

MUSTANG SEEDS™



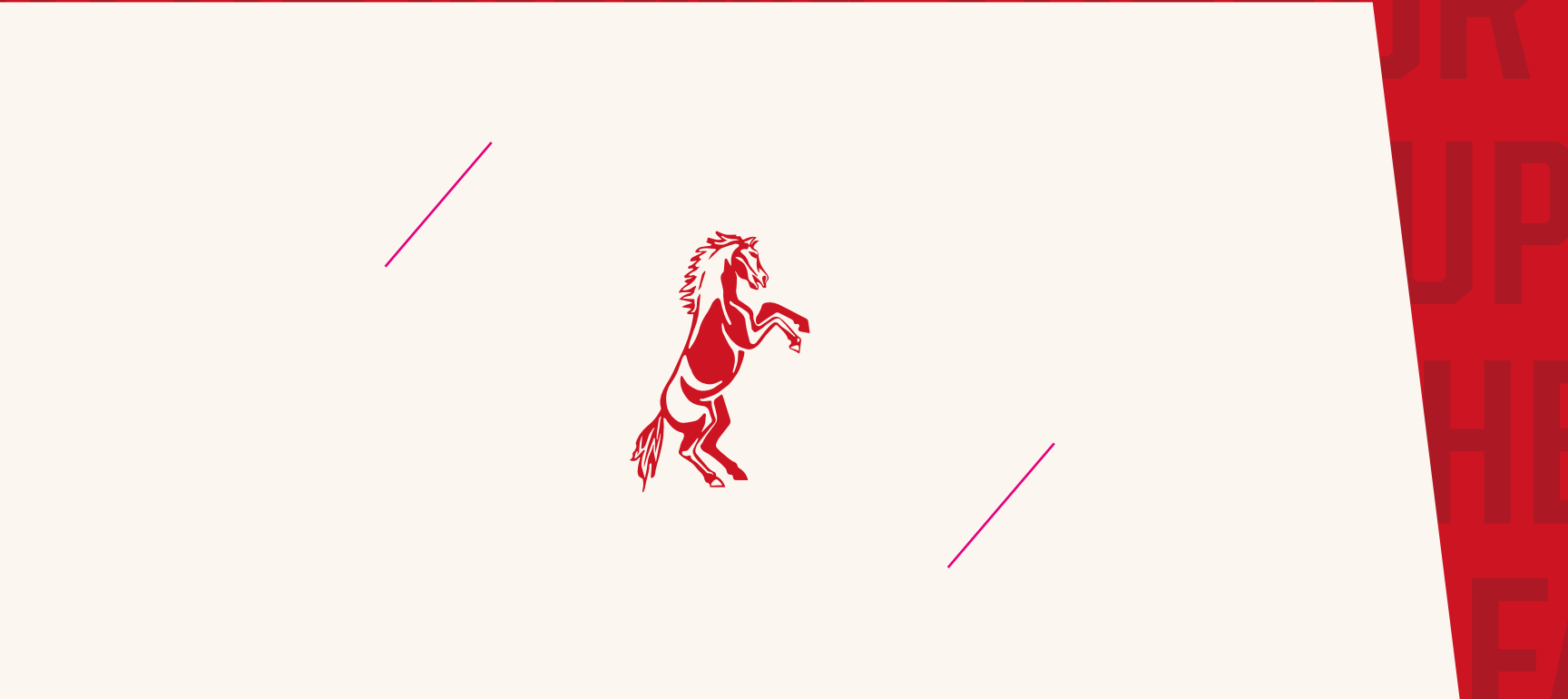
FROM THE GROUND UP
SUPPORTING FARMERS

MUSTANG SEEDS

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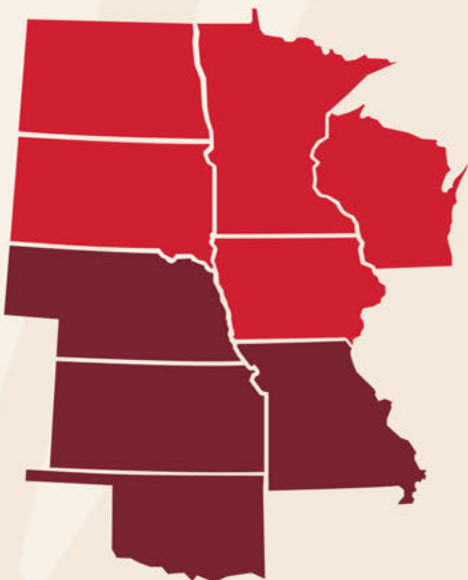
SUPPORTING FARMERS FROM THE GROUND UP

At Mustang Seeds, we support farmers with a people-first approach. We are committed to providing local service and regional knowledge, along with the benefits of GDM's world-class genetics and extensive product research.

THIS MEANS BEING MORE THAN JUST A SEED PROVIDER

- WE PROVIDE LOCAL PRODUCT RECOMMENDATIONS *WITH* WORLD-CLASS RESEARCH.
- WE PROVIDE PERSONALIZED SUPPORT *WITH* INNOVATIVE TECHNOLOGY.
- WE PROVIDE PRODUCT TRANSPARENCY *WITH* TRAIT INDEPENDENCE.

Thank you for the opportunity to be your trusted independent seed partner for quality products, and personalized solutions. We will never stop striving to position ourselves as the best seed partner for your farm's immediate needs and long-term success!



REGIONAL HEADQUARTERS

NORTHERN REGION | 800.952.3234
1021 SW 10TH STREET, MADISON, SD 57042

SOUTHERN REGION | 800.819.7333
1906 KINGMAN RD, OTTAWA, KS 66067

ABOUT GDM

A GLOBAL LEADER IN PLANT GENETICS

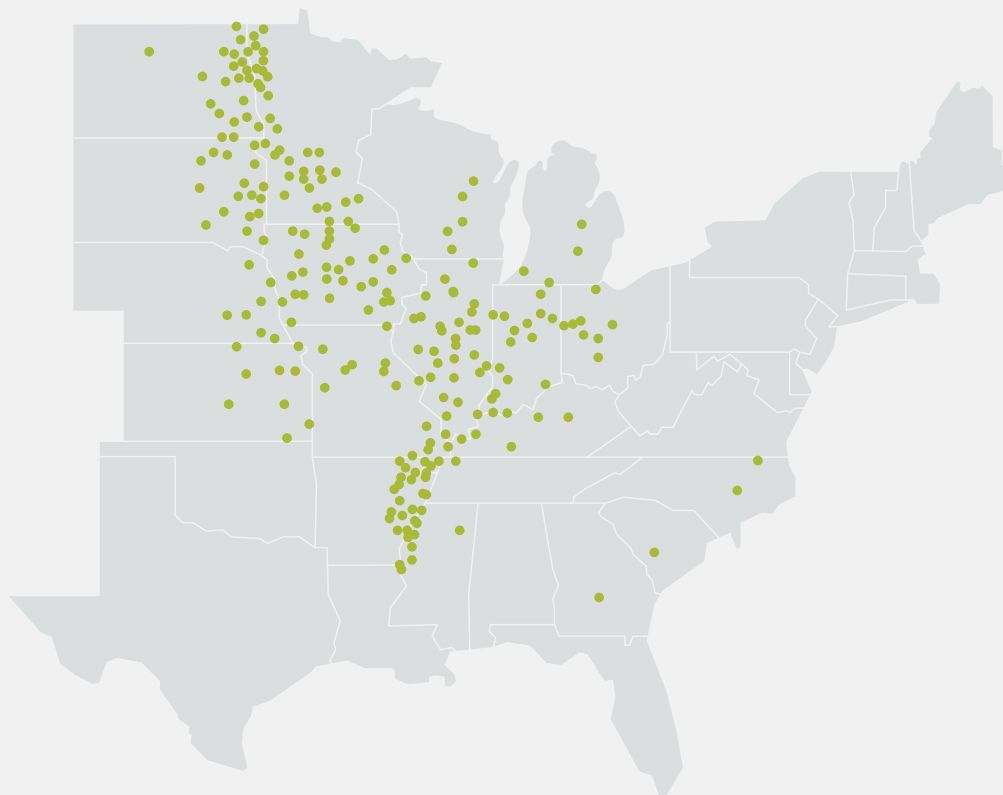
We are an independent, family-owned company operating in more than **15 countries** throughout the world, contributing significantly to world agricultural productivity and transformation.

We continue to grow the largest and most diverse soybean genetics bank worldwide and strive to deliver the best combination of traits and genetics for local geographies.

Nearly one in two of the world's soybean acres contain GDM genetics.

Our vast testing network comprises **400,000+ test plots** at nearly **120 research locations** across the U.S.

4 U.S. breeding stations serve as centers of research and innovation.



GDM EVOLVING AGRICULTURE

2024 GDM Testing Network

RED HORSE CROP INSURANCE

In 2017, Mustang Seeds established its own crop insurance division known as Red Horse Crop Insurance (RHCI), which Corey Strom took on the role of being our lead agent. Red Horse Crop Insurance offers Multi-Peril Crop Insurance (MPCI), Hail and Pasture Range Forage (PRF) and Livestock Risk Protection (LRP). You can expect a family-owned experience when doing business with RHCI!

Mission Statement: Red Horse Crop Insurance is a reputable provider of crop insurance that strives to provide growers with a line of protection against multiple perils. We bring experience and professional top-notch dedication to your operation.

Red Horse Crop Insurance and The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

CLIMATE



Making use of your farm data without over complicating it. Mustang Seeds Precision Ag Department focuses on automating your variable rate mapping experience while using the latest technologies to maximize every acre. Optimus and Premier Crop Systems are the two main precision partners that Mustang utilizes. Climate FieldView & John Deere Operation Center serve as the data transfer systems.



MUSTANG SEEDS IS A PROUD SPONSOR AND SUPPORTER OF FARM RESCUE



MUSTANG SHIELD MAX



Mustang Shield seed treatment is designed precisely for the environments we cover. Specifically customized for our customers, our seed treatment options will ensure your seed has the best start for all possible growing conditions.

	MAX	MAX & INOCULANT	MAX, INOCULANT, & HEADS UP	MAX, INOCULANT, & SALTRO
APRON XL® FUNGICIDE	✓	✓	✓	✓
MAXIM® 4FS FUNGICIDE	✓	✓	✓	✓
CRUISER® 5FS INSECTICIDE	✓	✓	✓	✓
INOCULANT		✓	✓	✓
HEADS UP®			✓	
SALTRO®				✓



Apron XL®, Maxim® 4FS, and Cruiser® 5FS are registered trademarks of a Syngenta Group Company.



Mustang Seeds "Agro-Guard™" recognizes a class of hybrids and varieties that have been selected for having strong ratings across all of the key attributes listed when positioned in suitable geography. Every Agro-Guard™ hybrid and variety has been pressure-tested in local field trails and demonstrates a defensive stand.

CORN









GOSS'S WILT
GRAY LEAF SPOT
NORTHERN CORN LEAF SPOT
STRESS TOLERANCE
STALK STRENGTH
ROOT STRENGTH

SOYBEAN



IRON DEFICIENCY CHLOROSIS
WHITE MOLD
SUDDEN DEATH SYNDROME
SOYBEAN CYST NEMATODE
PHYTOPHTHORA ROOT ROT
BROWN STEM ROT
STRESS TOLERANCE

NUMBERING & TECHNOLOGY

CORN NUMBERING AND TECHNOLOGY

RELEASES 2023 AND NEWER				
48J99	<p>4 Maturity Ranges</p> <p>1 ≤ 85 6 = 106 - 110 2 = 85 - 90 7 = 111 - 113 3 = 91 - 95 8 = 114 - 115 4 = 96 - 100 9 = 115+ 5 = 101 - 105</p>	<p>8 Technology</p> <p>0 = Conventional 1 = Roundup Ready® Corn 2 or Syngenta Traits 2 = VT Double PRO® Corn 3 = Trecepta® Corn 4 = VT4PRO™ Corn</p> <p>5 = PowerCore® Enlist® Corn 6 = Unassigned 7 = DroughtGard® Hybrids with VT Double PRO® Corn 8 = SmartStax® Corn 9 = SmartStax® PRO Corn</p>	J Sequence Letter	99 Relative Maturity (99) days
RELEASES 2022 AND PRIOR (5 DIGIT NUMBER)				
67498	<p>6 Maturity Ranges</p> <p>4 - 6 = 94 - 100 7 - 9 = 101 - 113</p>	<p>7 Technology</p> <p>0 = Conventional 1 = Roundup Ready® Corn 2 or Agrisure 2 = VT Double PRO® Corn 3 = Trecepta® Corn</p> <p>7 = DroughtGard® Hybrids with VT Double PRO® Corn 8 = SmartStax® Corn 9 = SmartStax® PRO Corn</p>	4 Random Number	98 Relative Maturity 00 > 100 Days 13 > 113 Days 74 > 74 Days
RELEASES 2022 AND PRIOR (4 DIGIT NUMBER)				
5200	<p>5 Maturity Ranges</p> <p>0 = Conventional 1 - 9 = Random</p>	<p>2 Technology</p> <p>0 = Roundup Ready® Corn 2 or Agrisure 2 = VT Double PRO® Corn</p> <p>7 = DroughtGard® Hybrids with VT Double PRO® Corn 8 = SmartStax® Corn</p>	00 Relative Maturity 00 > 100 Days 13 > 113 Days 74 > 74 Days	
TECHNOLOGY				
<p>SS RIB SmartStax® RIB Complete® Corn Blend</p>		<p>RR Roundup Ready® Corn 2</p>		
<p>SS PRO RIB SmartStax® PRO RIB Complete® Corn Blend</p>		<p>PCE RA PowerCore® Enlist® Refuge Advanced®</p>		
<p>TRE RIB Trecepta® RIB Complete® Corn Blend</p>		<p>GT Agrisure® GT</p>		
<p>VT2P PRO RIB VT Double PRO® RIB Complete® Corn Blend</p>		<p>GT/LL Agrisure® GT/CB/LL</p>		
<p>VT2P DG RIB DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend</p>				

SOYBEAN NUMBERING AND TECHNOLOGY

XTENDFLEX® - (RELEASES 2023 AND NEWER)					
XF13323	<p>XF Technology XF = XtendFlex®</p>	<p>13 Maturity Ranges</p> <p>13 = 1.3 09 = 0.9 008 = 0.08</p>	<p>3 Sequence Number</p>	<p>2 Cyst Resistance Source</p> <p>1 = Non-Cyst 2 = PI88788 3 = Peking</p>	<p>3 Launch Year (2023)</p>
ENLIST E3® AND CONVENTIONAL - (RELEASES 2023 AND NEWER)					
13E335	<p>20 Maturity Ranges</p> <p>20 = 2.0 09 = 0.9 008 = 0.08</p>	<p>E Technology ES = Enlist E3® + STS® C = Conventional</p>	<p>3 Sequence Number</p>	<p>3 Cyst Resistance Source</p> <p>1 = Non-Cyst 2 = PI88788 3 = Peking</p>	<p>5 Launch Year (2025)</p>
TECHNOLOGY					
E Enlist E3® Soybeans		XF XtendFlex® Soybeans			

BRAND	MATURITY	PLANT HEIGHT	EAR HEIGHT	EAR TYPE	EAR FLEX	YIELD ENVIRONMENT	PLANTING RATE	DROUGHT TOLERANCE	SEEDLING VIGOR	STALK RATING	ROOT RATING	FLOWER DATE	CONTINUOUS CORN	LATE SEASON INTACTNESS
NEW 15P75 PCE RA	75	M	M	F	VG	L,M,H	M	G	VG	G	G	L	G	G
NEW 12A77 VT2P RIB	77	MT	MH	F	AVG	L,M,H	M	VG	G	G	VG	ML	VG	G
2282 VT2P RIB	82	MS	M	F	VG	M,H	M,H	VG	VG	G	VG	M	BA	AVG
4282 VT2P RIB	82	MT	M	F	AVG	M,H	M	G	VG	G	VG	M	BA	G
4082 RR	82	MT	M	F	AVG	M,H	M	G	VG	G	VG	M	BA	G
0482 CONV	82	MT	M	F	AVG	M,H	M	G	VG	G	VG	M	BA	G
2283 VT2P RIB	83	M	M	F	E	L,M,H	M,H	VG	VG	E	VG	N/A	VG	G
2083 RR	83	M	M	F	E	L,M,H	M,H	VG	VG	E	VG	N/A	VG	G
NEW 12B85 VT2P RIB	85	M	MH	F	G	L,M,H	L,M	G	VG	VG	G	M	VG	G
2285 VT2P RIB	85	MT	M	F	VG	L,M,H	M,H	G	G	VG	VG	M	BA	G
3287 VT2P RIB	87	MT	M	F	VG	M,H	M,H	AVG	VG	VG	G	M	BA	G
3087 RR	87	MT	M	F	VG	M,H	M,H	AVG	VG	VG	G	M	BA	G
0387 CONV	87	MT	M	F	VG	M,H	M,H	AVG	VG	VG	G	M	BA	VG
2290 VT2P RIB	90	MT	MH	F	E	L,M,H	M,H	VG	E	G	AVG	E	VG	AVG
0290 CONV	90	M	M	F	VG	L,M,H	M,H	G	E	VG	E	M	BA	VG
2291 VT2P RIB	91	M	M	F	VG	L,M,H	M,H	G	E	VG	E	M	BA	VG
41691 GT/LL	91	MT	M	F	VG	L,M,H	L,M,H	VG	E	VG	AVG	ME	VG	VG
4291 VT2P RIB	91	T	M	F	VG	L,M,H	L,M,H	VG	G	G	G	M	VG	G
NEW 38T92 SS RIB	92	M	M	F	AVG	M,H	M,H	G	G	G	G	ML	G	VG
8200 RR	92	T	MH	F	VG	M,H	M,H	VG	G	AVG	AVG	M	BA	G
3292 VT2P RIB	92	MT	M	F	VG	M,H	M,H	VG	E	VG	VG	L	G	G
3092 RR	92	MT	M	F	VG	M,H	M,H	VG	E	VG	VG	L	G	G
0292 CONV	92	MT	M	F	VG	M,H	M,H	VG	E	VG	VG	L	G	G
NEW 32G94 VT2P RIB	94	MT	M	F	VG	L,M,H	M,H	G	G	G	G	M	G	G
48894 SS RIB	94	M	M	F	AVG	M,H	M,H	AVG	G	VG	VG	M	G	VG
3294 VT2P RIB	94	MT	M	F	VG	M,H	M,H	G	G	G	G	M	VG	AVG
5294 VT2P RIB	94	M	M	F	VG	L,M,H	M,H	AVG	AVG	G	VG	M	BA	VG
4295 VT2P RIB	95	M	ML	F	AVG	M,H	M,H	VG	G	VG	VG	L	VG	G

Rating Scale: E = Excellent | VG = Very Good | G = Good | AVG = Average | BA = Below Average | N/A = Not Available
 Plant Height: MT = Medium-Tall | M = Medium | T = Tall | MS = Medium-Short
 Ear Type: F = Flex | D = Determinate

STAY GREEN	DRY DOWN	TEST WEIGHT	HUSK COVER	MINIMUM TILLAGE	SILAGE USE RECOMMENDED	GOSS'S WILT	GRAY LEAF	NORTHERN LEAF BLIGHT	TAR SPOT	FUNGICIDE RESPONSE	BRAND
AVG	VG	G	G	VG	NO	G	AVG	VG	N/A	G	15P75 PCE RA <small>NEW</small>
AVG	VG	G	G	G	N/A	G	G	VG	N/A	VG	12A77 VT2P RIB <small>NEW</small>
AVG	G	G	S	VG	N/A	G	N/A	VG	N/A	VG	2282 VT2P RIB
G	VG	G	G	VG	N/A	AVG	AVG	G	N/A	G	4282 VT2P RIB
G	VG	G	G	VG	N/A	AVG	AVG	G	N/A	G	4082 RR
G	VG	G	G	VG	N/A	AVG	AVG	G	N/A	VG	0482 CONV
VG	G	G	G	VG	YES	VG	VG	VG	N/A	VG	2283 VT2P RIB
VG	G	G	G	VG	YES	VG	VG	VG	N/A	VG	2083 RR
AVG	G	AVG	G	VG	NO	G	AVG	G	N/A	VG	12B85 VT2P RIB <small>NEW</small>
VG	VG	G	G	G	NO	G	AVG	G	N/A	VG	2285 VT2P RIB
VG	G	G	L	VG	NO	AVG	AVG	G	N/A	E	3287 VT2P RIB
VG	G	G	L	VG	NO	AVG	AVG	G	N/A	E	3087 RR
VG	G	G	L	VG	NO	AVG	AVG	G	N/A	E	0387 CONV
G	G	AVG	G	E	YES	G	G	VG	N/A	VG	2290 VT2P RIB
G	VG	G	G	E	NO	AVG	AVG	VG	N/A	VG	0290 CONV
G	VG	G	G	E	NO	AVG	AVG	VG	N/A	VG	2291 VT2P RIB
G	G	AVG	G	E	YES	E	VG	VG	N/A	AVG	41691 GT/LL
AVG	G	G	G	G	NO	VG	AVG	G	N/A	VG	4291 VT2P RIB
VG	AVG	AVG	G	G	N/A	VG	AVG	G	BA	G	38T92 SS RIB <small>NEW</small>
AVG	AVG	E	G	G	YES	BA	G	G	N/A	VG	8200 RR
G	G	G	G	E	YES	G	G	VG	N/A	VG	3292 VT2P RIB
G	G	G	G	E	YES	G	G	VG	N/A	VG	3092 RR
G	G	G	G	E	YES	G	G	VG	N/A	VG	0292 CONV
G	G	G	G	G	N/A	G	AVG	AVG	BA	VG	32G94 VT2P RIB <small>NEW</small>
VG	VG	AVG	G	G	NO	G	AVG	VG	AVG	G	48894 SS RIB
AVG	G	G	G	G	NO	G	AVG	AVG	N/A	VG	3294 VT2P RIB
G	VG	VG	G	G	NO	G	G	G	BA	VG	5294 VT2P RIB
AVG	G	VG	G	G	YES	G	AVG	G	BA	G	4295 VT2P RIB

CORN

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BRAND	MATURITY	PLANT HEIGHT	EAR HEIGHT	EAR TYPE	EAR FLEX	YIELD ENVIRONMENT	PLANTING RATE	DROUGHT TOLERANCE	SEEDLING VIGOR	STALK RATING	ROOT RATING	FLOWER DATE	CONTINUOUS CORN	LATE SEASON INTACTNESS
0995 CONV	95	M	ML	F	AVG	M,H	M,H	VG	G	VG	VG	L	VG	G
49C95 SS PRO RIB	95	M	M	F	VG	L,M,H	M	G	G	VG	VG	M	VG	G
3795 VT2P DG RIB	95	MT	MH	F	E	L,M,H	L,M	VG	VG	G	G	ME	BA	VG
43M96 TRE RIB	96	M	M	F	VG	L,M,H	L,M	G	AVG	VG	VG	M	BA	VG
4296 VT2P RIB	96	M	M	F	VG	L,M,H	M,H	VG	E	VG	E	ML	BA	G
4096 RR	96	M	M	F	VG	L,M,H	M,H	VG	E	VG	E	ML	BA	G
0996 CONV	96	M	M	F	VG	L,M,H	M,H	VG	E	VG	E	ML	BA	G
4397 TRE RIB	97	MT	MH	F	E	M,H	M,H	G	G	VG	VG	L	VG	G
0997 CONV	97	MT	M	F	E	L,M,H	M,H	VG	AVG	G	G	M	BA	VG
NEW 45D98 PCE RA	98	M	M	F	VG	M,H	M,H	G	VG	VG	VG	M	G	G
67498 VT2P DG RIB	98	MT	M	F	VG	L,M,H	M,H	G	VG	VG	G	M	BA	VG
6298 VT2P RIB	98	M	M	F	VG	M,H	M,H	G	VG	G	VG	M	BA	VG
48J99 SS RIB	99	M	M	F	VG	L,M,H	L,M	G	VG	G	VG	M	E	G
NEW 52G00 VT2P RIB	100	M	M	F	AVG	L,M,H	M,H	VG	VG	G	G	M	VG	G
62600 VT2P RIB	100	MT	M	F	VG	L,M,H	M	VG	E	VG	VG	M	BA	VG
5700 VT2P DG RIB	100	M	ML	F	VG	L,M,H	M,H	VG	E	E	VG	ME	BA	VG
0100 CONV	100	M	ML	F	VG	L,M,H	M,H	VG	E	E	VG	ME	BA	VG
52500 VT2P RIB	100	MS	M	F	VG	L,M,H	M	VG	E	VG	VG	M	BA	VG
5800 SS RIB	100	M	M	F	VG	M,H	M,H	G	AVG	G	G	M	VG	AVG
5200 VT2P RIB	100	M	M	F	VG	M,H	M,H	G	AVG	G	G	M	VG	AVG
5000 GT	100	MT	MH	F	VG	L,M,H	M,H	VG	VG	VG	G	M	G	VG
78801 SS RIB	101	MT	M	F	VG	L,M,H	M	VG	AVG	G	AVG	ME	G	VG
59H02 SS PRO RIB	102	M	M	F	VG	L,M,H	M	G	VG	VG	VG	ME	VG	G
NEW 55L02 PCE RA	102	M	M	F	VG	L,M,H	L,M,H	VG	VG	VG	G	M	VG	VG
7803 SS RIB	103	MT	M	F	VG	M,H	M,H	G	G	G	G	M	G	G
7203 VT2P RIB	103	MT	M	F	VG	M,H	M,H	G	G	G	G	M	G	G
0703 CONV	103	MT	M	F	VG	M,H	M,H	G	G	G	G	M	G	G
53N04 TRE RIB	104	MT	MH	F	VG	L,M,H	L,M	VG	VG	G	G	M	BA	AVG

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Plant Height: MT = Medium-Tall | M = Medium | T = Tall | MS = Medium-Short
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STAY GREEN	DRY DOWN	TEST WEIGHT	HUSK COVER	MINIMUM TILLAGE	SILAGE USE RECOMMENDED	GOSS'S WILT	GRAY LEAF	NORTHERN LEAF BLIGHT	TAR SPOT	FUNGICIDE RESPONSE	BRAND
AVG	G	VG	G	G	YES	G	AVG	AVG	BA	G	0995 CONV
G	VG	VG	S	G	N/A	VG	VG	V	N/A	E	49C95 SS PRO RIB
AVG	VG	E	S	VG	YES	G	G	G	N/A	VG	3795 VT2P DG RIB
VG	VG	VG	G	G	YES	G	AVG	AVG	BA	G	43M96 TRE RIB
G	AVG	VG	G	E	NO	G	AVG	G	AVG	VG	4296 VT2P RIB
G	AVG	VG	G	E	NO	G	AVG	G	AVG	VG	4096 RR
G	AVG	VG	G	E	NO	G	AVG	G	AVG	VG	0996 CONV
VG	AVG	AVG	G	G	YES	VG	VG	G	BA	VG	4397 TRE RIB
VG	AVG	AVG	G	AVG	YES	E	VG	G	AVG	G	0997 CONV
G	G	G	G	VG	YES	VG	AVG	VG	VG	G	45D98 PCE RA NEW
G	VG	G	G	VG	YES	AVG	AVG	G	AVG	VG	67498 VT2P DG RIB
G	E	G	G	VG	N/A	VG	V	V	BA	G	6298 VT2P RIB
G	VG	VG	G	VG	NO	AVG	G	VG	AVG	G	48J99 SS RIB
G	G	AVG	G	VG	N/A	G	G	AVG	G	G	52G00 VT2P RIB NEW
AVG	E	VG	L	E	YES	AVG	AVG	AVG	BA	G	62600 VT2P RIB
G	G	AVG	L	E	NO	VG	AVG	G	N/A	G	5700 VT2P DG RIB
G	G	AVG	L	E	NO	VG	AVG	G	N/A	G	0100 CONV
G	VG	VG	G	E	YES	VG	G	AVG	G	G	52500 VT2P RIB
G	AVG	AVG	G	AVG	YES	G	G	VG	G	E	5800 SS RIB
G	AVG	AVG	G	AVG	YES	G	G	VG	G	E	5200 VT2P RIB
G	G	G	G	VG	NO	G	AVG	AVG	N/A	AVG	5000 GT
VG	G	AVG	G	G	YES	AVG	AVG	G	N/A	VG	78801 SS RIB
G	G	G	G	VG	YES	G	G	AVG	G	G	59H02 SS PRO RIB
G	G	G	G	VG	YES	VG	G	VG	G	VG	55L02 PCE RA NEW
VG	G	VG	S	VG	YES	VG	AVG	G	BA	VG	7803 SS RIB
VG	G	VG	S	VG	YES	VG	AVG	G	BA	VG	7203 VT2P RIB
VG	G	VG	S	VG	YES	VG	AVG	G	BA	VG	0703 CONV
AVG	VG	AVG	G	VG	YES	G	G	G	BA	VG	53N04 TRE RIB

CORN

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87304 VT2P DG RIB	104	MT	MH	F	E	L,M,H	L,M,H	VG	VG	VG	G	L	VG	G
NEW 0504 CONV	104	MT	MH	F	VG	L,M,H	L,M,H	G	VG	E	G	E	VG	VG
78505 SS RIB	105	MT	MH	F	VG	L,M,H	M	G	VG	AVG	AVG	M	G	AVG
78706 SS RIB	106	MT	MH	F	VG	L,M,H	M,H	G	VG	AVG	AVG	M	BA	G
69F07 SS PRO RIB	107	M	M	F	AVG	L,M,H	M,H	G	VG	VG	VG	M	G	G
8207 VT2P RIB	107	MT	M	F	VG	L,M,H	M,H	VG	VG	G	G	M	VG	G
82308 VT2P RIB	108	MT	M	F	VG	L,M,H	M,H	VG	VG	G	VG	M	G	G
9209 VT2P RIB	109	M	M	F	VG	M,H	M,H	G	VG	AVG	VG	M	BA	AVG
NEW 62V09 VT2P RIB	109	MT	MH	F	G	L,M	M	G	VG	VG	G	M	G	G
NEW 65C09 PCE RA	109	M	M	F	VG	L,M,H	L,M,H	G	VG	E	VG	L	VG	G
9311 TRE RIB	111	M	MH	F	AVG	L,M,H	M,H	AVG	G	G	G	M	BA	G
79R12 SS PRO RIB	112	MT	M	F	AVG	L,M,H	M	G	AVG	VG	VG	ML	VG	G
97113 VT2P DG RIB	113	M	M	F	VG	L,M,H	M,H	AVG	G	VG	VG	M	BA	VG
CONVENTIONAL														
0482 CONV	82	MT	M	F	AVG	M,H	M	G	VG	G	VG	M	BA	G
0387 CONV	87	MT	M	F	VG	M,H	M,H	AVG	VG	VG	G	M	BA	VG
0290 CONV	90	M	M	F	VG	L,M,H	M,H	G	E	VG	E	M	BA	VG
0292 CONV	92	MT	M	F	VG	M,H	M,H	VG	E	VG	VG	L	G	G
0995 CONV	95	M	ML	F	AVG	M,H	M,H	VG	G	VG	VG	L	VG	G
0996 CONV	96	M	M	F	VG	L,M,H	M,H	VG	E	VG	E	ML	BA	G
0997 CONV	97	MT	M	F	E	L,M,H	M,H	VG	AVG	G	G	M	BA	VG
0100 CONV	100	M	ML	F	VG	L,M,H	M,H	VG	E	E	VG	ME	BA	VG
0703 CONV	103	MT	M	F	VG	M,H	M,H	G	G	G	G	M	G	G
NEW 0504 CONV	104	MT	MH	F	VG	L,M,H	L,M,H	VG	VG	E	G	E	VG	VG
LEAFY CORN														
S1095 RR/LFY	95	T	M	F	E	L,M,H	L,M	VG	VG	G	VG	N/A	N/A	N/A
S1100 RR/LFY	100	T	M	F	E	L,M,H	L,M	VG	VG	G	VG	N/A	N/A	N/A
S1103 RR/LFY	103	T	M	F	E	L,M,H	L,M	VG	VG	G	VG	N/A	NR	VG

Rating Scale: E = Excellent | VG = Very Good | G = Good | AVG = Average | BA = Below Average | N/A = Not Available
 Plant Height: MT = Medium-Tall | M = Medium | T = Tall | MS = Medium-Short
 Ear Type: F = Flex | D = Determinate

STAY GREEN	DRY DOWN	TEST WEIGHT	HUSK COVER	MINIMUM TILLAGE	SILAGE USE RECOMMENDED	GOSS'S WILT	GRAY LEAF	NORTHERN LEAF BLIGHT	TAR SPOT	FUNGICIDE RESPONSE	BRAND
G	VG	G	G	VG	YES	VG	VG	AVG	BA	E	87304 VT2P DG RIB
E	G	VG	L	VG	YES	E	VG	VG	VG	VG	0504 CONV <small>NEW</small>
AVG	G	AVG	G	G	YES	AVG	AVG	AVG	G	VG	78505 SS RIB
G	VG	G	G	VG	NO	E	AVG	G	BA	VG	78706 SS RIB
AVG	G	G	G	VG	N/A	G	G	AVG	BA	E	69F07 SS PRO RIB
G	G	AVG	G	AVG	YES	VG	VG	VG	BA	VG	8207 VT2P RIB
G	G	VG	G	VG	YES	VG	VG	VG	BA	E	82308 VT2P RIB
AVG	AVG	AVG	L	VG	YES	AVG	BA	G	BA	VG	9209 VT2P RIB
G	AVG	AVG	G	VG	N/A	VG	G	AVG	AVG	G	62V09 VT2P RIB <small>NEW</small>
VG	VG	G	L	VG	YES	VG	VG	BA	G	VG	65C09 PCE RA <small>NEW</small>
AVG	G	G	G	G	N/A	G	AVG	G	N/A	E	9311 TRE RIB
AVG	G	G	G	AVG	YES	VG	G	G	BA	VG	79R12 SS PRO RIB
AVG	VG	VG	G	G	N/A	AVG	G	G	N/A	VG	97113 VT2P DG RIB

CONVENTIONAL

G	VG	G	G	VG	N/A	AVG	AVG	G	N/A	VG	0482 CONV
VG	G	G	L	VG	NO	AVG	AVG	G	N/A	E	0387 CONV
G	VG	G	G	E	NO	AVG	AVG	VG	N/A	VG	0290 CONV
G	G	G	G	E	YES	G	G	VG	N/A	VG	0292 CONV
AVG	G	VG	G	G	YES	G	AVG	AVG	BA	G	0995 CONV
G	AVG	VG	G	E	NO	G	AVG	G	AVG	VG	0996 CONV
VG	AVG	AVG	G	AVG	YES	E	VG	G	AVG	G	0997 CONV
G	G	AVG	L	E	NO	VG	AVG	G	N/A	G	0100 CONV
VG	G	VG	S	VG	YES	VG	AVG	G	BA	VG	0703 CONV
E	G	VG	L	VG	YES	E	VG	VG	VG	VG	0504 CONV <small>NEW</small>

LEAFY CORN


AVG	BA	BA	G	VG	YES	E	N/A	VG	N/A	N/A	SI095 RR/LFY
AVG	BA	BA	G	VG	YES	E	N/A	VG	N/A	N/A	SI100 RR/LFY
E	BA	BA	G	VG	YES	VG	G	G	N/A	N/A	SI103 RR/LFY

Rating Scale: E = Excellent | VG = Very Good | G = Good | AVG = Average | BA = Below Average | N/A = Not Available
Plant Height: MT = Medium-Tall | M = Medium | T = Tall | MS = Medium-Short
Ear Type: F = Flex | D = Determinate

15P75 PCE RA NEW

75 DAY

Ear Type	Plant Height
F	M



- Great yield potential in this early day corn
- Fast dry-down for northern placement
- Very good agronomics behind this hybrid
- Great ear flex and strong stress tolerance


ROOT RATING	STALK RATING	SEEDLING VIGOR	DROUGHT TOLERANCE	DRY DOWN
VG	VG	VG	AVG	VG

N/A BA AVG G VG E

12A77 VT2P RIB NEW

77 DAY

Ear Type	Plant Height	GRO-GUARD
F	MT	⊗



- Very adaptable hybrid from east to west
- Very good drought tolerance and good Goss's Wilt rating
- Very good roots and dry-down
- In zone with good western and southern movement


ROOT RATING	STALK RATING	SEEDLING VIGOR	DROUGHT TOLERANCE	DRY DOWN
VG	VG	VG	AVG	VG

N/A BA AVG G VG E

2282 VT2P RIB

82 DAY

Ear Type	Plant Height
F	MS



- Shorter plant stature leaving less crop residue
- Very good test weight and early plant vigor
- Very good stalk and root strength
- Performs well in high and low yielding environments


ROOT RATING	STALK RATING	SEEDLING VIGOR	DROUGHT TOLERANCE	DRY DOWN
VG	VG	VG	AVG	VG

N/A BA AVG G VG E

4282 VT2P RIB 4082 RR

82 DAY

Ear Type	Plant Height
F	MT



- Very good early plant vigor with good stalks and very good roots
- Medium-tall plant with medium ear placement
- Very good dry down and defensive agronomics
- Performs best in the valley and east


ROOT RATING	STALK RATING	SEEDLING VIGOR	DROUGHT TOLERANCE	DRY DOWN
VG	VG	VG	AVG	VG

N/A BA AVG G VG E

2283 VT2P RIB 2083 RR

83 DAY

Ear Type	Plant Height	GRO-GUARD
F	M	⊗



- Unique Goss's Wilt rating for maturity
- Impressive ear flex with consistent performance
- Strong emergence and seedling vigor
- Medium stature and works well in variable soils


ROOT RATING	STALK RATING	SEEDLING VIGOR	DROUGHT TOLERANCE	DRY DOWN
VG	VG	VG	AVG	VG

N/A BA AVG G VG E

12B85 VT2P RIB NEW

85 DAY

Ear Type	Plant Height
F	M



- Solid root and stalk ratings
- Good drought and Goss's Wilt rating
- Flex ear with good dry-down
- Will perform well in low to moderate yield environments


ROOT RATING	STALK RATING	SEEDLING VIGOR	DROUGHT TOLERANCE	DRY DOWN
VG	VG	VG	AVG	VG

N/A BA AVG G VG E

2285 VT2P RIB

85 DAY

Ear Type	Plant Height
F	MT



- This is a very adaptable hybrid in ideal to tough environments
- Very good roots and stalks
- Flex ear with good test weight
- Wide placement options

ROOT RATING	STALK RATING	SEEDLING VIGOR	DROUGHT TOLERANCE	DRY DOWN
VG	VG	VG	AVG	VG

N/A BA AVG G VG E

3287 VT2P RIB 3087 RR, 0387 CONV

87 DAY

Ear Type	Plant Height
F	MT



- Excellent top-end yield with this medium-tall hybrid
- Very good early season vigor
- Very good stalk rating with girthy style ear
- Ideal to variable yield environments

ROOT RATING	STALK RATING	SEEDLING VIGOR	DROUGHT TOLERANCE	DRY DOWN
VG	VG	VG	AVG	VG

N/A BA AVG G VG E

2290 VT2P RIB

90 DAY

Ear Type	Plant Height
F	MT



- Early flower with impressive early vigor
- Hybrid displays good southern movement
- Very good common rust and Northern Leaf Blight
- Great performance across varying yield environments


ROOT RATING	STALK RATING	SEEDLING VIGOR	DROUGHT TOLERANCE	DRY DOWN
VG	VG	VG	AVG	VG

N/A BA AVG G VG E

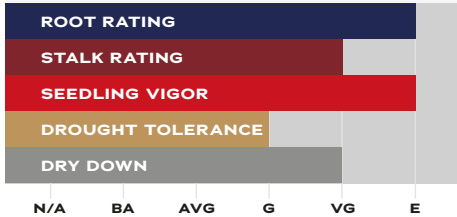
2291 VT2P RIB 0290 CONV

91 DAY

Ear Type	Plant Height
F	M



- Tolerates cold soil with strong emergence and early plant vigor
- Good grain and dual purpose option hybrid
- Very high yielding hybrid and will handle stress
- RM Zone: In zone and has good western movement



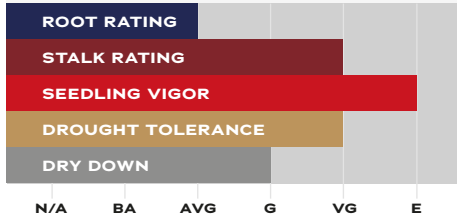
41691 GT/LL

91 DAY

Ear Type	Plant Height	GRO-GUARD
F	MT	



- Wide range of planting populations
- Outstanding emergence and seedling vigor
- Excellent stalk strength
- Best placed in ideal to variable yield environments



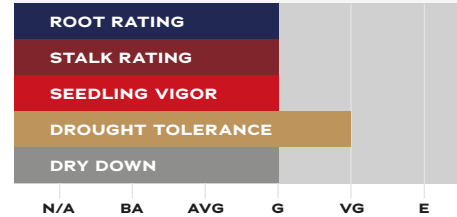
4291 VT2P RIB

91 DAY

Ear Type	Plant Height
F	T




- Very solid flex allowing lower plant population
- Very good Goss's Wilt rating
- Excellent choice at 91 day for western corn belt
- Very good drought tolerance, avoid poorly drained soils



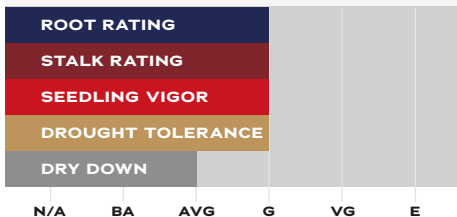
38T92 SS RIB NEW

92 DAY

Ear Type	Plant Height
F	M



- Very nice fall appearance with impressive yield performance
- Good roots, stalks, and seedling vigor
- Works great in moderate to high yield environments
- Plant in zone and south of zone



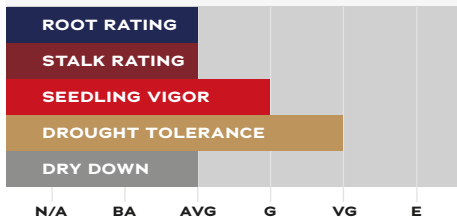
8200 RR

92 DAY

Ear Type	Plant Height
F	T



- Excellent choice for dual-purpose
- Nice grain quality and flex ear
- Keep in zone for best performance
- Best placed ideal to variable yield environments



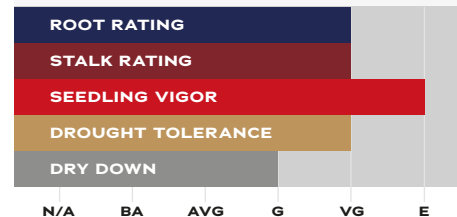
3292 VT2P RIB 3092 RR, 0292 CONV

92 DAY

Ear Type	Plant Height
F	MT




- Excellent early vigor with semi-flex ear style
- Hybrid tolerates high population
- Very strong yields and an option for silage use
- Performs under highly productive or moderately productive soils



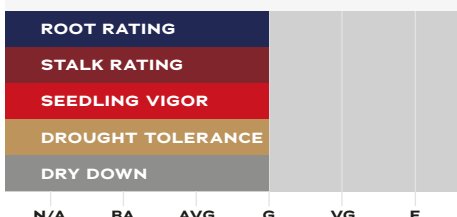
32G94 VT2P RIB NEW

94 DAY

Ear Type	Plant Height
F	MT




- Very good agronomics for wide area of placement
- Good early vigor with very good late season intactness
- Flex ear, very good green snap, and good Goss's Wilt tolerance
- Low, moderate, and high yield environments



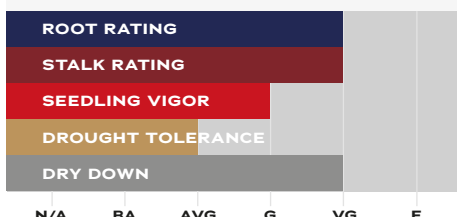
48894 SS RIB

94 DAY

Ear Type	Plant Height
F	M



- Very good stalks and roots
- Hybrid offers nice high yield potential
- Nice stay green and intactness
- Best performance at moderate to higher populations



3294 VT2P RIB

94 DAY

Ear Type	Plant Height
F	MT



- Excellent choice for the high yield acres
- Medium-tall plant that has good drought and Goss's Wilt tolerance
- Flex type ear, responds to high yield management practices
- Will handle all yield environments



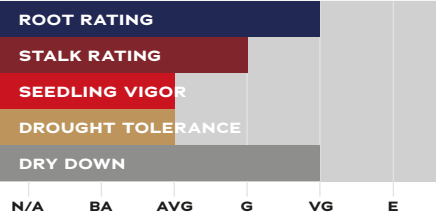
5294 VT2P RIB

94 DAY

Ear Type	Plant Height
F	M



- Good flex in hybrid to allow medium to higher plant populations
- Solid agronomics and has good western movement
- Very good dry-down and Goss's Wilt rating
- Best placed on well drained soils



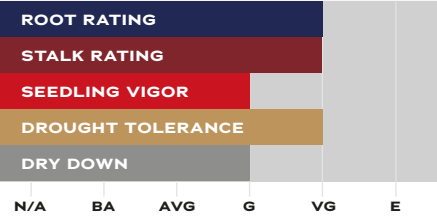
4295 VT2P RIB 0995 CONV

95 DAY

Ear Type	Plant Height
F	M



- Good Goss's Wilt tolerance
- Handles drought type conditions well
- Nice late season health with good test weight
- Very proven field performer in all environments



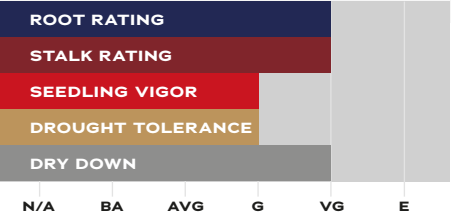
49C95 SS PRO RIB

95 DAY

Ear Type	Plant Height	GRO-GUARD
F	M	✓



- Medium plant height with flex ears
- Husk cover allows fast dry-down
- Good green snap and Goss's Wilt tolerance allows western placement
- Broad acre placement



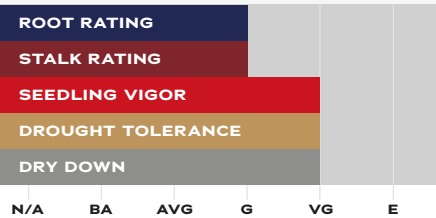
3795 VT2P DG RIB

95 DAY

Ear Type	Plant Height
F	MT



- 95 day hybrid with very good flex
- This hybrid will handle the low productive acre
- Very good drought tolerance and green snap ratings
- Ideal to variable yield environments



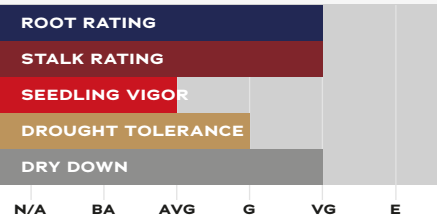
43M96 TRE RIB

96 DAY

Ear Type	Plant Height	GRO-GUARD
F	M	✓



- Very good flex allowing lower planting populations
- Very good green snap and Goss's Wilt for broad placement
- Very good stalks and roots along with drought tolerance
- Adaptable hybrid for ideal to tough environments



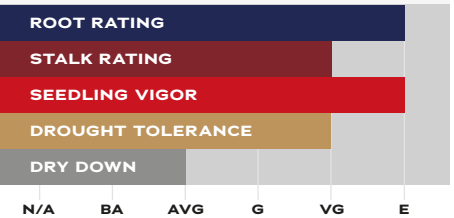
4296 VT2P RIB 4096 RR, 0996 CONV

96 DAY

Ear Type	Plant Height
F	M



- Excellent early vigor for early planting or reduced tillage acres
- Flex ear type with very good stalk and excellent roots
- Very good drought tolerance and late season health
- Proven performance under variety of environments



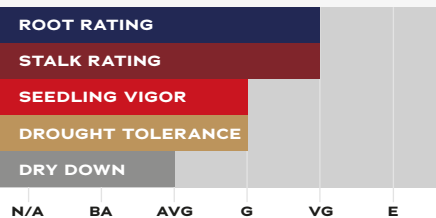
4397 TRE RIB

97 DAY

Ear Type	Plant Height
F	MT



- Later flowering hybrid with average dry-down
- Long flex ears, with good root and stalk rating
- Good Goss's Wilt rating, corn-on-corn would be an option
- Best in zone and south



45D98 PCE RA NEW

98 DAY

Ear Type	Plant Height
F	M



- Excellent high end yield and still strong on lower yields
- Medium ear and plant height with semi-flex ear
- Very good disease package including Tar Spot
- Ideal to variable yield environments



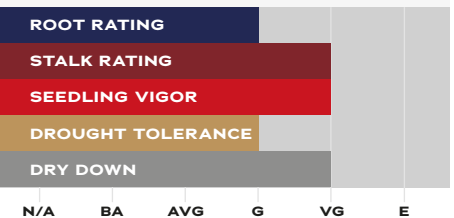
67498 VT2P DG RIB

98 DAY

Ear Type	Plant Height
F	MT




- Nice agronomics for reduced tillage acres
- A consistent hybrid with girthy ears
- Very good yield and dual-purpose use
- Eastern placement to avoid Goss's Wilt



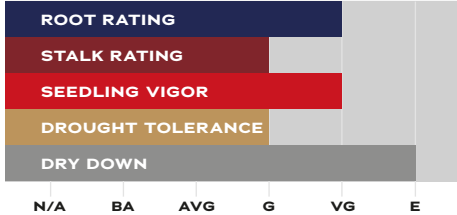
6298 VT2P RIB

98 DAY

Ear Type	Plant Height
F	M



- Nice flex on this hybrid allowing medium to higher populations
- Very nice late season health and dry-down
- Very good plant vigor and roots
- Moderate to high yield environments



48J99 SS RIB

99 DAY

Ear Type	Plant Height	GRO-GUARD
F	M	




- Hybrid excels in high and lower yield environments
- Will move north of zone
- Good option for corn-on-corn acres
- Avoid soils with Goss's Wilt history



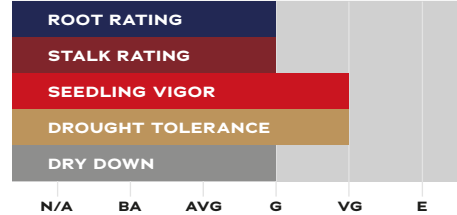
52600 VT2P RIB NEW

100 DAY

Ear Type	Plant Height
F	M



- Hybrid has very large adaptation area
- Very good drought tolerance works in all yield environments
- Very good plant vigor with very nice stay green in the fall
- Moves west well with very good green snap tolerance



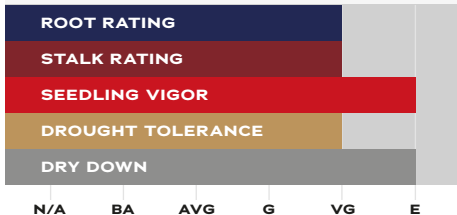
62600 VT2P RIB

100 DAY

Ear Type	Plant Height
F	MT



- Very good agronomics for wide placement
- Very good drought tolerance
- Top-end yield potential with this hybrid
- Avoid soils with Goss's Wilt history



5700 VT2P DG RIB 0100 CONV

100 DAY

Ear Type	Plant Height	GRO-GUARD
F	M	




- Excellent choice on those variable or tough corn acres
- Very good drought tolerance, medium plant height
- Excellent early season growth
- Performs well in high and low yielding environments



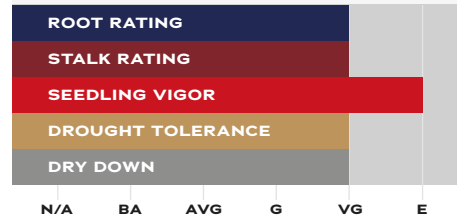
52500 VT2P RIB

100 DAY

Ear Type	Plant Height	GRO-GUARD
F	MS	




- Very good Goss's Wilt tolerance
- Excellent early plant vigor, with great top-end yield
- Great grain hybrid with dual purpose option
- Great choice for your tough and variable ground



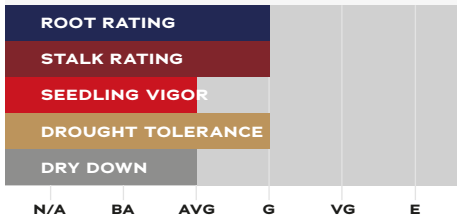
5800 SS RIB 5200 VT2P RIB

100 DAY

Ear Type	Plant Height
F	M




- Flex style ear adapts well to moderate planting populations
- Makes a great companion with our proven 5700VT2P/DG/RIB
- Very good choice for high yielding corn acre
- Great choice for your grain or dual purpose



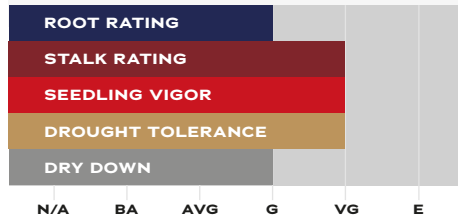
5000 GT

100 DAY

Ear Type	Plant Height
F	MT




- Hybrid with a very broad adaptability
- Will work well on corn-on-corn acres
- Flex ear with good stalk strength on this medium-tall plant
- Best placement low to moderate yield environment



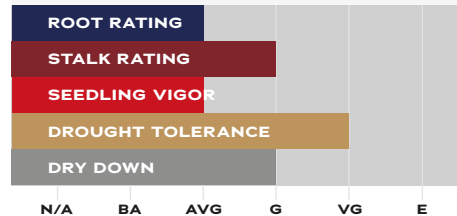
78801 SS RIB

101 DAY

Ear Type	Plant Height
F	MT



- Ear flex allows for variable population rates
- Very good late season health and stay green
- MT hybrid with M ear height, good dual-purpose hybrid
- Avoid soils with Goss's Wilt history



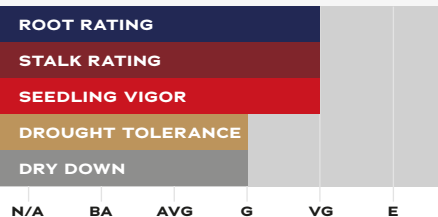
59H02 SS PRO RIB

102 DAY

Ear Type	Plant Height
F	M



- Above average Tar Spot complex
- Good standability with good green snap tolerance
- Good dual-purpose hybrid
- Moderate to high yield environment



N/A BA AVG G VG E

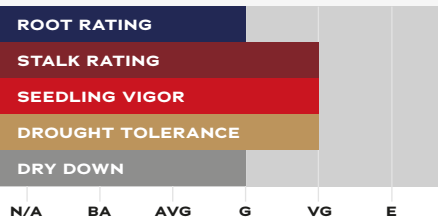
55L02 PCE RA NEW

102 DAY

Ear Type	Plant Height	GRO-GUARD
F	M	



- Medium statured plant and ear placement
- Has all yield levels covered along with very good drought tolerance
- Has very nice west to east movement
- Broad acre placement



N/A BA AVG G VG E

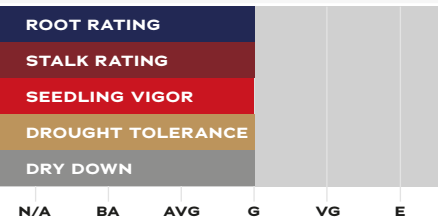
7803 SS RIB 7203 VT2P RIB, 0703 CONV

103 DAY

Ear Type	Plant Height
F	MT



- Very good Goss's Wilt tolerance
- Long ears with deep kernel set
- Good stalk and roots and very good test weight
- Excellent early vigor for early plant or minimum tillage



N/A BA AVG G VG E

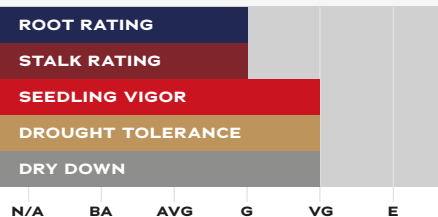
53N04 TRE RIB

104 DAY

Ear Type	Plant Height
F	MT



- Very good hybrid east or west
- Medium-tall hybrid for a good silage option
- Very good agronomic package with this hybrid
- Hybrid adaptable in low, moderate, and high yield environments



N/A BA AVG G VG E

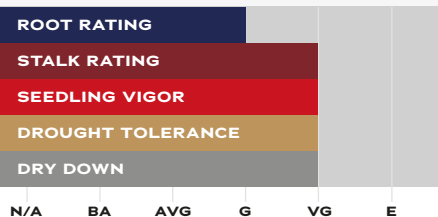
87304 VT2P DG RIB

104 DAY

Ear Type	Plant Height	GRO-GUARD
F	MT	



- Adapts to all soil types with good late season health
- Flex hybrid in length for added yield
- Excellent Goss's Wilt tolerance
- Broad acre placement



N/A BA AVG G VG E

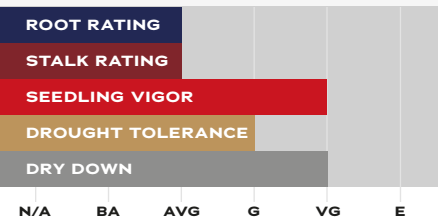
78505 SS RIB

105 DAY

Ear Type	Plant Height
F	MT



- Exceptional yield potential, will respond to extra nitrogen
- Good Tar Spot rating
- Manages to avoid Goss's Wilt acres
- Great grain first, silage capable hybrid



N/A BA AVG G VG E

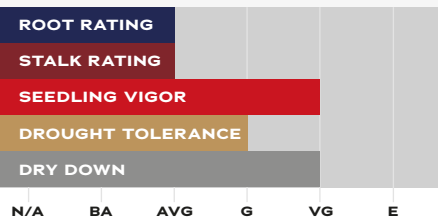
78706 SS RIB

106 DAY

Ear Type	Plant Height	GRO-GUARD
F	MT	



- Good drought tolerance with excellent Goss's Wilt rating
- Very good yields and a good silage option
- Very good early vigor with fast dry-down
- Handles the stress acres along with high yield potential



N/A BA AVG G VG E

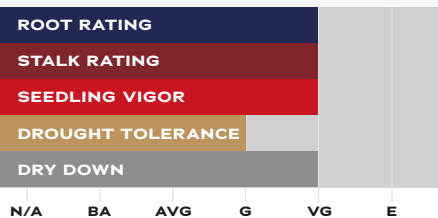
69F07 SS PRO RIB

107 DAY

Ear Type	Plant Height	GRO-GUARD
F	M	



- Very good roots, stalks, and green snap scores
- Good movement east to west
- Excels across all yield environments
- Fungicide recommended with corn-on-corn acres



N/A BA AVG G VG E

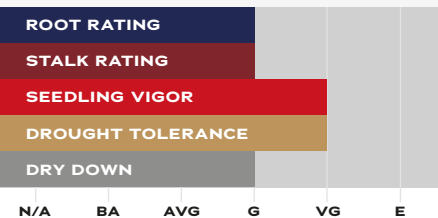
8207 VT2P RIB

107 DAY

Ear Type	Plant Height
F	MT



- Impressive disease tolerance
- Strong roots and stalk
- Has very good southern movement
- Hybrid handles the stress acres



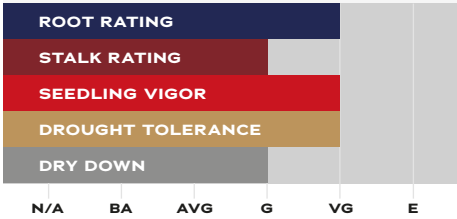
N/A BA AVG G VG E

82308 VT2P RIB

108 DAY

Ear Type	Plant Height	GRO-GUARD	QR
F	MT		

- Very adaptable to a wide range of environments
- High yield potential
- Very nice disease package
- Best placement on moderate to well drained soils

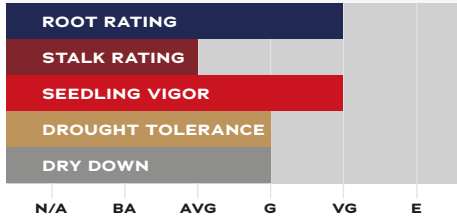


9209 VT2P RIB

109 DAY

Ear Type	Plant Height	GRO-GUARD	QR
F	M		

- Great yield potential
- Moves east and west well
- Very good seedling vigor and green snap tolerance
- Very adaptable as medium to full season product

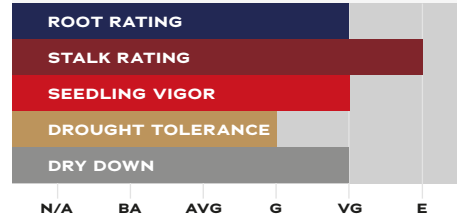


65C09 PCE RA **NEW**

109 DAY

Ear Type	Plant Height	GRO-GUARD	QR
F	M		

- Flex ear medium stature hybrid
- Later flowering hybrid with fast dry-down
- Hybrid will move east and west with very good southern movement
- Built for all yield environments and planting rates

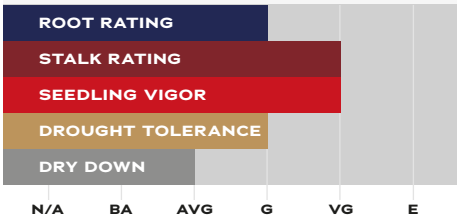


62V09 VT2P RIB **NEW**

109 DAY

Ear Type	Plant Height	GRO-GUARD	QR
F	MT		

- Strong yield performance across geography
- Very good fit for western territory
- Strong ratings on green snap, Goss's Wilt, and stalk health.
- Broad acre placement across soil types and yield environments



9311 TRE RIB

111 DAY

Ear Type	Plant Height	GRO-GUARD	QR
F	M		

- Very good green snap tolerance
- Strong Goss's Wilt rating
- Very adaptable east to west hybrid
- Yields will excel in highly productive fields

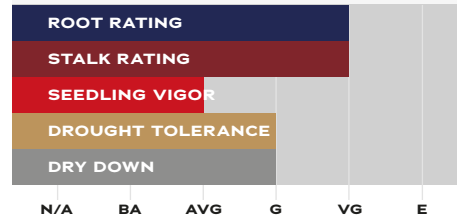


79R12 SS PRO RIB

112 DAY

Ear Type	Plant Height	GRO-GUARD	QR
F	MT		

- Very high top-end yields
- Very good stalks and roots
- Excellent grain and a dual-purpose option
- Great Goss's wilt tolerance for western movement

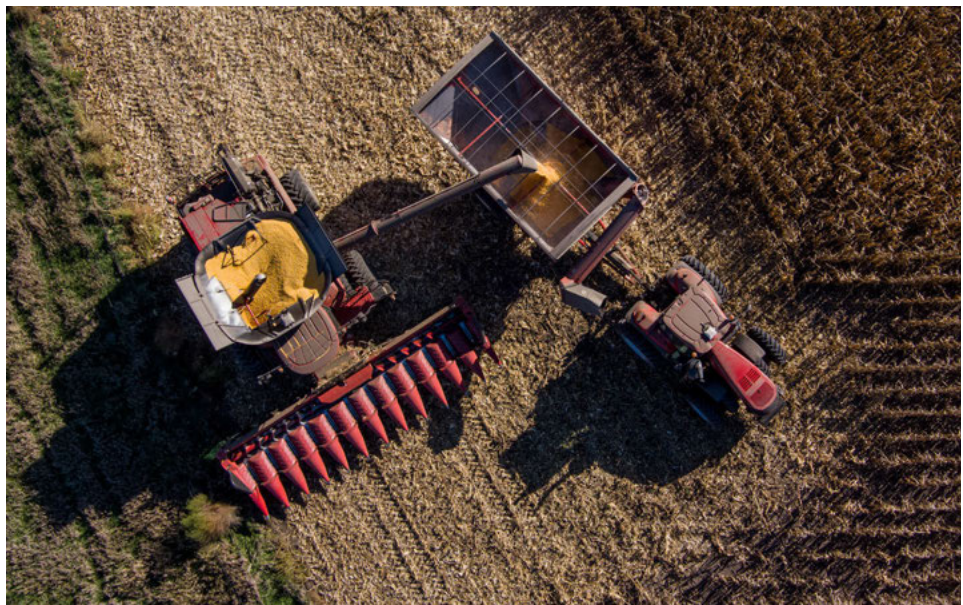
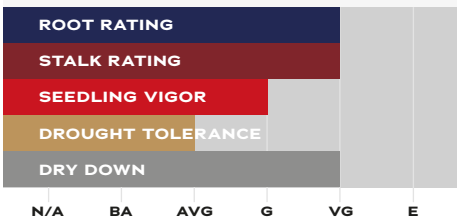


97113 VT2P DG RIB

113 DAY

Ear Type	Plant Height	GRO-GUARD	QR
F	M		

- Very good roots and stalks
- Medium plant height with very nice late season appearance
- Great choice for on high yielding corn acre
- Average Goss's Wilt rating



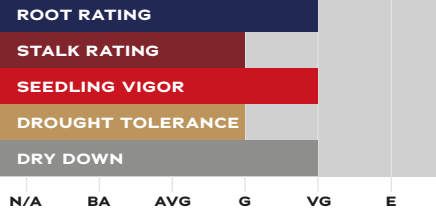
0482 CONV

82 DAY

Ear Type	Plant Height
F	MT



- Very good early plant vigor with good stalks and very good roots
- Medium-tall plant with medium ear placement
- Very good dry-down and defensive agronomics
- Excellent fit in valley and east, will move west out of valley also



N/A BA AVG G VG E

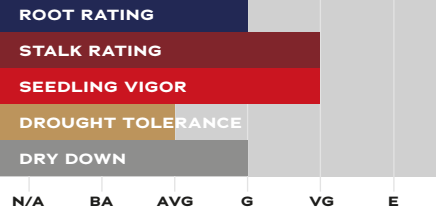
0387 CONV

87 DAY

Ear Type	Plant Height
F	MT



- Excellent top-end yield with this medium-tall hybrid
- Very good early season vigor
- Very good stalk rating with girthy style ear
- Ideal to variable yield environments



N/A BA AVG G VG E

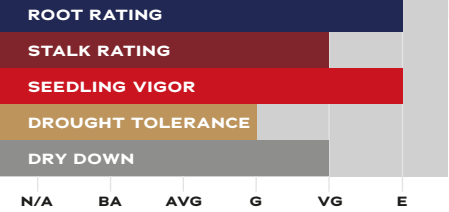
0290 CONV

90 DAY

Ear Type	Plant Height
F	M



- Tolerates cold soil with strong emergence and early plant vigor
- Good grain and dual purpose option hybrid
- Very high yielding hybrid and will handle stress
- RM Zone: In zone and has good western movement



N/A BA AVG G VG E

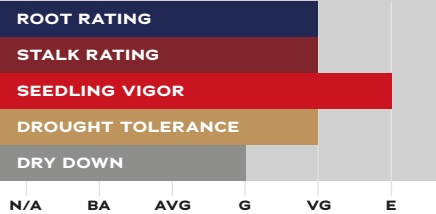
0292 CONV

92 DAY

Ear Type	Plant Height
F	MT



- Excellent early vigor with semi-flex ear style
- Hybrid tolerates high population
- Very strong yields and an option for silage use
- Performs under highly productive or moderately productive soils



N/A BA AVG G VG E

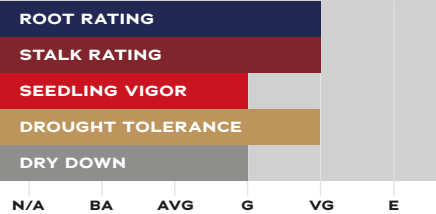
0995 CONV

95 DAY

Ear Type	Plant Height
F	M



- Good Goss's Wilt tolerance
- Handles drought type conditions well
- Nice late season health with good test weight
- Very proven field performer in all environments



N/A BA AVG G VG E

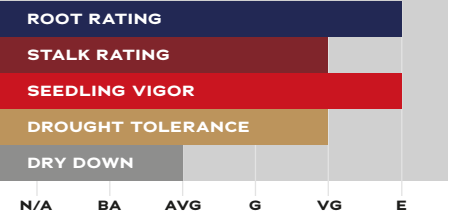
0996 CONV

96 DAY

Ear Type	Plant Height
F	M



- Excellent early vigor for early planting or reduced tillage acres
- Semi-flex ear type with very good stalk and excellent roots
- Very good drought tolerance and late season health
- Proven performance under variety of environments



N/A BA AVG G VG E

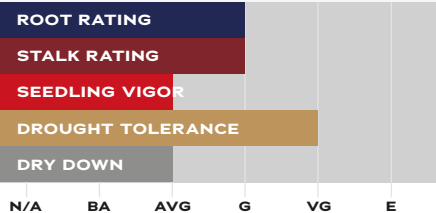
0997 CONV

97 DAY

Ear Type	Plant Height
F	MT



- Very good late season health and stay green
- Excellent Goss's Wilt tolerance with very good roots and stalk
- Performs well in a wide range of yield environments
- High yielding hybrid with dual-purpose options



N/A BA AVG G VG E

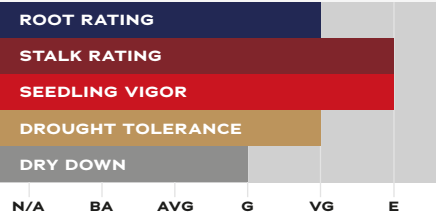
0100 CONV

100 DAY

Ear Type	Plant Height	GRO-GUARD
F	M	



- Excellent choice on those variable or tough corn acres
- Very good drought tolerance, medium plant height
- Excellent early season growth
- Performs well in high and low yielding environments



N/A BA AVG G VG E

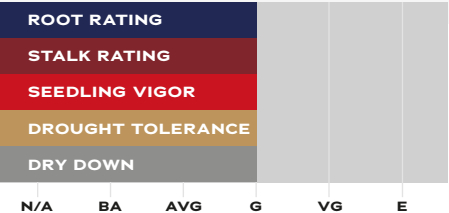
0703 CONV

103 DAY

Ear Type	Plant Height
F	MT



- Very good Goss's Wilt tolerance, with long semi-flex ears
- Long ears with deep kernel set
- Very good stalk and roots and very good test weight
- Excellent early vigor for early plant or minimum tillage



N/A BA AVG G VG E

0504 CONV

NEW

104 DAY

Ear Type
F

Plant Height
MT



- Lead hybrid with great disease ratings
- Long girthy ears with high test weight
- Full season intactness
- Best fit at medium densities and moderate + yield environments

ROOT RATING

STALK RATING

SEEDLING VIGOR

DROUGHT TOLERANCE

DRY DOWN




N/A BA AVG G VG E



CORN



mustangseeds.com

S1095 RR/LFY		S1100 RR/LFY		S1103 RR/LFY																															
95 DAY		100 DAY		101 DAY																															
Ear Type	Plant Height	Ear Type	Plant Height	Ear Type	Plant Height																														
F	T	F	T	F	T																														
																																			
<ul style="list-style-type: none"> • Good agronomic package • Tall plant with excellent tonnage • Will move east or west 		<ul style="list-style-type: none"> • Very good early vigor and drought tolerance • Good roots and stalks • Tall hybrid with medium ear placement • Great tonnage per acre meant for silage only 		<ul style="list-style-type: none"> • A full season 100 RM high-yielding silage hybrid • Excellent stress tolerance extends harvest window • Big, girthy ears with deep kernels on a white cob • Plant at lower populations to maximize true potential 																															
<table border="1"> <tr><td>ROOT RATING</td><td>VG</td></tr> <tr><td>STALK RATING</td><td>G</td></tr> <tr><td>SEEDLING VIGOR</td><td>G</td></tr> <tr><td>DROUGHT TOLERANCE</td><td>AVG</td></tr> <tr><td>DRY DOWN</td><td>AVG</td></tr> </table>		ROOT RATING	VG	STALK RATING	G	SEEDLING VIGOR	G	DROUGHT TOLERANCE	AVG	DRY DOWN	AVG	<table border="1"> <tr><td>ROOT RATING</td><td>VG</td></tr> <tr><td>STALK RATING</td><td>G</td></tr> <tr><td>SEEDLING VIGOR</td><td>G</td></tr> <tr><td>DROUGHT TOLERANCE</td><td>AVG</td></tr> <tr><td>DRY DOWN</td><td>AVG</td></tr> </table>		ROOT RATING	VG	STALK RATING	G	SEEDLING VIGOR	G	DROUGHT TOLERANCE	AVG	DRY DOWN	AVG	<table border="1"> <tr><td>ROOT RATING</td><td>VG</td></tr> <tr><td>STALK RATING</td><td>G</td></tr> <tr><td>SEEDLING VIGOR</td><td>G</td></tr> <tr><td>DROUGHT TOLERANCE</td><td>AVG</td></tr> <tr><td>DRY DOWN</td><td>AVG</td></tr> </table>		ROOT RATING	VG	STALK RATING	G	SEEDLING VIGOR	G	DROUGHT TOLERANCE	AVG	DRY DOWN	AVG
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N/A BA AVG G VG E		N/A BA AVG G VG E		N/A BA AVG G VG E																															

TIPS AND BENEFITS FOR LEAFY CORN:

PLANT:

Plant at 28,00-30,000 ppa and never mix with a non-leafy in the field. Other hybrid types require higher populations, have shorter harvest windows and will produce vitreous kernels that require a longer ensiling period. Always plant different hybrid types in separate blocks.

CHOP:

Once your leafy corn reaches 50% milk line and 65% plant moisture, it is time to chop. If using a kernel processor, ease off. A leafy corn's kernels are designed to break and it is essential to retain effective fiber for rumen function. Monitor kernels during chopping and find the balance. Making shredlage is an excellent option as well. Apply the inoculate of your choice.

STORE:

Leafy corn generally contains a higher quantity of sugars in the stalk and leaves at harvest. These sugars improve ensiling speed and quality. Starch fractures easily into small particles during harvest and cow chewing, so new crop silage can be fed as soon as fermentation is complete.

FEED:

Leafy silage is versatile and can be balanced in various ration types. Expect your leafy corn to have 5-7% more starch digestibility than a dual-purpose hybrid. When moving a herd from a conventional or a BMR to a leafy corn, reduce concentrate corn and slowly increase as required. Eliminate straw. Watch your herd and adjust the rations as needed.



MISSION VISION VALUES

AT MUSTANG SEEDS, OUR MISSION IS

to serve American farmers with a people-first approach as an independent, trusted seed and trait partner by delivering innovation and genetic diversity.

AT MUSTANG SEEDS, WE VALUE

People. Performance. Integrity. Innovation.
Opportunity. Local.

AT MUSTANG SEEDS, OUR VISION IS

to be the first choice field performance advisor for American farmers.

— **SUPPORTING FARMERS FROM THE GROUND UP** —

BRAND	RELATIVE MATURITY	PLANT TYPE	PLANT HEIGHT	EMERGENCE	STANDABILITY	STRESS TOLERANCE	SALT TOLERANCE	PHYTOPH. RESISTANCE	PHYTOPH. TOLERANCE	CYST RESISTANCE	BROWN STEM ROT	IRON CHLOROSIS	WHITE MOLD	SUDDEN DEATH SYNDROME
XF007344	0.07	MB	M	E	E	G	Inc	Rps1C	VG	S	G	AVG	VG	N/A
XF01223	0.1	MB	MT	E	VG	VG	Inc	Rps1c	VG	PI88788	G	AVG	AVG	N/A
NEW XF02515	0.2	MB	MT	E	E	E	Inc	Rps1c	G	PI88788	G	VG	G	BA
XF03314	0.3	MB	M	E	VG	VG	Exc	Rps1k	G	S	E	G	G	N/A
NEW XF04415	0.4	MB	MT	E	VG	E	Inc	Rps1c	VG	PI88788	E	VG	VG	VG
XF05524	0.5	MB	MT	E	VG	VG	Exc	Rps1c	VG	PI88788	E	AVG	G	N/A
XF07723	0.7	MB	MT	E	VG	E	Inc	S	VG	PI88788	E	G	G	N/A
XF09123	0.9	MB	MT	E	AVG	VG	Inc	Rps1c	G	PI88788	G	VG	AVG	N/A
NEW XF12125	1.2	MB	M	E	VG	VG	Inc	NG	VG	PI88788	E	AVG	VG	G
XF13323	1.4	FB	M	E	VG	E	Inc	Rps1c	VG	PI88788	G	AVG	AVG	G
NEW XF14425	1.4	MB	MT	E	VG	E	Inc	Rps1c/3a	E	PI88788	E	VG	VG	AVG
XF15623	1.5	FB	MT	E	G	VG	Inc	Rps6	VG	PI88788	G	G	AVG	G
NEW XF16625	1.6	MB	M	VG	VG	VG	Inc	NG	G	PI88788	E	AVG	VG	VG
XF17224	1.7	MB	MT	E	E	E	Inc	Rps1a	G	PI88788	E	G	VG	VG
XF18552	1.8	FB	M	E	G	VG	Exc	Rps1k	G	S	G	AVG	G	VG
XF20724	2.0	MB	M	E	E	VG	Inc	NG	VG	PI88788	G	G	G	G
NEW XF22525	2.2	MB	M	E	VG	E	Exc	S	VG	PI88788	E	G	AVG	AVG
XF25823	2.5	MB	MT	E	G	VG	Inc	Rps1c	G	PI88788	E	G	G	AVG
XF28822	2.8	MB	MT	VG	G	E	Inc	Rps1k	G	PI88788	G	VG	G	G
NEW XF28725	2.8	MB	MT	E	VG	VG	Inc	Rps1k/3a	VG	PI88788	E	BA	AVG	VG
NEW 006E315	0.06	NB	M	E	E	G	Inc	Rps1c	VG	S	E	VG	G	AVG
008E233	0.08	NB	M	E	E	VG	Inc	S	VG	S	E	VG	E	N/A
NEW 008E324	0.08	MB	M	E	E	E	Inc	Rps1c	VG	Peking	G	VG	VG	N/A
02E443	0.2	MB	M	VG	VG	VG	Inc	Rps1c	VG	S	G	VG	E	N/A
04E523	0.4	MB	M	VG	E	VG	Inc	Rps1k	VG	PI88788	E	AVG	VG	N/A
06E434	0.6	MB	M	E	VG	E	Inc	Rps1c	VG	Peking	E	VG	VG	N/A
NEW 10E125	1.0	MB	M	VG	E	VG	Inc	Rps1k/3a	AVG	PI88788	G	E	G	VG

Rating Scale: E = Excellent | VG = Very Good | G = Good | AVG = Average | BA = Below Average | N/A = Not Available
 Plant Height: M = Medium | MT = Medium-Tall | T = Tall Plant Type: NB = Narrow Bush | MB = Medium Bush | FB = Full Bush
 Colors: BL = Black | IBL = Imprefect Black | BR = Brown | BF = Buff | TW = Tawny | LT = Light Tawny | G = Gray | P = Purple
 Y = Yellow | W = White Major Gene For Phytophthora Resistance: Rps1a = 1, 2, 10, 11, 13, 15-19 | Rps1c = 1-3, 6-11, 13, 15, 17, 21, 23, 24
 Rps1k = 1-11, 13-15, 17, 18, 21, 22 | Rps3a = 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25 | Rps6 = 1-5, 8, 11, 15, 20, 25, 28, 35 | S = Susceptible

BRAND		RELATIVE MATURITY	PLANT TYPE	PLANT HEIGHT	EMERGENCE	STANDABILITY	STRESS TOLERANCE	SALT TOLERANCE	PHYTOPH. RESISTANCE	PHYTOPH. TOLERANCE	CYST RESISTANCE	BROWN STEM ROT	IRON CHLOROSIS	WHITE MOLD	SUDDEN DEATH SYNDROME
NEW	13E335	1.3	MB	M	VG	VG	VG	Inc	Rps1k	G	Peking	G	VG	G	AVG
NEW	14E535	1.4	MB	M	VG	VG	G	Inc	Rps1k	VG	Peking	E	BA	AVG	VG
	16E634	1.6	MB	M	E	E	E	Inc	Rps6/1k	G	Peking	E	E	VG	VG
NEW	16E725	1.6	MB	M	VG	G	VG	Inc	Rps1k	G	PI88788	E	G	AVG	G
NEW	18E825	1.8	MB	MT	VG	VG	G	Inc	Rps3a	VG	PI88788	E	AVG	AVG	VG
	20E723	2.0	NB	MT	E	E	E	Inc	Rps1k	G	Peking	E	VG	VG	VG
NEW	22E435	2.2	MB	MT	VG	VG	VG	Inc	Rps1k	G	Peking	G	G	G	AVG
	23E824	2.3	MB	M	E	VG	VG	Inc	Rps3a/1a	G	PI88788	E	G	VG	AVG
	25E134	2.5	FB	M	VG	VG	VG	Inc	Rps1k	AVG	Peking	E	G	AVG	VG
	29E234	2.9	MB	M	E	VG	VG	Inc	Rps1k	G	Peking	AVG	VG	G	VG
	C-108N	1.0	MB	MT	E	VG	G	Inc	NG	VG	PI88788	BA	G	AVG	N/A
	15C224	1.5	MB	MT	VG	G	E	Inc	Rps1k	G	PI88788	E	VG	G	G
	19C421	1.9	MB	M	VG	VG	VG	Inc	Rps1a	AVG	PI88788	G	G	G	VG
	25C823	2.5	MB	M	E	E	VG	Inc	Rps1k	VG	PI88788	G	VG	VG	AVG

SOYBEANS



Rating Scale: E = Excellent | VG = Very Good | G = Good | AVG = Average | BA = Below Average | N/A = Not Available
Plant Height: M = Medium | MT = Medium-Tall | T = Tall **Plant Type:** NB = Narrow Bush | MB = Medium Bush | FB = Full Bush
Colors: BL = Black | IBL = Imprefect Black | BR = Brown | BF = Buff | TW = Tawny | LT = Light Tawny | G = Gray | P = Purple
Y = Yellow | W = White **Major Gene For Phytophthora Resistance:** Rps1a = 1, 2, 10, 11, 13, 15-19 | Rps1c = 1-3, 6-11, 13, 15, 17, 21, 23, 24
 Rps1k = 1-11, 13-15, 17, 18, 21, 22 | Rps3a = 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25 | Rps6 = 1-5, 8, 11, 15, 20, 25, 28, 35 | S = Susceptible

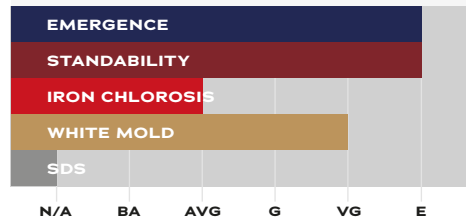
XF007344

0.07 RM

Plant Height	PRR Gene
M	Rps1c



- 2 bushel above regression yield in early ORM testing
- Fast emergence with great late season standability
- Rps1c phytophthora gene partnered with great phytophthora tolerance



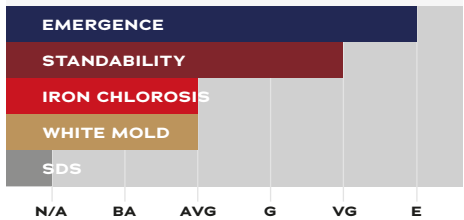
XF01223

0.1 RM

Plant Height	PRR Gene
MT	Rps1c



- 0.1 RM soybean yielding with 0.3-0.5 RM products
- Very solid emergence and average IDC
- Cyst protection with solid phytophthora field tolerance



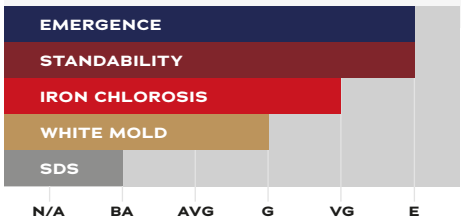
XF02515 NEW

0.2 RM

Plant Height	PRR Gene
MT	Rps1c



- Top notch IDC tolerance
- Strong agronomic partner to proven XF01223
- Moderately resistant to cyst



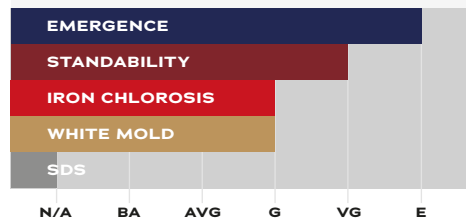
XF03314

0.3 RM

Plant Height	PRR Gene
M	Rps1k



- Excluder gene allows for higher levels of salt tolerance
- Above average IDC tolerance with great recovery
- Great looking tawny soybean that fits high and low yield environments



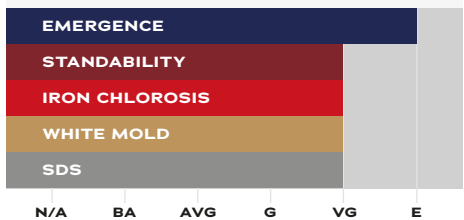
XF04415 NEW

0.4 RM

Plant Height	PRR Gene
MT	Rps1c



- Top of line IDC tolerance with an added yield punch at 0.4 RM
- Solid White Mold and SDS tolerance as well as improved standability
- Stands well in narrow rows and canopies nicely in 30" rows



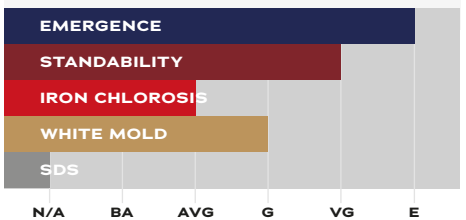
XF05524

0.5 RM

Plant Height	PRR Gene
MT	Rps1c



- Average IDC tolerance with great recovery
- Excluder gene allows for higher levels of salt tolerance
- Cyst resistance partnered with Rps1c phytophthora resistance



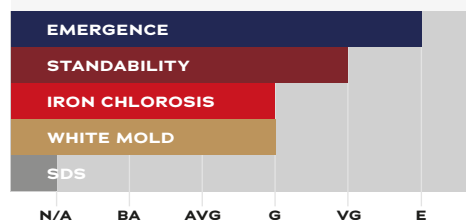
XF07723

0.7 RM

Plant Height	PRR Gene
MT	S



- Medium plant height, covers every acre
- Above average White Mold and IDC tolerance
- Cyst resistant, excellent emergence rating



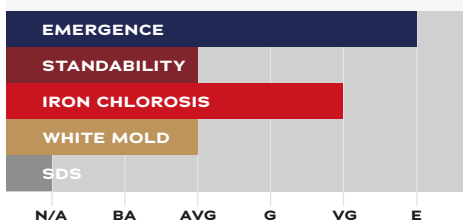
XF09123

0.9 RM

Plant Height	PRR Gene
MT	Rps1c



- Industry leading yields for 0.9 RM soybean
- Great emergence with nice lateral branching
- Above average IDC tolerance and average White Mold rating



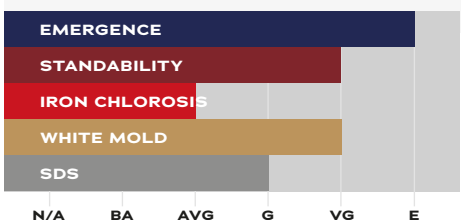
XF12125 NEW

1.2 RM

Plant Height	PRR Gene
M	NG



- Sets the new yield bar at the 1.2 RM
- Upgraded White mold tolerance and standability
- Do not position in high IDC environments



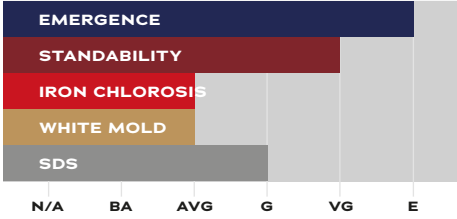
SOYBEANS

mustangseeds.com

XF13323

1.4 RM		QR
Plant Height	PRR Gene	
M	Rps1c	

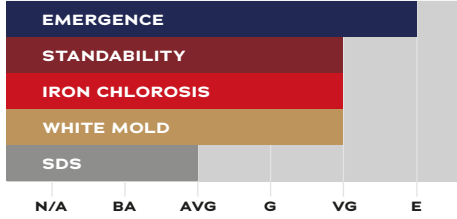
- Industry leading yields
- Cyst protection, Rps1c phytophthora protection with solid standability
- Best placed on highly drained soil types



XF14425 NEW

1.4 RM		QR
Plant Height	PRR Gene	
MT	Rps1c/3a	

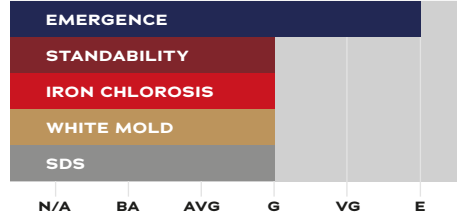
- Adaptable soybean that fits both high and low yield environments
- Strong agronomic package with solid white mold, IDC, and phytophthora tolerance
- Solid stress tolerance and late season standability



XF15623

1.5 RM		QR
Plant Height	PRR Gene	
MT	Rps6	

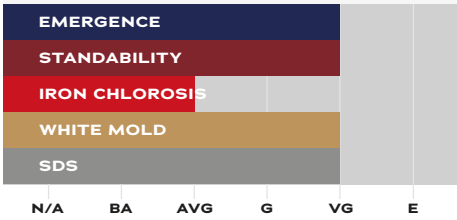
- Cyst protection with new Rps6 phytophthora gene
- Comes out of the ground fast and stands well late in the season
- Canopies quickly in 30" rows



XF16625 NEW

1.6 RM		QR
Plant Height	PRR Gene	
M	NG	

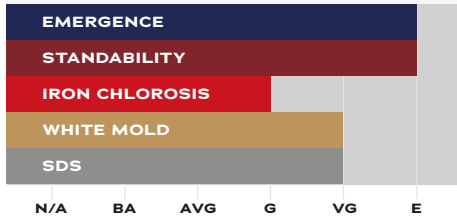
- Medium plant that offers great standability and fills the row quickly
- Big yields and solid white mold tolerance
- Do not position in high IDC environments



XF17224

1.7 RM		QR
Plant Height	PRR Gene	
MT	Rps1a	

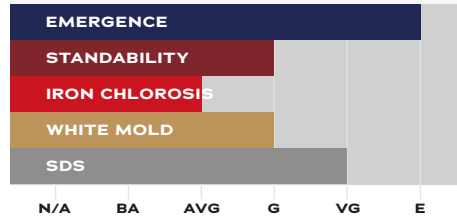
- Medium tall bean with great late season standability
- Above average IDC and White Mold ratings
- Cyst resistance partnered with Rps1a phytophthora resistance



XF18552

1.8 RM		QR
Plant Height	PRR Gene	
M	Rps1k	

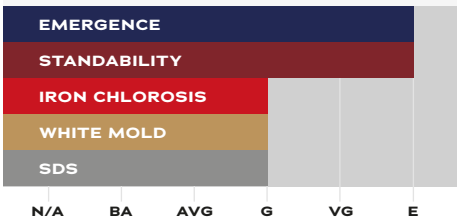
- Excluder gene allows for higher levels of salt tolerance
- Proven year after year to belong on the farm
- Above average emergence, solid standability



XF20724

2.0 RM		QR
Plant Height	PRR Gene	
M	NG	GRO-GUARD

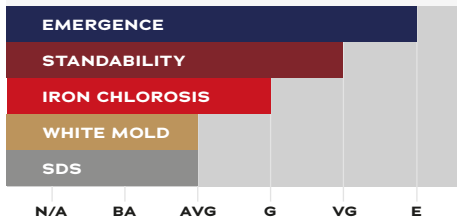
- Proven parent to 24X728
- PI88788 Cyst Resistance, sets the yield bar at the early 2.0 RM
- Great stress tolerance for western movement



XF22525 NEW

2.2 RM		QR
Plant Height	PRR Gene	
M	S	

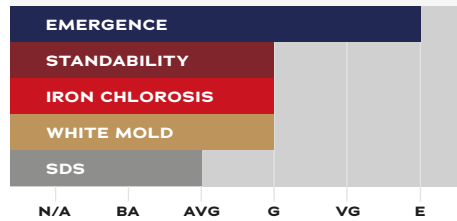
- Huge yield spike at 2.2 RM
- Excluder gene allows for higher levels of salt tolerance
- Moves very well from east to west



XF25823

2.5 RM		QR
Plant Height	PRR Gene	
MT	Rps1c	

- Dominant performance in 2022 across various soil types and regions
- Medium-tall with nice standability and strong emergence
- Plant style and agronomics allows for use across broad acres



XF28822

2.8 RM


Plant Height	PRR Gene	
MT	Rps1k	

- Excels in western environments
- Excellent emergence
- Rps1k phytophthora

EMERGENCE	[Bar chart showing emergence performance]					
STANDABILITY	[Bar chart showing standability performance]					
IRON CHLOROSIS	[Bar chart showing iron chlorosis performance]					
WHITE MOLD	[Bar chart showing white mold performance]					
SDS	[Bar chart showing SDS performance]					
	N/A	BA	AVG	G	VG	E

XF28725

2.8 RM NEW

Plant Height	PRR Gene	
MT	Rps1k/3a	

- Broad acre soybean that fits all yield environments
- Strong SDS tolerance and cyst resistance
- Manage placement on high pH soils

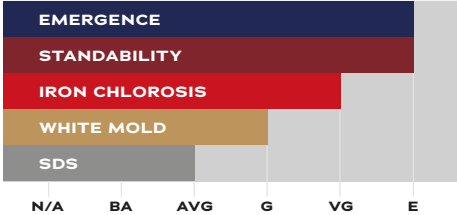
EMERGENCE	[Bar chart showing emergence performance]					
STANDABILITY	[Bar chart showing standability performance]					
IRON CHLOROSIS	[Bar chart showing iron chlorosis performance]					
WHITE MOLD	[Bar chart showing white mold performance]					
SDS	[Bar chart showing SDS performance]					
	N/A	BA	AVG	G	VG	E



006E315 NEW

0.06 RM		QR
Plant Height	PRR Gene	
M	Rps1c	

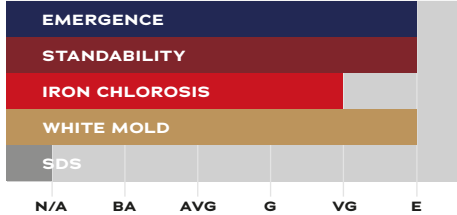
- Solid IDC along with Rps1c phytophthora resistance
- Earliest enlist offering
- Susceptible to cyst nematodes, place accordingly



008E233

0.08 RM		QR
Plant Height	PRR Gene	
M	S	

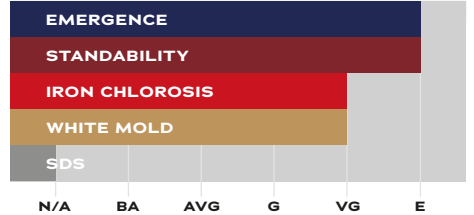
- Good fit for northern ND and MN
- Solid IDC and White Mold rating
- Medium height, good late season standability



008E324 NEW

0.08 RM		QR
Plant Height	PRR Gene	
M	Rps1c	

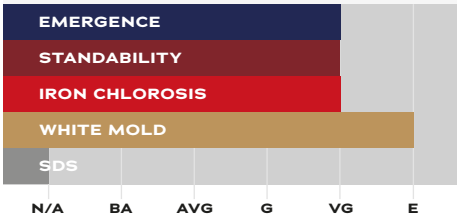
- Peking SCN resistance
- Above average IDC and White Mold tolerance
- Rps1c phytophthora gene partnered with strong phytophthora tolerance



02E443

0.2 RM		QR
Plant Height	PRR Gene	
M	Rps1c	

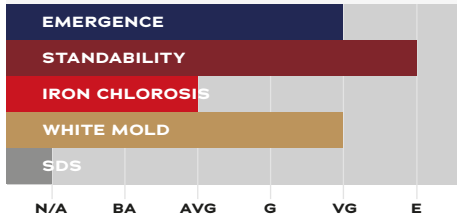
- Great emergence and stands well late in the season
- Excellent White Mold rating, average IDC
- Big time yields



04E523

0.4 RM		QR
Plant Height	PRR Gene	
M	Rps1k	

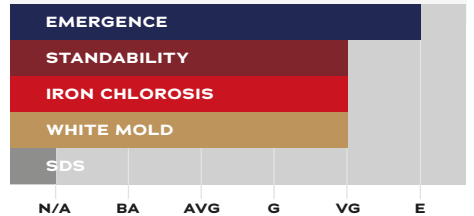
- Sets the yield bar at this maturity group
- Cyst protection with above average White Mold rating
- Rps1k resistance with average IDC rating



06E434

0.6 RM		QR	GRO-GUARD
Plant Height	PRR Gene		
M	Rps1c		

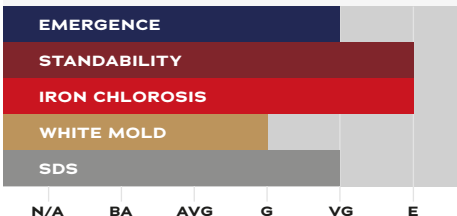
- Peking SCN resistance
- Solid mix of yield and agronomics
- Will cover broad acres across the entire farm



10E125 NEW

1.0 RM		QR
Plant Height	PRR Gene	
M	Rps1k/3a	

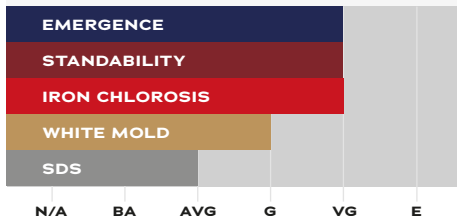
- Great combo of yield and IDC tolerance
- Rps1/3a phytophthora stack
- Excels in all yield environments



13E335 NEW

1.3 RM		QR
Plant Height	PRR Gene	
M	Rps1k	

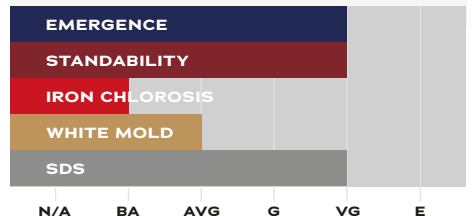
- Peking SCN resistance
- Superior yield performance against industry checks at this RM
- Solid IDC and white mold tolerance



14E535 NEW

1.4 RM		QR
Plant Height	PRR Gene	
M	Rps1k	

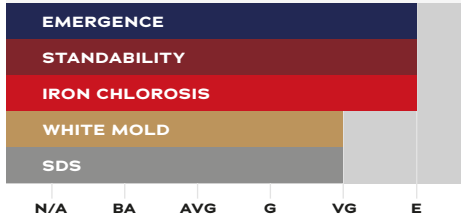
- Peking SCN resistance
- Great fit for high productivity soils
- Do not position in high IDC environments



16E634

1.6 RM			
Plant Height M	PRR Gene Rps6/1k		

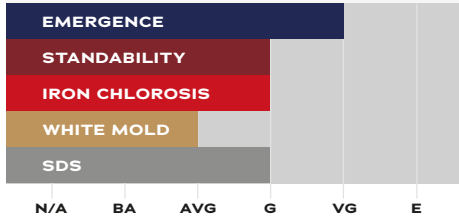
- Peking SCN resistance
- Rps6 + Rps1k phytophthora genes
- Top of the line IDC tolerance



16E725 NEW

1.6 RM			
Plant Height M	PRR Gene Rps1k		

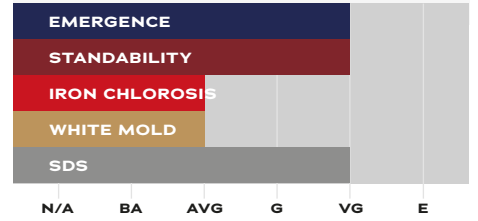
- High yielding offensive partner to 16E634
- Above average IDC tolerance with great recovery
- Cyst resistance partnered with Rps1k phytophthora gene



18E825 NEW

1.8 RM			
Plant Height MT	PRR Gene Rps3a		

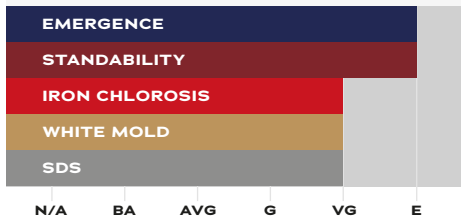
- Exciting new partner product to proven 20E723
- Strong yield spike at 1.8 RM
- Rps3a phytophthora gene



20E723

2.0 RM			
Plant Height MT	PRR Gene Rps1k		

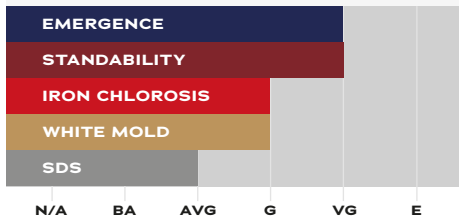
- Peking SCN resistance
- Great agronomic package with solid SDS, IDC, and White Mold rating
- Provides big yields to compliment agronomics



22E435 NEW

2.2 RM			
Plant Height MT	PRR Gene Rps1k		

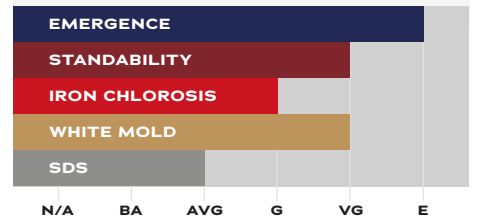
- Peking SCN resistance
- Broad acre soybean that moves east very well
- Manage placement in high white mold environments



23E824

2.3 RM			
Plant Height M	PRR Gene Rps3a/1a		

- Yield King in the early 2.0 relative maturity
- Rps3a + Rps1a phytophthora genes
- Placed best in medium to high yield environments



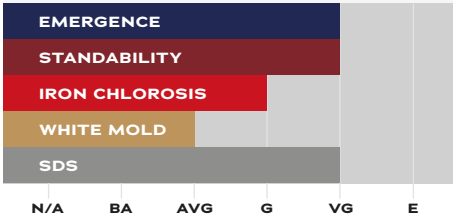
25E134

2.5 RM



Plant Height	PRR Gene
M	Rps1k

- Excels across all yield environments
- Peking SCN resistance
- Medium tall bushy soybean that canopies quickly



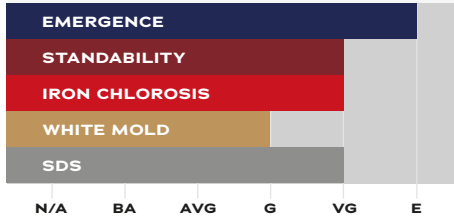
29E234

2.9 RM



Plant Height	PRR Gene
M	Rps1k

- Moves well east to west
- 2 years of yield data well above regression lines
- Peking SCN resistance



SOYBEANS

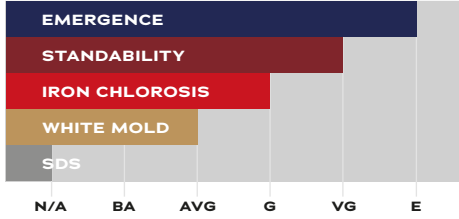
C-108N

1.0 RM



Plant Height	PRR Gene
MT	NG

- Solid IDC and Cyst nematode protection
- Good phytophthora field tolerance
- Earliest conventional offering



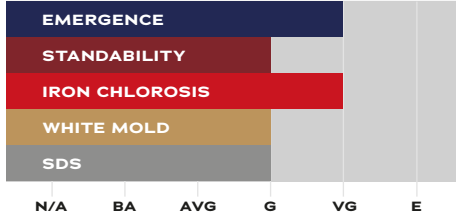
15C224

1.5 RM



Plant Height	PRR Gene
MT	Rps1k

- Great IDC and Cyst Nematode protection
- Moves well across all yield environments
- Excellent emergence and stress tolerance



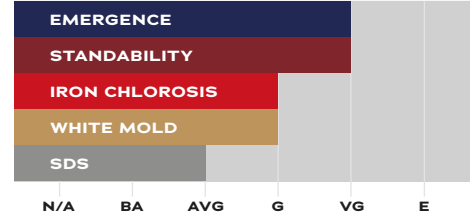
19C421

1.9 RM



Plant Height	PRR Gene
M	Rps1a

- Excellent yielding soybean across multiple environments
- Medium plant type soybean with very good standability
- 2-year yield data shows it is a great conventional soybean



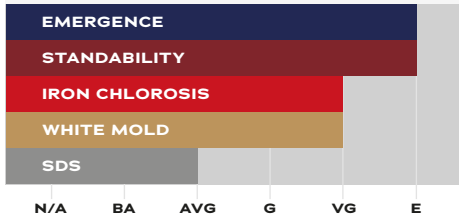
25C823

2.5 RM



Plant Height	PRR Gene
M	Rps1k

- Well adjusted to low, medium, and high yield environments
- Cyst protection with above average White Mold and IDC rating
- Comes out of the ground quick and stands well in the late season



SOYBEAN PLANTING GUIDE

ROW WIDTH	SEEDS / ACRE	SEEDS / FOOT	SEEDS PER POUND											
			2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400
38"	124,000	9	54	54	54	54	54	54	54	54	54	54	54	54
	138,000	10	60	60	60	60	60	60	60	60	60	60	60	60
	152,000	11**	66	66	66	66	66	66	66	66	66	66	66	66
30"	123,000	7	53	51	49	47	46	44	42	41	40	39	37	36
	140,000	8	61	58	56	54	52	50	48	47	45	44	42	41
	156,000	9**	68	65	62	60	58	56	54	52	50	49	47	46
	175,000	10	76	73	70	67	65	63	60	58	56	55	53	51
10"	131,000	2.5	57	55	52	50	49	47	45	44	42	41	40	39
	156,000	3	68	65	62	60	58	56	54	52	50	49	47	46
	181,000	3.5**	79	75	72	70	67	65	62	60	58	57	55	53
7"	145,000	2	63	60	58	56	54	52	50	48	47	45	44	43
	181,000	2.5	79	75	72	70	67	65	62	60	58	57	55	53
	217,000	3**	94	90	87	86	80	78	75	72	70	68	66	64

**Recommended Final Population

Seeds Per Acre ÷ Seeds Per Pound = Pounds Per Acre

Decide Row Width and Planting Rate – Follow this column to “Seeds Per Pound” of chosen brand. This gives pounds per acre needed.

SOYBEAN DEVELOPMENT STAGES

STAGE	APPEARANCE	AVG. NUMBER OF DAYS AFTER BEG. BLOOM (R1)	AVERAGE NUMBER OF DAYS TO HARVEST*
R1 (Beginning Bloom)	One open flower at any node on the main stem	–	83-88
R2 (Full Bloom)	Open flower at one of two uppermost nodes on main stem with fully developed leaf	3	80-85
R3 (Beginning Pod)	Pod 3/16" long at one of the four uppermost nodes on the main stem with fully developed leaf	13	67-72
R4 (Full Pod)	Pod 3/4" long at one of the four uppermost nodes on the main stem with fully developed leaf	22	61-66
R5 (Beginning Seed)	Seed beginning to develop in a pod in one of four uppermost nodes on main stem	31	52-27
R6 (Full Seed)	Pod containing a green seed that fills pod cavity at one of four uppermost nodes on the main stem	46	37-42
R7 (Beginning Maturity)	One normal pod on the main stem that has reached a mature color	64	19-24
R8 (Full Maturity)	95% of the pods have reached a mature color	73	10-15
Harvest	Harvest maturity with seed moisture at 13% (+ -)	83-88	–

*Data are from studies conducted in the United States. The range may differ for cooler climates.



TRAVOIS ALFALFA

Travois has a low (decumbent) growth, aggressive root proliferation, winter hardiness, predominantly yellow variegated flowers and a large percentage of pickle shaped seed pods. Its winter hardiness is superior to most alfalfa varieties tested throughout our region. Plants of Travois have the ability to produce stem buds on laterally spreading roots. Shoots from the stem buds emerge at the soil surface and develop into young plants at distances that sometimes exceed 36 inches from the mother plant. This characteristic permits a close association between grass and legume, reduces trampling injury, thickens stand and decreases winter loss from soil heaving.

COMMON ALFALFA

SD-NE ORIGIN

Common Alfalfa is a winter hardy alfalfa grown and adapted in the state of origin, but is of an unknown variety or varieties. It is usually not noted for high yields but is usually lower in price.

MUSTANG 425HD

ALFALFA

Mustang 425HD is a high forage yielding, high forage quality HD[®] alfalfa variety. Mustang 425HD is protected by a broad spectrum of pest resistance package.

FEATURES:

- Exceptionally high forage yield potential
- Outstanding forage quality attributes
- Solid disease resistance package

MUSTANG 625APH2

ALFALFA

Mustang 625APH2 is a high forage yielding, good forage quality, sunken crown alfalfa with branch root tendencies, which allows it to be more productive in well and poorly drained soils. It was selected for resistance to multiple races of *Aphanomyces* root rot.

FEATURES:

- Very high forage yield potential
- Resistance to *Aphanomyces* Race 1, 2 and isolates of Race 3
- Branch root trait
- Solid disease resistance package

GA306SS ALFALFA

SALT TOLERANT VARIETY

MANAGEMENT PROFILE

- Selected for yield and persistence; its persistence is excellent under both normal and aggressive harvest schedules
- Especially well-suited to areas where nematodes threaten yield production and reduce stand life
- Offers producers broadspectrum pest resistance and excellent persistence; this high-yielding variety will keep producing quality hay for many years
- Excellent salt tolerance
- Dark green foliage and medium-fine stems make it ideal for hay

BROAD SPECTRUM PEST RESISTANCE

- GA306SS offers producers broad-spectrum pest resistance and excellent persistence
- Resists *Phytophthora* and *Verticillium* Wilt, which can significantly reduce production and stand life
- Resistance to *Fusarium* Wilt, Anthracnose and moderate resistance to all major aphids

MUSTANG 995

ALFALFA

A special blend of alfalfa for upper Midwest with carefully selected viable pure seeds with high germination. Mustang 995 has the ability to produce a lush stand quickly and produce for many years. Excellent production on good years and also will perform well on marginal ground and with limited rain fall. Seed is pre-inoculated – Apron® treated available.

Ratings are based on average performance of the variety over a wide range of climate and soil types. Actual performance may be adversely affected by extreme conditions. Unless stated, ratings are based on standardized testing procedures endorsed by the North American Alfalfa Improvement Conference.

FALL DORMANCY:	The reaction of alfalfa varieties to decreasing day length and temperatures in the fall versus check varieties. 1 = Norseman 2 = Vernal 3 = Ranger 4 = Saranac 5 = Archer, etc.
PEST RESISTANCE RATINGS:	S = Susceptible with 0-5% resistant plants LR = Low Resistance with 6-14% resistant plants MR = Moderate Resistance with 15-30% resistant plants R = Resistance with 31-50% resistant plants HR = High Resistance with greater than 50% resistant plants
WISCONSIN DISEASE RATING INDEX:	For the six major diseases of alfalfa, a variety is awarded: HR = 5 points R = 4 points MR = 3 points LR = 2 points S = 1 point Perfect Score = 30 of 30
WINTER HARDINESS INDEX:	1 = Most hardy and least winter injury 6 = Least hardy and injury resulting in plant death Ratings are in relationship to the winter injury incurred by standard check varieties.

BRAND	FALL DORMANCY	WINTER HARDINESS	RECOVERY RATE	MULTIFOLIATE	CROWN PLACEMENT	ROOT TYPE	DRI	YIELD	DIGESTIBILITY/FEED VALUE	BACTERIAL WILT	FUSARIUM WILT	VERTICILLIUM WILT	ANTHRACNOSE	PHYTOPHTHORA ROOT ROT	APHANOMYCES ROOT ROT RACE 1	APHANOMYCES ROOT ROT RACE 2	APHANOMYCES ROOT ROT RACE 3
425 HD	4.5	1.9	Fast	25%	Sunken	Branch	35/35	Excellent	Excellent	HR	HR	HR	HR	HR	HR	HR	-
625 APH2	4.5	1.9	Fast	Very Low	Sunken	Branch/ Tap	35/35	Excellent	Very Good	HR	HR	HR	HR	HR	HR	HR	R
GA306SS	4	2.1	Fast	Low	Large	Tap	28/30	Good	Good	HR	HR	HR	HR	HR	MR	-	-
995/990	4	2	Fast	Low	Large	Tap	30/30	Good	Good	MR	MR	MR	MR	-	S	S	-

MUSTANG S-8751

CANE FORAGE

S-8751 is a medium early 95-100 day maturity 8-9 ft soft dough hybrid. Yield on dryland is great due to rapid growth. With wide leaves and quick growth this hybrid yields well.



MUSTANG S-8255BMR

SORGHUM-SUDANGRASS HYBRID WITH BROWN MIDRIB

S-8255 may be used for direct grazing, hay or haylage. This hybrid is completely "Brown Midrib." It has significantly increased digestibility of its stems and leaves. This 6-8 foot tall sorghum offers the grower excellent quality and energy for his animals.

M20FS25

M20FS25 is a full season, sweet stalked, drought tolerant hybrid that produces high yields and good quality forage in 120 to 125 days.



MUSTANG S-8500

HYBRID PEARL MILLET

S-8500 offers excellent grazing and hay potential. Fast re-growth after clipping. Clipping should be done in the pre-boot stage. Under good conditions hybrid is 5-6 feet tall in the pre-boot. Grazing should begin at approx. 25" tall.

BMR COYOTE GRAZE

BMR Coyote Graze has a dry stalk trait which improves dry down time after cuttings. This improves harvestability and quality due to delays. You can expect 3-5% lower moisture in the boot state. BMR Coyote Graze is used for silage, baleage, hay and grazing. This hybrid is economical to plant, produces leading tonnage, and the overall forage quality is great. The digestibility is 20% greater than conventional. BMR sorghum increases animal intake and daily gains substantially. BMR Coyote Graze is grassy tillering more than other hybrids producing fine sweet soft stems.

MUSTANG GRAZE

Mustang Graze is an annual forage plant for silage, grazing, cover crop or green chopping. It has excellent early growth and grows very tall. The tonnage is extremely high and is very palatable. It can be planted either in rows, drilled or broadcast. Seeding should be at 10 to 12 pounds per acre in rows or 20 to 30 pounds per acre broadcast. It is very sweet juicy and leafy. The heavier the planting, the finer the stems will be. For pasture uses, a rotating system is suggested. Ideal grazing height is 24 to 36 inches. Normal grazing precautions should be observed. Before green chopping, the plants should reach a height of 24 to 36 inches. Usually Mustang Graze will yield 3 to 6 cuttings depending on planting time, moisture and temperatures. For hay, the plants should reach boot stage and ideally be followed by a conditioner after cutting. Recommended usage: silage crops where it is not practical to use corn, such as when circumstances require a fast-growing crop for late or delayed re-planting. Planting should be delayed until the soil is warm enough to germinate seed (60 to 70 degrees).

WG5963

HYBRID GRAIN SORGHUM

Is a medium-early hybrid with high yield potential, good drought tolerance and good standability. WG5963 is a Good Grade hybrid with cream colored grain and a tan plant.

M40SSD60BMR

M40SSD60BMR is an early hybrid with 40% more leaf density due to the leaf count and leaf width. The results are a digestible high-quality forage. Fiber quality is improved 15-20% due to the BMR and 5-10% for the increased leaf to stem ratio. Grazability is improved as the cattle prefer the reduced height and standability. It produces similar tonnage, superior standability and reduced seeding rates compared to tall hybrids.



GP5862

HYBRID GRAIN SORGHUM

GP5862 is a medium-early maturity grain hybrid with high SCA tolerance. This hybrid has an excellent appearance with a semi-open head type and stiff stalk and staygreen traits to provide excellent drought stress tolerance. GP5862 is well adapted for dryland fields in the Great Plains with excellent yield potential.

EH4852

HYBRID GRAIN SORGHUM

The earliest grain hybrid in the Mustang line. EH4852 has a good performance in the shorter growing areas of the sorghum belt in the High Plains and can be double cropped after wheat. EH4852 has excellent standability with good drought tolerance. Can also be planted later in the southern growing areas and is resistant to Biotype "E" greenbugs.

99FS24 DT NEW

HYBRID GRAIN SORGHUM

99FS24DT is a medium-early maturity hybrid that produces high quality silage with whole plant digestibility and large grain heads. 99FS24 DT reaches silage maturity in 100 to 110 days.



57MB61 DT NEW

HYBRID GRAIN SORGHUM

57MB61 DT is a bronze grain medium early maturity hybrid with high yield potential. It is ideally suited for dry-land or irrigated acres. This hybrid can be utilized as a double drop hybrid behind wheat.



55MB59 DT

HYBRID GRAIN SORGHUM

55MB59DT is a bronze grain early maturity hybrid with high yield potential. The hybrid is ideally suited for dry-land acres in the Great Plains where higher soil pH may be a problem. Can also be utilized as a double crop in areas with longer growing seasons.



54MC58 DT

HYBRID GRAIN SORGHUM

54MC58 DT is a cream grained, early maturity hybrid with a good drought tolerance and uniform appearance. Suitable for high pH soils, shorter growing seasons, and areas where double crop is planted following wheat or other early summer harvested crops.

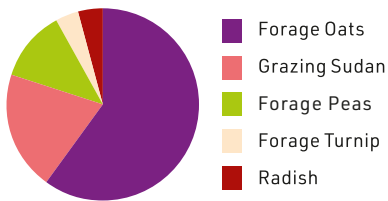


MID-LATE SEASON GRAZING MIX

40 POUNDS PER ACRE

Plant late spring for grazing as well as building soil health.

PLANT JUNE 1 - AUGUST 1

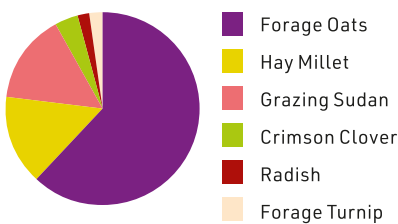


EARLY SEASON GRAZING MIX

40 POUNDS PER ACRE

Can plant early in the spring for supplemental grazing.

PLANT MAY 15 - JUNE 15

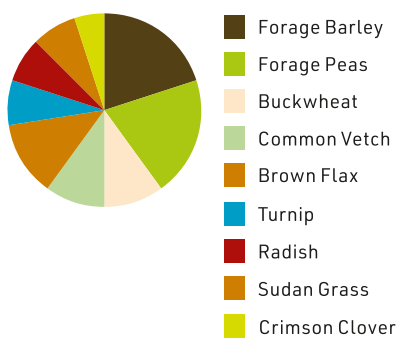


SOIL HEALTH PLUS MIX

20 POUNDS PER ACRE

This mix is the real deal! Plant after small grain harvest, prevent plant acres or early corn silage acres. Will add nitrogen plus breakdown phosphorus for next year's crop. Will also add late season grazing, biomass and soil activity in alkali soils.

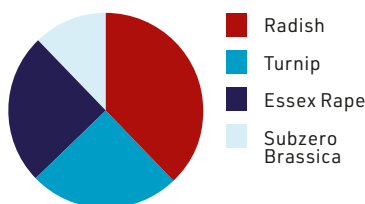
PLANT JULY 15 - SEPTEMBER 15



BRASSICA PLUS

8 POUNDS PER ACRE

PLANT MID JULY - MID SEPTEMBER

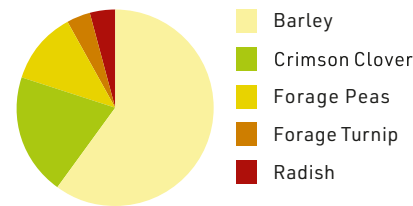


SOIL BUILDER MIX

26 POUNDS PER ACRE

Will produce nitrogen and also scavenge nitrogen to help build soil health. The species in this mix should provide an earthworm haven and help establish growth in Alkaline soils.

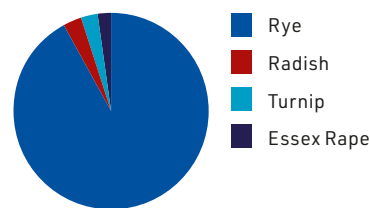
PLANT JULY 15 - SEPTEMBER 5



FALL GRAZER MIX

59 POUNDS PER ACRE

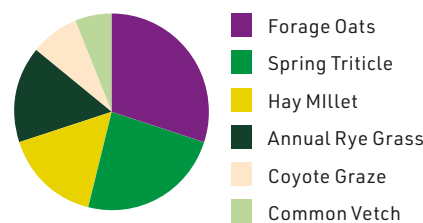
PLANT MID JULY - MID SEPTEMBER



SEASON LONG MIX

64 POUNDS PER ACRE

PLANT APRIL - MAY



PEA/BARLEY MIX

50% Peas

50% Barley

Plant Early Spring (April-May)
Seeding rate 100#/acre

PEA/OAT MIX

60% Peas

40% Oats

Plant Early Spring (April-May).
Seeding rate 100#/acre

3 WAY FORAGE

50% Peas

25% Oats

25% Barley

PEA/TRITICALE MIX

60% Peas

40% Triticale

CERTIFIED GOLIATH OATS

A white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2012. The line was tested as SD090552 and was developed from the two-parent population IL99-1338/SD97575-38-154. Varieties in the pedigree include Rise, Settler and Troy. Goliath has late maturity, heading 1.7 days later than Stallion. Goliath is 4.3 inches taller than Stallion. Goliath has excellent grain yield and forage yield potential, as well as good test weight.

CERTIFIED SD BUFFALO OATS

The South Dakota Agricultural Experiment Station is releasing a new white oat variety named SD Buffalo to Certified Seed growers in the spring of 2022. SD Buffalo is result from the cross SD081107//SD070394/SD060130 and tested as SD150012. It is two days earlier than Rushmore in maturity, similar in plant height with superior straw strength, but slightly lower in test weight. SD Buffalo ranked 2nd in yield in CPT trials compared to all varieties from 2018-2021. It is moderately resistant to crown rust and the BYD virus and has good milling characteristics.

CERTIFIED DEON OATS

Deon is a variety of oats developed and released by the Minnesota Agricultural Experiment Station (MAES) in 2012. Deon was selected from a cross Sesqui*2/Betong//MN02108. Deon is a yellow seeded oat with medium large sized kernels. Deon has a late maturity. Deon is medium-tall and has very high grain yield with medium test weight and medium groat and grain protein percentages. PVT protected.

CERTIFIED WARRIOR OATS

Warrior oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2018. The line was tested as SD120419 with the pedigree of SD041405/SD060130. Warrior is a medium maturing line, heading about 1 day later than Horsepower. Warrior is 2" taller than Horsepower. Warrior has high yield potential and average test weight. Warrior is moderately resistant to smut and moderately susceptible to BYDV. The variety is resistant to crown rust. Lodging resistance is excellent.

CERTIFIED SD MOMENTUM

(Hayden/MN11140) was tested as SD170935 and a potential replacement for Goliath and Rushmore. It is similar to Goliath in maturity, height, test weight and forage dry matter yield with lower forage quality. SD Momentum is higher in yield with better straw strength. It is resistant to crown rust and smut along with moderate resistance to barley yellow dwarf virus. Grain characteristics are acceptable for milling with a similar Beta-glucan level as Goliath.

CERTIFIED SD TITAN

(MN11140/SD120638) was tested as SD181245 and a potential replacement for Goliath. It is one day earlier than Goliath in maturity, one inch shorter in height and a lower than average test weight. SD Titan is higher in yield and forage dry matter yield, but slightly less relative feed value than Goliath, but higher than SD Momentum. It is moderately resistant to crown rust, smut and barley yellow dwarf virus. Grain characteristics are not acceptable for milling, but is an excellent choice for oat forage.

CERTIFIED RUSHMORE OATS

White-hulled, spring oat developed by the South Dakota Agricultural Experiment Station (SDAES) and released in 2019. Pedigree of SD80015/SD0070110/SD060130. Rushmore is a medium-late maturing line, heading about 1 day earlier than Hayden. Similar in height to Hayden with better lodging resistance. Rushmore has high-yield potential and good test weight. Resistant to moderately resistant to crown rust and moderately resistant to BYDV and smut.

MORTON OATS

Developed by the North Dakota Agricultural Experiment Station (NDAES) in cooperation with USDA and released in June 2001. Resulted from the cross ND880922/IAB605X. Morton is medium-late in maturity being similar to Troy and two days later than Jerry. The variety has high test weight with groat percent slightly higher than Jerry. Kernels are uniform and large in size with white hulls. Protein percent is similar to Jerry. Morton is a tall oat with good straw strength. The variety is resistant to smut, moderately resistant to stem rust, crown rust and is moderately susceptible to BYDV. Protected under the U.S. PVP Act.

MUSTANG M-120 FORAGE OATS

It is a late maturing forage oat that has good leaf rust resistance. M-120 oats is a high-tonnage forage oat that has out yielded Jerry and Loyal by tons per acre. It is a tall variety with a wide leaf for those extra tons per acre.

Variety	Origin	Year Released	Leaf Rust	Stem Rust	Stripe Rust	Relative Maturity	Straw Strength	Relative Plant Height	Protein	Grain Color	PVP+
GOLIATH	SD	2012	Mod-Resis.	Resistant	Mod-Resis.	9	Good	Tall	Med. High	White	Yes
CERTIFIED SD BUFFALO	SD	2021	Mod-Resis.	Resistant	Resistant	6	Very Good	Medium	Medium	Yellow	Pending
DEON	MN	2013	Mod-Sus.	Mod-Resis.	Resistant	9	Good	Tall	Med. High	Yellow	Yes
WARRIOR	SD	2018	Mod-Sus.	--	Resistant	1	Good	Medium	Medium	White	Yes
RUSHMORE	SD	2019	Mod-Sus.	--	Resistant	6	Very Good	Medium	Medium	White	Yes
MORTON	ND	2001	Mod-Sus.	Mod-Resis.	Mod-Resis.-Mod-Sus.	7	Very Good	Tall	Medium	White	No
M-120	SD	1990	Mod-Resis.	Susceptible	Susceptible	7	Good	Tall	Medium	White	--

PREMIUM LAWN MIX

4 TO 6 POUNDS PER 1000 SQ. FT.

Premium lawn mix is a grass mixture that gives you a healthy, attractive lawn with a combination of sun and shade tolerance. We have just enough fine leaf perennial ryegrass to get your lawn off to a fast start. Kentucky bluegrass and creeping red fescue will continue to fill in and form a dense sod that will give you that quality appearance. This mix is recommended for all applications and will do especially well under intensive lawn practices.

60% Kentucky Bluegrass

25% Fine Leaf Perennial Rye

15% Creeping Red Fescue

ENDURANCE LAWN MIX

8 TO 10 POUNDS PER 1000 SQ. FT.

Endurance lawn mix gives you exactly what the name says – a lawn that will endure. We have added enough perennial rye to give you that fast start, tall fescue to keep your lawn green when others have gone dormant and Kentucky bluegrass to help fill in and give you that dense full lawn. Tall fescue blades are slightly wider than perennial rye or Kentucky bluegrass but will blend in nicely if you keep the seeding rate at recommended levels. Tall fescue has a much deeper root system that keeps it green during drought stress, requiring less water and fertility. It will tolerate shade and is widely used for athletic areas. Endurance lawn mix should be planted in spring or very early fall to allow tall fescue to develop root system before winter.

70% Fine Leaf Turf Type Tall Fescue

10% Kentucky Bluegrass

10% Fine Leaf Perennial Rye

10% Creeping Red Fescue

THREE WAY LAWN MIX

6 TO 7 POUNDS PER 1000 SQ. FT.

Economy lawn mix for those areas not requiring the higher quality Kentucky bluegrass. Perennial ryegrass establishes quickly with creeping red fescue and Kentucky bluegrass completing the lawn. This mixture does well in sun and shady areas, but will create more thatch than either Premium Lawn or Endurance Lawn mixes.

33 1/3% Kentucky Bluegrass

33 1/3% Fine Leaf Perennial Rye

33 1/3% Creeping Red Fescue

TURF GRASSES

KENTUCKY BLUEGRASS
CREEPING RED FESCUE
PERENNIAL RYEGRASS
TURF-TYPE TALL FESCUE
BOWIE BUFFALO GRASS

MAXLAWN LAWN FERTILIZER

LAWN FOOD 26-0-4 | 5,000 SQ. FT.
WEED & FEED 24-0-4 | 5,000 SQ. FT.
CRABGRASS PREV. 22-0-4 | 5,000 SQ. FT.
FALL LAWN FOOD 22-0-10 | 5,000 SQ. FT.
STARTER 12-24-6 | 5,000 SQ. FT.
ALL PURPOSE 10-10-10



MUSTANG REBOUND GRAZING MIX

20-25 LBS PER ACRE

An excellent mixture of grasses to give you that rapid establishment and high yield production from every acre. This highly palatable mixture will give you early production with orchardgrass and forage perennial ryegrass. The Bromegrass and intermediate wheatgrass assure you full season production. This dual purpose mix may be used for hay or pasture use.

30%	Bromegrass
20%	Intermediate Wheatgrass
15%	Forage Perennial Ryegrass
25%	Orchardgrass
10%	Grazing Alfalfa

MUSTANG PASTURE MIX

20-25 LBS PER ACRE

Our hay and pasture mix is for those producers not wishing to have a legume in their mix. Forage perennial ryegrass, orchardgrass and Bromegrass assure rapid stand establishment and early season production. This is a highly palatable mix for grazing or haying.

25%	Orchardgrass
20%	Bromegrass
20%	Forage Perennial Ryegrass
15%	Intermediate Wheatgrass
10%	Timothy
10%	Ginger Forage Bluegrass

MUSTANG THOROUGHBRED MIX

25 LBS PER ACRE

This grass mix is especially suited for horses. Forage perennial ryegrass and orchardgrass give quick establishment and lush early season production. Together with timothy, forage bluegrass and ladino clover, your horse will have high protein and highly productive pasture throughout the entire season.

30%	Orchardgrass
20%	Bromegrass
20%	Forage Perennial Ryegrass
10%	Ginger Forage Bluegrass
10%	Timothy
10%	Ladino Clover

MUSTANG ORCHARD MIX

75 LBS PER ACRE

This grass mix is a perfect mix for orchards. With crested wheatgrass and creeping red fescue, it will be a low grow mix with fine stems and have the ability to handle dry conditions.

50%	Crested Wheatgrass
50%	Creeping Red Fescue

WATERWAY MIX

25 LBS PER ACRE

Is intended for quick establishment into highly erodible areas. Will be a long lasting and low maintenance sod forming mix.


30%	Bromegrass
30%	Forage Tall Fescue
25%	Forage Perennial Ryegrass
15%	Timothy

COYOTE HORSE PASTURE MIX

25 LBS PER ACRE

Coyote Horse Pasture mix is a selection of 5 grasses on which your horses will thrive. Legumes have been purposely left out because horses are prone to bloat on legumes and so that you may spray with 2-4D. This mix is a high-quality mix that will thrive for many years. This mix is well suited for all types of livestock, not just horses.

20%	Orchardgrass
20%	Bromegrass
20%	Forage Perennial Ryegrass
20%	Intermediate Wheatgrass
20%	Timothy



Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including **applicable refuge requirements for insect resistance management**, for the biotechnology traits expressed in the seed as set forth in the Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation and agreement to comply with the most recent stewardship requirements.

Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides. Agrisure®, Agrisure® Above, Agrisure Artesian®, Agrisure® Total, Agrisure Viptera®, Artesian®, Duracade®, DuracadeViptera™, DuracadeViptera™ Z3, E-Z Refuge®, Viptera®, and Viptera®Z3 are trademarks of a Syngenta Group Company.

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

No dicamba may be used in-crop with seed with Roundup Ready® Xtend Technology, unless and until approved or specifically permitted. No dicamba formulations have been registered for such in-crop use at the time this material was published. Please follow <https://www.roundupreadyxtend.com/pages/xtendimax-updates.aspx> for status updates.

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all applicable regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.

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

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

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

Roundup Ready® Technology contains genes that confer tolerance to glyphosate. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Plants that are not tolerant to glyphosate may be damaged or killed if exposed to those herbicides. Plants that are not tolerant to glyphosate, dicamba, and/or glufosinate may be damaged or killed if exposed to those herbicides. Plants that are not tolerant to dicamba may be damaged or killed if exposed to those herbicides. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

Seed containing a patented trait can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, and XtendFlex® soybeans. Additional information and limitations on the use of these products are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: tug.bayer.com. U.S. patents for Bayer technologies can be found at the following webpage: cs.bayerpatents.bayer.com

Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. Herculex® is a registered trademark of Dow AgroSciences LLC. Agrisure Viptera® is a registered trademark of a Syngenta group company. LibertyLink logo® and LibertyLink® are trademarks of BASF Corporation. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. Acceleron®, DroughtGard®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, SmartStax®, Trecepta®, VT Double PRO®, VT4PRO™ and XtendFlex® are trademarks of Bayer Group.



Seeds containing the PowerCore® Enlist®, PowerCore® Enlist® Refuge Advanced®, and Enlist® Corn - REFUGE traits are protected under one or more U.S. patents which can be found at: www.traitstewardship.com. The purchase of this traited seed includes a limited

license to produce a single crop in the United States. The use of seed from such a crop and/or the progeny thereof for propagation or seed multiplication or for production or development of a hybrid or different variety of seed is strictly prohibited. You acknowledge and agree to be bound by the terms and conditions of the following documents in effect at the time of planting of this seed: (i) the Corteva Agriscience Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements.

To plant PowerCore Enlist, PowerCore Enlist Refuge Advanced, and Enlist Corn - REFUGE seed, you must have a limited license from Corteva Agriscience (or other appropriate affiliates). In consideration of the foregoing, Corteva Agriscience grants to the Grower a limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed.



Properly managing trait technology is key to preserving it as a long term crop protection tool. Growers who fail to comply with IRM requirements risk losing access to this product. To help preserve the effectiveness of B.t. corn technologies, growers planting B.t. corn technologies are required to follow an IRM Plan. Consult the Corn Product Use Guide for appropriate refuge configuration options. Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the Technology Use Agreement and Product Use Guide. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements. For complete details on IRM requirements for hybrids with Bt technology, including refuge examples and important information on the use of insecticides on refuge and Bt corn acres, please consult appropriate Product Use Guide. Go to www.corteva.us/Resources/trait-stewardship.html to download the latest Corteva Agriscience Corn Product Use Guide.

Enlist E3® soybean seeds containing the Enlist® trait can only be used to plant a single commercial crop. It is unlawful to save and replant Enlist E3® soybeans. Additional information and limitations on the use of these products are provided in the Corteva Agriscience Technology Use Agreement and Enlist® Soybean Product Use Guide. U.S. patents for Corteva Agriscience technologies can be found at the following webpage: www.corteva.us/Resources/trait-stewardship.html.

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

Following burndown, Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use with Enlist® corn and soybeans. Consult Enlist® herbicide labels for weed species controlled. Enlist Duo and Enlist One herbicides are not registered for use or sale in all states and counties; are not registered in AK, CA, CT, HI, ID, MA, ME, MT, NH, NV, OR, RI, UT, VT, WA, and WY; and have additional subcounty restrictions in AL, GA, TN and TX, while existing county restrictions still remain in FL. All users must check "Bulletins Live! Two" no earlier than six months before using Enlist One or Enlist Duo. To obtain "Bulletins," consult epa.gov/espp/, call 1-844-447-3813, or email ESPP@epa.gov. You must use the "Bulletin" valid for the month and state and county in which Enlist One or Enlist Duo are being applied. Contact your state pesticide regulatory agency if you have questions about the registration status of Enlist® herbicides in your area. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO USE ANY PESTICIDE PRODUCT OTHER THAN IN ACCORDANCE WITH ITS LABELING. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USE IN THE STATE OF APPLICATION. USE OF PESTICIDE PRODUCTS, INCLUDING, WITHOUT LIMITATION, 2,4-D-CONTAINING PRODUCTS NOT AUTHORIZED FOR USE WITH ENLIST CORN AND SOYBEANS, MAY RESULT IN OFF-TARGET DAMAGE TO SENSITIVE CROPS/AREAS AND/OR SUSCEPTIBLE PLANTS, IN ADDITION TO CIVIL AND/OR CRIMINAL PENALTIES. Additional product-specific stewardship requirements for Enlist crops, including the Enlist Product Use Guide, can be found at www.traitstewardship.com.

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PowerCore® Enlist® Refuge Advanced® corn products with HX1, VTP, ENL, 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 PowerCore Enlist Refuge Advanced products.

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

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

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ENLIST® WEED CONTROL SYSTEM— PROVEN CONTROL OF TOUGH WEEDS

Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use on Enlist® crops.

SOYBEANS 2,4-D choline | Glyphosate | Glufosinate

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

On-Target Application

- 90% less drift than traditional 2,4-D
- 96% less volatile than 2,4-D ester

Enlist Duo®
COLEX-D® technology
HERBICIDE

- Convenient proprietary blend of 2,4-D choline and glyphosate
- The two sites of action work together to deliver control of yield-robbing weeds and help prevent resistance

Enlist One®
COLEX-D® technology
HERBICIDE

- Straight-goods 2,4-D choline with additional tank-mix flexibility
- Provides additional tank-mix flexibility with Liberty® herbicide and other qualified tank-mix products, allowing for a customized weed control program to fit each farm



MUSTANG
SEEDS™