcreMax	AM	
PowerCore® Refuge Advanced®	PowerCore Refuge Advanced	PWRA	
Herculex® I	Herculex I HX, LibertyLink, Roundup Ready Corn 2	Hx/LL/RR	
Roundup Ready® Corn 2	Roundup Ready Corn 2	RR	
Conventional			

* Denotes HPT brand products. HPT® brand seed is distributed by Hoegemeyer. HPT® is a registered trademark of DuPont, Pioneer or their respective owners.

	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	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	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	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	95% (AVBL, YGCB, HX1, LL, RR2) 5% (LL, RR2)	Integrated refuge; no separate refuge required in the Corn Belt.	●	●		
	ABOVE	95% (YGCB, HX1, LL, RR2) 5% (LL, RR2)	Integrated refuge; no separate refuge required in the Corn Belt.	●	●		
	ABOVE	95% (VT2, HX1, RR2) 5% (LL, RR2)	Integrated refuge; no separate refuge required in the Corn Belt.	●	●		
	ABOVE		20% refuge up to 1/2 mile away	●	●		
				●			
	CONVENTIONAL						

THE HOEGEMEYER CORN NAMING SYSTEM

74 04 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

LumiGEN™

- **Robust Insect Control**
  – 500 rate of insecticide
- **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**
  – Protects against lesion, lance, stubby-root, dagger, ring, spiral, stunt, sting, needle, and root-knot nematodes
- **All part of our standard base corn treatment package**

For 2021, select products will be available with a new, even more robust Lumigen treatment package.

HOEGEMEYER
THE RIGHT SEED.

THE RIGHT SEED TO UNLOCK YOUR

TRUE YIELD POTENTIAL

QROME®

Dual mode above/below ground insect protection with excellent rootworm efficacy.

New molecular trait insertion for better yield potential.

More genetic options for greater diversity – 23 Qrome product options ranging from 91 to 116 RM.

CORN RATINGS AND CHARACTERISTICS

TRIPLE STACKS
CORN ROOTWORM/CORN BORER PROTECTION

			MATURITY			PLANT CHARACTERISTICS								
BRAND	Page	Tech Segment	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™		Q, LL, RR2	91	93	2170	4	4	7	5	5	5	6	5	
6560 Q™		Q, LL, RR2	95	96	2320	5	6	6	5	4	4	6	5	
6894 Q™		Q, LL, RR2	98	99	2420	5	6	6	6	6	4	6	6	
7089 AMXT™		AMXT, LL, RR2	100	101	2470	5	5	7	5	5	5	7	5	
7159 Q™		Q, LL, RR2	101	98	2440	6	6	7	6	4	4	7	5	
7211 Q™		Q, LL, RR2	102	99	2460	6	8	5	6	5	4	7	6	
7404 Q™		Q, LL, RR2	104	102	2510	4	7	6	6	5	5	6	7	
7436 Q™		Q, LL, RR2	104	107	2550	5	5	6	7	7	7	7	5	
7558 AMXT™		AMXT, LL, RR2	105	106	2530	6	6	7	5	4	4	5	6	
7692 Q™		Q, LL, RR2	106	110	2550	5	6	6	6	8	6	6	6	
7772 Q™		Q, LL, RR2	107	107	2590	5	7	5	6	5	5	6	6	
7818 AMXT™		AMXT, LL, RR2	108	107	2610	6	6	7	7	4	5	4	8	
7870 Q™		Q, LL, RR2	108	111	2620	6	6	7	6	5	5	6	6	
7901 AMXT™		AMXT, LL, RR2	109	108	2630	5	6	6	6	5	6	8	4	
7990 Q™		Q, LL, RR2	109	114	2630	5	7	6	6	6	6	6	5	
8050 AMXT™		AMXT, LL, RR2	110	111	2650	5	6	5	6	6	6	7	5	
8073 Q™		Q, LL, RR2	110	113	2670	4	6	8	6	6	6	5	6	
8085 Q™		Q, LL, RR2	110	111	2650	6	7	8	6	5	6	7	5	
8097 SXE™		SXE	110	111	2650	5	4	5	7	6	7	7	4	
8097 SXRA™		SXRA	110	111	2650	5	4	5	7	6	7	7	4	
8106 Q™		Q, LL, RR2	111	113	2690	5	6	6	6	5	5	5	6	
8140 SXRA™		SXRA	111	112	2680	6	6	6	5	6	7	7	5	
8188 Q™		Q, LL, RR2	111	112	2700	6	7	5	6	7	7	6	5	
8235 Q™		Q, LL, RR2	112	108	2680	5	7	7	7	5	6	5	7	
8268 Q™		Q, LL, RR2	112	111	2660	6	7	4	7	6	6	6	6	
8338 SXRA™		SXRA	113	113	2730	6	6	6	7	7	8	6	5	
8352 SXRA™		SXRA	113	111	2730	6	5	6	5	5	6	6	6	
8417 Q™		Q, LL, RR2	114	115	2760	5	8	5	6	7	5	6	5	
8491 Q™		Q, LL, RR2	114	111	2760	5	6	6	7	5	5	6	6	
8494 SXRA™		SXRA	114	114	2760	5	5	7	4	4	6	4	6	
8512 Q™		Q, LL, RR2	115	113	2770	4	5	7	6	5	5	6	5	
8519 Q™		Q, LL, RR2	115	117	2770	5	7	4	7	6	7	6	5	
8531 Q™		Q, LL, RR2	115	117	2790	5	4	4	6	7	6	8	4	
8637 Q™		Q, LL, RR2	116	114	2810	5	6	6	6	6	6	6	5	
8680 SXRA™		SXRA	116	118	2810	5	6	5	7	9	9	6	5	

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

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			STRESS AND DISEASE PACKAGE						HARVEST CHARACTERISTICS			END USE	
	Kernel Rows	Cob Color	Drought	Goss's Wilt	Gray Leaf Spot	Northern Leaf Blight	Anthracnose Stalk Rot	High pH	Staygreen	Test Weight	Drydown	Silage MAX	BRAND
	16-18	RED	6	7	4	7	NR	NR	5	5	3	NO	6117 Q™
	12-16	RED	6	6	5	5	4	6	7	4	4	NO	6560 Q™
	14-16	RED	6	7	5	4	NR	NR	4	4	6	YES	6894 Q™
	16-18	PINK	9	6	4	5	3	6	4	6	7	YES	7089 AMXT™
	16-18	RED	6	5	5	5	3	5	5	5	5	NO	7159 Q™
	16-18	RED	7	6	5	4	4	5	6	4	6	NO	7211 Q™
	16-18	PINK	9	7	4	5	3	5	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™
	16-18	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™
	14-18	PINK	6	4	5	4	5	6	7	6	6	NO	7870 Q™
	16-18	WHITE	7	5	4	5	4	5	6	6	4	YES	7901 AMXT™
	16-20	PINK	6	6	5	4	6	5	7	5	5	YES	7990 Q™
	16-18	WHITE	6	7	4	6	5	6	6	7	4	NO	8050 AMXT™
	16-18	WHITE	7	6	4	4	6	4	6	7	6	NO	8073 Q™
	18-20	RED	7	6	4	5	5	5	5	7	6	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	6	5	7	7	7	YES	8188 Q™
	16-18	PINK	9	6	4	5	5	5	6	8	6	NO	8235 Q™
	16-18	RED	8	6	6	5	4	5	8	6	4	NO	8268 Q™
	16-18	PINK	6	5	6	6	4	6	7	4	6	NO	8338 SXRA™
	16-18	PINK	7	8	4	6	NR	6	6	4	5	NO	8352 SXRA™
	16-20	PINK	7	7	6	6	4	5	8	5	8	YES	8417 Q™
	16-18	RED	9	7	5	4	3	5	6	5	6	NO	8491 Q™
	16-18	PINK	8	3	7	6	NR	5	6	5	5	NO	8494 SXRA™
	14-16	WHITE	8	7	4	6	4	5	6	6	5	NO	8512 Q™
	16-18	RED	6	7	6	7	4	5	7	6	6	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	7	5	YES	8637 Q™
	14-18	PINK	5	6	7	6	NR	5	5	4	5	YES	8680 SXRA™

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

			MATURITY			PLANT CHARACTERISTICS								
BRAND	Page	Tech Segment	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™*		AM, LL, RR2	93	93	2220	6	5	5	5	4	5	5	6	
6620 AM™*		AM, LL, RR2	96	98	2350	5	8	7	5	7	7	6	7	
6813 AM™*		AM, LL, RR2	98	100	2370	7	4	8	5	4	4	7	4	
6850 AM™*		AM, LL, RR2	98	98	2370	5	7	6	5	4	4	6	6	
7061 AM™*		AM, LL, RR2	100	100	2400	6	6	7	5	5	5	6	6	
7088 AM™*		AM, LL, RR2	100	101	2470	5	5	7	5	5	5	7	5	
7209 AM™*		AM, LL, RR2	102	99	2460	6	8	5	6	5	4	7	6	
7224 AM™*		AM, LL, RR2	102	101	2460	6	6	6	7	5	5	6	6	
7402 AM™*		AM, LL, RR2	104	102	2510	4	7	6	6	5	5	6	7	
7434 AM™*		AM, LL, RR2	104	107	2550	5	5	6	7	7	7	7	5	
7557 AM™*		AM, LL, RR2	105	106	2530	6	6	7	5	4	4	5	6	
7583 Hx/LL/RR™*		HX1, LL, RR2	105	103	2530	5	7	6	6	5	4	7	6	
7644 AM™*		AM, LL, RR2	106	104	2550	5	6	7	6	4	4	5	9	
7760 AM™*		AM, LL, RR2	107	104	2580	6	6	7	6	4	4	7	4	
7869 AM™*		AM, LL, RR2	108	111	2620	6	6	7	6	5	5	6	6	
7886 AM™*		AM, LL, RR2	108	111	2620	6	6	5	5	5	7	5	7	
7900 AM™*		AM, LL, RR2	109	108	2630	5	6	6	6	5	6	8	4	
7946 AM™*		AM, LL, RR2	109	109	2630	5	6	4	5	7	7	7	4	
7955 AML™*		AML, LL, RR2	109	109	2630	4	6	8	7	5	5	6	5	
8028 AM™*		AM, LL, RR2	110	111	2670	4	7	6	7	6	5	5	6	
8009 AM™*		AM, LL, RR2	110	105	2620	5	6	7	6	4	5	5	6	
8066 AM™*		AM, LL, RR2	110	108	2650	5	5	6	5	5	5	5	6	
8084 AM™*		AM, LL, RR2	110	111	2650	6	7	8	6	5	6	7	5	
8104 AM™*		AM, LL, RR2	111	113	2690	5	6	6	6	5	5	5	6	
8175 AM™*		AM, LL, RR2	111	111	2690	5	7	7	7	5	5	6	6	
8217 AM™*		AM, LL, RR2	112	107	2700	5	8	6	7	5	5	5	7	
8233 AM™*		AM, LL, RR2	112	108	2680	5	7	7	7	5	6	5	7	
8239 AM™*		AM, LL, RR2	112	109	2710	4	6	8	7	7	5	5	7	
8255 AM™*		AM, LL, RR2	112	108	2700	5	7	5	6	4	5	4	6	
8296 AML™*		AML, LL, RR2	112	114	2730	5	6	7	4	8	8	8	4	
8363 AM™*		AM, LL, RR2	112	111	2700	4	8	6	6	7	5	5	7	
8348 PWRA™		PWRA	113	116	2730	7	7	6	6	6	6	5	7	
8382 AM™*		AM, LL, RR2	113	109	2750	6	6	6	6	5	5	5	7	
8345 AM™*		AM, LL, RR2	114	117	2760	4	7	6	7	7	6	8	4	
8414 AM™*		AM, LL, RR2	114	115	2760	5	8	5	6	7	5	6	5	
8468 Leptra™*		Leptra	114	115	2760	4	7	8	6	7	8	8	4	
8490 AM™*		AM, LL, RR2	114	111	2760	5	6	6	7	5	5	6	6	
8511 AML™*		AML, LL, RR2	115	113	2770	4	5	7	6	5	5	6	5	
8518 AM™*		AM, LL, RR2	115	117	2770	5	7	4	7	6	7	6	5	
8529 AM™*		AM, LL, RR2	115	117	2790	5	4	4	6	7	6	8	4	
8636 AM™*		AM, LL, RR2	116	114	2810	5	6	6	6	6	6	6	5	
8750 AML™*		AML, LL, RR2	117	114	2830	5	7	7	5	7	6	6	6	

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			STRESS AND DISEASE PACKAGE						HARVEST CHARACTERISTICS			END USE	
	Kernel Rows	Cob Color	Drought	Goss's Wilt	Gray Leaf Spot	Northern Leaf Blight	Anthracnose Stalk Rot	High pH	Staygreen	Test Weight	Drydown	Silage MAX	BRAND
	14-16	RED	6	7	4	6	NR	NR	4	7	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	7	6	4	5	4	6	6	5	5	NO	6850 AM™*
	14-16	RED	7	5	3	5	5	5	5	5	3	NO	7061 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™*
	16-18	PINK	9	7	4	5	3	5	5	6	5	YES	7402 AM™*
	16-18	PINK	8	6	4	5	4	5	6	5	7	YES	7434 AM™*
	14-16	PINK	8	7	5	5	4	5	5	6	5	NO	7557 AM™*
	16-18	PINK	7	5	4	4	4	6	5	4	4	NO	7583 Hx/LL/RR™*
	16-18	RED	9	7	5	5	4	5	6	6	4	NO	7644 AM™*
	16-22	PINK	6	7	4	5	4	5	5	5	3	NO	7760 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	YES	7946 AM™*
	16-18	PINK	7	7	5	6	4	5	6	6	4	NO	7955 AML™*
	16-18	RED	7	7	6	6	6	4	6	6	3	NO	8028 AM™*
	14-16	WHITE	6	5	4	6	4	5	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	6	4	5	5	5	5	7	6	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	4	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	5	6	8	6	NO	8233 AM™*
	16-18	RED	8	6	6	5	4	4	7	7	6	NO	8239 AM™*
	14-18	RED	9	6	4	5	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™
	16-18	RED	7	4	6	5	4	6	8	7	7	NO	8382 AM™*
	16-20	RED	6	7	5	6	5	5	6	6	6	NO	8345 AM™*
	16-20	PINK	7	7	6	6	4	5	8	5	8	YES	8414 AM™*
	16-20	PINK	6	6	5	5	5	5	7	6	6	YES	8468 Leptra™*
	16-18	RED	9	7	5	4	3	5	6	5	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	7	4	5	7	6	6	YES	8518 AM™*
	16-20	RED	7	6	5	4	4	5	5	5	6	YES	8529 AM™*
	16-18	RED	6	7	6	3	3	4	6	7	5	YES	8636 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

	BRAND	Page	Tech Segment	MATURITY: Relative Maturity	MATURITY: Flowering RM	MATURITY: Heat Units to Black Layer	PLANT CHARACTERISTICS: Stress Emergence	Stalk Strength	Root Strength	Greensnap Tolerance	Plant Height for Maturity	Ear Height for Maturity	Low Population Response (Ear Flex)	High Population Response	
SINGLE STACKS HERBICIDE RESISTANCE	8065 RR™*		RR2	110	108	2650	5	5	6	5	5	5	5	6	
CONVENTIONAL NON-TRAIT	7086™*		Conventional	100	101	2470	5	5	7	5	5	5	7	5	
	7555™*		Conventional	105	106	2530	6	6	7	5	4	4	5	6	
	7902™*		Conventional	109	108	2630	5	6	6	6	5	6	8	4	
	7945™*		Conventional	109	109	2640	5	6	4	5	7	7	7	4	
	8064™*		Conventional	110	108	2650	5	5	6	5	5	5	5	6	
	8381™*		Conventional	113	109	2750	6	6	6	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

* Denotes HPT brand products. HPT® brand seed is distributed by Hoegemeyer. HPT® is a registered trademark of DuPont, Pioneer or their respective owners.

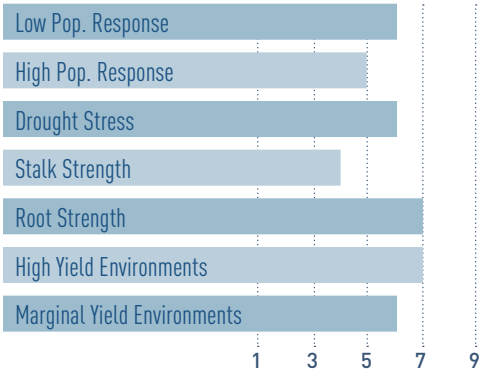
			STRESS AND DISEASE PACKAGE						HARVEST CHARACTERISTICS			END USE	
	Kernel Rows	Cob Color	Drought	Goss's Wilt	Gray Leaf Spot	Northern Leaf Blight	Anthracnose Stalk Rot	High pH	Staygreen	Test Weight	Drydown	Silage MAX	BRAND
SINGLE STACKS HERBICIDE RESISTANCE	14-18	RED	9	5	4	5	4	5	5	5	6	NO	8065 RR™*
	16-18	PINK	9	6	4	5	3	6	4	6	7	YES	7086™*
CONVENTIONAL NON-TRAIT	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	YES	7945™*
	14-18	RED	9	5	4	5	4	5	5	5	6	NO	8064™*
	16-18	RED	7	4	6	5	4	6	8	7	7	NO	8381™*

DROUGHT TOLERANCE SCALE

DROUGHT SCORE	GROWING ENVIRONMENT			
	Good Moisture Availability or Full Irrigation	Occasional Drought or Limited Irrigation	Prone to Drought Stress	Optimum AQUAmax Drought Tolerance
9	X	X	X	X
8	X	X	X	
7	X	X		
6	X			
5	X			

NEW 6117 Q™

AGRONOMICS



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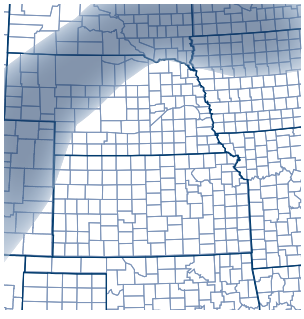
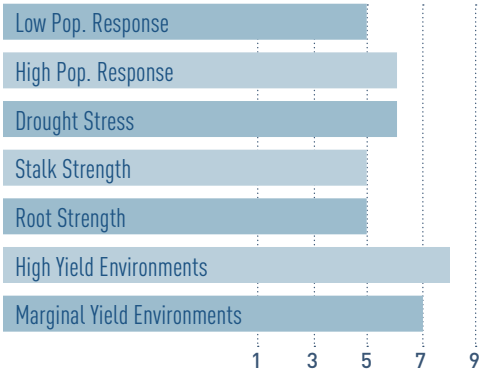


91RM – 2170 HEAT UNITS

- Exciting new 91 RM hybrid
- Excellent Northern Leaf Blight tolerance
- Manage late season stalks for timely harvest

NEW 6334 AM™*

AGRONOMICS



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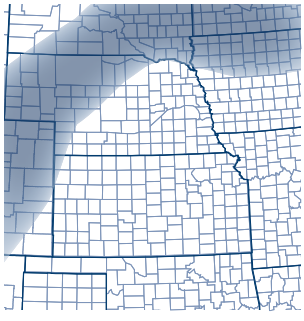
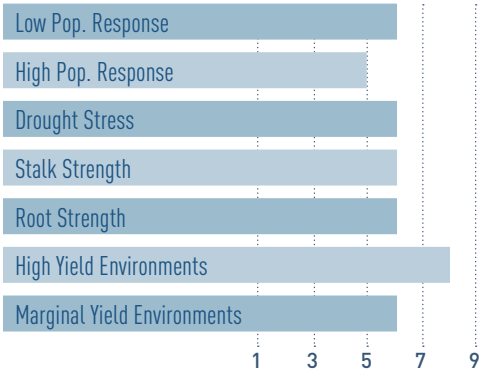


93RM – 2220 HEAT UNITS

- New level of yield potential in a 93 RM hybrid
- Good stress emergence
- Above average Northern Leaf Blight tolerance
- Heavy test weight

6560 Q™

AGRONOMICS



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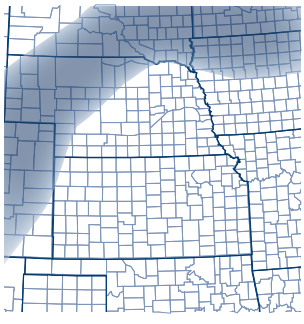

95RM – 2320 HEAT UNITS

- Qrome® triple stack product for soils with good productivity
- Excellent staygreen
- Medium statured plant type

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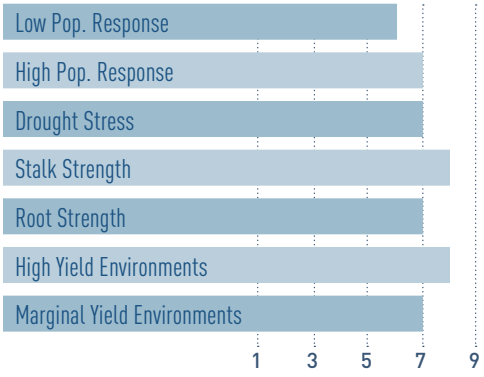
6620 AM™*

AGRONOMICS



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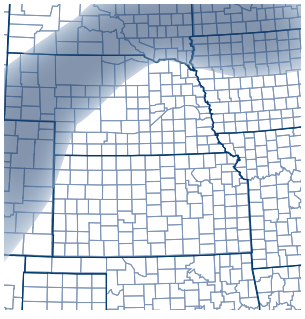


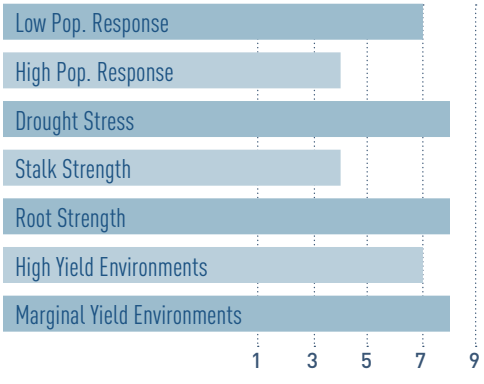
96RM – 2350 HEAT UNITS

- Excellent yield potential and versatility
- Tall, attractive plant suited for grain or silage use
- Good standability and disease package

Silage MAX

6813 AM™*

AGRONOMICS



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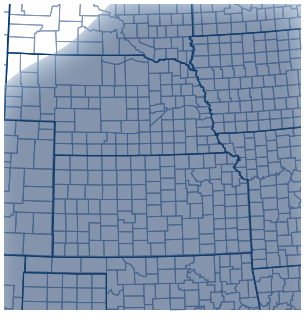
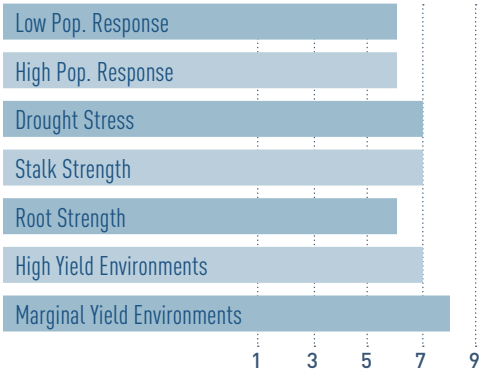


98RM – 2370 HEAT UNITS

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

6850 AM™*

AGRONOMICS



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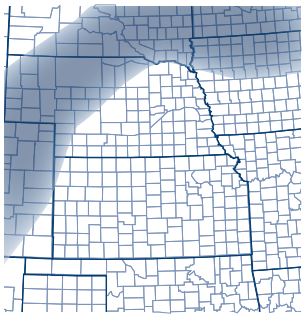
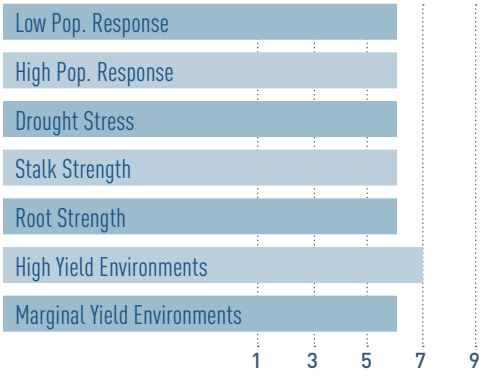


98RM – 2370 HEAT UNITS

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

NEW 6894 Q™

AGRONOMICS



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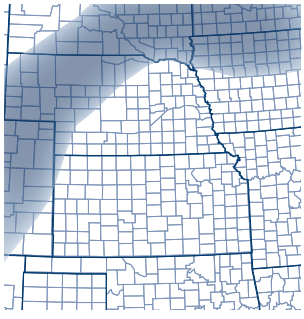


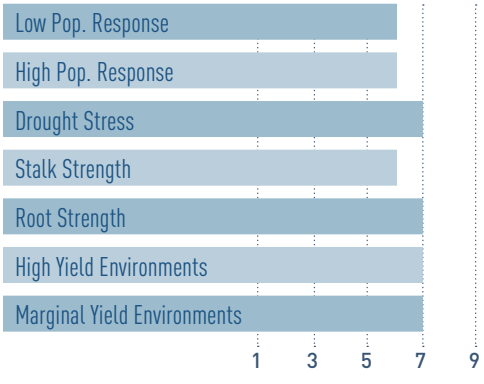
98RM – 2420 HEAT UNITS

- New genetics with good overall standability
- Qrome® trait package for excellent rootworm control
- Strong Goss's Wilt tolerance

Silage MAX

7061 AM™*

AGRONOMICS



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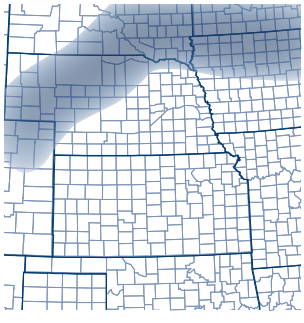
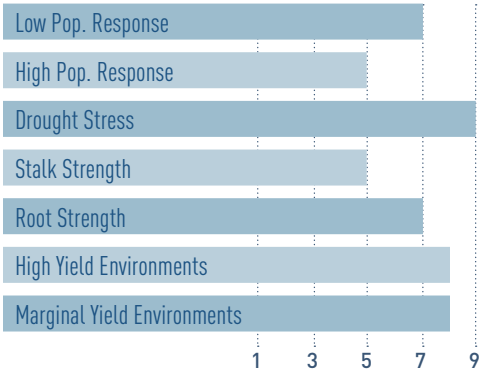


100RM – 2400 HEAT UNITS

- Good track record on heavier ground
- Strong emergence under early season stress conditions
- Above average standability

7086™* 7088 AM™* 7089 AMXT™

AGRONOMICS



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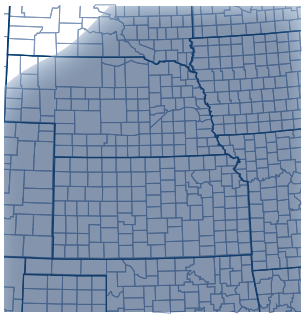

100RM – 2470 HEAT UNITS

- 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

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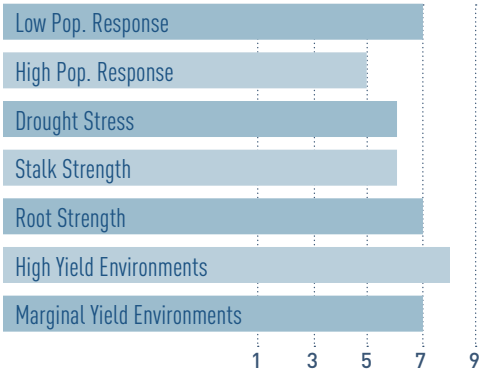
7159 Q™

AGRONOMICS



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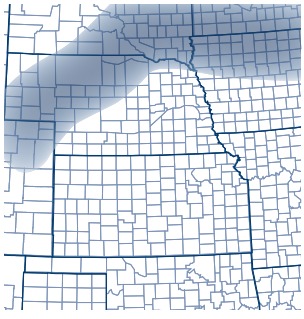
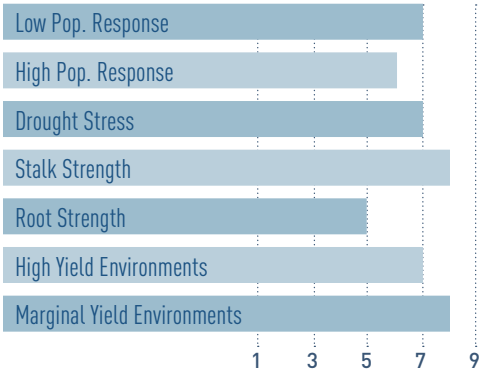


101RM – 2440 HEAT UNITS

- Qrome® trait package suited for high productivity acres
- Excellent choice for corn on corn
- Strong roots

7209 AM™• 7211 Q™

AGRONOMICS



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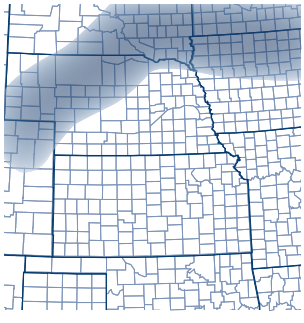
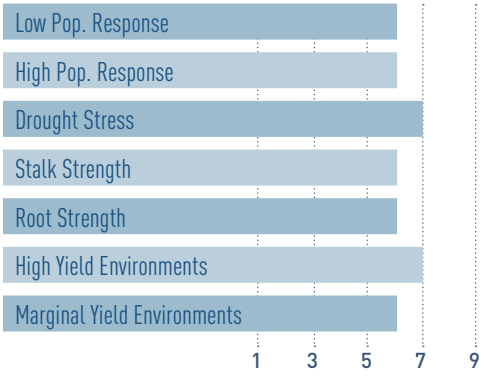


102RM – 2460 HEAT UNITS

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

7224 AM™•

AGRONOMICS



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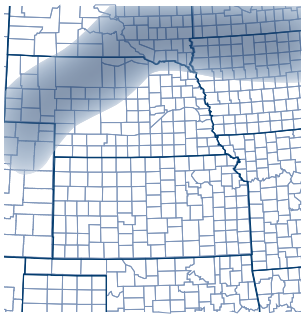


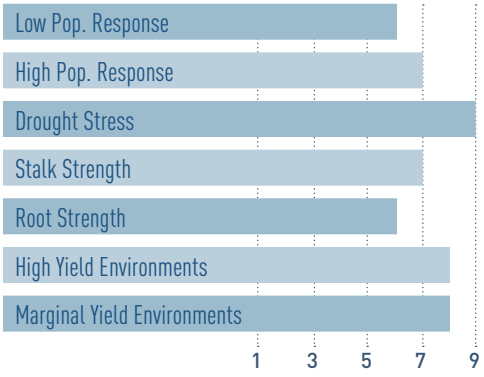
102RM – 2460 HEAT UNITS

- High top-end yield potential
- Moves north well as a 102 RM product
- Strong stress emergence, early flowering, and fast drydown

Silage MAX

7402 AM™* 7404 Q™

AGRONOMICS



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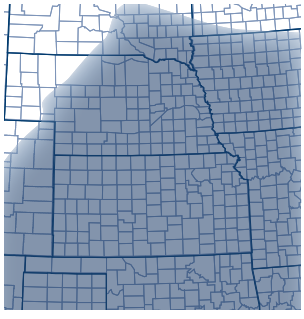


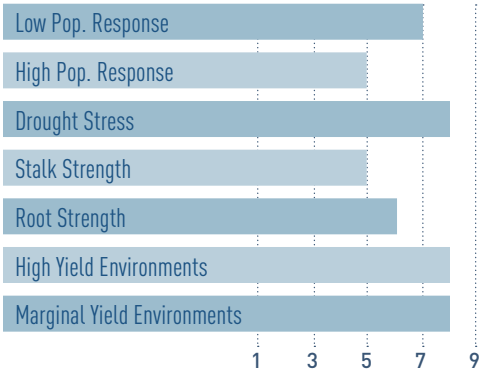
104RM – 2510 HEAT UNITS

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

Silage MAX

7434 AM™* 7436 Q™

AGRONOMICS



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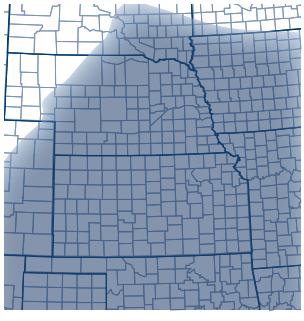


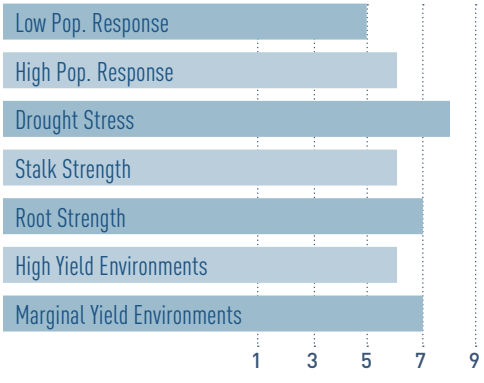
104RM – 2550 HEAT UNITS

- 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™* 7557 AM™* 7558 AMXT™

AGRONOMICS



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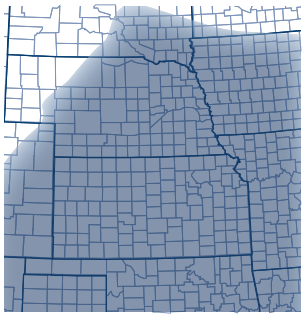

105RM – 2530 HEAT UNITS

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

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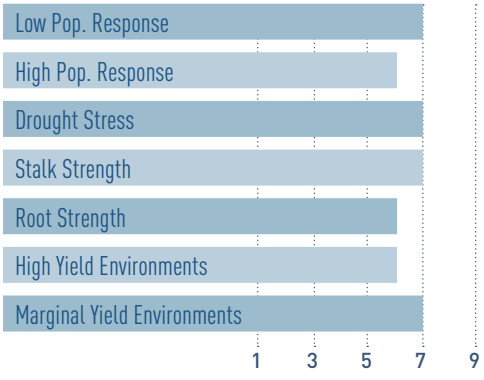
7583 HX/LL/RR™*

AGRONOMICS



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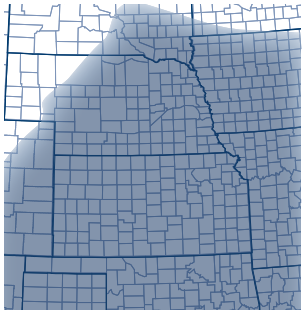
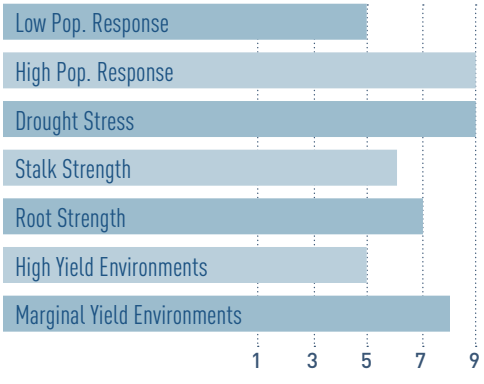


105RM – 2530 HEAT UNITS

- Proven hybrid with stress tolerance and ear flex
- Moves south well and handles the heat
- Good late season stalks

7644 AM™

AGRONOMICS



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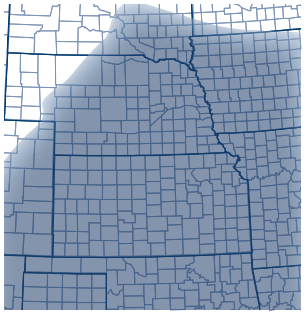
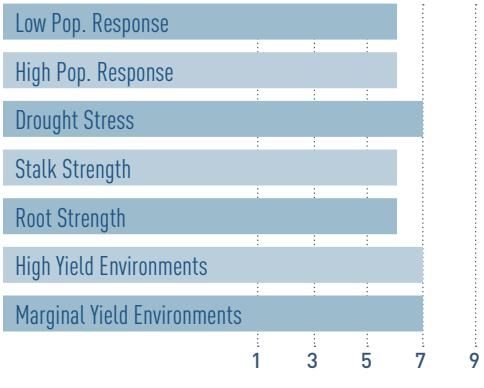


106RM – 2550 HEAT UNITS

- Optimum® AQUAmax® product with an excellent track record under tough drought conditions
- Plant at aggressive populations for best results
- Very good tolerance to both Goss's Wilt and Head Smut

7692 Q™

AGRONOMICS



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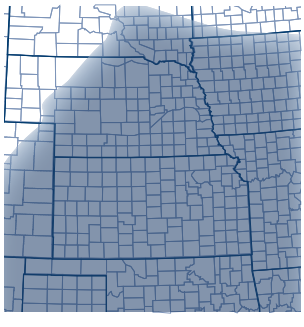


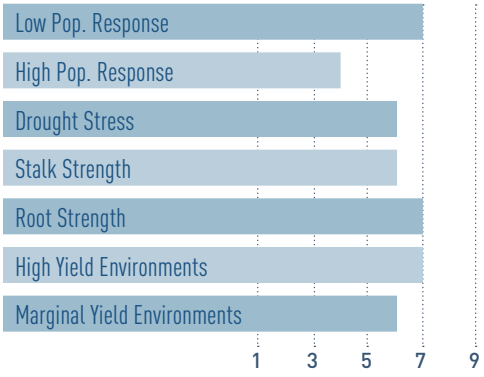
106RM – 2550 HEAT UNITS

- 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

7760 AM™*

AGRONOMICS



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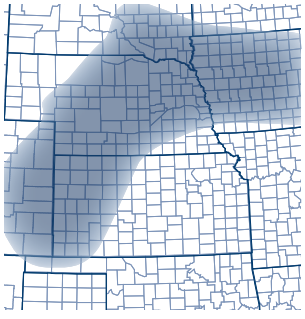
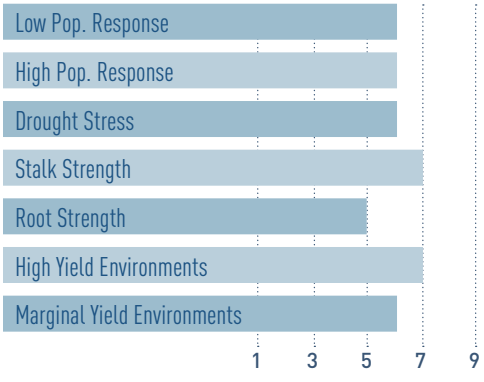


107RM – 2580 HEAT UNITS

- High top-end yield potential with a girthy ear
- Well-adpated to Iowa, Nebraska, and South Dakota
- Excellent Goss's Wilt tolerance
- Strong stress emergence

NEW 7772 Q™

AGRONOMICS



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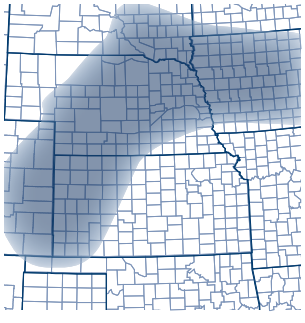
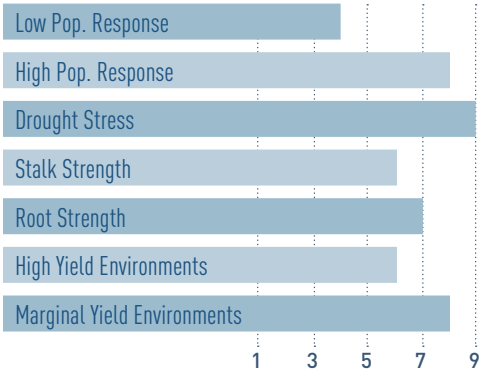


107RM – 2590 HEAT UNITS

- New Qrome® version of the 7771 AM genetic family
- Girthy ear with high top-end yield potential
- Outstanding plant health and staygreen

7818 AMXT™

AGRONOMICS



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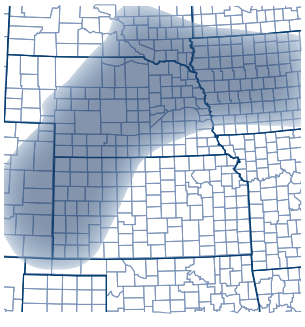

108RM – 2610 HEAT UNITS

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

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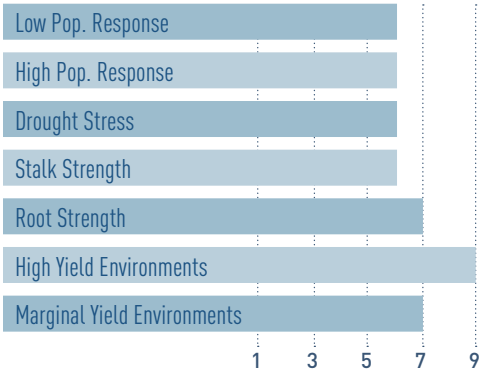
NEW 7869 AM™* NEW 7870 Q™

AGRONOMICS



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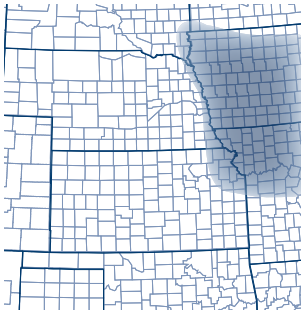
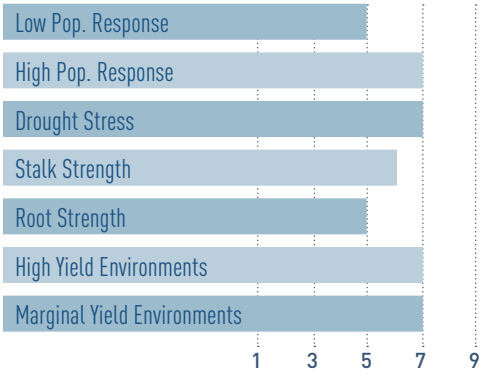


108RM – 2620 HEAT UNITS

- Exciting new genetic family for Iowa and Missouri
- Very good stress emergence for heavier soils
- Good root strength

7886 AM™*

AGRONOMICS



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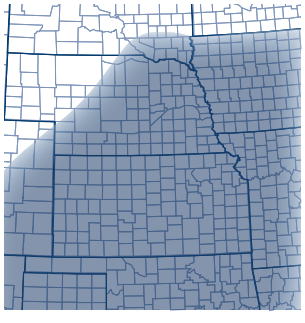
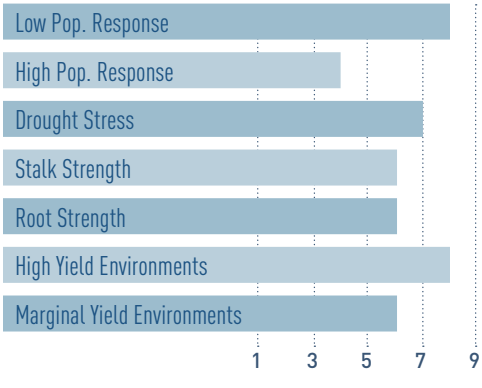


108RM – 2620 HEAT UNITS

- Strong performance in competitive trials in 2018 and 2019
- Good stress emergence
- Girthy ears
- Plant at moderate to aggressive planting populations

7902™* 7900 AM™* 7901 AMXT™

AGRONOMICS



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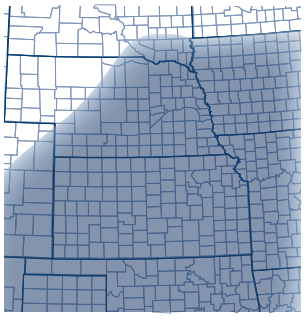


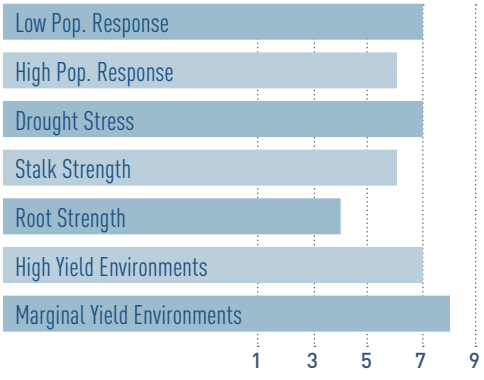
109RM – 2630 HEAT UNITS

- High top-end yield potential
- Best suited for fields with good soil moisture availability or irrigation
- Monitor for timely harvest

Silage MAX

7945™* 7946 AM™*

AGRONOMICS



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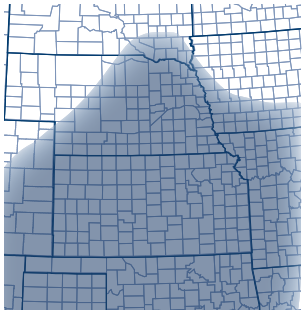


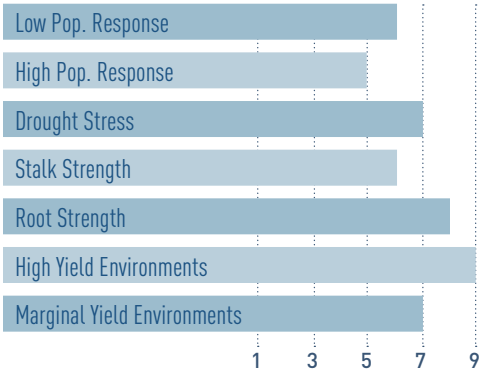
109RM – 2640 HEAT UNITS

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

Silage MAX

7955 AML™*

AGRONOMICS



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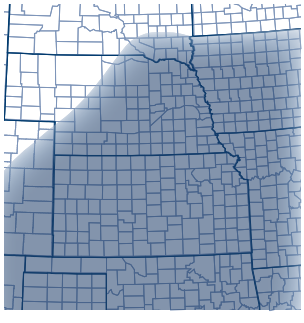
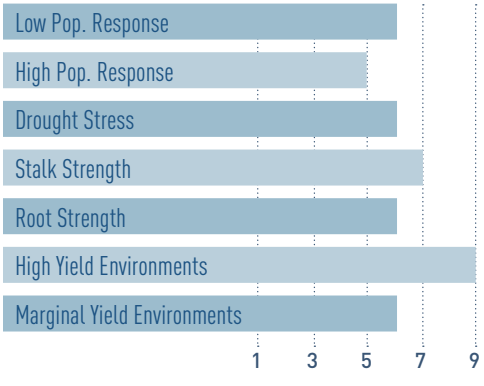


109RM – 2630 HEAT UNITS

- Optimum® AcreMax® Leptra® hybrid with consistent performance over a broad area
- Elite genetics featuring strong greensnap tolerance
- Excellent tolerance to Goss's Wilt
- Heavy test weight

7990 Q™

AGRONOMICS



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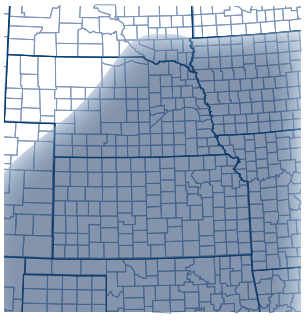

109RM – 2630 HEAT UNITS

- Great choice for corn on corn acres and any high yield environment
- Highest yielding triple stack hybrid in the 2019 Northeast Nebraska F.I.R.S.T. plots
- Good overall standability
- Foliar fungicide recommended for maximum performance

Silage MAX

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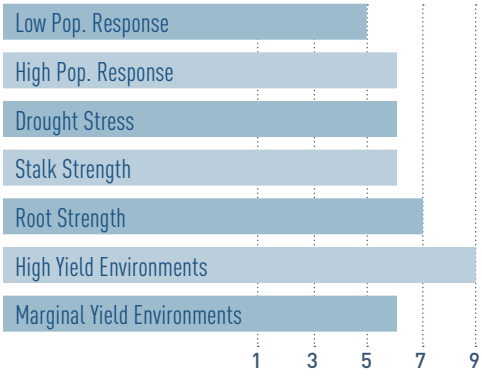
NEW 8009 AM™*

AGRONOMICS



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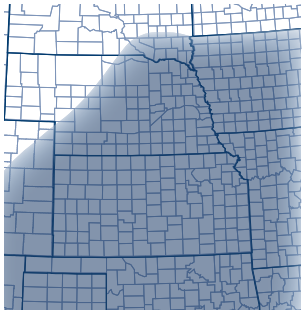
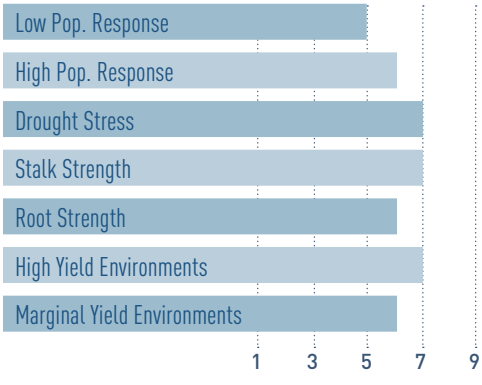


110RM – 2620 HEAT UNITS

- Raw top-end yield in a new genetic package
- Moderate plant stature
- Best positioned on higher yielding acres

8028 AM™*

AGRONOMICS



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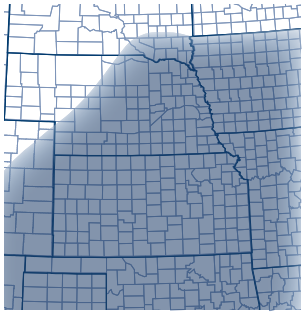
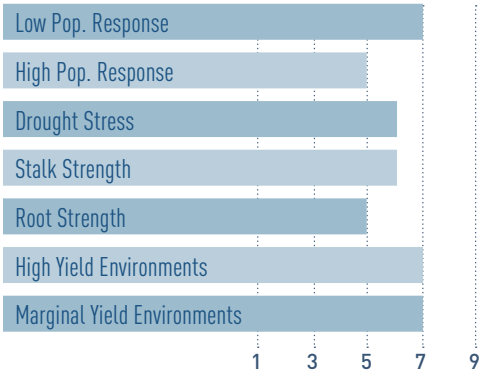


110RM – 2670 HEAT UNITS

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

8050 AMXT™

AGRONOMICS



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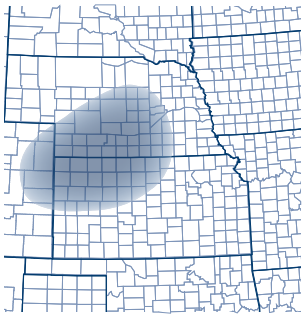
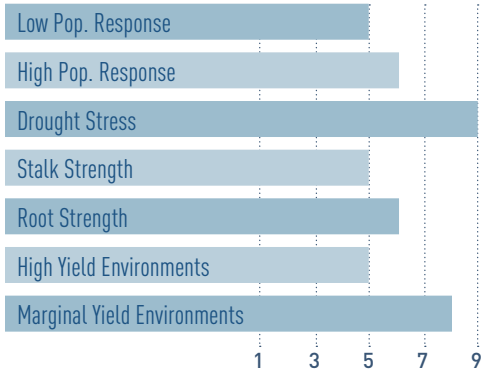


110RM – 2650 HEAT UNITS

- Best suited for higher management acres. Avoid drought prone fields
- Good tolerance to Northern Leaf Blight and Goss's Wilt
- Heavy test weight

8064™* 8065 RR™* 8066 AM™*

AGRONOMICS



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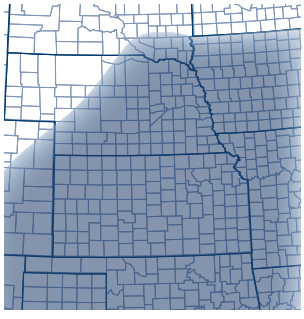
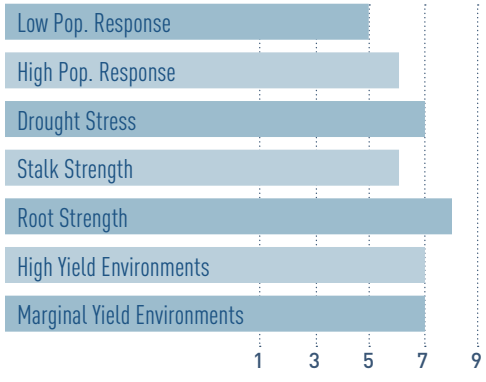


110RM – 2650 HEAT UNITS

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

8073 Q™

AGRONOMICS



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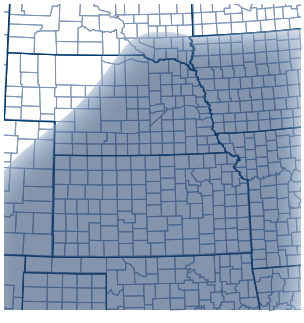
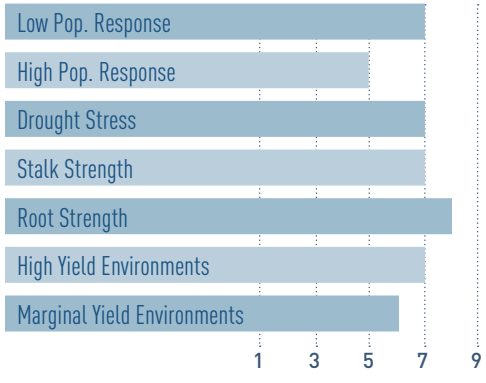


110RM – 2670 HEAT UNITS

- Qrome® triple stack product with excellent standability and intactness
- Handles stress while delivering at the top-end
- Heavy test weight

NEW 8084 AM™* NEW 8085 Q™

AGRONOMICS



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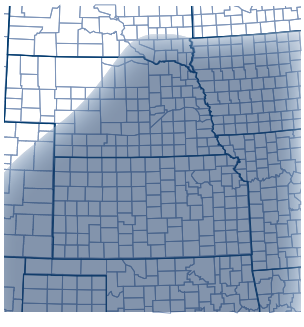

110RM – 2650 HEAT UNITS

- New genetics with excellent standability
- Outstanding root strength
- Consistent product type
- Moderate stature

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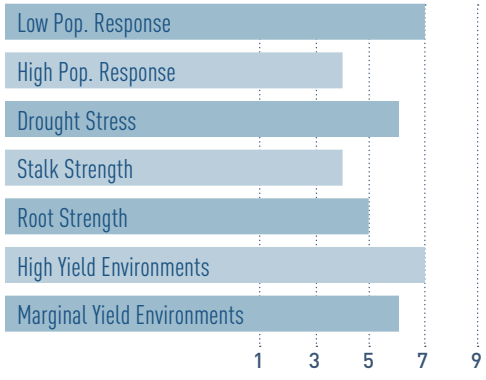
8097 SXE™ 8097 SXRA™

AGRONOMICS



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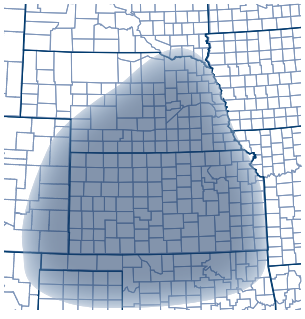
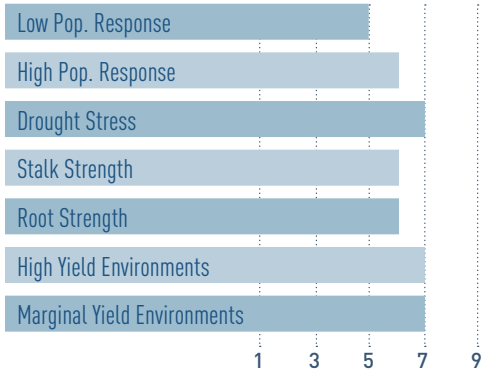


110RM – 2650 HEAT UNITS

- Western-adapted product
- Works on high pH soils
- Good heat tolerance allows southern movement
- 8097 SXE includes the Enlist Corn trait with tolerance to 2,4-D Choline and Dupont Assure II herbicides

8104 AM™* 8106 Q™

AGRONOMICS



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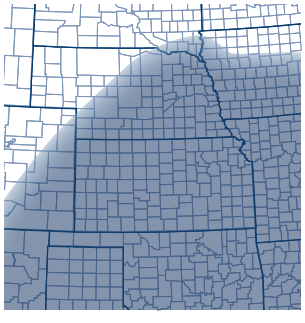
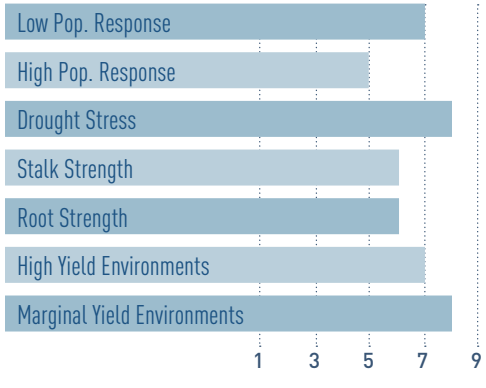


111RM – 2690 HEAT UNITS

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

8140 SXRA™

AGRONOMICS



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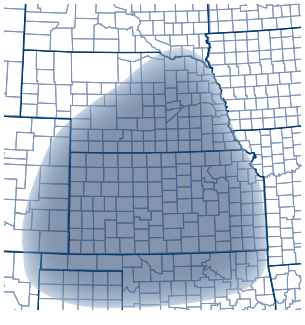
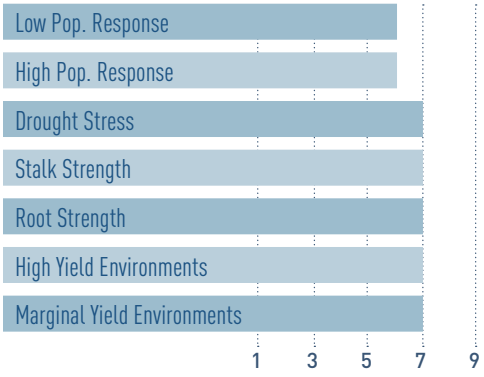


111RM – 2680 HEAT UNITS

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

8175 AM™*

AGRONOMICS



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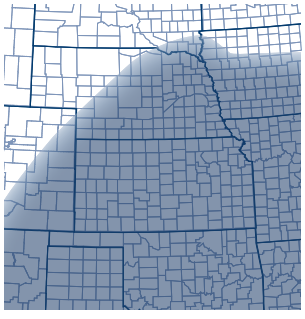
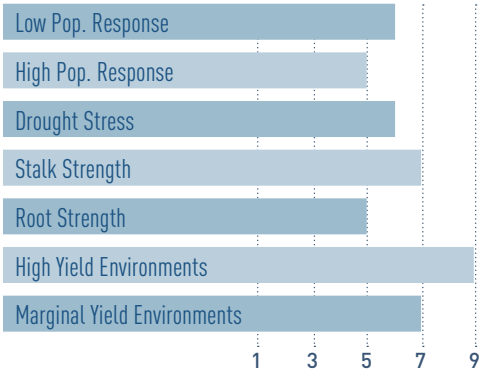


111RM – 2690 HEAT UNITS

- Western Corn Belt style of hybrid
- Excels in average to above average yield environments
- Excellent season-long standability
- Attractive grain with good test weight

NEW 8188 Q™

AGRONOMICS



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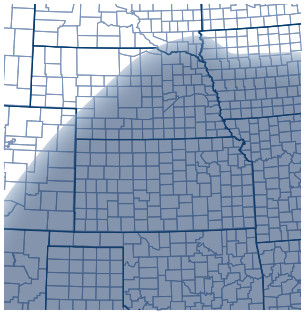


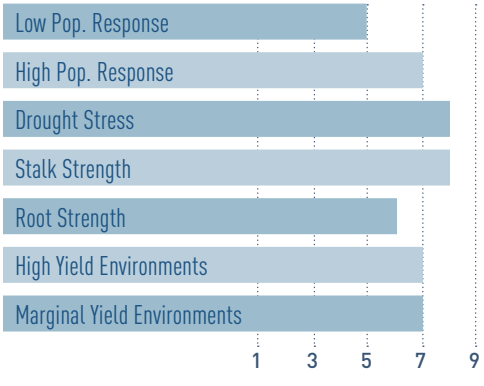
111RM – 2700 HEAT UNITS

- Elite new Qrome® product with high yield potential
- Great agronomic package for corn on corn and high residue fields
- Good stress emergence
- Heavy test weight

Silage MAX

8217 AM™*

AGRONOMICS



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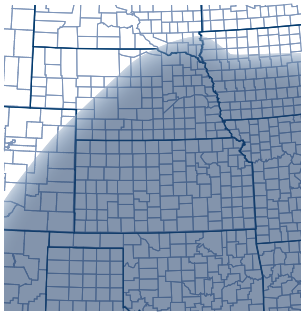

112RM – 2700 HEAT UNITS

- Broadly adapted product with very good drought tolerance
- Superb standability throughout the growing and harvest seasons
- Early flowering and heat tolerance makes this hybrid suitable for southern areas

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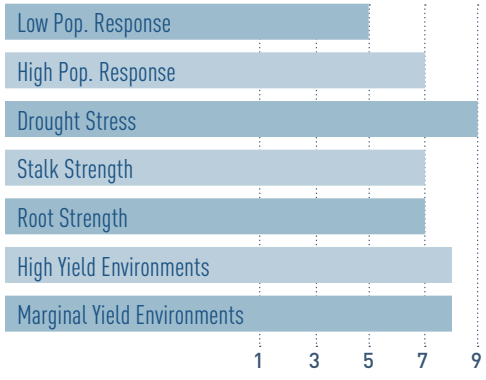
NEW 8233 AM™ NEW 8235 Q™

AGRONOMICS



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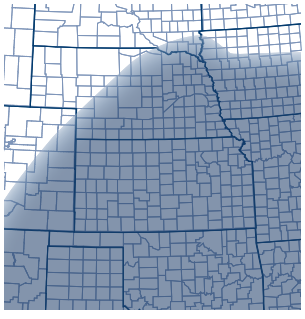
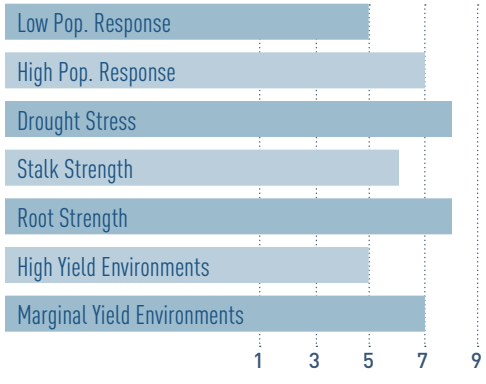


112RM – 2680 HEAT UNITS

- Elite new genetics with maximum versatility
- Optimum® AQUAmax® drought tolerance
- Good top-end yield ability
- Excellent standability

8239 AM™

AGRONOMICS



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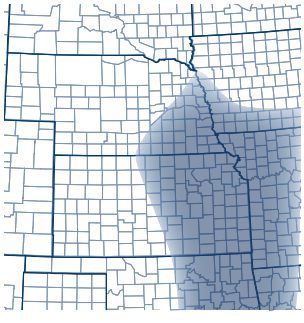
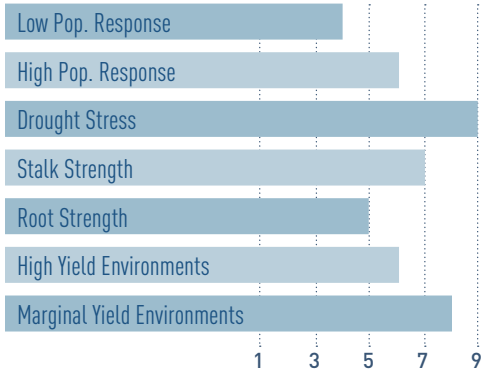


112RM – 2710 HEAT UNITS

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

8255 AM™

AGRONOMICS



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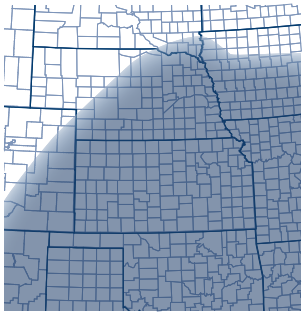


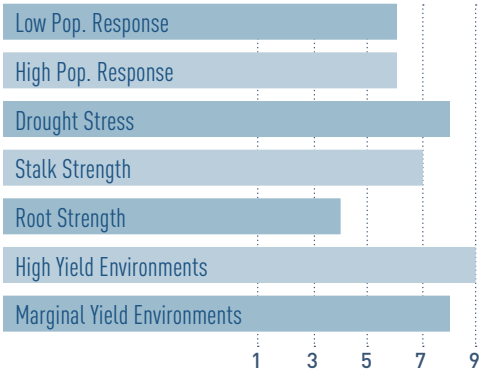
112RM – 2700 HEAT UNITS

- 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

NEW

8268 Q™

AGRONOMICS



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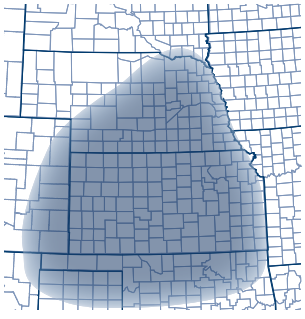
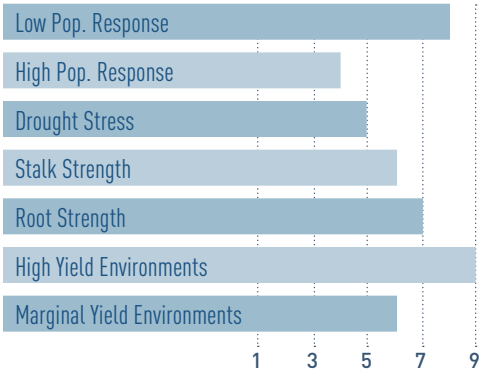


112RM – 2660 HEAT UNITS

- New Qrome® product with high top-end yield potential
- Excellent overall plant health
- Good drought tolerance
- Avoid fields and soil types prone to root-lodging

8296 AML™*

AGRONOMICS



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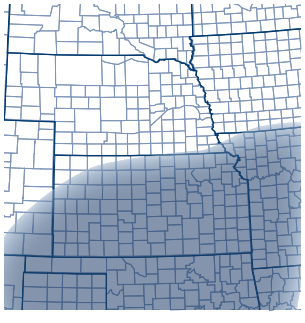


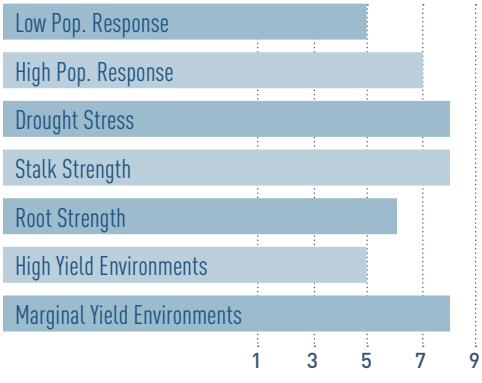
112RM – 2730 HEAT UNITS

- 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

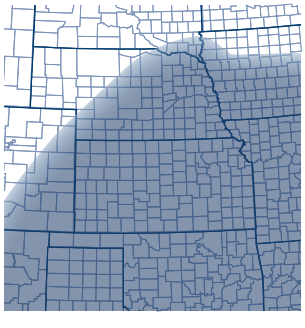
Silage MAX

8363 AM™*

AGRONOMICS



RECOMMENDED GEOGRAPHY



112RM – 2700 HEAT UNITS

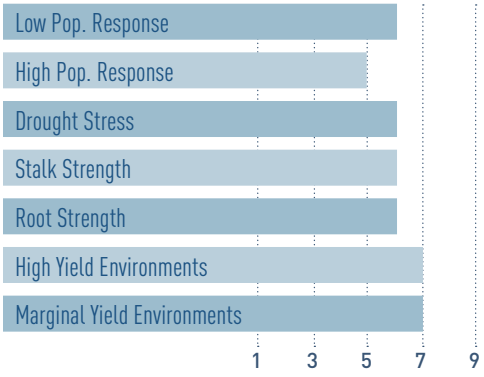
- Proven genetic family with season-long standability
- Handles heat and drought stress
- Maintains plant integrity late into the season

Silage MAX

* Denotes HPT brand products. HPT® brand seed is distributed by Hoegemeyer. HPT® is a registered trademark of DuPont, Pioneer or their respective owners.

8338 SXRA™

AGRONOMICS



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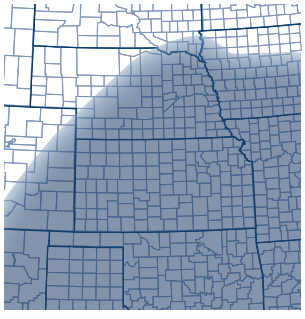
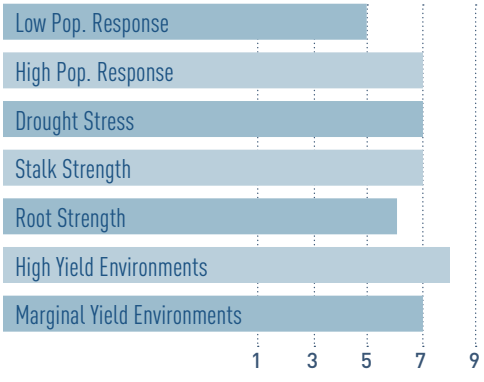


113RM – 2730 HEAT UNITS

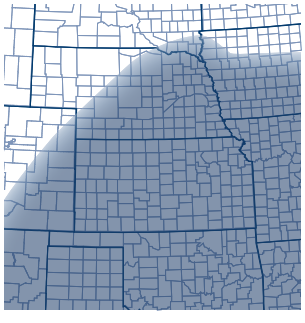
- Attractive, healthy hybrid with good disease tolerance
- Strong out of the ground
- Works well on rotated and corn on corn acres

8348 PWRA™

AGRONOMICS



RECOMMENDED GEOGRAPHY

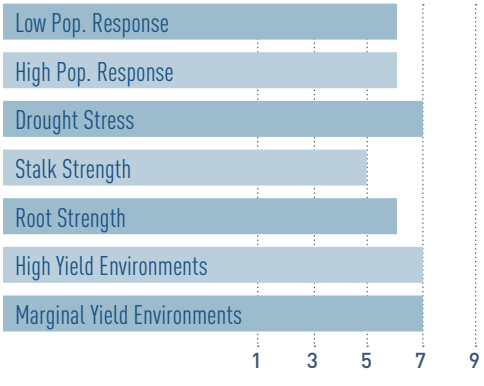


113RM – 2730 HEAT UNITS

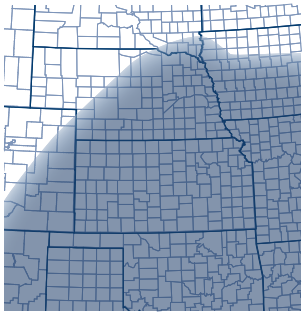
- Consistent performer and broadly adapted
- Excellent stress emergence
- Responds favorably to a foliar fungicide

8352 SXRA™

AGRONOMICS



RECOMMENDED GEOGRAPHY

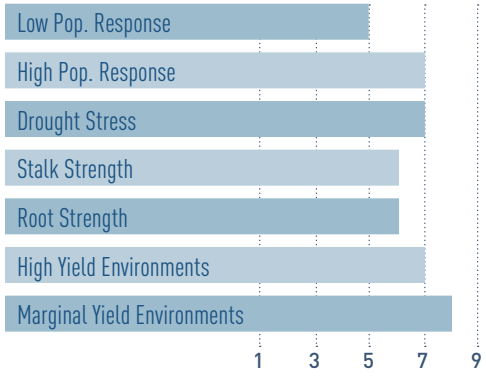


113RM – 2730 HEAT UNITS

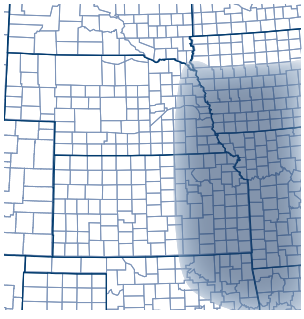
- Good yield consistency on both rotated and corn on corn acres
- Works best in Nebraska and Kansas
- Excellent Goss's Wilt and Northern Leaf Blight tolerance

8381™* 8382 AM™*

AGRONOMICS



RECOMMENDED GEOGRAPHY

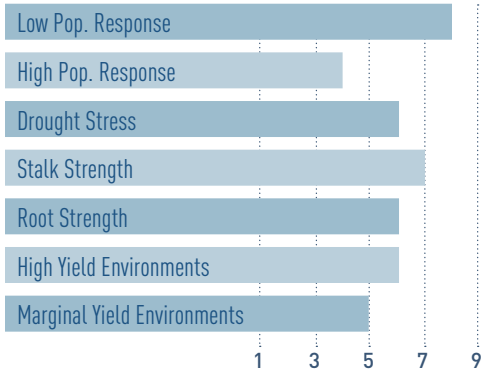


113RM – 2750 HEAT UNITS

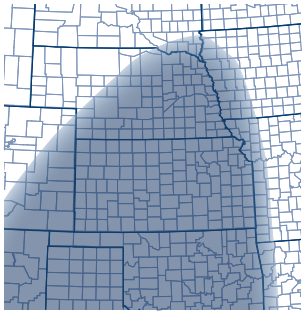
- Performs across a wide range of yield environments
- Strong out of the ground
- Heavy test weight
- Avoid fields with a history of Goss's Wilt

8345 AM™*

AGRONOMICS



RECOMMENDED GEOGRAPHY

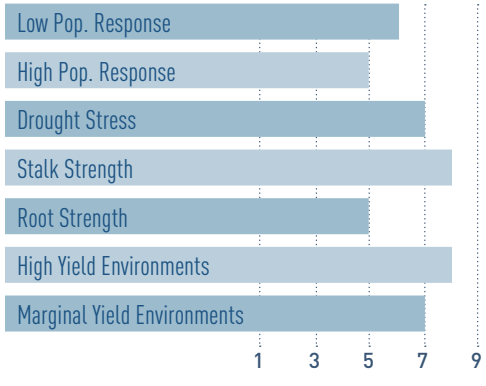


114RM – 2760 HEAT UNITS

- Tall, attractive hybrid
- Season-long standability
- Flex-style ear with best performance at moderate to lower planting population rates

8414 AM™* NEW 8417 Q™

AGRONOMICS



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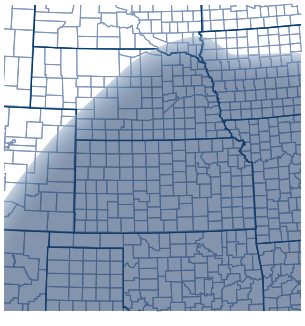

114RM – 2760 HEAT UNITS

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

Silage MAX

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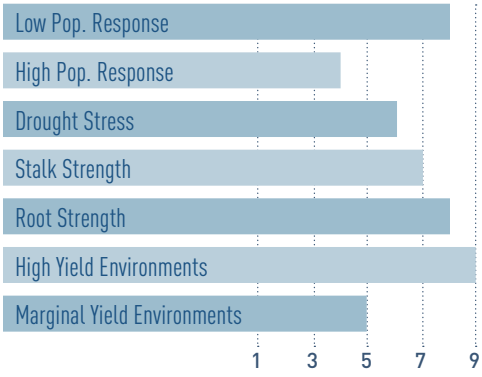
8468 LEPTRA™*

AGRONOMICS



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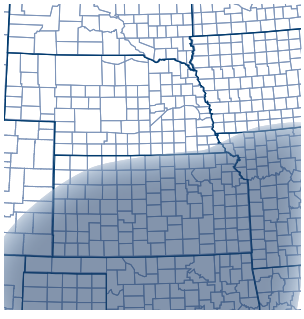


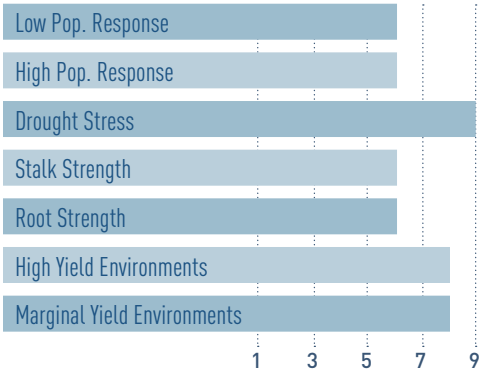
114RM – 2760 HEAT UNITS

- Tall Optimum® AcreMax® Leptra® hybrid with dual purpose grain/silage potential
- Robust canopy provides aggressive row coverage
- Performs best at lower to moderate planting populations-avoid aggressive populations

Silage MAX

8490 AM™* 8491 Q™

AGRONOMICS



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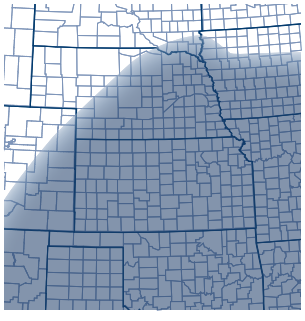
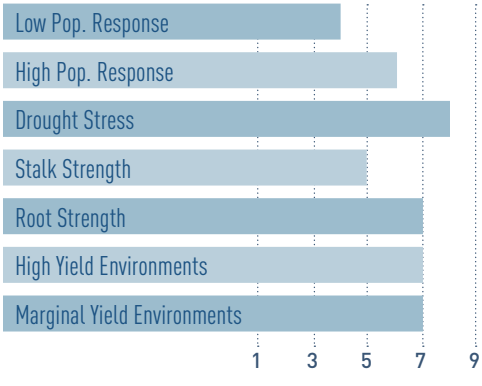


114RM – 2760 HEAT UNITS

- Optimum® AQUAmax® drought tolerance with good overall versatility
- Consistent performer from low to high yield environments
- Western Corn Belt genetic package

8494 SXRA™

AGRONOMICS



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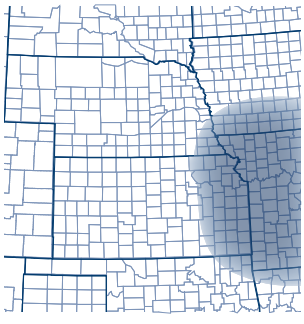
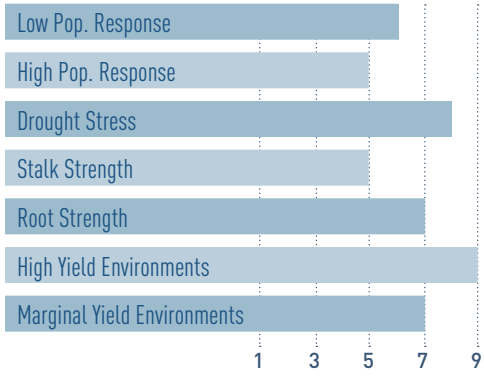


114RM – 2760 HEAT UNITS

- Handles heat and drought stress
- Plant at aggressive populations to maximize yields
- Good late season intactness
- Avoid areas with a history of Goss's Wilt

8511 AML™* 8512 Q™

AGRONOMICS



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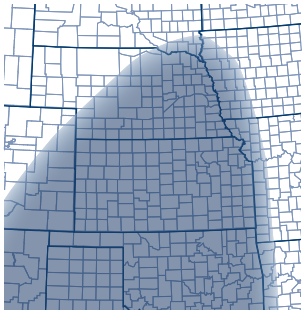
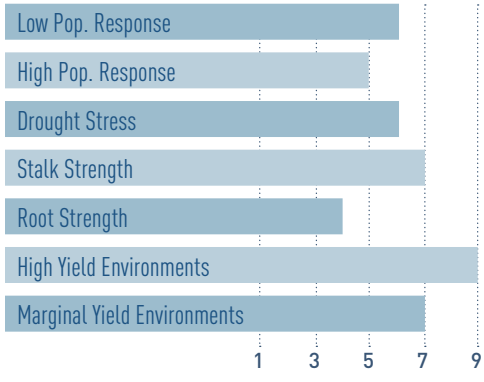


115RM – 2770 HEAT UNITS

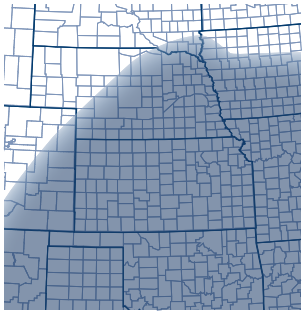
- High performing genetics available in elite insect trait options - Optimum® AcreMax® Leptra® and Qrome®
- Responds favorably to foliar fungicides and good fertility
- Handles heat and drought stress

NEW 8518 AM™* NEW 8519 Q™

AGRONOMICS



RECOMMENDED GEOGRAPHY



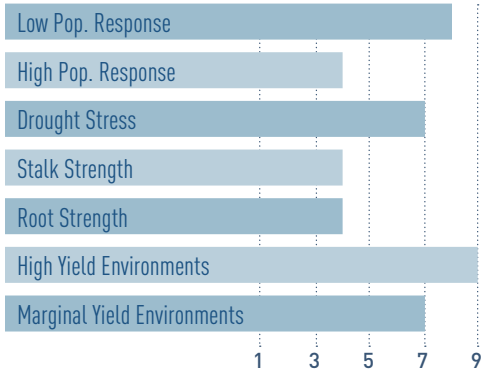
115RM – 2770 HEAT UNITS

- New genetics combining yield and agronomics
- Excellent overall disease package
- Good stalk strength and greensnap tolerance

Silage MAX

8529 AM™* 8531 Q™

AGRONOMICS



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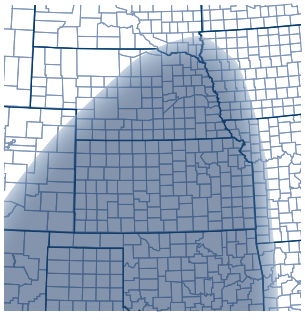

115RM – 2790 HEAT UNITS

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

Silage MAX

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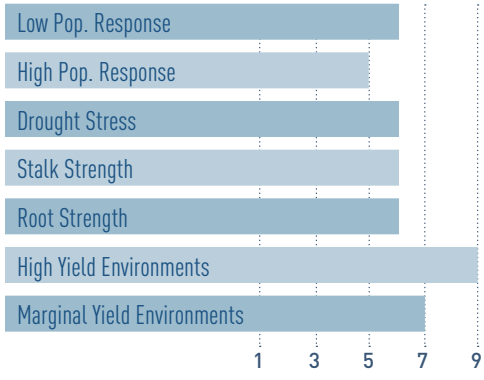
8636 AM™* 8637 Q™

AGRONOMICS



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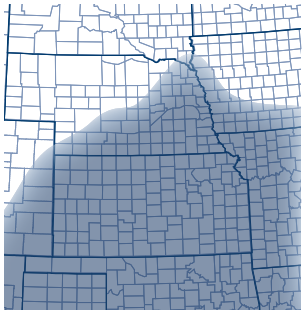


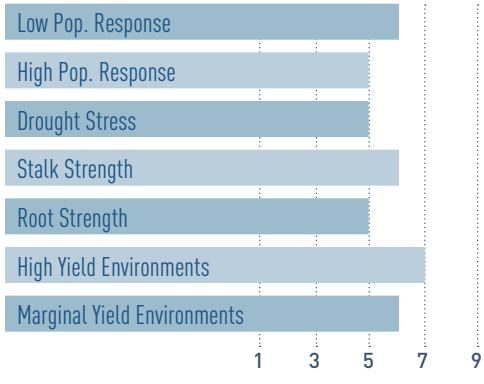
116RM – 2810 HEAT UNITS

- High overall yield potential
- Dual purpose grain/silage hybrid
- Heavy test weight

Silage MAX

8680 SXRA™

AGRONOMICS



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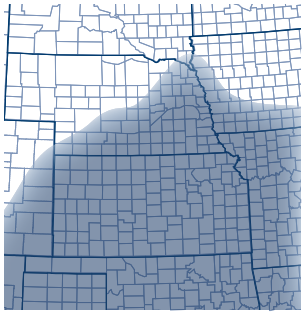


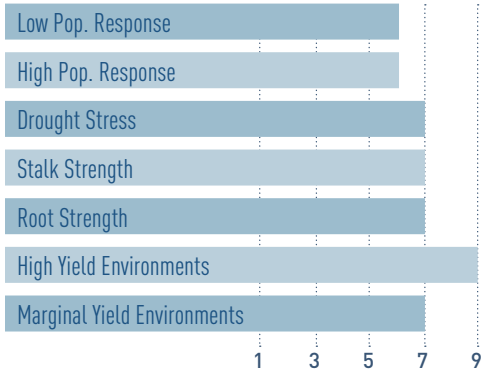
116RM – 2810 HEAT UNITS

- Excellent silage product with high tonnage potential
- Tall plant type
- Strong disease package

Silage MAX

8750 AML™*

AGRONOMICS



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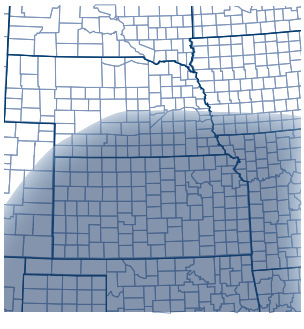


117RM – 2830 HEAT UNITS

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

Silage MAX

HOEGEMEYER
THE RIGHT SEED.

THE RIGHT SEED FOR

CLEANER EARS

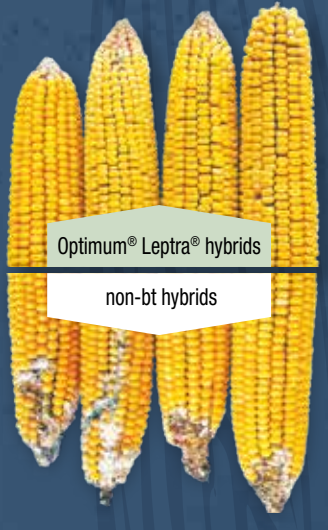
Optimum® AcreMax® ABOVE Leptra®

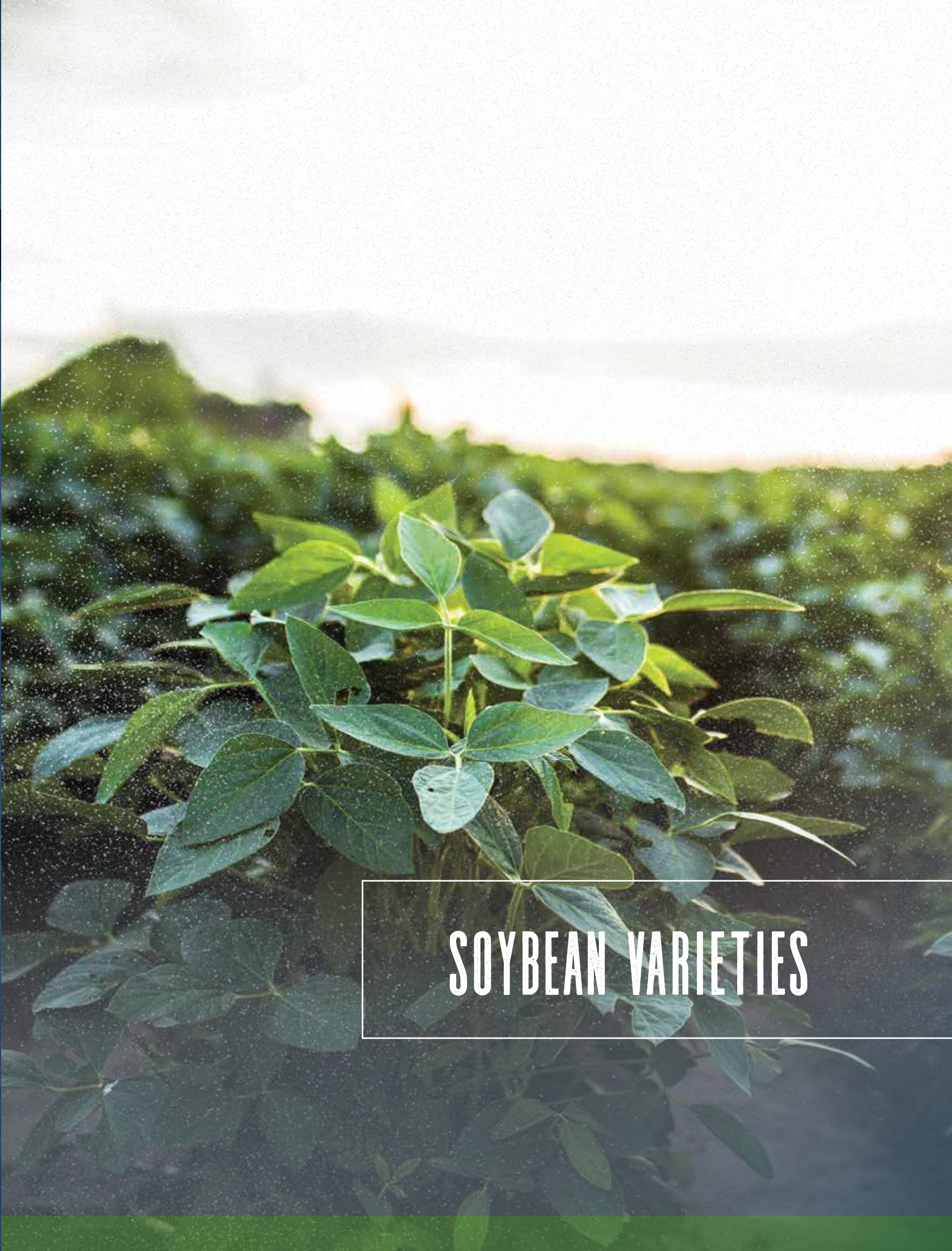
Optimum® AcreMAX® Leptra® hybrids defend against the key pests you face on your farm, with integrated refuge for added convenience.

Multiple modes of action against above ground insects

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

Available in five hybrids for 2021





SOYBEAN VARIETIES

THE HOEGEMEYER SOYBEAN NAMING SYSTEM

2820 E

- **28** — The first two numbers indicate relative maturity. 28 = 2.8 maturity
- **20** — The second two numbers denote the specific variety.
- **E** — This denotes the trait suffix. Please see legend for specific variety options.

Trait Suffix Legend:
N = Soybean Cyst Nematode (SCN) resistance*
S = Sulfonylurea herbicide tolerance
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™/DuPont™ STS®

** 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

LumiGEN™

+ ILEVO® Seed Treatment

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

HOEGEMEYER
THE RIGHT SEED.

THE RIGHT COMBINATION IN YOUR FIGHT

AGAINST TOUGH WEEDS

Enlist E3 Soybeans

Enlist™ Weed Control System

More options for weed control with tolerance to 2,4-D choline, glyphosate and glufosinate.

Excellent efficacy on hard-to control weed species with Enlist herbicides.

Easy to use system, flexible to incorporate within your operation.

On-target application: 2,4-D choline with Colex-D™ technology provides a differentiated herbicide trait system.

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)
1340 E™*		1.3	E3	5	6	7	7	5	Rps1c	2	5	3	4	PI88788
1620 E™*		1.6	E3	4	4	7	7	5	Rps1k	3	5	4	7	PI88788
1910 E™*		1.9	E3	3	7	7	7	7	Rps1c,3a	6	6	2	4	PI88788
2240 E™*		2.2	E3	4	6	7	7	7	Rps1c,3a	5	4	3	8	PI88788
2245 E™*		2.2	E3	4	6	7	7	7	Rps1a,3a	5	6	4	4	PI88788
2480 E™*		2.4	E3	3	5	7	8	5	Rps1k	5	5	4	4	PI88788
2540 E™*		2.5	E3	5	6	7	7	5	Rps1c	2	5	3	9	PI88788
2660 E™*		2.6	E3	4	5	7	7	5	Rps1k	5	5	2	9	PI88788
2820 E™*		2.8	E3	4	6	7	7	4	None	4	5	4	4	PI88788
2970 E™*		2.9	E3	5	6	7	7	6	Rps1k	5	4	3	9	PI88788
3030 E™*		3.0	E3	5	6	7	7	4	Rps1k	5	4	4	9	PI88788
3120 E™*		3.1	E3	4	6	7	7	5	Rps1c	4	4	3	4	PI88788
3350 E™*		3.3	E3	5	6	7	6	7	Rps1c	5	4	3	4	PI88788
3521 SE™*		3.5	E3;STS	5	5	7	6	5	None	6	5	4	4	PI88788
3591 E™*		3.5	E3	5	5	7	6	6	Rps1k	5	4	4	9	PI88788
3921 E™*		3.9	E3	4	5	6	7	5	None	6	4	4	9	PI88788
4081 SE™*		4.0	E3;STS	3	5	7	8	5	None	7	4	4	4	PI88788
4161 E™*		4.1	E3	4	6	7	8	5	None	7	3	NR	9	PI88788
4516 SE™*		4.5	E3;STS	4	5	7	7	5	None	5	5	NR	4	PI88788
4641 E™*		4.6	E3	4	5	6	7	4	Rps1k	6	3	NR	4	PI88788
4860 E™*		4.8	E3	5	5	7	6	7	None	4	4	NR	4	PI88788
4903 SE™*		4.9	E3;STS	4	5	7	7	5	None	5	4	NR	4	PI88788
5110 E™*		5.1	E3	4	6	7	7	5	1K	5	4	NR	9	PI88788

SOYBEAN VARIETIES
ROUNDUP READY 2 XTEND™

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)
1960 NX™*		1.9	R2,X	4	6	7	7	6	Rps1k	7	6	5	7	Peking
2202 NX™*		2.2	R2,X	5	5	7	7	5	Rps1k	6	6	5	7	PI88788
2781 NX™*		2.7	R2,X	5	6	7	7	5	Rps1c	5	4	4	9	PI88788
2981 NX™*		2.9	R2,X	6	6	7	7	4	Rps1k	8	4	5	9	PI88788
3166 NX™*		3.1	R2,X	3	6	7	8	5	Rps1k	8	3	5	9	PI88788
3491 NX™*		3.4	R2,X	6	7	7	6	4	None	6	4	4	4	PI88788
3650 NX™*		3.6	R2,X	5	6	7	7	5	None	8	4	5	9	PI88788
3871 NX™*		3.8	R2,X	6	6	7	7	5	Rps1c	6	4	4	9	PI88788
4051 NX™*		4.0	R2,X	6	7	6	6	4	None	6	5	3	4	PI88788
4211 NX™*		4.2	R2,X	5	7	7	5	5	Rps1k	6	2	4	4	PI88788
4511 NX™*		4.5	R2,X	7	6	7	7	4	None	6	3	5	4	PI88788
4515 NX™*		4.5	R2,X	5	6	6	7	6	Rps1c	6	3	4	4	PI88788
4681 NX™*		4.6	R2,X	6	5	7	6	6	None	6	4	NR	4	PI88788
4757 NBX™*		4.7	R2,X,Bolt	6	6	7	5	5	None	6	3	4	4	PI88788
4939 NX™*		4.9	R2,X	5	5	6	6	5	Rps1c	8	3	5	7	PI88788
4969 NX™*		4.9	R2,X	6	7	7	5	5	Rps1k	6	4	NR	4	PI88788

* Denotes HPT brand products. HPT® brand seed is distributed by Hoegemeyer. HPT® is a registered trademark of DuPont, Pioneer or their respective owners.

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)
SOYBEAN VARIETIES GLYPHOSATE TOLERANT														
2210 NR™*		2.2	R	5	5	7	7	7	Rps1k,3a	6	5	4	8	PI88788
2511 NRR™*		2.5	R	4	8	7	7	3	Rps1k	5	4	4	4	Peking
2590 NR™*		2.5	R	5	6	7	8	4	Rps1k	6	4	5	6	Peking
2811 NR™*		2.8	R	6	5	7	8	4	Rps1c	4	4	4	6	PI88788
2994 NR™*		2.9	R	5	4	7	8	4	Rps1k	5	4	5	8	PI88788
3561 NR™*		3.5	R	7	6	7	6	5	Rps1k	6	4	5	4	PI88788
SOYBEAN VARIETIES LIBERTYLINK® TOLERANT														
LL1710 N™*		1.7	LL	4	5	7	7	3	Rps1k	6	5	4	7	PI88788
LL2221 N™*		2.2	LL	6	6	8	7	6	Rps1c	6	4	4	9	PI88788
LL2641 N™*		2.6	LL	4	6	7	8	4	Rps1k	7	5	5	7	Peking
LL2850 N™*		2.8	LL	5	6	7	7	7	Rps1k,3a	6	5	5	7	PI88788
LL3220 N™*		3.2	LL	6	6	7	6	4	Rps1k	6	4	3	7	Peking
LL3628 N™*		3.6	LL	5	5	7	7	4	None	5	4	4	4	PI88788
LL3820 N™*		3.8	LL	6	5	7	7	4	Rps1k	7	4	4	9	PI88788
LL4000 N™*		4.0	LL	5	6	7	6	5	None	4	4	3	4	PI88788
LL4344 N™*		4.3	LL	5	4	7	8	5	Rps1c	5	3	5	4	PI88788
LL4571 N™*		4.5	LL	4	5	7	7	5	None	5	4	NR	7	PI88788
LL4620 N™*		4.6	LL	5	6	7	8	4	None	5	3	NR	4	PI88788
LL4994 N™*		4.9	LL	6	6	7	6	5	Rps1k	7	3	NR	4	PI88788

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

HOEGEMEYER SOYBEAN HERBICIDE TOLERANCE

	Enlist E3 Soybeans	ROUNDUP READY 2 XTEND SOYBEANS	LIBERTY LINK
Herbicide tolerances	2,4-D choline Glufosinate Glyphosate	Dicamba Glyphosate	Glufosinate
Corresponding authorized herbicides	Enlist One® Enlist Duo®	Xtendimax® Engenia® FeXapan® Tavium®	Liberty®
Application window in traited soybeans for corresponding authorized herbicides	No later than R2	R1 – Xtendimax, FeXapan and Engenia V4 – Tavium Specific calendar cutoff dates in some states	Up to bloom or R1

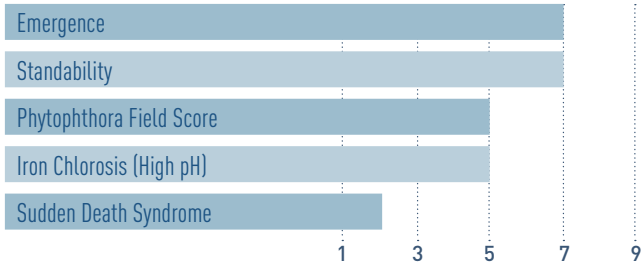
SOYBEAN BRANDS WITH ENLIST E3™ TECHNOLOGY

1340 E™*

1.3 RM

- Enlist E3™ with broad adaptation for South Dakota
- Very good tolerance to iron deficiency chlorosis
- Good height and canopy for marginal soils
- Rps1c Phytophthora gene

AGRONOMICS

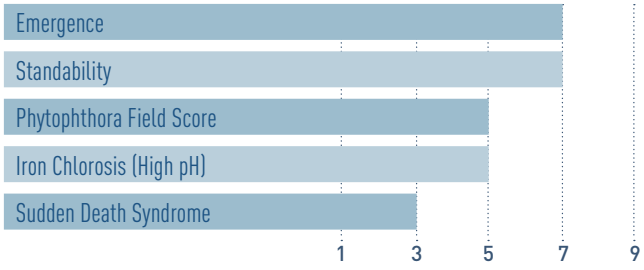


1620 E™*

1.6 RM

- Enlist E3™ product with good standability
- Very good tolerance to iron deficiency chlorosis
- Rps1k Phytophthora gene with good tolerance
- Good plant type for narrow rows

AGRONOMICS

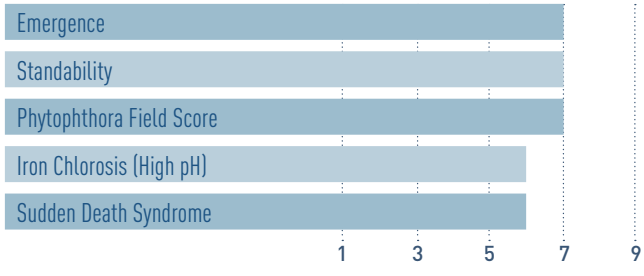


1910 E™*

1.9 RM

- Strong performance for South Dakota and Northern Iowa
- Wide canopy adapts to all row widths
- Stacked Phytophthora genes, Rps1c/3a
- Good tolerance to iron deficiency chlorosis

AGRONOMICS

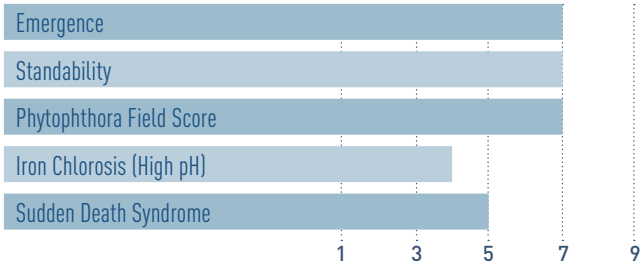


2240 E™*

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

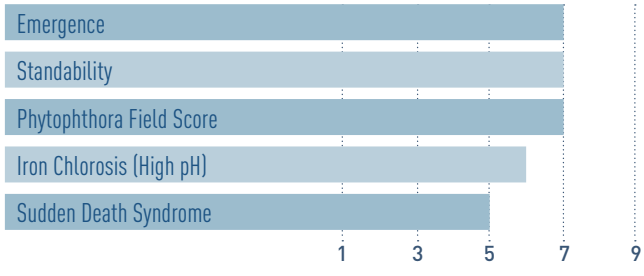


NEW 2245 E™*

2.2 RM

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

AGRONOMICS

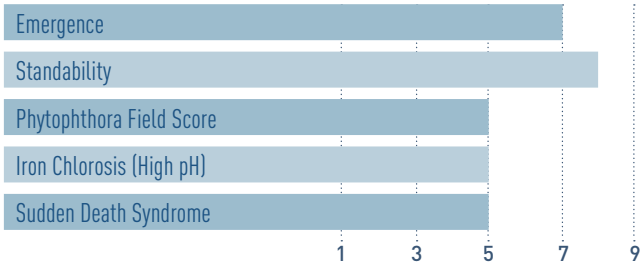


NEW 2480 E™*

2.4 RM

- New Enlist E3™ with solid agronomic package
- Rps1k Phytophthora gene
- Good tolerance to iron deficiency chlorosis
- Excellent standability

AGRONOMICS



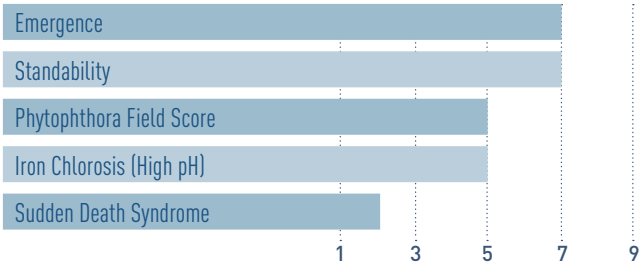
* Denotes HPT brand products. HPT® brand seed is distributed by Hoegemeyer. HPT® is a registered trademark of DuPont, Pioneer or their respective owners.

2540 E™*

2.5 RM

- Excellent performance on medium textured soils
- Very good tolerance to iron deficiency chlorosis
- Rps1c Phytophthora gene
- Performs well in South Dakota and Nebraska

AGRONOMICS

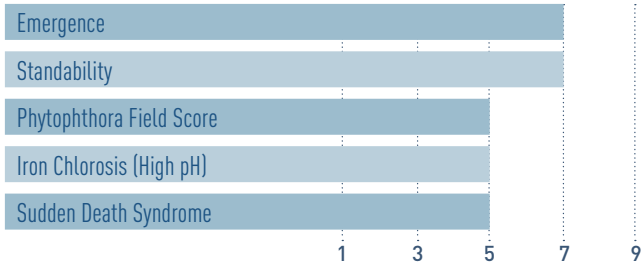


NEW 2660 E™*

2.6 RM

- New Enlist E3™ with outstanding yield potential
- Rps1k Phytophthora gene
- Very good tolerance to iron deficiency chlorosis
- Solid defense against sudden death syndrome

AGRONOMICS

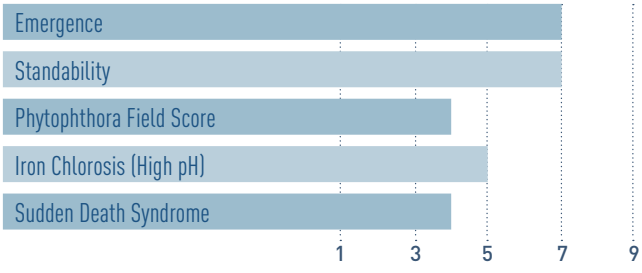


2820 E™*

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

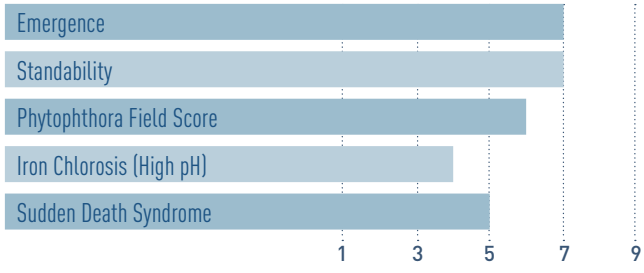


2970 E™*

2.9 RM

- Enlist E3™ 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

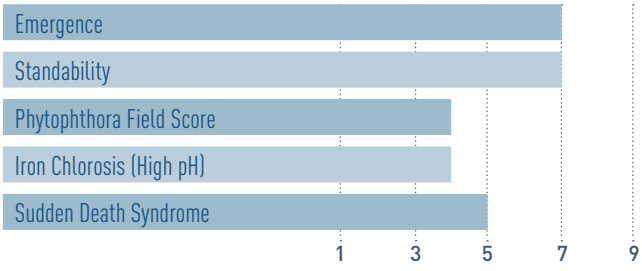


3030 E™*

3.0 RM

- Good performance across Iowa and eastern Nebraska
- Rps1k Phytophthora gene
- Very good tolerance to sudden death syndrome
- Good standability for fertile soils

AGRONOMICS

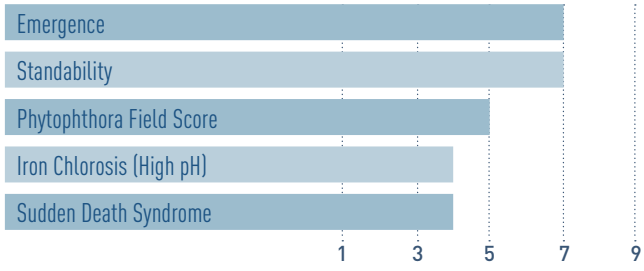


3120 E™*

3.1 RM

- Elite product for the Western Cornbelt
- Rps1c Phytophthora gene
- Good tolerance to sudden death syndrome
- Good tolerance to frogeye leaf spot

AGRONOMICS



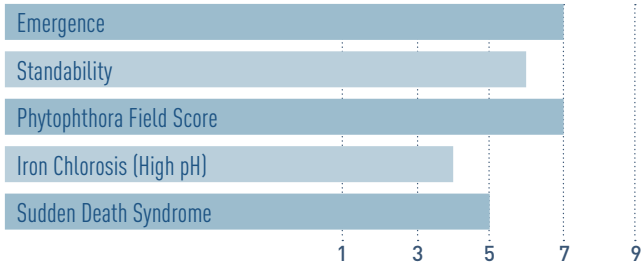
SOYBEAN BRANDS WITH ENLIST E3™ TECHNOLOGY

3350 E™*

3.3 RM

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

AGRONOMICS

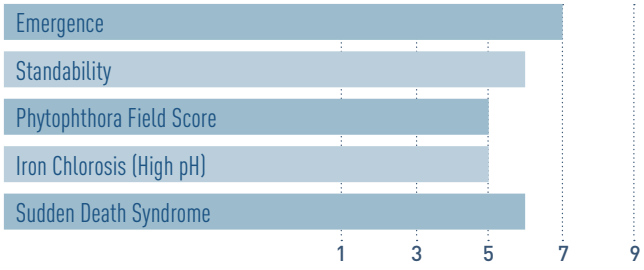


3521 SE™*

3.5 RM

- Enlist E3™ stacked with STS herbicide tolerance
- Good tolerance to sudden death syndrome
- Very good tolerance to iron deficiency chlorosis
- Good performance for the Western Hoegemeyer territory

AGRONOMICS

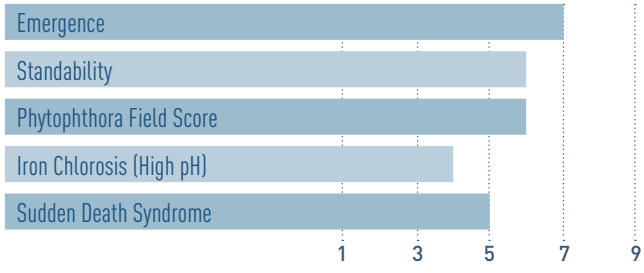


NEW 3591 E™*

3.5 RM

- New Enlist E3™ with outstanding yield potential
- Rps1k Phytophthora gene
- Good tolerance to sudden death syndrome
- Good performance for the eastern Hoegemeyer territory

AGRONOMICS

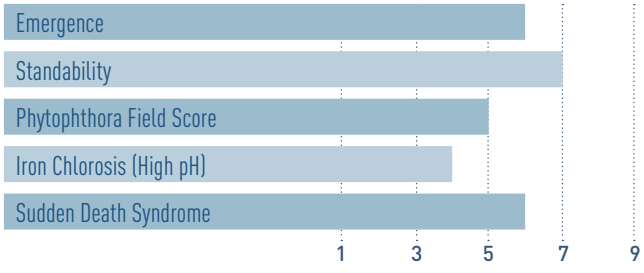


3921 E™*

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

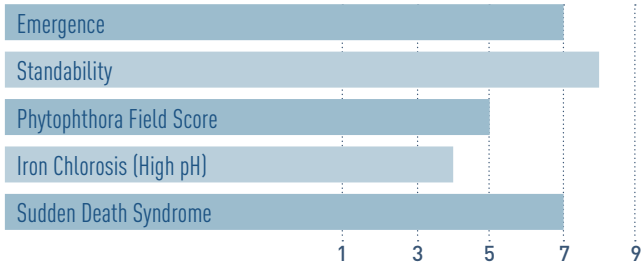


NEW 4081 SE™*

4.0 RM

- Enlist E3™ 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

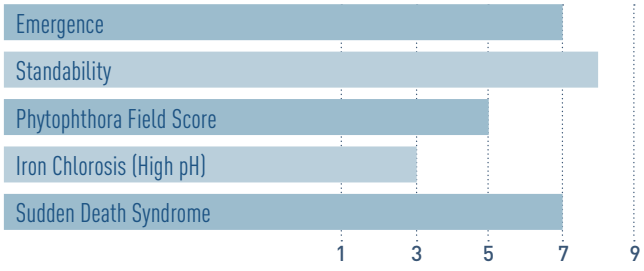


4161 E™*

4.1 RM

- Excellent standability on productive soils
- Very good tolerance to sudden death syndrome
- Very good tolerance to charcoal rot and stem canker
- Good tolerance to frogeye leaf spot

AGRONOMICS



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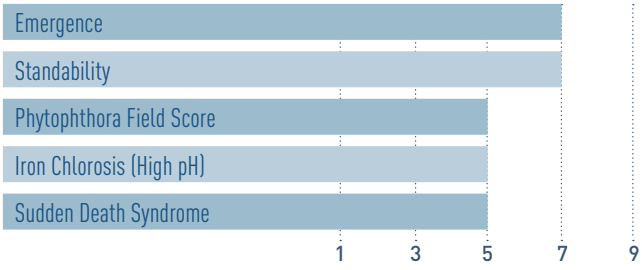
4516 SE™*

Enlist E3 SOYBEANS | STS® herbicide tolerant trait

4.5 RM

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

AGRONOMICS



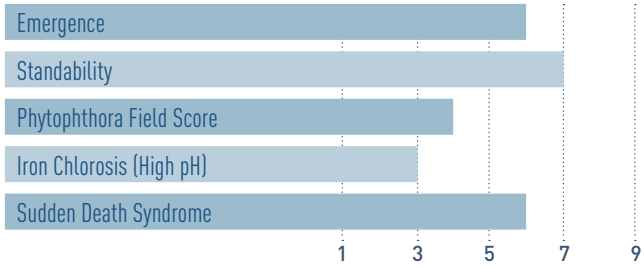
NEW 4641 E™*

Enlist E3 SOYBEANS

4.6 RM

- New Enlist E3™ yield leader
- Very good tolerance to sudden death syndrome
- Rps1k Phytophthora gene
- Good stem canker tolerance

AGRONOMICS



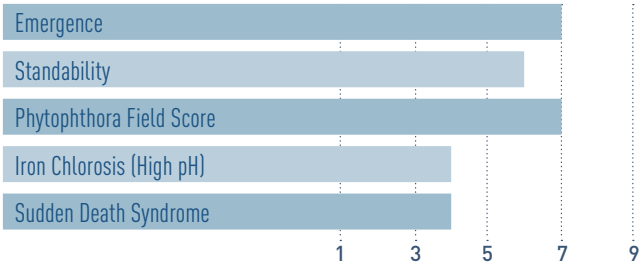
4860 E™*

Enlist E3 SOYBEANS

4.8 RM

- Versatile product with good stress tolerance
- Excellent tolerance to charcoal rot
- Very good tolerance to Phytophthora root rot

AGRONOMICS



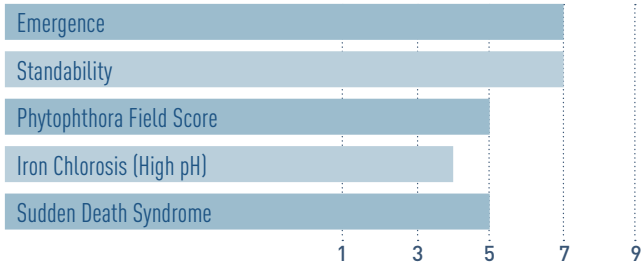
4903 SE™*

Enlist E3 SOYBEANS | STS® herbicide tolerant trait

4.9 RM

- Enlist E3™ stacked with STS herbicide tolerance
- Solid tolerance to charcoal rot
- Good tolerance to sudden death syndrome
- Good stem canker tolerance

AGRONOMICS



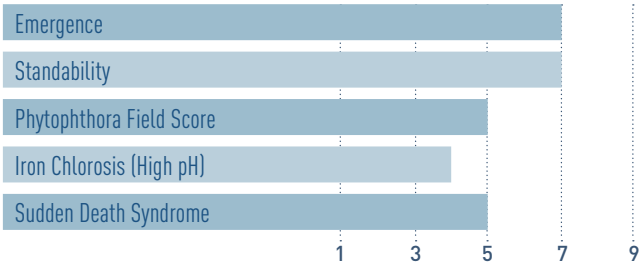
5110 E™*

Enlist E3 SOYBEANS

5.1 RM

- Enlist E3™ with determinate plant type
- Rps1k Phytophthora gene
- Good tolerance to charcoal rot
- Good tolerance to sudden death syndrome

AGRONOMICS



SOYBEAN BRANDS WITH ROUNDUP READY 2 XTEND® TECHNOLOGY

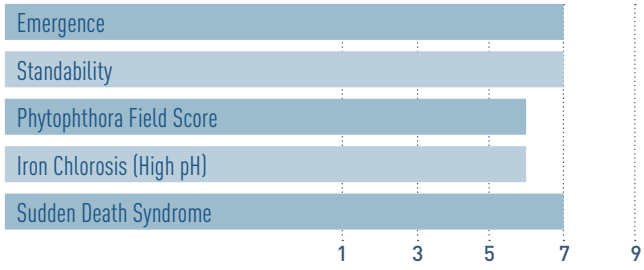
NEW

1960 NX™*

1.9 RM

- Peking SCN resistance
- Rps1k Phytophthora gene
- Recommended for fields prone to SDS and Iron Deficiency chlorosis
- Well adapted for South Dakota and northern Iowa

AGRONOMICS

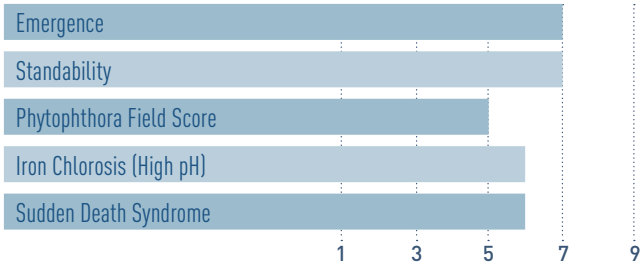


2202 NX™*

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

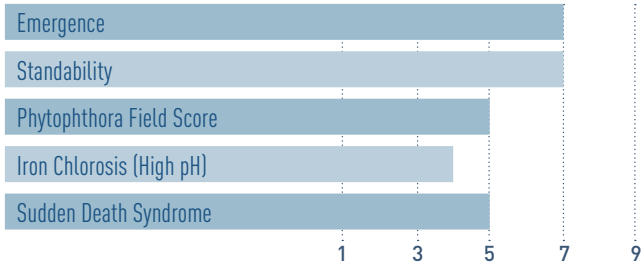


2781 NX™*

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

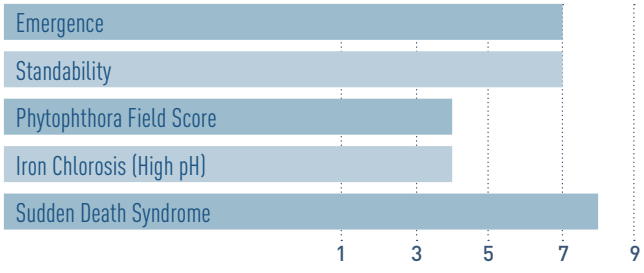


2981 NX™*

2.9 RM

- Medium tall plant with good row cover
- Very good Phytophthora tolerance
- Excellent tolerance to sudden death syndrome
- Combines high yield with strong disease package

AGRONOMICS

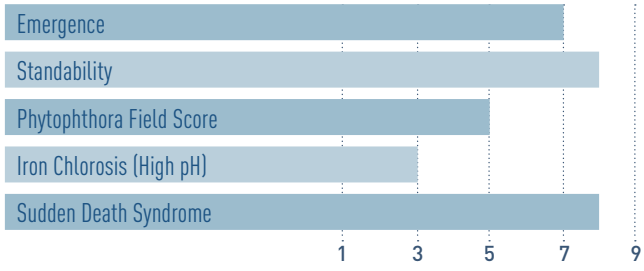


3166 NX™*

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

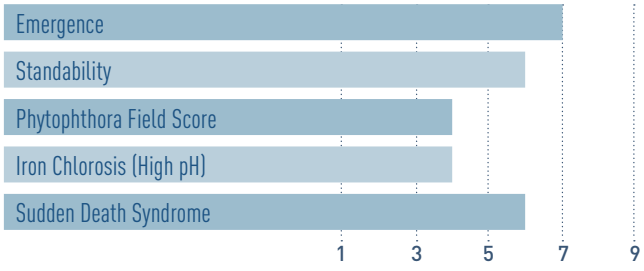


3491 NX™*

3.4 RM

- Offensive product for the Western Corn Belt
- Works well on marginal soil types
- Medium height plant with full canopy
- Good tolerance to sudden death syndrome

AGRONOMICS



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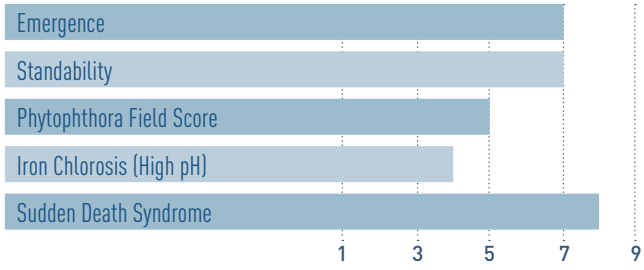
SOYBEAN BRANDS WITH ROUNDUP READY 2 XTEND® TECHNOLOGY

NEW 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
- Replaces 3679 NX with improved performance

AGRONOMICS

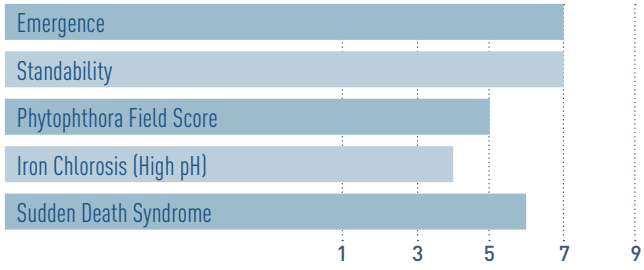


3871 NX™*

3.8 RM

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

AGRONOMICS

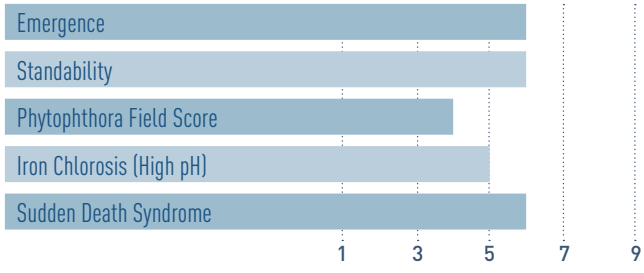


4051 NX™*

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

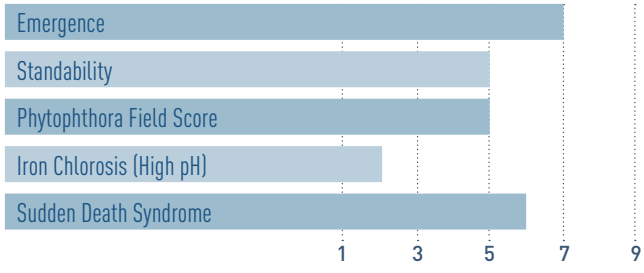


4211 NX™*

4.2 RM

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

AGRONOMICS

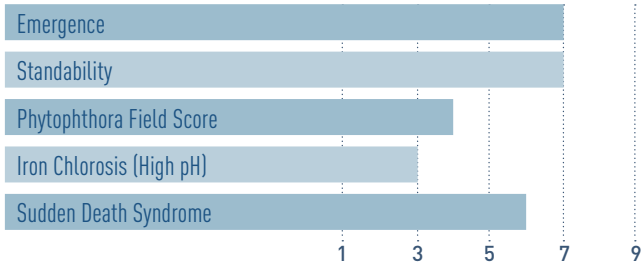


4511 NX™*

4.5 RM

- Medium tall plant with good row cover
- Very good stem canker resistance
- Versatile genetics that can handle variable soil types
- Consistent performance across Kansas

AGRONOMICS

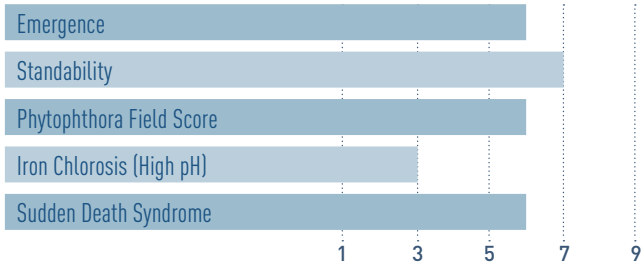


NEW 4515 NX™*

4.5 RM

- Excellent tolerance to frogeye leaf spot
- Very good tolerance to sudden death syndrome
- Rps1c Phytophthora gene
- New yield leader for mid group 4

AGRONOMICS



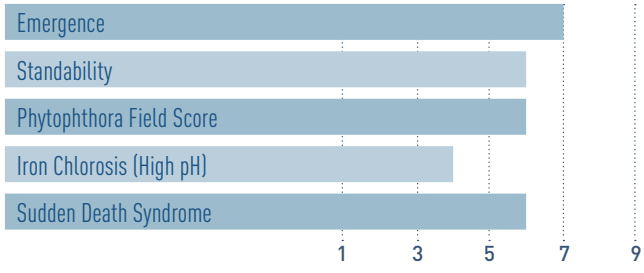
SOYBEAN BRANDS WITH ROUNDUP READY 2 XTEND® TECHNOLOGY

4681 NX™*

4.6 RM

- Taller plant type with medium canopy
- Very good tolerance to sudden death syndrome
- Salt Excluder - very good tolerance to high salt soils
- Good tolerance to Phytophthora root rot

AGRONOMICS

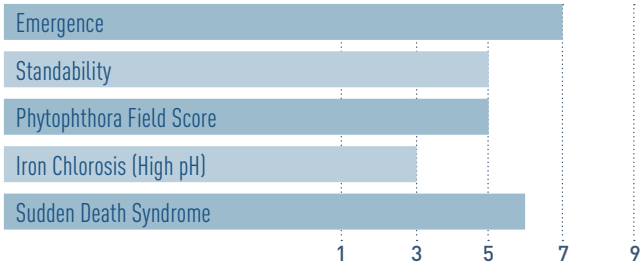


NEW 4757 NBX™*

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

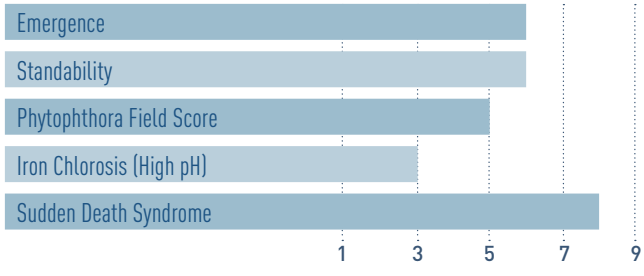


NEW 4939 NX™*

4.9 RM

- Versatile product with a well rounded agronomic package
- High yield potential with good stress tolerance
- Excellent tolerance to charcoal rot
- Rps1c Phytophthora gene

AGRONOMICS

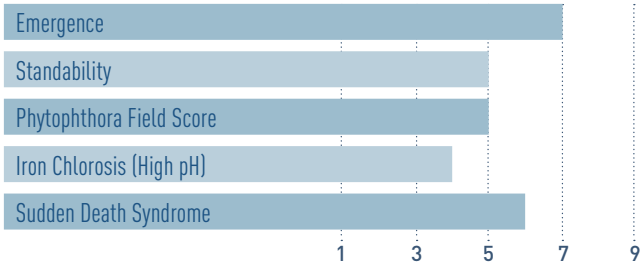


4969 NX™*

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



* Denotes HPT brand products. HPT® brand seed is distributed by Hoegemeyer. HPT® is a registered trademark of DuPont, Pioneer or their respective owners.

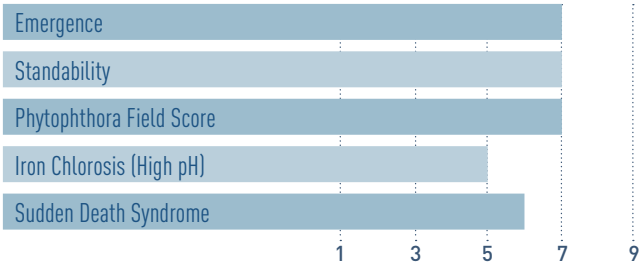
2210 NR™*

2.2 RM

Glyphosate Tolerant

- Attractive light tawny plant with medium height
- Excellent harvest standability
- Stacked Phytophthora genes
- Well balanced product for yield and agronomics

AGRONOMICS



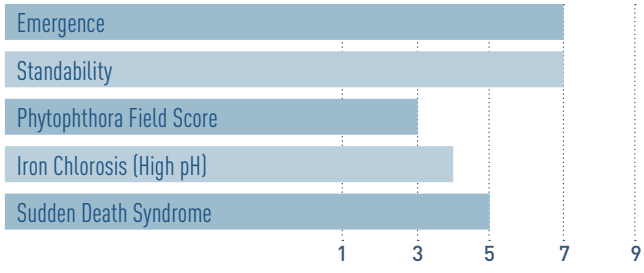
2511 NRR™*

2.5 RM

Glyphosate Tolerant

- Proven performer in Nebraska, South Dakota, and Western Iowa
- Peking SCN resistance
- Bushy plant type with average height
- Ability to yield with fuller season varieties in high yield environments

AGRONOMICS



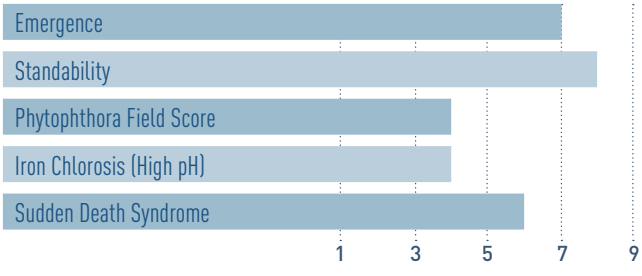
2590 NR™*

2.5 RM

Glyphosate Tolerant

- Excellent eastern movement
- Well adapted to all row widths
- Excellent harvest standability
- Outstanding Peking SCN resistance

AGRONOMICS



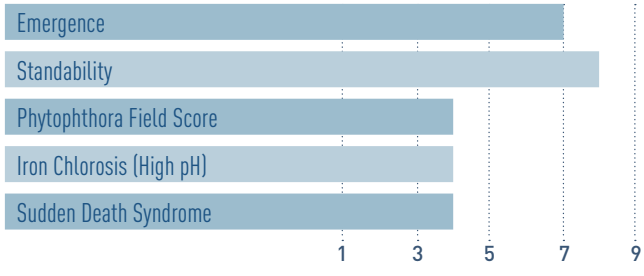
2811 NR™*

2.8 RM

Glyphosate Tolerant

- 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



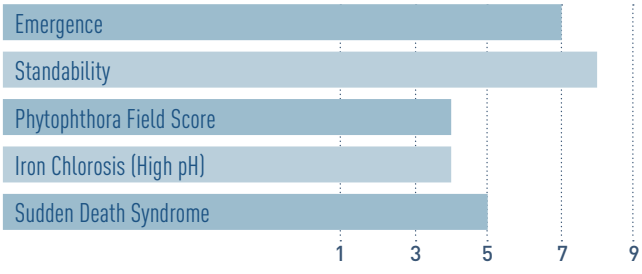
2994 NR™*

2.9 RM

Glyphosate Tolerant

- Late group II genetics with excellent top end yield punch
- Moderate height and plant canopy
- Excellent harvest standability
- Best placed in above average yield environments

AGRONOMICS



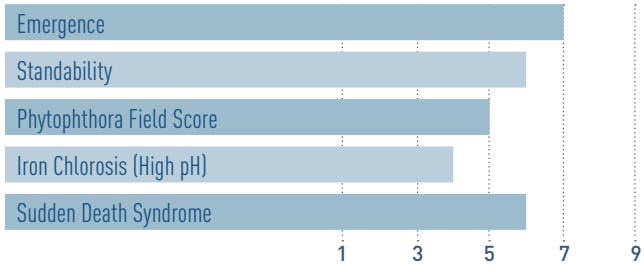
3561 NR™*

3.5 RM

Glyphosate Tolerant

- Rps1k Phytophthora gene
- Outstanding frogeye leaf spot tolerance
- Strong field emergence
- May lodge in highly productive yield environments

AGRONOMICS



SOYBEAN BRANDS WITH LIBERTYLINK® GENE

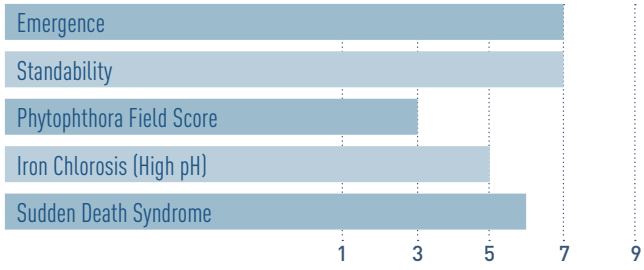
LL1710 N™*

LIBERTY LINK®

1.7 RM

- Elite performance with LibertyLink® trait
- Rps1k Phytophthora gene
- Good tolerance to iron deficiency chlorosis
- Widely adapted product

AGRONOMICS



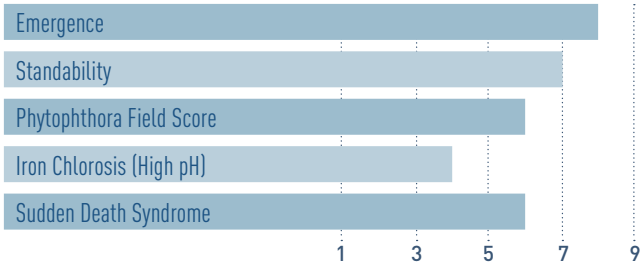
LL2221 N™*

LIBERTY LINK®

2.2 RM

- Early group II LibertyLink® genetics with outstanding yield potential
- Up and out of the ground quickly
- Excellent tolerance to brown stem rot
- Very good phytophthora field tolerance

AGRONOMICS



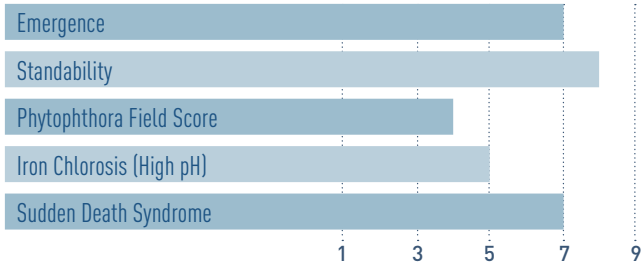
LL2641 N™*

LIBERTY LINK®

2.6 RM

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

AGRONOMICS



NEW

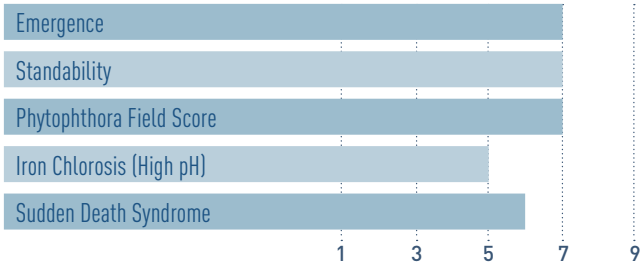
LL2850 N™*

LIBERTY LINK®

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



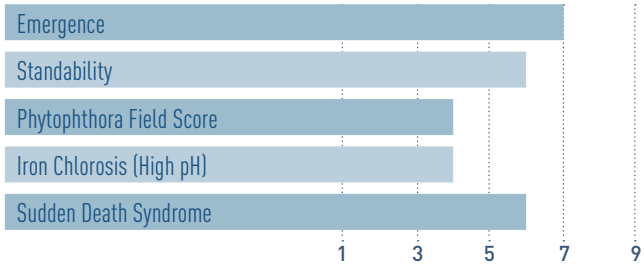
LL3220 N™*

LIBERTY LINK®

3.2 RM

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

AGRONOMICS



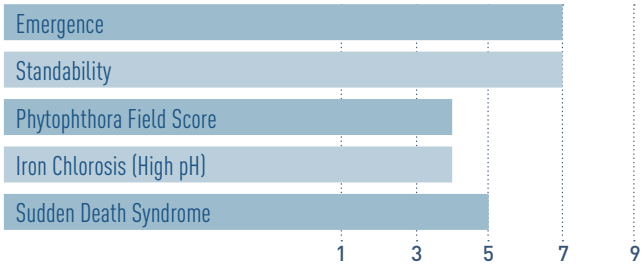
LL3628 N™*

LIBERTY LINK®

3.6 RM

- LibertyLink® with top yield potential
- Medium height with good standability
- Offensive style product
- Place on well drained soils

AGRONOMICS



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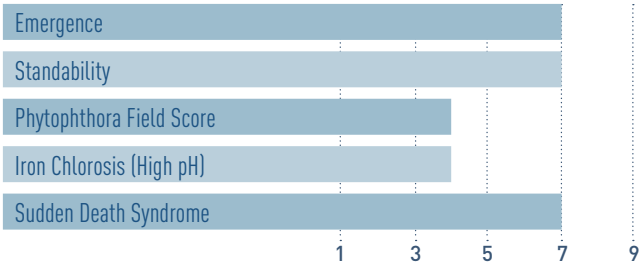
LL3820 N™•

LIBERTY LINK®

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



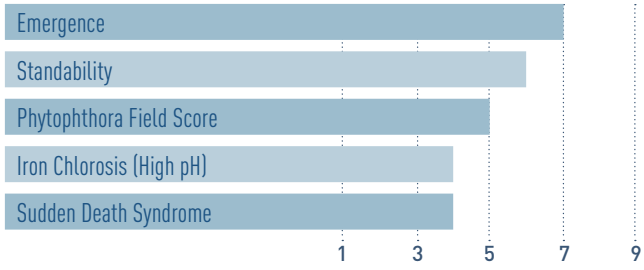
LL4000 N™•

LIBERTY LINK®

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



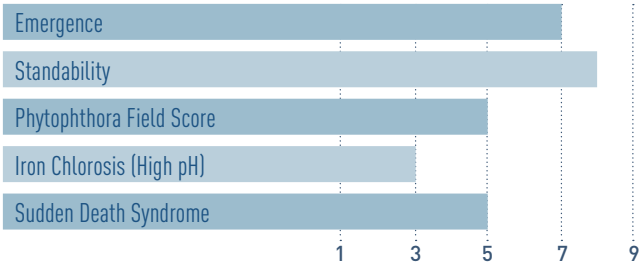
LL4344 N™•

LIBERTY LINK®

4.3 RM

- Established performance leader with LibertyLink®
- Excellent harvest standability
- Above average tolerance to saturated soils
- Very good overall disease package

AGRONOMICS



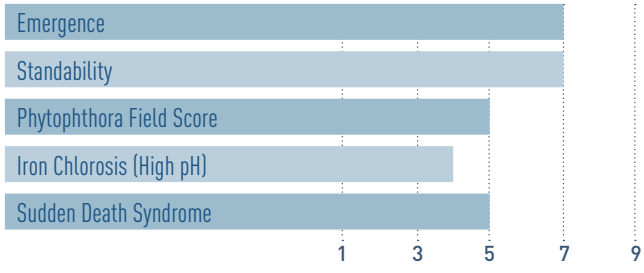
LL4571 N™•

LIBERTY LINK®

4.5 RM

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

AGRONOMICS



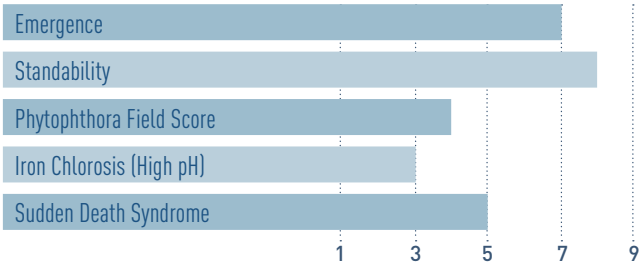
LL4620 N™•

LIBERTY LINK®

4.6 RM

- Semi-bushy plant with good branching and attractive tawny appearance at harvest
- Very good tolerance to frogeye and stem canker
- Above average tolerance to saturated soils
- Salt Excluder - very good tolerance to high salt soils

AGRONOMICS



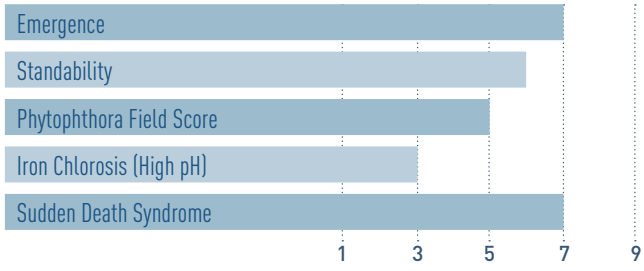
LL4994 N™•

LIBERTY LINK®

4.9 RM

- Broad acre adaptation with solid performance
- Excellent yield punch with rock solid agronomics
- Above average tolerance to saturated soils
- Salt Excluder - very good tolerance to high salt soils

AGRONOMICS



SORGHUM HYBRIDS

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
H5083™*	58	100	Red	5	6	6	7	6	NR	6
H6020™*	62	102	Red	6	6	5	7	8	9	4
H6036™*	63	103	Bronze	6	6	5	7	8	NR	6
H6037™*	63	103	Red	5	6	4	7	8	9	6
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

H5083™*

EARLY SEASON

- Great option for double crop acres
- Excellent yield for maturity
- Moves well from Kansas to South Dakota
- Good drought tolerance

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

H6036™*

EARLY TO MID-SEASON

- Highly tolerant to sugarcane aphids
- Good drought stress tolerance
- Excellent uniformity
- Solid foliar disease package

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

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

SORGHUM RATINGS AND CHARACTERISTICS

FORAGE SORGHUM

BRAND Hybrids	Harvest Days from Planting	Plant Height*	Grain Color	Standability Rating**	Forage Sorghum Seeding Rates		
					Average Seeds Per Pound	Pting 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 BMF 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

SORGHUM X SUDANGRASS

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

Planting rates will vary significantly in geographic areas.

BMR 2™

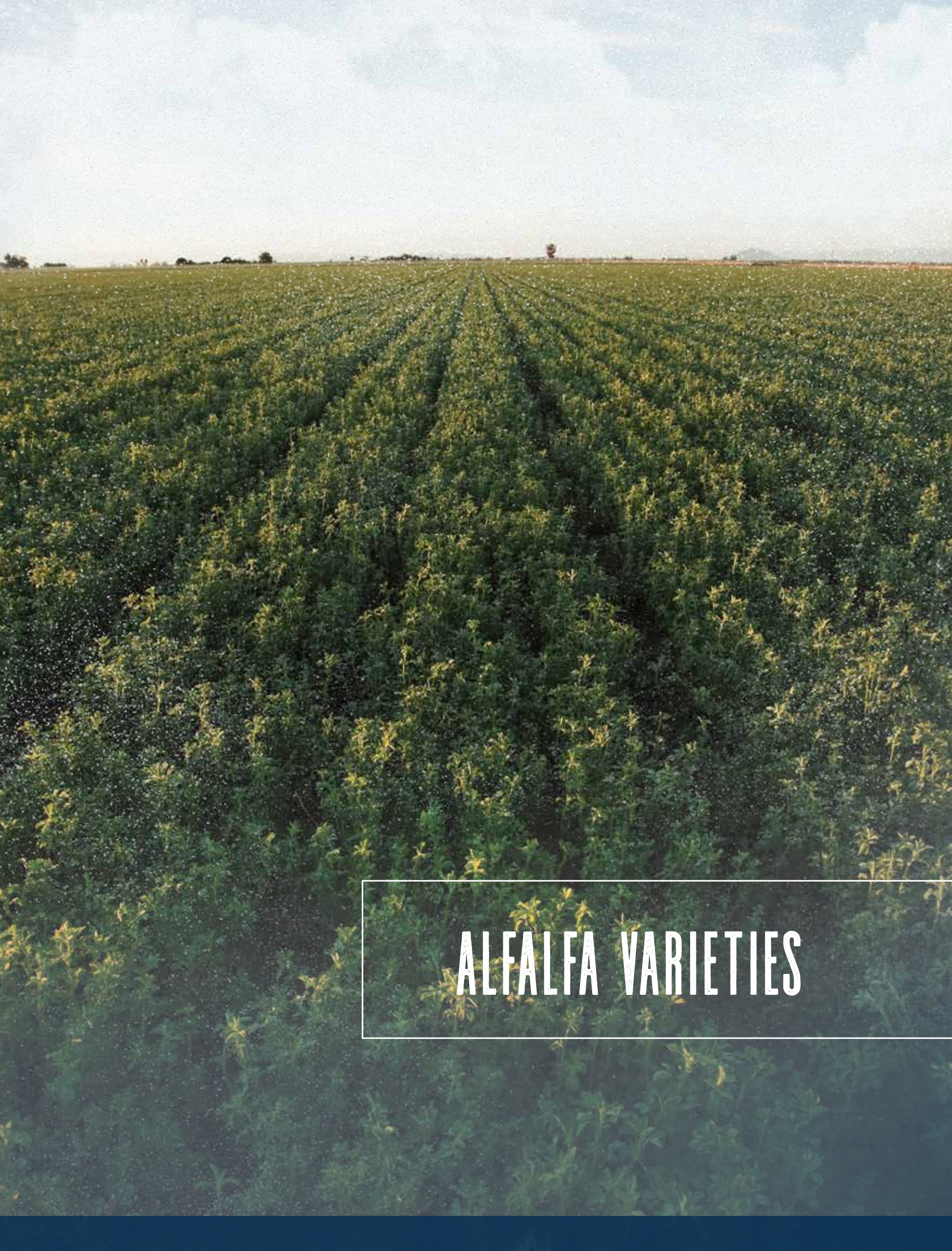
MEDIUM MATURITY

- 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



ALFALFA VARIETIES

ALFALFA RATINGS AND CHARACTERISTICS

HIGH RETURN 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	Multifoliate 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

NEW 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 ALFALFA

Do not export alfalfa seed or crops containing Genuity® Roundup Ready® 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 Genuity® Roundup Ready® 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.

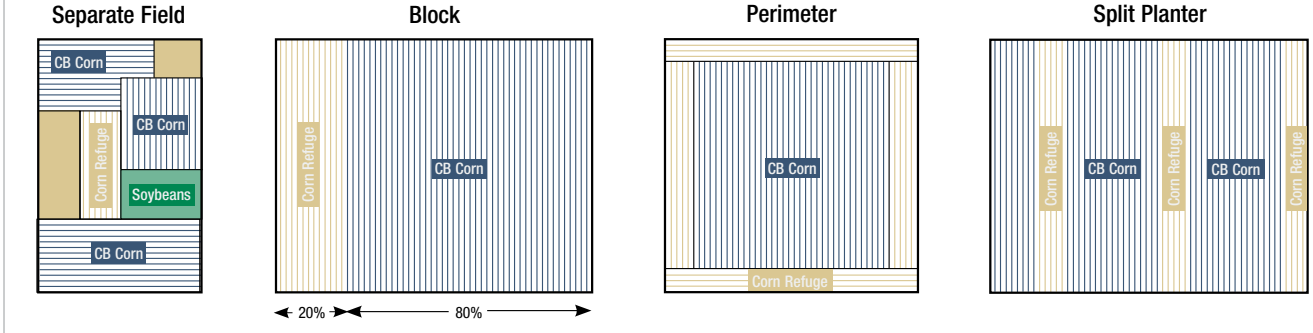
* Denotes HPT brand products. HPT® brand seed is distributed by Hoegemeyer. HPT® is a registered trademark of DuPont, Pioneer or their respective owners.

When planting Bt products, you are required to plant a non-Bt refuge. Guidelines on IRM Compliance are illustrated on this page. For more specific details on refuge, contact the Hoegemeyer office at 1-800-AG LINE 1, and we will provide detailed information.

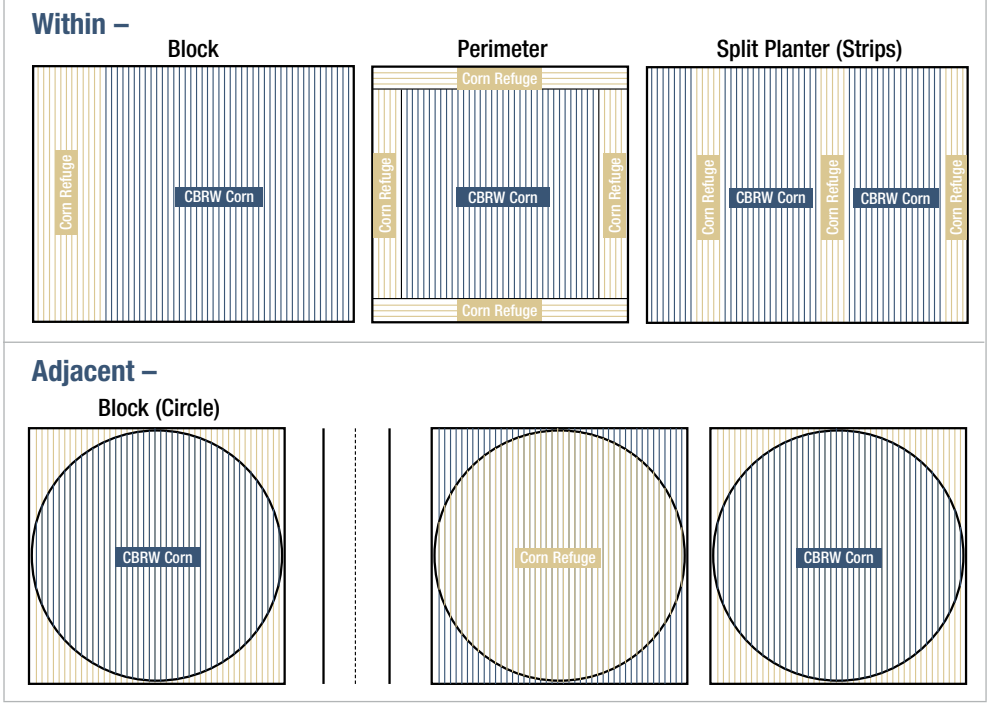
COMPARISON OF CORN REFUGE REQUIREMENTS

	Corn Growing Areas % Refuge	Cotton Growing Areas % Refuge	Configurations	Consecutive Rows Planted in Strips
OPTIMUM LEPTRA	5% non-corn borer Bt corn	20% non-corn borer Bt corn	Separate Field, Block, Perimeter, Split Planter Refuge within 1/2 mile (1/4 mile preferred)	Split Planter four rows (six rows preferred)
CORN BORER	20% non-corn borer Bt corn	50% non-corn borer Bt corn	Separate Field, Block, Perimeter, Split Planter Refuge within 1/2 mile (1/4 mile preferred)	Split Planter four rows (six rows preferred)
CORN BORER/ ROOTWORM CORN	20% non-Bt corn (common refuge plan only) Contact Hoegemeyer for details on separate refuge option.	50% non-Bt corn (common refuge plan only)	Block, Split Planter, Perimeter, Adjacent Field Refuge adjacent to or within CBRW field	Split Planter six rows (twelve rows preferred)

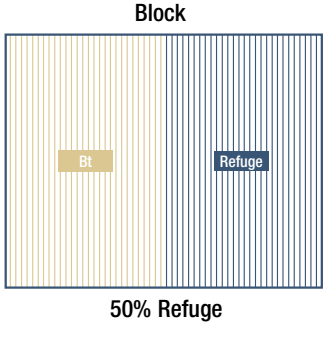
CORN BORER CORN REFUGE CONFIGURATION OPTIONS



CORN BORER/CORN ROOTWORM CORN REFUGE CONFIGURATION OPTIONS



COTTON GROWING AREAS



Before opening a bag of seed, be sure to read and understand the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed set forth in the technology agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

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 2019 harvest, and were the latest available at time of printing. Some scores may change after 2020 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, the YieldGard® Corn Borer gene, 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®) - The major component contains the Agrisure® RW trait, the YieldGard® Corn Borer gene, and the Herculex® XTRA genes. Contains a single-bag integrated refuge solution for above- and below-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Qrome products. 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/

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.

HXX - Herculex® XTRA contains the Herculex I and Herculex RW genes.

Herculex® Insect Protection technology by Dow AgroSciences and Pioneer Hi-Bred. ® Herculex and the HX logo are registered trademarks of Dow AgroSciences, LLC.

LL - Contains the LibertyLink® gene for resistance to Liberty® herbicide. Liberty®, LibertyLink® and the Water Droplet Design are trademarks of Bayer.

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.

YGCB - The YieldGard® Corn Borer gene offers a high level of resistance to European corn borer, southwestern corn borer and southern cornstalk borer; moderate resistance to corn earworm and common stalk borer; and above average resistance to fall armyworm. YieldGard®, the YieldGard Corn Borer Design and Roundup Ready® are registered trademarks 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.

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Components of LumiGEN™ technologies for soybeans are applied at a Corteva Agriscience™, Agriculture Division of DowDuPont 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.

Enlist E3™ soybeans were jointly developed by Dow AgroSciences and MS Technologies. The Enlist weed control system is owned by Dow AgroSciences LLC. 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 herbicides 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.

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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 (sulfonylurea) herbicides such as DuPont™ LeadOff® or DuPont™ Basis® Blend as a component of a burndown program or for double-crop soybeans following SU herbicides such as DuPont™ Finesse® applied to wheat the previous fall.

Varieties with the DuPont™ STS® gene (STS) are tolerant to certain SU (sulfonylurea) herbicides. This technology allows post-emergent applications of DuPont™ Synchrony® XP and DuPont™ Classic® herbicides without crop injury or stress (see herbicide product labels). NOTE: A soybean variety with a herbicide tolerant trait does not confer tolerance to all herbicides. Spraying herbicides not labeled for a specific soybean variety will result in severe plant injury or plant death. Always read and follow herbicide label directions and precautions for use.

Always follow grain marketing, stewardship practices and pesticide label directions. **Varieties with the Glyphosate Tolerant trait** (including those designated by the letter "R" in the product number) contain genes that confer tolerance to glyphosate herbicides. Glyphosate herbicides will kill crops that are not tolerant to glyphosate.Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

Corteva™ Agriscience is a member of Excellence Through Stewardship® (ETS). Products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Pioneer policies regarding stewardship of those products. Crops and materials containing biotech traits may only be exported to or used, processed, or sold in jurisdictions where all necessary regulatory approvals have been granted for those crops and materials. It is a violation of national and international laws to move materials containing biotech traits across borders into jurisdictions where their import is not permitted. Growers should discuss these issues with their purchaser or grain handler to confirm the purchaser or handler's position on products being purchased. For further information on the approval status of biotech traits, please visit www.biotradestatus.com. Excellence Through Stewardship® is a registered trademark of the Excellence Through Stewardship.

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