

2023 PRODUCT GUIDE



Our leadership team began last year by making a promise to deliver our strongest product lineup ever. A lineup that would outperform competitors in all kinds of geographies and conditions. A lineup that would show you the yield. We're happy to report that after seeing the independent trial data and hearing from many of our customers and friends, we delivered on that promise.

But we're not satisfied with one year on top. We're here to build a dynasty. That's why we're thrilled to introduce you to our 2023 lineup, designed and hand-selected to perform even better, yielding even greater than what we were able to do last year. So here's to another record-setting season and another year of bringing the yield.

Sincerely,



THE DAIRYLAND SEED LEADERSHIP TEAM

# DAIRYLAND SEED LEADERSHIP TEAM











# Innovations to get more from every acre



FARM-READY SEED PRODUCTS TO MAXIMIZE GENETIC POTENTIAL



Robust R&D + a productive pipeline = more products for your fields What makes our R&D organization exceptionally productive?

# **Experience and depth**

- Our work with corn lines dates back to 1920. We've had a century to establish a strong foundation of germplasm.
- With our industry-leading germplasm pool, Corteva Agriscience can develop products that work in specific growing environments.
- More breeding cycles each year integrate the newest traits into our elite germplasm so we can bring products to market faster.

# Super-selective development process

- Varieties and hybrids that make it to market have to prove their value to farmers.
- Seed is tested in real-world conditions around the globe and down the road from where you farm.
- Researchers look at hundreds of thousands of new seed product contenders each year, and less than 0.01% make the cut.

# Sustainability

- · The next generation of seed has to help you do more with less.
- New seed products are developed to deliver higher yield with less inputs.
- Productivity and profitability go hand-in-hand with making sure the land and farms are here for a long time to come.

# NEW TRAITS HELP MAXIMIZE THE POTENTIAL IN PLANTS AND PROFITS



# **Insect control**

Helping farmers manage above- and/or belowground pests, which can impact performance and profit potential, through native and biotech traits.



### Disease resistance

Native traits help manage yield-robbing diseases that vary by geography and growing season.



### Herbicide tolerance

Herbicide-tolerant (HT) traits give farmers more choices for managing weeds and grasses to maximize performance without damaging the plant.

# TOP 5 FINISHES

IN 2021 F.I.R.S.T. AND UNIVERSITY TRIALS COMBINED



# WHAT'S IN THE BAG

	TRAIT/TECHNOLOGY	LOGOS	TRAIT SUFFIX	TAG DESCRIPTOR
	Qrome <sup>®</sup>	QROME <sup>®</sup>	0	ABOVE/BELOW
FULL STACK	Optimum® AcreMax® XTreme	AcreMax <sup>o</sup> ABOVE BELOW XTreme	АМХТ	ABOVE/BELOW
	SmartStax® Refuge Advanced®	SMARTSTAX  REFUGE ADVANCED®	SXRA	ABOVE/BELOW
	SmartStax® Enlist®	SMARTSTAX Enlist	SXE	ABOVE/BELOW
DOUBLE STACK	Optimum® AcreMax®	AcreMax°	АМ	ABOVE
HERBICIDE Tolerant	Roundup Ready® Corn 2	Roundup Ready GORN 2	RR	
NON-TRAITED	Conventional		С	CONVENTIONAL

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

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BRAND	TRAIT	RELATIVE MATURITY	GDUS TO PHY. MAT.	STRESS EMERGENCE	SILK RM	STAYGREEN	GRAIN DRYDOWN	PLANT HEIGHT	EAR HEIGHT	EAR FLEX	STALK STRENGTH	ROOT STRENGTH	MID-SEASON BRITTLE STALK	TEST WEIGHT	DROUGHT TOLERANCE	NORTHERN LEAF BLIGHT	GRAY LEAF SPOT	GOSS'S WILT	TAR SPOT**
DS-2080AM™	AM	80	1890	4	М	5	2	М	M/H	L	3	3	2	3	2	2	-	3	-
DS-2220AM™ DS-2220C™	AM C	82	1940	3	Е	4	2	М	М	М	3	2	1	4	2	3	-	2	-
DS-2350RR™	RR	83	2040	3	L	4	3	М	М	L	2	2	2	4	1	3	-	2	-
DS-2505Q™	Q	85	2020	4	Ε	2	5	М	M/H	М	2	2	4	2	2	2	-	2	-
DS-2531AM™	AM	85	2090	3	L	4	4	M/T	М	Н	2	2	2	4	2	3	-	2	-
DS-2716Q™	Q	87	2090	3	L	3	3	M/S	M/L	М	2	2	3	3	3	2	-	3	-
DS-3022AM™	AM	90	2220	4	М	2	5	М	М	М	4	2	2	3	3	2	-	2	-
DS-3162Q™	Q	91	2240	3	L	2	1	M/T	М	М	2	2	4	4	2	1	-	2	-
DS-3193AM™	AM	91	2170	4	М	2	3	M/T	M/H	М	2	2	4	2	2	2	-	3	-
DS-3203AM™	AM	92	2270	2	L	3	4	М	М	L	2	3	2	3	1	2	4	1	3**
DS-3345AM™	AM	93	2220	2	Ε	5	3	М	М	L	2	3	2	1	3	3	4	2	-
DS-3366Q <sup>™</sup> DS-3366AM <sup>™</sup> DS-3366C <sup>™</sup>	Q AM C	93	2140	2	Е	5	5	М	М	М	3	2	3	2	2	2	4	1	3
DS-3477AM™	AM	94	2320	4	L	3	4	М	М	М	2	3	3	3	1	2	5	2	-
DS-3550Q™ DS-3550AM™	Q AM	95	2350	3	М	2	4	M/S	M/L	М	3	2	3	4	2	3	3	2	2**
DS-3519AM™	AM	96	2320	2	М	2	4	M/T	Н	М	1	3	2	1	2	2	2	1	3
DS-36010 <sup>™</sup> DS-3601AM <sup>™</sup>	Q AM	96	2370	2	М	2	2	М	M	Н	3	4	3	3	2	2	4	1	3
DS-3727AM™ DS-3727C™	AM C	97	2370	3	М	3	2	М	М	М	3	1	3	2	2	4	4	1	2**
DS-3750AM™	AM	97	2300	2	М	3	4	M/S	М	М	2	2	2	2	2	2	2	2	3**
DS-3900AM™	AM	99	2400	3	М	4	5	M/T	М	Н	3	3	3	2	2	2	4	1	3
DS-3959Q <sup>™</sup> DS-3959AM <sup>™</sup>	Q AM	99	2450	3	Е	4	3	М	М	L	3	2	1	3	2	3	4	1	3**
DS-4014Q™	Q	100	2450	2	Е	4	2	M/S	M/L	М	2	2	2	3	2	3	3	3	2
DS-4018AMXT™ DS-4018AM™	AMXT AM	101	2470	3	L	5	2	М	М	М	3	2	3	2	1	3	4	2	2**
DS-4219AM™	AM	102	2420	4	М	1	3	М	М	М	1	3	1	4	1	3	4	1	2**
DS-4310Q <sup>™</sup> DS-4310AM <sup>™</sup>	Q AM	103	2530	4	М	4	4	М	М	М	2	2	2	2	1	3	4	1	2**
DS-4318AM™	AM	104	2500	3	L	3	5	М	М	М	2	2	4	3	2	3	3	2	3
DS-4440AMXT™	AMXT	104	2470	3	М	2	2	М	М	L	2	3	3	3	1	2	3	1	2
DS-4329AM™	AM	105	2580	3	L	3	2	M/T	M/H	М	3	2	1	3	1	3	4	2	2

# CORN CHARACTERISTICS

BRAND	TRAIT	RELATIVE MATURITY	GDUS TO PHY. MAT.	STRESS EMERGENCE	SILK RM	STAYGREEN	GRAIN DRYDOWN	PLANT HEIGHT	EAR HEIGHT	EAR FLEX	STALK STRENGTH	ROOT STRENGTH	MID-SEASON BRITTLE STALK	TEST WEIGHT	DROUGHT TOLERANCE	NORTHERN LEAF BLIGHT	GRAY LEAF SPOT	GOSS'S WILT	TAR SPOT**
DS-45100™ DS-4510C™	0	105	2470	2	Ε	4	2	М	М	М	2	3	4	3	1	3	4	1	3
DS-4567Q™	Q	105	2550	4	Ε	4	3	М	М	L	2	2	2	3	1	2	4	1	-
DS-4580Q™	Q	105	2450	2	Ε	5	5	M/S	M/L	М	3	2	2	1	3	2	4	1	-
DS-4878Q™ DS-4878AM™	Q AM	108	2600	1	М	4	3	M/S	M	Н	3	2	4	2	2	4	3	2	3
DS-4917AM™	AM	109	2630	3	Ε	4	5	M/S	М	М	2	2	2	1	2	3	4	3	3
DS-5018AM™ DS-5018C™	AM C	110	2700	2	L	3	2	М	М	М	1	2	5	3	2	3	3	3	3
DS-5095AM™	AM	110	2730	4	М	3	2	М	М	Н	2	2	2	2	2	2	3	2	2**
DS-5144Q™	Q	111	2730	2	М	2	1	М	М	Н	2	3	1	1	2	3	3	1	3**
DS-5161Q™	Ō	111	2700	3	L	3	3	М	М	М	2	2	2	1	1	3	3	2	3**
DS-5250AM™	AM	112	2780	2	М	2	2	М	М	Н	2	4	3	2	2	2	3	2	3**
DS-5279Q <sup>™</sup> DS-5279C <sup>™</sup>	0 C	112	2650	2	Ε	1	3	M/T	М	М	2	4	2	2	2	3	3	1	3**
DS-5383AM™	AM	113	2780	2	М	3	4	М	М	Н	2	2	3	1	2	3	3	2	2**
DS-5510C™	C	115	2680	3	Ε	3	3	M/T	М	М	2	3	3	1	2	4	3	4	3**

Q = Qrome®

AMXT = Optimum® AcreMax® XTreme

AM = Optimum® AcreMax®

RR = Roundup Ready® Corn 2

C = Conventional

# **RATING SCALE**

Rated 1 to 9, 1 = Excellent; — = Not rated; Red products = New for 2023

NOTE: Ratings are based on replications of data generated by Dairyland Seed and Corteva Agriscience. These ratings serve as a guide for selection and management of products. Individual product responses may vary depending on growing environment.

# \*\*TAR SPOT RATING

Ratings denoted with a double asterisk (\*\*) reflect preliminary data subject to change when additional data becomes available.

### **CODES**

L = Late or Low

E = Early

S = Short

M/S = Medium/Short

M = Medium

M/H = Medium/High

M/T = Medium/Tall

M/L = Medium/Low

H = High

T = Tall

# EVERYBODY TALKS ABOUT PERFORMANCE.



BRAND	RANK	2021 TRIAL*	ZONE	LOCATION	STATE	YIELD <sup>1</sup> (BU/A)	PLOT AVERAGE	ADV.
DS-3022AM™	1 of 32	F.I.R.S.T.	Red River Central - Full	Summary	ND, MN	214.3	194.1	20.2
DS-3162Q™	4 of 44	University of Wisconsin	North Central Early	4-Location Average	WI	251	234	17
DS-3366AM™	2 of 44	University of Wisconsin	North Central Early	4-Location Average	WI	255	234	21
D3-3300AII	3 of 14	Michigan State University	Zone 4 Late	losco/Presque Isle/Missaukee	MI	227.1	221.7	5.4
DS-3519AM™	1 of 37	North Dakota State University	NDSU Carrington	Fingal Dryland	ND	246.2	207.1	39.1
	1 of 43	F.I.R.S.T.	Minnesota East Central - All	Taylors Falls	MN	223.4	188.0	35.4
	1 of 35	F.I.R.S.T.	Minnesota South - Ultra Early	Nerstrand	MN	258.9	236.1	22.8
DS-3550AM™	4 of 38	University of Minnesota	Northern	3-Location Average	MN	206	191	15
D3-3330AII	1 of 45	F.I.R.S.T.	South Dakota Northeast - Early	Arlington	SD	246.5	213.2	33.3
	2 of 14	North Dakota State University	NDSU Carrington 2020-21	Fingal Dryland	ND	201.7	180.8	20.9
	4 of 56	F.I.R.S.T.	Wisconsin Central - Early	Summary	WI	231.1	218.1	13.0
	1 of 48	F.I.R.S.T.	Minnesota West Central - Early	Brooten	MN	286.6	244.5	42.1
	1 of 48	F.I.R.S.T.	Minnesota West Central - Early	Summary	MN	234.4	218.5	15.9
	3 of 29	University of Minnesota	Central Early	2-Location Average	MN	233	215	18
DS-3727AM™	1 of 23	South Dakota State University	_	Bancroft Early	SD	216.0	190.1	25.9
	1 of 56	F.I.R.S.T.	Wisconsin Central - Early	Fox Lake	WI	238.8	218.1	20.7
	2 of 56	F.I.R.S.T.	Wisconsin Central - Early	Summary	WI	233.7	218.1	15.6
	2 of 17	North Dakota State University	Southern Early	2-Location Average	ND	181.0	173.0	8.0
	1 of 13	South Dakota State University	_	Mount Vernon Early	SD	179.0	149.2	29.8
	1 of 29	South Dakota State University	_	Volga Early	SD	123.5	108.0	15.5
DS-3959AM™	2 of 17	North Dakota State University	Southern Late 2021	2-Location Average	ND	189.0	180.0	9.0
ท2-วลอลษเม	2 of 72	F.I.R.S.T.	Minnesota Southeast - Early	Cannon Falls	MN	277.6	246.2	31.4
	2 of 72	F.I.R.S.T.	Minnesota Southwest - Early	Mankato	MN	244.5	204.3	40.2
	4 of 72	F.I.R.S.T.	Minnesota Southeast - Early	Summary	MN	244.2	229.4	14.8
	1 of 48	F.I.R.S.T.	Michigan South - Early	Summary	MI	234.3	211.4	22.9
	1 of 48	F.I.R.S.T.	Michigan South - Early	Charlotte	MI	238.4	185.8	52.6
DS-4014Q™	1 of 48	F.I.R.S.T.	Michigan South - Early	Mason	MI	250.5	222.0	28.5
D9-4014Й	1 of 48	F.I.R.S.T.	Michigan South - Early	Riga	MI	272.9	250.8	22.1
	1 of 30	Michigan State University	Zone 2 Early	Ottawa/Ingham/Saginaw	MI	242.7	220.6	22.1
	1 of 17	North Dakota State University	Southern Late	2-Location Average	ND	197.0	180.0	17.0
	1 of 60	F.I.R.S.T.	South Dakota Southeast - Full	Irene	SD	137.3	107.6	29.7
DS-4310AM™	1 of 13	South Dakota State University	_	Bancroft Late	SD	236.8	206.7	30.1
	5 of 36	F.I.R.S.T.	Illinois North - Ultra Early	Summary	IL	233.2	225.8	7.4

BRAND	RANK	2021 TRIAL*	ZONE	LOCATION	STATE	YIELD <sup>1</sup> (BU/A)	PLOT Average	ADV.
	1 of 25	University of Illinois	North Region Early	2-Location Average	IL	275	257	18
	2 of 36	F.I.R.S.T.	Illinois North - Ultra Early	Summary	IL	253.1	225.8	27.3
	2 of 54	F.I.R.S.T.	North Central Tri-State - Early	Summary	IL	245.1	226.1	19.0
	1 of 44	F.I.R.S.T.	Indiana North - Early	Wabash	IN	216.5	185.2	31.3
	2 of 44	F.I.R.S.T.	Indiana North - Early	Summary	IN	224.0	207.3	16.7
DS-4510Q™	1 of 25	Michigan State University	Zone 2 Late	Ingham	MI	250.3	230.2	20.1
	2 of 25	Michigan State University	Zone 2 Late	Ottawa/Ingham/Saginaw	MI	227.9	216.5	11.4
	2 of 37	University of Minnesota	Central Late	2-Location Average	MN	246	220	26
	2 of 47	University of Wisconsin	South Central Late	3-Location Average	WI	264	239	25
	4 of 50	University of Wisconsin	Southern Zone Early	3-Location Average	WI	259	236	23
	4 of 45	F.I.R.S.T.	Wisconsin South - Full	Summary	WI	256.3	245.0	11.3
	1 of 45	F.I.R.S.T.	Wisconsin South - Full	Arlington	WI	259.6	231.6	28.0
DS-4878AM™	1 of 45	F.I.R.S.T.	Wisconsin South - Full	Oregon	WI	298.9	274.7	24.2
D9-40/04II	2 of 45	F.I.R.S.T.	Wisconsin South - Full	Summary	WI	260.5	245.0	15.5
	2 of 46	University of Wisconsin	Southern Zone Late	3-Location Average	WI	250	229	21
	1 of 79	University of Illinois	North Region Any RM	Fenton	IL	289	260	29
DS-5144Q™	2 of 79	University of Illinois	North Region Any RM	2-Location Average	IL	277	253	24
	1 of 48	F.I.R.S.T.	Indiana North - Full	Wolcott	IN	245.5	226.7	18.8
DC E0700TH	3 of 48	F.I.R.S.T.	Indiana North - Full	Wabash	IN	219.0	201.5	17.5
DS-5279Q™	5 of 40	F.I.R.S.T.	Indiana Central - Full	Connersville	IN	253.5	234.6	18.9

# CORN NUMBERING SYSTEM

**Genetic Family** 

**DS-4510 Q**<sup>™</sup>

**Relative Maturity** (add 60 for the maturity) EX. 45 = 105 RM

Randomly Assigned

# **Trait Identification**

0rome®

**AMXT** Optimum® AcreMax® XTreme

Optimum® AcreMax® AM

RR Roundup Ready® Corn 2

C Conventional

<sup>\*</sup>No product recommendation by F.I.R.S.T. is implied

<sup>1.</sup> The foregoing is provided for informational use only. Please contact your Dairyland Seed sales professional for information and suggestions specific to your operation. Product performance is variable and depends on many factors, such as moisture and heat stress, soil type, management practices, and environmental stress, as well as disease and pest pressures. Individual results may vary.

# CORN PLANTING POPULATION RECOMMENDATIONS

				VIELD COAL (DIL/A)		
		470 400		YIELD GOAL (BU/A)	222 252	252
BRAND/FAMILY	RELATIVE Maturity	130 - 160	160 - 190 Recommended plan	190 - 220	220 -250	250+
DS-2080AM™	80	27 - 29	29 - 31	31 – 32	32 – 35	Insufficient Data
DS-2220 Family	82	27 - 29	29 - 31	31 - 32	32 – 34	Insufficient Data
DS-2350RR™	83	27 - 29	29 - 31	31 - 32	32 – 35	Insufficient Data
DS-2505Q™	85	27 - 29	29 - 31	31 – 32	32 - 34	Insufficient Data
DS-2531AM™	85	26 - 28	28 - 30	30 - 32	32 - 34	Insufficient Data
DS-2716Q™	87	27 - 29	29 - 30	30 - 32	32 - 36	Insufficient Data
DS-3022AM™	90	26 - 28	28 - 30	30 - 32	32 - 34	Insufficient Data
DS-3162Q™	91	26 - 28	28 - 30	30 - 32	30 - 32	32 - 34
DS-3193AM™	91	26 - 28	28 - 30	30 - 32	32 - 34	32 - 34
DS-3203AM™	92	28 - 30	30 - 32	32 - 34	32 - 34	34 - 36
DS-3345AM™	93	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
DS-3366 Family	93	27 - 29	29 - 32	29 - 32	32 - 33	33 – 36
DS-3477AM™	94	27 - 30	30 – 32	30 – 32	32 – 34	34 – 36
DS-3550 Family	95	26 - 28	28 - 31	28 - 31	31 – 33	33 – 36
DS-3519AM™	96	27 - 29	27 - 29	29 - 31	31 – 33	33 – 35
DS-3601 Family	96	26 - 28	28 - 30	30 - 32	32 - 34	32 - 34
DS-3727 Family	97	26 - 28	28 - 30	30 – 32	32 – 34	32 – 34
DS-3750AM™	97	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
DS-3900AM™	99	26 - 28	28 - 30	30 - 32	32 – 34	32 - 34
DS-3959 Family	99	28 - 30	30 - 32	32 - 34	32 - 34	34 - 36
DS-4014Q™	100	28 - 30	30 - 32	32 - 34	32 – 34	34 - 37
DS-4018 Family	101	26 - 28	28 - 30	28 - 30	30 – 32	32 - 34
DS-4219AM™	102	26 - 28	28 - 30	30 - 32	30 – 32	32 - 35
DS-4310 Family	103	26 - 28	28 - 30	30 - 32	32 – 33	33 - 35
DS-4318AM™	104	26 - 28	28 - 30	30 - 32	30 - 32	32 - 34
DS-4440AMXT™	104	28 - 30	30 - 32	30 - 32	32 – 34	34 - 37
DS-4329AM™	105	26 – 28	28 - 30	28 - 30	30 – 33	33 – 35
DS-4510 Family	105	27 - 30	30 - 32	30 - 32	32 - 34	34 - 36
DS-4567Q™	105	28 - 30	30 - 32	32 - 34	32 - 34	34 – 36
DS-4580Q™	105	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data
DS-4878 Family	108	24 – 26	26 - 28	28 - 30	30 – 32	32 - 34
DS-4917AM™	109	26 - 28	28 - 30	30 - 32	32 - 34	34 – 36
DS-5018AM™	110	26 - 28	28 - 30	30 - 32	32 - 34	34 – 36
DS-5095AM™	110	26 - 28	28 - 30	30 - 32	32 - 34	32 - 34
DS-5144Q™	111	26 - 28	28 – 30	30 – 32	32 – 34	32 - 34
DS-5161Q™	111	26 - 28	28 - 31	31 – 32	32 - 34	34 - 36
DS-5250AM™	112	24 - 26	26 - 28	28 – 30	30 – 32	32 - 34
DS-5279 Family	112	27 - 30	30 – 32	32 – 33	33 – 34	34 – 35
DS-5383AM™	113	24 - 26	26 - 28	28 – 30	30 – 32	32 - 34
DS-5510C™	115	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data





# **DS-2080AM™**

## HUGE YIELD POTENTIAL FOR THIS MATURITY

**STRESS** STALK ROOT DROUGHT GRAIN **EMERGENCE** STRENGTH STRENGTH **TOLERANCE** DRYDOWN 3 3 2 2

- Good brittle stalk rating for the west
- · Nice toughness and drought tolerance
- · Solid resistance to northern leaf blight
- · Early flowering for maturity



# **DS-2220AM™**DS-2220C™

## **VERY EARLY FLOWERING**

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
3	3	2	2	2

- Keep north as a true 82 day
- · Very good drought tolerance
- Tough hybrid can handle variable conditions
- · Excellent yield potential for this style of hybrid



# **DS-2350RR**™

# YIELDS EAST TO WEST ACROSS OUR GEOGRAPHY

STALK ROOT DROUGHT GRAIN **STRESS EMERGENCE** STRENGTH STRENGTH **TOLERANCE** DRYDOWN 3 2 2 1 3

- Shorter statured plant that brings toughness and consistency
- · Good stalks and roots
- · Excellent drought tolerance
- · Solid foliar health package





# DS-2505Q™

## CONSISTENT YIELD PERFORMANCE

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
4	2	2	2	5

- · Very good foliar health package
- · Good performance east to west
- · Stable across yield spectrum
- Shorter statured plant type

# **DS-2531AM™**

### **NEW 85 DAY OPTIMUM® ACREMAX® HYBRID**

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
3	2	2	2	4

- · Adds depth to this zone
- · Gives yield punch to this maturity
- · Big, chunky ears with high flex
- Good across the yield spectrum but separates in high-yield environments
- · Solid stalks, roots and mid-season brittle stalk

**87** RM

**DS-2716Q**<sup>™</sup>

# **NICE YIELD POTENTIAL**

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
3	2	2	3	3

- · Very good stalks and roots
- · Showy, attractive hybrid
- · Consistent ears down the row
- Shorter statured plant type

# **DS-3022AM™**

# **HUGE TOP-END YIELD POTENTIAL**

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
4	4	2	3	5

- Excellent foliar health package
- Responds to high management
- · Performs east to west in our geography
- · Performs best in higher yield environments

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# **DS-31620**™

### HIGH-YIELDING SET OF GENETICS

STRESS STALK ROOT **EMERGENCE** STRENGTH 3 2

STRENGTH 2

GRAIN DROUGHT TOLERANCE DRYDOWN 1 2

- · Solid stalks and roots
- · Great foliar health package
- · Stable performance across yield spectrum
- · Taller upright plant type



# DS-3193AM™

# **EXCELLENT YIELD POTENTIAL**

**STRESS** STALK ROOT DROUGHT GRAIN **EMERGENCE** STRENGTH STRENGTH **TOLERANCE** DRYDOWN 2 3 2

- Good flower and finish pushing north
- · Showy, attractive hybrid
- · Good test weight and grain quality
- · Consistent ears down the row

# **DS-3203AM™**

# **NEW 92 DAY OPTIMUM® ACREMAX® HYBRID**

STRESS STALK ROOT DROUGHT GRAIN **EMERGENCE** STRENGTH STRENGTH TOLERANCE DRYDOWN 4

- · Broadly adapted east to west
- Elite drought tolerance
- Very good stalks and mid-season brittle stalk
- · Great foliar health package
- · Low ear flex, need to push populations



# DS-3345AM"

# STRONG PERFORMANCE EAST TO WEST

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
2	2	3	3	3

- · Elite test weight and grain quality
- Strong stalks
- Early flowering with good drydown in the fall
- · Shorter statured plant type

DS-33660' DS-3366AM™ DS-3366C™

### **EXHIBITS TOP-END YIELD POTENTIAL**

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
2	3	2	2	5

- Consistent performance east to west
- · Nice grain quality and test weight
- · Solid foliar health package
- · Shorter statured plant type



# DS-3477AM™

# DS-3550AMTM

### **NEW 94 DAY OPTIMUM® ACREMAX® HYBRID**

STRESS **EMERGENCE** 

STALK STRENGTH 2

ROOT STRENGTH 3

DROUGHT **TOLERANCE** 1

GRAIN DRYDOWN 4

STRESS **EMERGENCE** 3

STALK STRENGTH 3

ROOT STRENGTH 2

**EXHIBITS TOP-END YIELD POTENTIAL** 

DROUGHT **TOLERANCE** 2

**GRAIN** DRYDOWN 4

- Elite drought tolerance to handle the toughest conditions
- · Looked like a rockstar in stressed western environments
- · Above average northern leaf blight and Goss's wilt
- · Good stalks
- Solid workhorse style of hybrid that provides excellent stability

- · Strong performance east to west
- Shorter plant type
- · Big, chunky ear
- · Good foliar health package



DS-3519AM™

# STABLE AND CONSISTENT YIELD, PROVEN PERFORMER

**STRESS EMERGENCE** 2

STALK STRENGTH 1

ROOT STRENGTH 3

DROUGHT **TOLERANCE** 2

GRAIN DRYDOWN

4

- · Can handle variable soils
- · Nice test weight and grain quality
- · Strong emergence and vigor
- · Solid foliar health package

DS-36010<sup>TM</sup>

# **NEW 96 DAY OROME® AND OPTIMUM® ACREMAX® HYBRIDS**

STRESS **EMERGENCE** 

STALK STRENGTH 3

ROOT STRENGTH

DROUGHT TOLERANCE

GRAIN DRYDOWN 2

- · Lead family for this maturity
- · High yield potential with big, flexy ears
- Good drought tolerance and staygreen
- Above average stress emergence
- · Solid northern leaf blight and Goss's wilt



ALL THE PRODUCTS. ALL THE DATA. DAIRYLANDSEED.COM





### **BIG-TIME YIELD POTENTIAL**

STRESS DROUGHT **GRAIN** STALK ROOT DRYDOWN **EMERGENCE** STRENGTH STRENGTH **TOLERANCE** 2 3 3 1 2

- · Early flowering with fast drydown
- · Nice toughness and drought tolerance
- · Very good test weight
- Consider using fungicide for northern leaf blight and gray leaf spot



# DS-3750AM™

# **NICE DROUGHT TOLERANCE**

**STRESS** ROOT DROUGHT GRAIN STALK **EMERGENCE** STRENGTH STRENGTH TOLERANCE DRYDOWN 2 2 2 2 4

- · Shorter plant type
- · Performs well moving north
- · Strong stalks and roots
- · Solid foliar health package



# DS-3900AM™

# **NEW 99 DAY OPTIMUM® ACREMAX® HYBRID**

STRESS STALK ROOT DROUGHT GRAIN **EMERGENCE** STRENGTH STRENGTH TOLERANCE DRYDOWN 3 3 5

- · Highest yield potential product in this maturity
- · Performs east to west across our geography
- · Good drought tolerance and toughness
- · Big, chunky ears with high flex
- Strong foliar health and average mid-season brittle stalk



DS-39590™

# STRONG YIELD POTENTIAL

3	3	2	2	3
STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN

- · Can handle variable conditions
- · Awesome drought tolerance and toughness
- · Good stalks and roots
- · Highest ratings we give for brittle stalk and Goss's wilt
- · Good grain quality and test weight

DS-40140™

### HYBRID CAN HIT HIGH-END YIELD TARGETS

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
2	2	2	2	2

- Solid performance east to west
- · Solid stalks and roots
- · Short-statured plant type
- Best performance is pushing north for maturity

# DS-4018AMXT™ 101 DS-4018AM™

### INDUSTRY LEADER FOR THIS MATURITY

**STRESS** ROOT DROUGHT GRAIN STALK STRENGTH DRYDOWN **EMERGENCE** STRENGTH **TOLERANCE** 3 2 3 2 1

- · Works east to west
- · Nice drought tolerance
- Strong agronomic package
- · Great grain quality and test weight





DS-4219AM™

# **NEW 102 DAY OPTIMUM® ACREMAX® HYBRID**

**STRESS** ROOT DROUGHT GRAIN STALK **EMERGENCE** STRENGTH STRENGTH TOLERANCE DRYDOWN 1 3 1

- · High-yielding genetics
- · Excellent staygreen and fall visuals
- · Superior drought tolerance and toughness
- · Performs east to west
- · Elite mid-season brittle stalk and Goss's wilt for western geography



DS-43100™ DS-4310AM™

## SHORT-STATURED, GO-EVERYWHERE HYBRID

STRESS ROOT DROUGHT GRAIN STALK **EMERGENCE** STRENGTH STRENGTH TOLERANCE DRYDOWN 2 1 4

- Versatile hybrid that can perform north or south of maturity
- · Highest rating for drought tolerance
- Strong stalks and roots
- · Average stress emergence



**DS-4318AM™** 

# TALL, TOUGH, CONSISTENT HYBRID

ROOT GRAIN **STRESS** STALK DROUGHT **EMERGENCE** STRENGTH STRENGTH **TOLERANCE** DRYDOWN 3 2 2 2 5

- Very good drought tolerance
- · Strong stalks and roots
- · Can handle variable soils
- · Responds to high management



DS-4440AMXT™

# **EXCELLENT DROUGHT TOLERANCE**

DROUGHT STRESS STALK ROOT **GRAIN EMERGENCE** STRENGTH STRENGTH **TOLERANCE** DRYDOWN 2 3 2 3 1

- Can perform in variable soils and conditions
- · Elite foliar health package
- · Best performance as a mid- to full-season hybrid
- · Can be used as a dual purpose corn



# **DS-4329AM™**

### **BIG-TIME YIELD POTENTIAL**

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
3	3	2	1	2

- Features big, girthy ears
- Stable across environments
- Taller plant type
- Prefers moderate populations



### OUTSTANDING PERFORMANCE IN 2021 INDEPENDENT TRIALS

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
2	2	3	1	2

- Game-changing yield potential at this maturity
- Elite drought tolerance, can handle tough environments
- · Strong emergence and early vigor
- · Nice grain quality and test weight
- Best performance is east of I-35



DS-45670™

# **NEW 105 DAY OROME® HYBRID**

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
4	2	2	1	3

- Exceptional drought tolerance
- Outstanding stalks and roots
- · Very good resistance to northern leaf blight
- · Excellent resistance to Goss's wilt
- Good performance east to west



DS-4580Q™

# **TOP-END YIELD POTENTIAL**

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
2	3	2	3	5

- Nice test weight and grain quality
- · Strong root package
- Outstanding resistance to Goss's wilt
- Performs best in higher yield environments





### TOP-END YIELD POTENTIAL

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
1	3	2	2	3

- · Showy, attractive hybrid
- · Shorter statured plant type
- · Rockets out of the ground
- · Best performance is in high yield environments



**DS-4917AM™** 

# **ELITE GRAIN QUALITY AND TEST WEIGHT**

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
3	2	2	2	5

- · High yield potential
- Strong stalks and roots
- · Nice look and plant stature
- · Early flowering for good northern movement



**DS-5018AM™**DS-5018C™

## PROVEN PERFORMANCE OVER YEARS

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
2	1	2	2	2

- · Late flowering, pushes south
- · Strong stalks and roots
- Solid drought tolerance
- Best performance is the eastern Corn Belt



**DS-5095AM™** 

# **NEW 110 DAY OPTIMUM® ACREMAX® HYBRID**

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
4	2	2	2	2

- Game-changing yield potential at this maturity
- · Solid all-around agronomics
- Big, chunky ears with high flex
- · Good foliar health for northern leaf blight, gray leaf spot and Goss's wilt





# **DS-51440**™

### LEADING SET OF GENETICS IN THIS MATURITY

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
2	2	3	2	1

- · Nice grain quality and test weight
- Stable performance across yield spectrum
- · Strong stalks
- Taller, upright plant type



**DS-51610**<sup>™</sup>

# **NEW 111 DAY QROME® HYBRID**

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
3	2	2	1	3

- Defensive stud to complement this maturity
- · Very nice test weight and grain quality
- · Great drought tolerance and toughness
- · Solid trifecta of strong stalks, roots and mid-season brittle stalk
- · White cob



# DS-5250AM™

## **HIGH-YIELDING SET OF GENETICS**

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
2	2	4	2	2

- · Excellent emergence and spring vigor
- · Nice grain quality and test weight
- Strong foliar health package
- Solid drought tolerance and toughness



# **DS-52790™** DS-5279C™

# CONSISTENT PERFORMANCE ACROSS ENVIRONMENTS

STRESS	STALK	ROOT	DROUGHT	GRAIN
EMERGENCE	STRENGTH	STRENGTH	TOLERANCE	DRYDOWN
2	2	4	2	3

- Very good drought tolerance and toughness
- · Good test weight and grain quality
- Strong stalks
- · Tough hybrid that can handle variable conditions



# DS-5383AM™

# **NEW 113 DAY OPTIMUM® ACREMAX® HYBRID**

STRESS EMERGENCE	STALK STRENGTH	ROOT STRENGTH	DROUGHT TOLERANCE	GRAIN DRYDOWN
2	2	2	2	4

- · High performance potential hybrid
- · Awesome test weight and grain quality
- · Strong stalks and roots
- · Huge ears with high flex
- · Good out of the ground



# DS-5510C™

# HIGH YIELD POTENTIAL

STRESS EMERGENCE	STALK STRENGTH	ROOT STRENGTH	DROUGHT TOLERANCE	GRAIN DRYDOWN
3	2	3	2	3

- Big, tall attractive plant type
- · Good stalks and roots
- · Nice grain quality and test weight
- · Consistent ears down the row

# TOP 5 FINISHES

FOR TONS PER ACRE, MILK PER TON, AND MILK PER ACRE IN 2021 UNIVERSITY TRIALS COMBINED



# SILAGE CHARACTERISTICS

	BRAND	TRAIT	SILAGE MATURITY	GDUS TO SILK	SILK RM	SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDF DIGESTIBILITY	STARCH	TEST WEIGHT	BEEF PER ACRE	BEEF PER TON	STRESS EMERGENCE	PLANT HEIGHT	EAR HEIGHT	EAR FLEX	STALK STRENGTH	ROOT STRENGTH	MID-SEASON BRITTLE STALK	DROUGHT TOLERANCE	NORTHERN LEAF BLIGHT	GRAY LEAF SPOT	GOSS'S WILT	TAR SPOT**
	HiDF-3044Q™	Q	90	1120	М	1	1	3	2	1	3	1	3	4	М	М	М	4	2	2	3	2	-	2	-
	HiDF-3522Q™	Q	95	1240	М	2	1	2	2	1	4	1	2	3	M/T	М	L	2	2	2	3	5	4	2	3
	HiDF-3197RA™	SXRA	97	1240	L	1	3	3	2	1	-	3	3	1	Т	Н	М	2	3	3	3	1	5	2	-
	HiDF-3855Q™	Q	98	1250	М	1	2	3	3	2	2	2	3	3	M/T	М	Н	3	3	3	2	2	4	1	3
GE	HiDF-4073Q™	Q	100	1250	Ε	1	2	3	3	1	2	2	3	3	M/T	М	М	3	3	5	2	2	5	1	2
ILA	HiDF-3802Q™	Q	102	1330	L	2	2	2	1	3	3	2	2	3	M/T	M/H	М	3	2	1	1	3	4	2	2
HIDF SILAGE	HiDF-4545Q™	Q	105	1370	L	1	1	2	1	1	2	1	2	3	M/T	М	Н	2	3	2	2	2	4	1	2
<del>'</del> Ξ	HiDF-3808RA™	SXRA	108	1450	Ε	1	3	5	2	3	-	3	5	1	Τ	Н	Н	2	3	2	2	1	1	2	-
	HiDF-4999Q™	Q	109	1370	М	2	2	2	1	1	2	2	2	3	М	М	Н	2	2	4	2	2	3	2	2**
	HiDF-5000Q™	0	110	1400	М	2	2	3	1	2	2	2	3	2	М	М	Н	2	4	3	2	2	3	2	3**
	HiDF-3211RA™	SXRA	111	1400	Ε	1	1	1	2	1	4	-	-	1	M/T	Н	М	2	2	1	2	2	2	3	3**
	HiDF-5202Q™	Q	112	1420	М	2	3	2	1	2	1	3	2	4	М	М	М	4	2	2	1	2	4	1	2**
	DS-2350RR™	RR	83	1090	L	1	1	2	2	1	4	1	2	3	М	М	L	2	2	2	1	3	-	2	-
	DS-3162Q™	Q	89	1180	L	3	3	4	4	2	4	3	4	3	M/T	М	М	2	2	4	2	1	-	2	-
	DS-3022AM™	AM	90	1120	М	1	1	3	2	1	3	1	3	4	М	М	М	4	2	2	3	2	-	2	-
	DS-36010™ DS-3601AM™	0 AM	94	1210	М	2	3	3	3	2	3	3	3	2	М	М	Н	3	4	3	2	2	4	1	3
	DS-3900AM™	AM	97	1250	М	1	2	3	3	2	2	2	3	3	M/T	М	Н	3	3	3	2	2	4	1	3
GE	DS-4018AMXT™ DS-4018AM™	AMXT AM	98	1280	L	2	1	2	1	3	2	1	2	3	М	М	М	3	2	3	1	3	4	2	2**
SILA	DS-4318AM™	AM	102	1320	L	3	3	3	2	1	3	3	3	3	М	М	М	2	2	4	2	3	3	2	3
SE	DS-4440AMXT™	AMXT	102	1310	М	3	2	2	2	1	3	2	2	3	М	М	L	2	3	3	1	2	3	1	2
DUAL PURPOSE SILAGE	DS-4510Q <sup>™</sup> DS-4510C <sup>™</sup>	Ç	102	1260	Е	1	2	3	1	1	3	2	3	2	М	М	М	2	3	4	1	3	4	1	3
JAL	DS-4329AM™	AM	103	1330	L	2	2	2	1	3	3	2	2	3	M/T	M/H	М	3	2	1	1	3	4	2	2
1	DS-4567Q™	0	103	1280	Ε	3	2	2	1	1	3	2	2	4	М	М	L	2	2	2	1	2	4	1	-
	DS-4878Q™ DS-4878AM™	Q AM	106	1320	М	2	2	3	1	1	2	2	3	1	M/S	М	Н	3	2	4	2	4	3	2	3
	DS-5095AM™	AM	108	1380	М	2	2	2	2	1	2	2	2	4	М	М	Н	2	2	2	2	2	3	2	2**
	DS-5144Q™	Q	109	1390	М	2	2	3	1	1	1	2	3	2	М	М	Н	2	3	1	2	3	3	1	3**
	DS-5250AM™	AM	110	1400	М	2	2	3	1	2	2	2	3	2	М	М	Н	2	4	3	2	2	3	2	3**
	DS-52790™ DS-5279C™	C	110	1370	Ε	2	2	2	1	1	2	2	2	2	M/T	М	М	2	4	2	2	3	3	1	3**

SILAGE

# SILAGE CHARACTERISTICS

	BRAND	TRAIT	BOVALTA" BMR SILAGE	SILAGE MATURITY	GDUS TO SILK	SILK RM	SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDF DIGESTIBILITY*	STARCH	BEEF PER ACRE	BEEF PER TON	STRESS EMERGENCE	PLANT HEIGHT	EAR HEIGHT	EAR FLEX	ROOT STRENGTH	MID-SEASON BRITTLE STALK	DROUGHT TOLERANCE	NORTHERN LEAF BLIGHT	GRAY LEAF SPOT	GOSS'S WILT
	DB-3633SE™	SXE		93	-	М	3	3	1	В	3	3	1	1	Τ	Н	М	4	2	3	5	3	2
	DB-3722Q™	Q	Yes	97	1300	L	3	2	1	В	1	2	1	3	М	М	-	3	2	-	3	4	2
ĢE	BMR-3899RA™	SXRA		99	1270	Ε	3	3	1	В	1	3	1	3	M/T	M/H	М	3	2	4	4	5	5
ILA	DB-4022Q™	Q	Yes	100	1270	L	3	2	1	В	2	2	1	3	M/S	М	-	2	2	-	5	4	2
BMR SILAGE	DB-4311AMXT™	AMXT		103	1340	L	3	3	2	В	2	3	2	2	М	М	-	4	1	2	3	4	2
8	DB-4522Q™	Q	Yes	105	1240	Ε	3	2	2	В	2	2	2	2	М	М	-	2	2	-	2	3	2
	BMR-3508RA™	SXRA		108	1360	М	3	3	2	В	3	3	2	3	Τ	Н	М	3	1	4	3	4	5
	DB-5211AMXT™	AMXT		112	1450	L	3	3	1	В	-	3	1	2	M/T	M/H	-	2	-	2	3	3	3

\*BMR hybrids are 6-8 points higher NDFD30 compared to non-BMR corn silage hybrid checks. Corteva Agriscience. Research studies of NDFD. Data on file, 2021.

Q = Qrome®

AMXT = Optimum® AcreMax® XTreme

AM = Optimum® AcreMax®

SXRA = SmartStax® Refuge Advanced®

SXE = SmartStax® Enlist®

RR = Roundup Ready® Corn 2

C = Conventional

### **RATING SCALE**

Rated 1 to 9, 1 = Excellent; — = Not rated; Red products = New for 2023

NOTE: Ratings are based on replications of data generated by Dairyland Seed and Corteva Agriscience. These ratings serve as a guide for selection and management of products. Individual product responses may vary depending on growing environment.

### \*\*TAR SPOT RATING (HIDF + DUAL PURPOSE)

Ratings denoted with a double asterisk (\*\*) reflect preliminary data subject to change when additional data becomes available.

### CODES

L = Late or Low E = Early

S = Short

M/S = Medium/Short M = Medium

H = High

M/H = Medium/High M/T = Medium/Tall

M/L = Medium/Low

T = Tall

HiDF-30440,™ HiDF-35220,™ HiDF-38550,™ HiDF-40730,™ HiDF-45450,™ HiDF-4999,™ HiDF-5000,™ and HiDF-52020,™

HIDF NUMBERING SYSTEM

**Relative Maturity** (add 60 for the maturity) EX. 45 = 105 RM

Randomly **Assigned** 

HiDF- 45 45 0

**Genetic Family** 

**Trait Identification** 

Orome®

# PREVIOUS NUMBERING SYSTEM

HiDF-3197RA™ HiDF-3802Q™ HiDF-3808RA™ and HiDF-3211RA™

**Randomly Assigned** 

**HiDF Designation** 

**Maturity** 

HiDF-38020

**Genetic Family** 

**Trait Identification** 

0 Orome®

RA SmartStax® Refuge Advanced®





# **HiDF-3044Q™**

### PROVIDES EXTENDED CHOPPING WINDOW

SILAGE MILK MILK YIELD PER TON NDFD STARCH PER ACRE 1 1 3 2 1

- · Excellent fiber digestibility
- · Features high starch content and tonnage
- · Strong foliar health package
- Excellent performance pushing north

**HiDF-3522Q™** 

# **HUGE TONNAGE POTENTIAL**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
2	1	2	2	1

- · Soft kernel texture
- · Taller, robust plant type
- Tough, rugged hybrid that can handle variable conditions
- · Recommend fungicide for northern leaf blight

# HiDF-3197RA™

# **ELITE OVER YEAR PERFORMANCE**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
1	3	3	2	1

- Very good foliar health package, including northern leaf blight
- · Strong NDFd scores
- · Features high starch content and soft kernel texture
- · High tonnage potential

HiDF-3855Q™

# **NEW 98 DAY QROME® SILAGE HYBRID**

1	<b>2</b>	3	3	2
SILAGE	MILK PER ACRE	MILK PER TON	NDFD	STARCH

- Elite HiDF silage hybrid for this maturity, tall, showy plant type
- · Shows huge tonnage potential and solid digestibility
- · Can move west with good mid-season brittle stalk and strong Goss's wilt
- · Nice drought tolerance and toughness
- · Big, chunky ears with high flex

# HiDF-40730™

# HIGH TONNAGE POTENTIAL

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
1	2	3	3	1

- Tough rugged hybrid with strong drought tolerance
- · Solid resistance to northern leaf blight
- · Very showy, attractive plant type
- Caution moving west of I-35 in Minnesota



# HiDF-3802Q™

# LEAD PRODUCT, MUST PLANT FOR THIS MATURITY

SILAGE	MILK PER ACRE	MILK	NDED	CTADOU
YIELD	PER AURE	PER TON	NDFD	STARCH
2	2	2	1	3

- · Rare combination of elite tonnage and digestibility
- · Very high starch content with soft kernel texture
- · Performs east to west
- Big, thick plant type
- Excellent choice for high moisture corn



# **HiDF-45450™**

# **GREAT COMBINATION OF TONNAGE AND QUALITY**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
1	1	2	1	1

- · Tough hybrid that can handle variable conditions
- Good performance across our geography
- Tall and thick with big flex ears
- · Very good drought tolerance



# HiDF-3808RA™

# HIGH TONNAGE HYBRID FEATURES GIRTHY, FLEX EAR

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
1	3	5	2	3

- · Responds to high fertility
- High starch content
- Strong NDFd scores
- · Extremely soft kernel



# **HiDF-49990™**

## HIGH-END TONNAGE POTENTIAL

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
2	2	2	1	1

- · Very strong fiber digestibility
- · Features high starch content
- · Can be used for high moisture corn
- Prefers high-fertility environments and moderate populations



ALL THE PRODUCTS. ALL THE DATA. DAIRYLANDSEED.COM



# **NEW 110 DAY QROME® SILAGE HYBRID**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
2	2	3	1	2

- · Good combination of tonnage, starch and digestibility
- · Tough hybrid with solid drought tolerance
- Strong foliar health package
- · Quick out of the ground
- · High flex ears





# HiDF-3211RA™

# PROVEN OVER YEAR PERFORMANCE

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
1	1	1	2	1

- · Big, thick plant type
- Tough, rugged hybrid that can handle variable conditions
- · Excellent starch content
- Huge, girthy, flex ear with soft, doughy kernels
- Strong foliar health package

**HiDF-52020**™

# CONSISTENT PERFORMANCE ACROSS ENVIRONMENTS

SILAGE	MILK	MILK	NDED	OTADOU
YIELD	PER ACRE	PER TON	NDFD	STARCH
2	3	2	1	2

- · Very good digestibility
- Features very high starch content
- · Makes pretty silage with big flex ears
- · Wide area of adaptation, pushes both north and south

(800) 236-0163

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# PERFORMANCE.

# WHAT'S LEFT TO SAY?

BRAND	RANK	2021 TRIAL	ZONE	LOCATION	YIELD1	SILAGE Attribute	PLOT Average	ADV.
	1 of 10	Michigan State University	Zone 4 - Early	losco/Missaukee/Presque Isle	3,672	M/T	3,569	103
	1 of 10	Michigan State University	Zone 4 - Early	losco	3,733	M/T	3,618	115
HiDF-3044Q™	1 of 10	Michigan State University	Zone 4 - Early	Missaukee	3,713	M/T	3,642	71
	1 of 10	Michigan State University	Zone 4 - Early	Presque Isle	3,568	M/T	3,446	122
	1 of 10	Michigan State University	Zone 4 - Early	losco	33,257	M/A	31,487	1,770
	1 of 29	University of Wisconsin	North Central - Early	3-Location Average	3,360	M/T	3,230	130
	2 of 10	Michigan State University	Zone 4 - Early	losco	9.0	T/A	8.7	0.3
HiDF-3522Q™	2 of 10	Michigan State University	Zone 4 - Early	Presque Isle	10.6	T/A	10.1	0.5
	2 of 10	Michigan State University	Zone 4 - Early	losco/Missaukee/Presque Isle	33,134	M/A	31,928	1,206
	3 of 10	Michigan State University	Zone 4 - Early	losco/Missaukee/Presque Isle	9.3	T/A	8.9	0.3
	1 of 23	University of Minnesota	Central Zone Early	Hutchinson	9.7	T/A	8.6	1.1
	2 of 23	University of Minnesota	Central Zone Early	Hutchinson	29,794	M/A	24,872	4,922
	2 of 29	University of Wisconsin	North Central - Early	3-Location Average	3,330	M/T	3,230	100
	2 of 29	University of Wisconsin	North Central - Early	3-Location Average	36,700	M/A	33,400	3,300
	1 of 29	University of Wisconsin	Northern	4-Location Average	10.2	T/A	9.2	1.0
U:DE /0770™	1 of 29	University of Wisconsin	Northern	4-Location Average	33,200	M/A	29,700	3,500
HiDF-4073Q™	1 of 17	Michigan State University	Zone 1 - Early	Branch	11.4	T/A	9.9	1.5
	1 of 17	Michigan State University	Zone 1 - Early	Branch	40,750	M/A	34,583	6,167
	1 of 17	Michigan State University	Zone 1 - Early	Branch/Lenawee/Wood	37,435	M/A	35,041	2,394
	2 of 17	Michigan State University	Zone 1 - Early	Branch/Lenawee/Wood	3,625	M/T	3,537	88
	1 of 22	Michigan State University	Zone 2-3 - Early	Huron/Ingham/Ottawa	3,727	M/T	3,608	119
	2 of 22	Michigan State University	Zone 2-3 - Early	Huron/Ingham/Ottawa	34,342	M/A	31,827	2,515
	1 of 20	University of Minnesota	SE Zone Early	Waseca	12.2	T/A	10.6	1.6
	1 of 20	University of Minnesota	SE Zone Early	Waseca	3,076	M/T	2,951	125
	1 of 20	University of Minnesota	SE Zone Early	Waseca	37,404	M/A	31,450	5,954
HiDF-4545Q™	2 of 20	University of Minnesota	SE Zone Early	Rochester	3,126	M/T	3,002	124
	3 of 17	Michigan State University	Zone 1 - Early	Branch/Lenawee/Wood	10.2	T/A	9.8	0.4
	3 of 17	Michigan State University	Zone 1 - Early	Branch/Lenawee/Wood	36,693	M/A	35,041	1,652
	4 of 17	Michigan State University	Zone 1 - Early	Branch/Lenawee/Wood	3,588	M/T	3,537	51
	1 of 19	University of Minnesota	SE Zone Late	Waseca	11.9	T/A	11.0	0.9
	2 of 19	University of Minnesota	SE Zone Late	Waseca	36,288	M/A	33,451	2,837
	2 of 29	University of Wisconsin	Southern - Early	2-Location Average	12.4	T/A	11.5	0.9
	2 of 29	University of Wisconsin	Southern - Early	2-Location Average	42,500	M/A	38,500	4,000
HIDE (COCCIM	1 of 17	Michigan State University	Zone 1 - Early	Branch/Lenawee/Wood	10.4	T/A	9.8	0.6
HiDF-4999Q™	2 of 17	Michigan State University	Zone 1 - Early	Branch/Lenawee/Wood	37,348	M/A	35,041	2,307
	3 of 17	Michigan State University	Zone 1 - Early	Branch/Lenawee/Wood	3,616	M/T	3,537	79
	1 of 20	Michigan State University	Zone 2-3 - Late	Huron/Ingham/Ottawa	34,580	M/A	32,703	1,877
	2 of 20	Michigan State University	Zone 2-3 - Late	Huron/Ingham/Ottawa	9.5	T/A	9.1	0.4
	3 of 20	Michigan State University	Zone 2-3 - Late	Huron/Ingham/Ottawa	3,645	M/T	3,588	56
	1 of 19	University of Minnesota	SE Zone Late	Waseca	11.9	T/A	11.0	0.9
LUDE ECONOMI	1 of 19	University of Minnesota	SE Zone Late	Waseca	37,077	M/A	33,451	3,626
HiDF-5202Q™	3 of 24	University of Wisconsin	Southern - Late	2-Location Average	3,370	M/T	3,290	80
	2 of 15	Michigan State University	Zone 1 - Late	Branch/Lenawee/Wood	3,553	M/T	3,520	33

<sup>1.</sup> The foregoing is provided for informational use only. Please contact your Dairyland Seed sales professional for information and suggestions specific to your operation. Product performance is variable and depends on many factors, such as moisture and heat stress, soil type, management practices, and environmental stress, as well as disease and pest pressures. Individual results may vary.





# DS-2350RR™

# HIGH TONNAGE POTENTIAL PRODUCT FOR MATURITY

SILAGE MILK MILK YIELD PER ACRE PER TON NDFD STARCH 1 1 2 2 1

- Pushes north well
- High starch content
- · Excellent drought tolerance
- · Solid foliar health package

DS-3162Q™

# TALLER PLANT TYPE WITH VERY GOOD TONNAGE POTENTIAL

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
3	3	4	4	2

- Strong foliar health package
- · Very good fiber digestibility
- · Provides long harvest window
- · Pushes north very well



**DS-3022AM™** 

# **HUGE TONNAGE POTENTIAL**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
1	1	3	2	1

- · Very good foliar health package
- · Responds to high management
- Strong fiber digestibility
- · Performs best in higher yield environments



DS-36010<sup>™</sup>



SILAGE MILK YIELD PER ACRE PER TON NDFD STARCH 2 3 3 3 2

**GOOD TOUGH HYBRID THAT PERFORMS EAST TO WEST** 

- · High tonnage potential
- · Features big chunky flex ear
- · Can handle stress and variable soils
- · Strong emergence and early vigor

DS-3900AM™

# **HUGE TONNAGE POTENTIAL**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
1	2	3	3	2

- · Solid fiber digestibility
- Good starch content
- · Can handle stress and variable soils
- · Great performance across all of our geography



### SIGNIFICANT TONNAGE CAPACITY

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
2	1	2	1	3

- · Good fiber digestibility
- Favorable starch content
- · Can handle stress and variable soils
- · Performs across all of our geography



# **DS-4318AM™**

### **VERY GOOD TONNAGE POTENTIAL**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
3	3	3	2	1

- Strong NDFd scores
- Taller plant with full canopy
- · Features soft kernel texture
- Tough hybrid that can handle variable conditions



# DS-4440AMXT™

## **VERSATILE HYBRID THAT PROVIDES END USE OPTIONS**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
3	2	2	2	1

- Strong foliar health package
- Tough, rugged hybrid that can handle variable conditions
- Outstanding drought tolerance
- · Very good tonnage potential



**DS-45100™** DS-4510C™

# **GAME-CHANGING TONNAGE AT THIS MATURITY**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
1	2	3	1	1

- Elite drought tolerance, can handle tough environments
- Strong emergence and early vigor
- · High starch content
- Best performance is east of I-35





# **DS-4329AM™**

### STRONG TONNAGE POTENTIAL

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
2	2	2	1	3

- · Features big, girthy ears
- Very good starch content
- · Versatile choice for grain or silage
- · Performs east to west



# **ELITE DROUGHT TOLERANCE FOR TOUGHNESS**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
3	2	2	1	1

- · Awesome fiber digestibility
- · Versatile choice for grain or silage
- High starch content
- · Can handle variable conditions



DS-48780<sup>TM</sup>

## **TOP-END TONNAGE POTENTIAL**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
2	2	3	1	1

- · Showy, attractive hybrid
- · High starch content
- · Rockets out of the ground
- · Strong fiber digestibility



**DS-5095AM™** 

# **GREAT TONNAGE POTENTIAL**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
2	2	2	2	1

- Strong fiber digestibility
- · Big chunky ears with high flex
- Features nice foliar health package
- · Tough, rugged hybrid



DS-5144Q™

# **VERY GOOD TONNAGE POTENTIAL**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
2	2	3	1	1

- · Strong emergence and early vigor
- Very good starch and quality numbers
- · Performs across our entire geography
- · Taller, upright plant type





# CARRIES MORE WEIGHT THAN WORDS.

BRAND	RANK	2021 TRIAL	ZONE	LOCATION	YIELD1	SILAGE ATTRIBUTE	PLOT AVERAGE	ADV.
	3 of 22	Michigan State University	Zone 2-3 - Early	Huron/Ingham/Ottawa	3,661	M/T	3,608	53
	5 of 29	University of Wisconsin	Northern	4-Location Average	9.6	T/A	9.2	0.4
DS-3162Q™	5 of 29	University of Wisconsin	Northern	4-Location Average	3,270	M/T	3,220	50
	5 of 29	University of Wisconsin	Northern	4-Location Average	31,200	M/A	29,700	1,500
	1 of 31	University of Wisconsin	North Central - Late	Valders	11.7	T/A	10.5	1.2
DS-4318AM™	2 of 31	University of Wisconsin	North Central - Late	3-Location Average	37,800	M/A	34,400	3,400
	3 of 31	University of Wisconsin	North Central - Late	3-Location Average	11.4	T/A	10.6	0.8
DO / / / OAMTM	3 of 25	University of Wisconsin	South Central - Early	2-Location Average	39,300	M/A	36,600	2,700
DS-4440AM™	3 of 25	University of Wisconsin	South Central - Early	2-Location Average	3,390	M/T	3,260	130
DO / 5100TM	3 of 20	Michigan State University	Zone 2-3 - Late	Huron/Ingham/Ottawa	9.4	T/A	9.1	0.2
DS-4510Q™	3 of 20	Michigan State University	Zone 2-3 - Late	Huron/Ingham/Ottawa	33,735	M/A	32,703	1,032
	1 of 24	University of Wisconsin	South Central - Late	2-Location Average	42,100	M/A	37,800	4,300
	2 of 24	University of Wisconsin	South Central - Late	2-Location Average	12.5	T/A	11.7	0.8
DS-4878AM™	4 of 24	University of Wisconsin	South Central - Late	2-Location Average	3,370	M/T	3,230	140
	2 of 29	University of Wisconsin	Southern - Early	2-Location Average	12.4	T/A	11.5	0.9
	4 of 29	University of Wisconsin	Southern - Early	2-Location Average	41,900	M/A	38,500	3,400
	1 of 15	Michigan State University	Zone 1 - Late	Branch/Lenawee/Wood	3,616	M/T	3,520	96
	3 of 15	Michigan State University	Zone 1 - Late	Branch/Lenawee/Wood	37,948	M/A	35,752	2,196
DS-5144Q™	4 of 15	Michigan State University	Zone 1 - Late	Branch/Lenawee/Wood	10.6	T/A	10.1	0.5
	4 of 29	University of Wisconsin	Southern - Early	2-Location Average	12.3	T/A	11.5	0.8
	5 of 29	University of Wisconsin	Southern - Early	2-Location Average	41,400	M/A	38,500	2,900
	3 of 29	University of Wisconsin	Southern - Early	2-Location Average	42,400	M/A	38,500	3,900
DS-5279Q™	4 of 29	University of Wisconsin	Southern - Early	2-Location Average	12.3	T/A	11.5	0.8
	4 of 29	University of Wisconsin	Southern - Early	2-Location Average	3,460	M/T	3,350	110

<sup>1.</sup> The foregoing is provided for informational use only. Please contact your Dairyland Seed sales professional for information and suggestions specific to your operation. Product performance is variable and depends on many factors, such as moisture and heat stress, soil type, management practices, and environmental stress, as well as disease and pest pressures. Individual results may vary



# **DS-5250AM™**

# GOOD COMBINATION OF TONNAGE, STARCH AND DIGESTIBILITY

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
2	2	3	1	2

- Tough hybrid with good drought tolerance
- Strong foliar health package
- · Quick out of the ground
- · High flex ears



DS-52790™

# **EXCELLENT TONNAGE POTENTIAL**

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
2	2	2	1	1

- · High starch content
- Tough, rugged hybrid that can handle variable conditions
- · Very good drought tolerance
- · Performs very well east to west





# **DB-3633SE™**

# PROVIDES EXCELLENT FIBER DIGESTIBILITY

SILAGE MILK MILK YIELD PER TON NDFD STARCH PER ACRE 3 3 1 3 В

- · Tall, upright plant type
- · Good northern movement
- Excellent early season growth and emergence

# DB-3722Q™

# NEW 97 DAY BOVALTA™ BMR SILAGE HYBRID

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
3	2	1	В	1

 Adds huge tonnage potential to our BMR lineup



- · Competitive fiber digestibility
- Improved starch content vs BMR-3597RA™
- · Nice visual appeal

# BMR NUMBERING SYSTEM

DB-3633SE;™ DB-3722Q;™ DB-4022Q;™ DB-4311AMXT;™ DB-4522Q;™ and DB-5211AMXT;™

**Relative Maturity** (add 60 for the maturity)

EX. 43 = 103 RM

Randomly **Assigned** 

**Dairyland Seed** BMR

Genetic **Family** 

# **Trait Identification**

Orome® 0

SE SmartStax® Enlist®

Optimum® AcreMax® XTreme

# PREVIOUS NUMBERING SYSTEM

BMR-3899RA™ and BMR-3508RA™

\*BMR hybrids are 6–8 points higher NDFD30 compared to non-BMR corn silage hybrid checks. Corteva Agriscience. Research studies of NDFD. Data on file, 2021.



# BMR-3899RA™

# CARRIES EXCELLENT FIBER DIGESTIBILITY

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
3	3	1	В	1

- Stable, high-performing BMR genetics
- · Pushes north very well
- Prefers deep soils and high-fertility environments
- Shows favorable response to fungicide application



DB-4022Q™

# NEW 100 DAY BOVALTA™ BMR SILAGE HYBRID

SILAGE	MILK	MILK	NDED	OTADOU
YIELD	PER ACRE	PER TON	NDFD	STARCH
3	2	1	В	2

- · Adds huge tonnage potential to our BMR lineup
  - **Bovalta**
- · Competitive fiber digestibility
- · Good starch content
- · Moderate stature for a silage hybrid



# DB-4311AMXT™

### **VERY GOOD FIBER DIGESTIBILITY**

SILAGE	MILK PER ACRE	MILK PER TON	NDFD	STARCH
3	3	<b>2</b>	В	<b>2</b>

- · Can crank out high tonnage
- · Exhibits very good toughness for BMR
- · Performs very well east to west



DB-45220™

# NEW 105 DAY BOVALTA™ BMR SILAGE HYBRID

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
3	2	2	В	2

Bovalta

- · Strong fiber digestibility
- Excellent tonnage potential
- · Good starch content
- Nice foliar health package
- · Flowers early and can push north of maturity



# BMR-3508RA™

## AWESOME SILAGE GENETICS

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
3	3	2	В	3

- Features extremely high NDFd scores
- · Widely adapted across the midwest
- Good foliar health package for BMR
- · Big, thick, dark green plant type



# DB-5211AMXT

# STRONG EMERGENCE AND EARLY VIGOR

SILAGE YIELD	MILK PER ACRE	MILK PER TON	NDFD	STARCH
3	3	1	В	_

- Good toughness for BMR
- · Very good fiber digestibility
- · Solid foliar health package for BMR
- · High tonnage potential for BMR



# TAKE YOUR SILAGE TO

Introducing Bovalta™ BMR, a brand-new corn silage from Corteva Agriscience that raises the standard for what farmers care about most in their BMR hybrids.

- High starch content and the highest level of fiber digestibility compared to non-BMR hybrids
- Outstanding performance in yield and tonnage, plant health, pest and disease resistance, root health and standability, emergence and vigor and drought tolerance
- Potential to enhance revenue through high fiber digestibility, greater milk yield potential and additional tonnage potential

# TOP 5 FINISHES

IN 2021 F.I.R.S.T. AND UNIVERSITY TRIALS COMBINED



### SOYBEAN CHARACTERISTICS

	BRAND	TRAIT	RELATIVE MATURITY	SOYBEAN CYST NEMATODE (SCN) SOURCE	BROWN STEM ROT	PHYTOPHTHORA ROOT ROT (PRR) GENE	PRR TOLERANCE	IRON DEFICIENCY CHLOROSIS (IDC)	WHITEMOLD	SUDDEN DEATH SYNDROME (SDS)	FROGEYE LEAF SPOT	EMERGENCE	CANOPY WIDTH	PLANT HEIGHT	HARVEST STANDABILITY
	DSR-0220E™	Enlist E3	0.2	PI88788	MS	1K	3	3	3	4	-	2	М	M-S	3
	DSR-0645E™	Enlist E3	0.4	PI88788	HT	3A	-	2	4	5	-	4	F-B	M-T	3
	DSR-0660E™	Enlist E3	0.6	PI88788	MS	-	4	3	3	-	-	3	M-B	M-S	3
	DSR-0757E™	Enlist E3	0.7	-	MS	10	3	3	2	6	-	3	M-B	M-S	3
	DSR-0847E™	Enlist E3	0.8	-	MS	1C	3	3	5	6	-	3	M-B	M-S	4
	DSR-0920E™	Enlist E3	1.1	PI88788	MS	-	1	3	5	6	-	3	М	M-T	3
	DSR-1121E™	Enlist E3	1.1	PI88788	HT	-	3	3	3	-	-	4	M-B	M-S	3
	DSR-1290E™	Enlist E3	1.1	PI88788	MS	-	2	3	4	5	-	3	М	M-T	3
	DSR-1318E™	Enlist E3	1.3	PI88788	MS	1C	3	3	5	6	-	3	M-B	M-T	3
	DSR-1450E™	Enlist E3	1.4	PI88788	MS	-	3	3	5	6	-	2	М	M-S	3
	DSR-1505E™	Enlist E3	1.5	PI88788	HT	1K	3	3	2	2	-	3	М	S	3
	DSR-1673E™	Enlist E3	1.6	PI88788	MT	1K	3	3	4	6	-	3	M-N	M-S	3
SN	DSR-1820E™	Enlist E3	1.8	PI88788	MS	1K	3	2	3	4	-	2	М	S	3
BEA	DSR-1919E™	Enlist E3	1.9	Peking	MT	1K	4	3	3	3	-	2	F-B	M-T	3
ENLIST E3® SOYBEANS	DSR-2030E™	Enlist E3	1.9	PI88788	MS	1C,3A	-	2	6	4	-	3	F-B	S	4
®	DSR-2040E™	Enlist E3	2.0	PI88788	MS	1K	3	3	5	6	-	2	М	S	3
STE	DSR-2188E™	Enlist E3	2.1	Peking	MT	1K	4	2	4	4	1	2	М	M-T	3
N	DSR-2112E™	Enlist E3	2.2	PI88788	HT	-	2	4	4	6	-	3	М	M-T	3
ш	DSR-2222E™	Enlist E3	2.2	PI88788	HT	1C,3A	-	4	5	4	-	3	М	M-S	3
	DSR-2424E™	Enlist E3	2.4	Peking	MS	1K	2	2	5	5	-	3	M-B	M-T	3
	DSR-2562E™	Enlist E3	2.5	PI88788	HT	1K	3	5	3	1	6	3	М	M-S	2
	DSR-2640E™	Enlist E3	2.6	PI88788	HT	1K	3	3	5	4	2	3	M-B	M-S	3
	DSR-2717E™	Enlist E3	2.7	Peking	MT	1K	5	3	5	4	2	4	М	M-S	4
	DSR-2999E™	Enlist E3	3.0	PI88788	MS	1K	3	5	5	5	1	3	М	M-S	3
	DSR-3177E™	Enlist E3	3.1	PI88788	MS	1C	2	4	5	4	1	2	М	M-T	4
	DSR-3365E™	Enlist E3	3.2	PI88788	MS	1C	1	4	5	4	1	2	M-B	M-T	4
	DSR-3256E™	Enlist E3	3.3	PI88788	MS	-	3	4	5	4	6	4	M-B	M-S	4
	DSR-3499E™	Enlist E3	3.4	Peking	MT	1K	5	4	6	4	1	3	M-B	M-T	4
	DSR-3587E™	Enlist E3	3.5	PI88788	HT	1K	2	4	4	4	5	2	М	M-S	3
	DSR-3738E™	Enlist E3	3.7	PI88788	MT	-	1	4	5	4	1	3	М	S	4
	DSR-3903E™	Enlist E3	3.9	PI88788	НТ	1K	3	3	-	4	6	3	M-N	M-T	3

	BRAND	TRAIT	RELATIVE Maturity	SOYBEAN CYST NEMATODE (SCN) SOURCE	BROWN STEM ROT	PHYTOPHTHORA ROOT ROT (PRR) GENE	PRR TOLERANCE	IRON DEFICIENCY CHLOROSIS (IDC)	WHITEMOLD	SUDDEN DEATH SYNDROME (SDS)	FROGEYE LEAF SPOT	EMERGENCE	CANOPY WIDTH	PLANT HEIGHT	HARVEST STANDABILITY
AL	DSR-2023™	Conv.	2.0	PI88788	HT	10	3	3	5	4	-	3	М	M-T	3
NOI	DSR-2502™	Conv.	2.5	-	MT	1K	4	3	2	3	-	2	М	M-S	3
ENT	DSR-2830™	Conv.	2.8	PI88788	HT	1C	5	4	3	4	5	2	M-B	M-T	4
CONV	DSR-3001™	Conv.	3.0	PI88788	HT	1C	4	4	4	3	1	3	М	M-T	4
ວ	DSR-3200™	Conv.	3.2	PI88788	MS	1A	1	5	6	4	-	3	M-B	-	-

Enlist E3 = Enlist E3®

Conv. = Conventional

#### **RATING SCALE**

Rated 1 to 9, 1 = Excellent; — = Not rated; Red products = New for 2023

NOTE: Ratings are based on replications of data generated by Dairyland Seed and Corteva Agriscience. These ratings serve as a guide for selection and management of products. Individual product responses may vary depending on growing environment.

#### **CODES** Brown Stem Rot

HT = Highly Tolerant

MT = Moderately Tolerant

MS = Moderately Susceptible

#### **Canopy Width**

F-B = Full-Bush M-B = Medium-Bush

M = Medium

M-N = Medium-Narrow

N = Narrow

#### **Plant Height**

T = Tall

M-T = Medium-Tall

M = Medium

M-S = Medium-Short

S = Short

# **NEXT GENERATION** DAIRYLAND SEED BRAND ENLIST E3<sup>®</sup> SOYBEANS.

Unique Corteva Agriscience Genetics

Proven **Performance** 

**Improved** Agronomic Characteristics







Contact your Dairyland Seed rep to unleash your yield potential. Or see more at DairylandSeed.com



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### SOYBEAN NUMBERING SYSTEM

**Randomly Assigned** 

**DSR-2562 E**<sup>™</sup>

**Sub Maturity** Group

**Trait Identification** 

Ε Enlist E3®

IF IT DOESN'T | '



**Maturity** 

Group

# IT DOESN'T MATTER.

BRAND	RANK	2021 TRIAL*	ZONE	LOCATION	STATE	YIELD <sup>1</sup>	PLOT Average	ADV.
DSR-0645E™	5 of 71	F.I.R.S.T.	Red River Central - All	East Grand Forks	MN	73.7	65.5	8.2
	1 of 58	North Dakota State University	_	Carrington Dryland	ND	33.3	26.2	7.1
	1 of 71	F.I.R.S.T.	Red River Central - All	Georgetown	MN	66.4	59.2	7.2
DSR-0847E™	1 of 37	F.I.R.S.T.	Minnesota North Central - Early	Royalton	MN	57.3	41.4	15.9
	1 of 37	F.I.R.S.T.	Minnesota North Central - Early	Summary	MN	57.3	41.4	15.9
	1 of 12	South Dakota State University	Group O	South Shore	SD	72.8	67.4	5.4
	2 of 44	F.I.R.S.T.	Red River South - Early	Litchville	ND	78.9	72.0	6.9
DSR-0920E™	2 of 44	F.I.R.S.T.	Red River South - Early	Milnor	ND	78.7	73.4	5.3
	3 of 39	North Dakota State University	_	Barnes County Dazey	ND	49.4	42.9	6.5
	4 of 44	F.I.R.S.T.	Red River South - Early	Summary	ND/MN	70.3	67.2	3.1
DOD 1000FIM	1 of 43	F.I.R.S.T.	Red River South - Full	Summary	ND/MN	75.5	68.7	6.8
DSR-1290E™	2 of 39	North Dakota State University	-	Barnes County Dazey	ND	50.1	42.9	7.2
	1 of 67	Michigan State University	Central Early	4-Location Average	MI	79.1	72.2	6.9
DOD 1/ FOETM	2 of 70	University of Wisconsin	North Central Region	Menomonie	WI	85	77	8
DSR-1450E™	2 of 43	F.I.R.S.T.	Red River South - Full	Summary	ND/MN	74.8	68.7	6.1
	3 of 33	South Dakota State University	Group 1	South Shore	SD	75.6	69.1	6.5
DOD 1000FIM	2 of 22	South Dakota State University	Group O-I	Bancroft	SD	67.7	60.7	7.0
DSR-1820E™	2 of 52	F.I.R.S.T.	Minnesota South Central - Early	Nerstrand	MN	78.7	72.9	5.8
DSR-2424E™	1 of 26	South Dakota State University	Group 2	Mt. Vernon	SD	55.5	49.9	5.6
DSR-2640E™	6 of 95	University of Wisconsin	Southern Region	Arlington	WI	91	84	7
DOD 7177FIM	1 of 46	Michigan State University	Central Late	Sanilac	MI	80.9	70.8	10.1
DSR-3177E™	1 of 72	F.I.R.S.T.	Indiana North - All	Remington	IN	65.9	57.8	8.1
DSR-3256E™	4 of 72	F.I.R.S.T.	Indiana North - All	Remington	IN	64.6	57.8	6.8
ח9ג-9520	4 of 72	F.I.R.S.T.	Indiana North - All	LaFontaine	IN	57.0	51.0	6.0
DSR-3365E™	3 of 71	F.I.R.S.T.	Indiana Central - All	Summary	IN	64.8	60.7	4.1

<sup>\*</sup>No product recommendation by F.I.R.S.T. is implied

<sup>1.</sup> The foregoing is provided for informational use only. Please contact your Dairyland Seed sales professional for information and suggestions specific to your operation. Product performance is variable and depends on many factors, such as moisture and heat stress, soil type, management practices, and environmental stress, as well as disease and pest pressures. Individual results may vary.





SCN DSR-0220E™

#### **NEXT GEN DAIRYLAND SEED BRAND ENLIST E3® SOYBEAN**

BROWN IRON WHITE HARVEST STANDABILITY **EMERGENCE** STEM ROT **CHLOROSIS** MOLD 3 2 MS 3

- Superb emergence
- · Solid SCN protection for races 3 and 14
- Good PRR field tolerance and the Rps1k gene
- · Solid agronomics
- · High yield potential



#### **Rps3a Provides Early Season Planting Options**

BROWN IRON WHITF HARVEST **EMERGENCE** STEM ROT **CHLOROSIS** MOLD STANDABILITY HT

- · Earlier than anticipated, true 0.4 RM
- Strong IDC with SCN resistance
- · Best in class for all around agronomic defense
- · Solid yield potential



# DSR-0660E™

#### **EXCELLENT YIELD POTENTIAL**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	MS	3	3	3

- · Above average emergence and standability
- Good PRR field tolerance, but lacks PRR gene
- · Best choice in high chloride situations
- Seed treatment will help maximize this line's potential



### **DSR-0757E™**

#### **NEXT GEN DAIRYLAND SEED BRAND ENLIST E3® SOYBEAN**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	MS	3	2	3

- · Excellent white mold tolerance
- · All around good agronomics
- Defensive bean for your tough acres
- Manage appropriately to reduce SCN and SDS pressure
- · Solid yield potential



### **DSR-0847E**™

#### **IMPRESSIVE YIELD POTENTIAL**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	MS	3	5	4

- · Broad, average plant type
- Strong PRR field tolerance with Rps1c gene
- Average on IDC
- Responds to reduced planting populations and white mold management methods



#### **HUGE YIELD POTENTIAL IN BETTER ENVIRONMENTS**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	MS	3	5	3

- Strong two-year performance in university and F.I.R.S.T. trials
- · The best PRR field tolerance we offer
- Good IDC tolerance
- Use best management practices to manage white mold and SDS



# **DSR-1121E™**

#### **EXCITING NEW 1.1 RM RELEASE**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
4	HT	3	3	3

- · Outstanding yield potential
- Respectable PRR field tolerance
- · Good white mold tolerance
- · Medium-bush plant type with a mediumshort height at harvest
- Use a LumiGEN® seed treatment package for best results



# DSR-1290E™

#### YIELD POTENTIAL IS PHENOMENAL

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	MS	3	4	3

- Good performance in 2021 independent trials
- · Solid scores for PRR field tolerance, emergence and white mold
- No PRR gene, but high field tolerance
- Enlist E3® soybean with added STS® herbicide tolerance



# SCN DSR-1318E™

#### STABLE OVER YEAR PERFORMANCE

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	MS	3	5	3

- Nice IDC, SCN and Rps1c protection
- · Very good standability and charcoal rot tolerance
- · Methods to reduce SDS and white mold pressure are of benefit



DSR-1450E™

#### **EXCITING YIELD POTENTIAL**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
2	MS	3	5	3

- · Awesome emergence
- · Solid agronomics
- · Lacks a major PRR gene, but good PRR field tolerance
- Enlist E3® soybean with added STS® herbicide tolerance



# DSR-1673E<sup>TM</sup>

#### **GOOD IDC PROTECTION**

**EMERGENCE** 3

BROWN STEM ROT MT

IRON **CHLOROSIS** 3

WHITE MOLD 4

**HARVEST** STANDABILITY 3

- · 1k gene with good field tolerance to PRR
- · Average white mold tolerance
- · Moderately tolerant to brown stem rot
- Should be managed under known SDS environments



**BROWN** IRON WHITE HARVEST **EMERGENCE** STEM ROT **CHLOROSIS** MOLD STANDABILITY HT 3 2 3 3

- · Excellent white mold tolerance
- Great partner product with DSR-1450E™
- Outstanding SDS tolerance
- Rugged soybean that excels at handling tough conditions
- Shorter plant type with a medium canopy



SCN DSR-1820E™

#### HIGH YIELD POTENTIAL

BROWN WHITF HARVEST IRON **EMERGENCE** STEM ROT **CHLOROSIS** MOLD STANDABILITY 2 2 MS 3 3

- · Very good emergence
- · Impressive visuals in a compact plant type
- · Moderately susceptible to brown stem rot
- · Good IDC tolerance

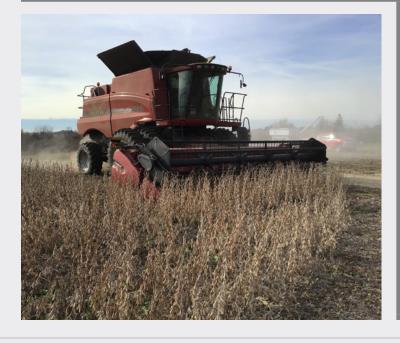


DSR-1919E™

#### **NEXT GEN DAIRYLAND SEED BRAND ENLIST E3® SOYBEAN**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
2	MT	3	3	3

- Excellent performance east to west
- · Outstanding emergence allows this bean to get off to a good start
- · Great color, stature and standability
- · Peking SCN line
- · Strong yield potential





DSR-2030E<sup>TM</sup>

#### Rps3a AND 1c DELIVER TOP-SHELF PRR DEFENSE

**EMERGENCE** 3

BROWN STEM ROT MS

IRON **CHLOROSIS** 2

WHITE MOLD 6

HARVEST STANDABILITY 4

- Covers the ground quickly and produces generous pod set
- Impressive IDC and very good SDS tolerance
- · Impressive year-over-year data
- Implementing white mold best management tactics are helpful



#### STABLE AND CONSISTENT AGRONOMICS

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
2	MS	3	5	3

- · Very good emergence
- Better white mold tolerance than DSR-2030E™
- · Exciting yield potential
- Good overall agronomic package



#### **NEXT GEN DAIRYLAND SEED BRAND ENLIST E3® SOYBEAN**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
2	MT	2	4	3

- · Exceptional emergence for tough planting conditions
- Good east to west performance
- · Tremendous tolerance to IDC
- · Peking SCN line
- · Very good yield potential



SCN DSR-2112E™

#### **IMPRESSIVE YIELD POTENTIAL**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	HT	4	4	3

- · Dependable PRR field tolerance and brown stem rot protection
- · Average IDC and white mold protection
- · Place in situations that maximize emergence and early vigor
- Use a LumiGEN® seed treatment package for best results



DSR-2222E™

#### **GOOD PERFORMANCE IN MICHIGAN AND INDIANA**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	HT	4	5	3

- Rps1c plus 3a gene stack
- Highly tolerant to brown stem rot
- Standability is strong for extended harvest situations
- · Manage populations and white mold prone areas



SCN DSR-2424E™

#### PEKING SCN LINE WITH AWESOME VISUAL APPEAL

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	MS	2	5	3

- · Nice fit where IDC is of concern
- · Exciting yield potential
- Steady over year performance
- · Exercise white mold risk reduction tactics



SCN DSR-2562E™



#### **NEXT GEN DAIRYLAND SEED BRAND ENLIST E3® SOYBEAN**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	HT	5	3	2

- · Lead product across our geography
- Consistent top performance across the yield spectrum
- · Elite tolerance to SDS, solid tolerance to white mold
- Awesome standability
- Caution in known IDC hotspots



#### STRONG YIELD POTENTIAL

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	HT	3	5	3

- · Good tolerance to IDC
- Average tolerance to SDS
- · Stands well in extended harvest situations
- · Utilize methods to mitigate white mold risk



#### **NEXT GEN DAIRYLAND SEED BRAND ENLIST E3® SOYBEAN**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
4	MT	3	5	4

- · All about the yield potential
- · Peking SCN line
- · Good brown stem rot tolerance with great frogeye leaf spot defense
- Use a LumiGEN® seed treatment package for best results



DSR-2999E™

#### **IMPRESSIVE TOP-END YIELD POTENTIAL**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	MS	5	5	3

- Segregating for Rps1k with dependable emergence
- Excellent tolerance to frogeye leaf spot
- Strong resistance to stem canker
- Use a LumiGEN® seed treatment package for best results



DSR-3177E™

#### STABLE AND CONSISTENT

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
2	MS	4	5	4

- · Excellent yield potential
- · Rps1c with outstanding PRR field tolerance
- Strong emergence
- Outstanding frogeye protection













DSR-3365E™

#### **EXCELLENT MULTI-YEAR DATA**

BROWN WHITE IRON HARVEST **EMERGENCE** STEM ROT **CHLOROSIS** MOLD STANDABILITY MS 5 2

- Good SDS and IDC defense
- · Taller, broader plant type
- · Highly resistant to frogeye leaf spot
- Timely harvest would benefit yield potential



#### **SOLID OVERALL PERFORMANCE**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
4	MS	4	5	4

- Enlist E3® soybean with added STS® herbicide tolerance
- Manage appropriately in known white mold situations
- · Seed treatments will increase success
- Frogeye leaf spot presence would warrant a fundicidal application



#### **NEXT GEN DAIRYLAND SEED BRAND ENLIST E3® SOYBEAN**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	MT	4	6	4

- · Exciting yield potential in this maturity
- · Elite frogeye protection
- Very good tolerance to charcoal rot
- · Peking SCN line with Rps1k gene
- Use a LumiGEN® seed treatment package for best results



SCN DSR-3587E™

#### **VERY GOOD EMERGENCE**

EMERGENCE	BROWN	IRON	WHITE	HARVEST		
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY		
2	HT	4	4	3		

- Highly tolerant to brown stem rot
- Rps1k gene and strong PRR field tolerance
- · Frogeye leaf spot presence would warrant a fundicidal application
- · Widely adaptable



SCN DSR-3738E™

#### **SOLID YIELD POTENTIAL**

EMERGENCE	BROWN	IRON	WHITE	HARVEST
	STEM ROT	CHLOROSIS	MOLD	STANDABILITY
3	MT	4	5	4

- Lacks a major PRR gene, but has outstanding field tolerance
- · Manage for improved emergence where SDS is a perennial concern
- Seed treatments will help maximize the potential of this product
- · Compact plant height



SCN DSR-3903E™

#### **NEXT GEN DAIRYLAND SEED BRAND ENLIST E3® SOYBEAN**

**BROWN** IRON WHITE HARVEST **EMERGENCE** STEM ROT **CHLOROSIS** MOLD STANDABILITY 3 HT 3 3

- Improved height over DSR-3738E™
- · Highly tolerant to brown stem rot
- Rps1k gene and respectable PRR field tolerance
- · Exhibits excellent stem canker tolerance
- · Wide area of adaptation







#### **NEW 2.0 RM CONVENTIONAL SOYBEAN**

HARVEST **BROWN** IRON WHITE **EMERGENCE** STEM ROT **CHLOROSIS** MOLD STANDABILITY HT 3 5 3 3

- · Salt excluder for chloride concerns
- Rps1c and respectable PRR field tolerance
- · Very good looks and standability
- Manage appropriately in known white mold areas



DSR-2502™

#### **NEW 2.5 RM CONVENTIONAL SOYBEAN**

BROWN IRON WHITF HARVEST **EMERGENCE** STEM ROT **CHLOROSIS** MOLD STANDABILITY 3 2 MT 2

- · Widely adaptable defensive genetics
- · Strong emergence
- · Very good white mold tolerance with good SDS and brown stem rot tolerance
- Medium-short plant type with a medium canopy



DSR-2830™

#### **EXCELLENT CONVENTIONAL SOYBEAN**

BROWN WHITF HARVEST IRON **EMERGENCE** STEM ROT **CHLOROSIS** MOLD STANDABILITY 3 2 HT

- Very strong brown stem rot, white mold, SCN and field emergence marks
- · Excellent harvest visuals from this light tawny plant with brown pods
- · Average in stature and width
- May need to consider fungicide in environments prone to frogeye leaf spot



DSR-3001™

#### **CLEAR HILUM CONVENTIONAL SOYBEAN**

**BROWN** HARVEST IRON WHITE **EMERGENCE** STEM ROT **CHLOROSIS** MOLD STANDABILITY 3 HT 4 4

- · Above average emergence with capable and dependable agronomics
- · Rps1c with high tolerance to brown stem rot
- Excellent visuals with its light tawny pubescence with tan pods



DSR-3200™

#### **FANTASTIC DISEASE PACKAGE**

BROWN WHITE IRON HARVEST **EMERGENCE** STEM ROT **CHLOROSIS** MOLD STANDABILITY 3 MS 5 6

- · Top-yielding genetics with SCN protection
- Rps1a with above average PRR field tolerance
- · Flexible placement

5.9%

# YIELD ADVANTAGE

HYBRIFORCE-4400™ AGAINST COMPETITORS IN 977 HEAD-TO-HEAD, SIDE-BY-SIDE COMPARISONS



			DORMANCY	FORAGE YIELD	FORAGE QUALITY	EARLY SEEDLING GROWTH	SPRING VIGOR	REGROWTH AFTER CUTTING	DROUGHT STRESS	TRAFFIC TOLERANCE	APHANOMYCES ROOT ROT RACE 1	APHANOMYCES ROOT ROT RACE 2	ANTHRACNOSE	PHYTOPHTHORA ROOT ROT	FUSARIUM WILT	VERTICILLIUM WILT	BACTERIAL WILT	STEM NEMATODE	NORTHERN ROOT KNOT NEMATODE	SOUTHERN ROOT KNOT NEMATODE
PRODUCT	BREEDING CLASS	ROOT Type	FALL		CH	IARA	CTER	ISTI	CS						DISE	ASES	;			
HybriForce-4400™	Gen-4 Hybrid	Тар	4	1	2	1	1	1	1	1	HR	R	HR	HR	HR	HR	HR	HR	MR	-
HybriForce-4420/WET™	Gen-4 Hybrid	Branch	4	1	2	1	1	1	1	1	HR	HR	HR	HR	HR	HR	HR	-	-	-
HybriForce-3400™	Gen-3 Hybrid	Тар	4	2	1	1	1	2	1	1	HR	MR	HR	HR	HR	HR	HR	HR	HR	R
HybriForce-3420/WET™	Gen-3 Hybrid	Branch	4	2	2	1	1	2	1	1	HR	HR	HR	HR	HR	HR	HR	R	R	-
HybriForce-3430™	Gen-3 Hybrid	Тар	4	2	1	1	1	2	1	1	HR	R	HR	HR	HR	HR	HR	HR	R	-
Magnum 8™	Non-Hybrid	Тар	4	2	2	2	2	2	2	1	HR	R	HR	HR	HR	HR	HR	R	R	-
Magnum 8-WET™	Non-Hybrid	Branch	4	2	2	1	2	2	2	1	HR	HR	HR	HR	HR	HR	HR	MR	-	-
Magnum 7™	Non-Hybrid	Тар	4	3	2	2	2	2	2	1	HR	R	HR	HR	HR	HR	HR	HR	HR	R
Magnum Salt™	Salt Tolerant	Branch	4	5	2	3	4	3	2	2	R	-	R	HR	HR	HR	HR	HR	HR	R
Multi-Strain™* Brand	Blend	Тар	4	5	3	4	5	4	4	4	MR	-	R	HR	HR	R	HR	-	-	-
Magna 100RR™* Brand	Roundup Ready®	Тар	4	3	3	3	3	3	3	3	HR	HR	HR	HR	HR	HR	HR	_	-	-

<sup>\*</sup> Multi-Strain and Magna 100RR are Dairyland Seed's brand names and varieties are not stated.

#### **RATING SCALE**

Rated 1 to 9, 1 = Excellent; - = Not rated

NOTE: Ratings are based on replications of data generated by Dairyland Seed and Corteva Agriscience. These ratings serve as a guide for selection and management of products. Individual product responses may vary depending on growing environment.

#### **CODES**

HR = High Resistance

R = Resistance

MR = Moderate Resistance

### ALFALFA NUMBERING SYSTEM

## HybriForce- 4 4 00™

**HYBRID ALFALFA** 

**Generation** 

Fall **Dormancy** 

#### **Trait Series**

00 High Yield 20/Wet Branch Root **30** Hi-Gest® Alfalfa Technology

# Magnum 8 - Wet™

**CONVENTIONAL ALFALFA** 

Generation

**Branch** Root

# **HybriForce-4400**

**GEN-4 HYBRID ALFALFA** 

#### OUR HIGHEST-YIELD POTENTIAL TAP-ROOT HYBRID ALFALFA

FORAGE FORAGE **FARLY SEFDLING** SPRING REGROWTH DROUGHT TRAFFIC **OUALITY** GROWTH TOLERANCE YIELD **VIGOR** AFTER CUTTING **STRESS** 1 2 1 1

 Gen-4 hybrid alfalfa using msSunstra® Hybrid Álfalfa Technology



- 5.9% yield advantage\* against competitors in 977 head-to-head, side-by-side comparisons
- 5% higher yielding\*\* than HybriForce-3400™ in over 5 years of research testing
- Outstanding yield potential in the establishment year
- Racehorse-style of hybrid alfalfa with excellent disease protection
- · Broadly adaptive alfalfa that excels in a wide range of environments
- Tall, dense, leafy hybrid alfalfa with fine stems
- Resistance to Aphanomyces race 2

## HybriForce-4420/WET

GEN-4 BRANCH-ROOTED HYBRID ALFALFA

#### OUR NEWEST RELEASE THAT RAISES THE YIELD POTENTIAL FOR WET SOILS

**FORAGE** FORAGE **EARLY SEEDLING** SPRING REGROWTH DROUGHT TRAFFIC QUALITY YIELD **VIGOR** AFTER CUTTING STRESS TOLERANCE GROWTH 1 2 1 1 1 1

 Gen-4 hybrid alfalfa using msSunstra® Hybrid Alfalfa Technology



- Our best branch-root alfalfa for tough establishment
- Excellent 35/35 disease resistance rating
- Outstanding yield potential in the seeding year
- · Tall, dense, leafy hybrid alfalfa with fine stems
- Highly resistant to Aphanomyces root rot race 1 & 2
- Exhibits unique ability to modify root structure to match conditions
- \*In 2017 2021 HybriForce-4400™ was grown in 977 Dairyland Seed on-farm HAY (Hybrid Alfalfa Yield) plot comparisons across ND, SD, MN, IA, WI, IL, IN and MI with a yield advantage of 5.9% across all cuts at all locations against competitive alfalfas. Hybrid responses are variable and subject to any number of environmental, disease and pest pressures.
- \*\*In over 5 years of research testing, our combined data from internal and 3rd party trials show HybriForce-4400<sup>TH</sup> with more than a 5% yield advantage when compared to HybriForce-3400<sup>TH</sup>

# HYBRID ALFALFA

# HybriForce 3400

#### **GREAT BALANCE OF YIELD AND OUALITY**

FORAGE YIELD	2
FORAGE QUALITY	1
EARLY SEEDLING GROWTH	1
SPRING VIGOR	1
REGROWTH AFTER CUTTING	2
DROUGHT STRESS	1
TRAFFIC TOLERANCE	1

•	Gen-3 hybrid alfalfa using msSunstra®
	Hybrid Álfalfa Technology



- Improves yield potential and maintains quality beyond 30-day cut
- Shows exceptional yield potential in good years and in drought years
- · Provides a dense, uniform stand of high quality forage
- · Very fine stemmed and palatable
- Awesome leaf retention in good conditions and under stress

# HYBRIFORCE 3420/WET

#### HIGH-YIELDING BRANCH-ROOTED ALFALFA FOR WET CONDITIONS

FORAGE YIELD	2
FORAGE QUALITY	2
EARLY SEEDLING GROWTH	1
SPRING VIGOR	1
REGROWTH AFTER CUTTING	2
DROUGHT STRESS	1
TRAFFIC TOLERANCE	1

 Gen-3 hybrid alfalfa using msSunstra® Hybrid Alfalfa Technology



- Exhibits unique ability to modify root structure to match conditions
- · Awesome yield potential in the establishment year
- Outstanding persistence and winter survival
- Excellent leaf-to-stem ratio for high quality forage
- Designed and bred to handle high stress environments

# HYBRIFORCE 3430 GEN-3 HYBRID ALFALFA

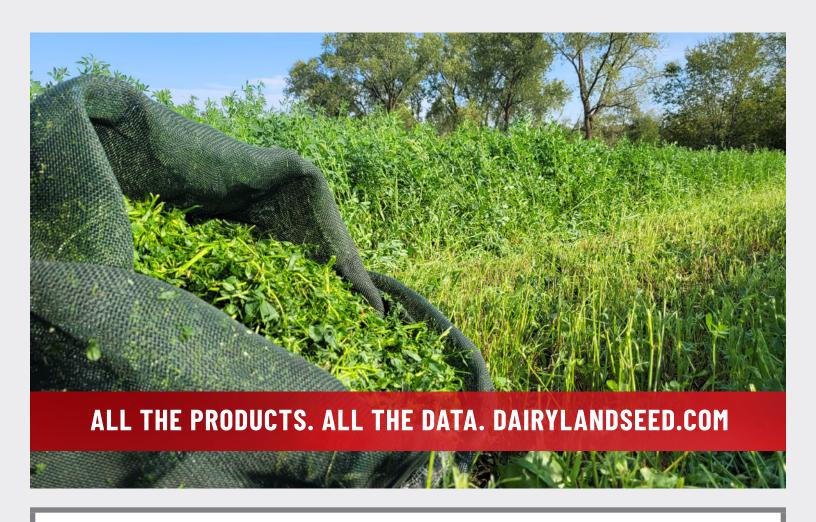
#### HI-GEST® HYBRID ALFALFA FOR IMPROVED FORAGE QUALITY

FORAGE YIELD	2
FORAGE QUALITY	1
EARLY SEEDLING GROWTH	1
SPRING VIGOR	1
REGROWTH AFTER CUTTING	2
DROUGHT STRESS	1
TRAFFIC TOLERANCE	1

- Gen-3 hybrid alfalfa using msSunstra® Hybrid and Hi-Gest® Alfalfa Technology
- · Our best alfalfa for high quality forage
- High milk per acre in delayed cutting situations
- Exceptional yield potential while maintaining quality
- · Produces fine-stemmed palatable forage
- · Excellent disease resistance







# OUR WET ALFALFAS

**HybriForce-4420/WET** 

HYBRIFORCE 3420/WET





Dairyland Seed's branch root technology allows the alfalfa plant to modify its root structure based on stress factors present in the soil. This allows products like HybriForce-4420/Wet™ and our other "WET" varieties to be more productive and establish faster in heavy or wet soils, and also offers greater persistence in fields challenged by disease and stress.

# MAGNUM 8

#### IMPRESSIVE YIELD POTENTIAL IN THE MAGNUM LINEUP

- Unique ability to produce high yields across multiple environments
- · Exhibits high levels of resistance to most alfalfa diseases
- · Highly digestible forage resulting in high RFO scores
- Offers consistency in both yield and forage quality
- Resistance to Aphanomyces root rot race 2

FORAGE YIELD	2
FORAGE QUALITY	2
EARLY SEEDLING GROWTH	2
SPRING VIGOR	2
REGROWTH AFTER CUTTING	2
DROUGHT STRESS	2
TRAFFIC TOLERANCE	1

# MAGNUM 8-WET

#### **BRANCH-ROOTED NON-HYBRID GENETICS**

- Outstanding disease resistance rating of 35/35
- · Highly resistant to Aphanomyces root rot race 1 & 2
- Grows very aggressively in the seeding year with great yields
- · Excellent yield potential and stand persistency
- · Very good establishment in challenging wet conditions

FORAGE YIELD	2
FORAGE QUALITY	2
EARLY SEEDLING GROWTH	1
SPRING VIGOR	2
REGROWTH AFTER CUTTING	2
DROUGHT STRESS	2
TRAFFIC TOLERANCE	1

# **MAGNUM 7**

#### HIGH YIELDING NON-HYBRID GENETICS

- Great forage quality potential with a wide harvest window
- Consistent performance
- · Excellent disease resistance
- · Scores very well for winter survival and persistence
- Resistance to Aphanomyces root rot race 2

FORAGE YIELD	3
FORAGE QUALITY	2
EARLY SEEDLING GROWTH	2
SPRING VIGOR	2
REGROWTH AFTER CUTTING	2
DROUGHT STRESS	2
TRAFFIC TOLERANCE	1



#### SALT TOLERANT ALFALFA

- · Selected and bred from saline soils in North Dakota
- Very good forage yield potential
- · Exhibits high level of the branch-rooted trait
- · Able to thrive in wet soils

2
3
4
3
2
2





# MULTI-STRAIN BRAND

#### **RELIABLE BLEND** FORAGE YIFI D 3 FORAGE QUALITY 4 EARLY SEEDLING GROWTH 5 SPRING VIGOR 4 REGROWTH AFTER CUTTING DROUGHT STRESS 4 TRAFFIC TOLERANCE

- Great genetics at a reasonable price
- · Excellent seed quality
- · Best choice for good performance at an economical price

#### **DURASTAN BRAND**

FORAGE YIELD	6
FORAGE QUALITY	5
EARLY SEEDLING GROWTH	5
SPRING VIGOR	5
REGROWTH AFTER CUTTING	5
DROUGHT STRESS	5
TRAFFIC TOLERANCE	5

**VALUE PRICED** 

- Economically priced for your marginal soils
- Backed by our quality assurance program
- Very good value for an álfalfa blend

# MAGNA 100RR™\*

#### 3 FORAGE YIELD 3 FORAGE QUALITY 3 EARLY SEEDLING GROWTH 3 SPRING VIGOR 3 REGROWTH AFTER CUTTING 3 DROUGHT STRESS 3 TRAFFIC TOLERANCE

**ROUNDUP READY® ALFALFA** 

- Good disease resistance
- Very winterhardy
- High resistance to Aphanomyces root rot race 1 & 2
- Early season weed control with glyphosate herbicides helps improve establishment success

<sup>\*</sup> Multi-Strain, Durastan and Magna 100RR are Dairyland Seed's brand names and varieties are not stated.

### HiDF 501-SL™

**BRAND TALL FESCUE** 

#### SOFT-LEAF WITH HIGH RFV FOR A FESCUE

- · Endophyte-free
- Fast establishment
- · Very-late maturity matches well with alfalfa
- Seeding with alfalfa: 3 5 lbs/a
- Interseeding: 10 15 lbs/a
- Pure stand seeding: Drill 25 - 30 lbs/a Broadcast 30 - 35 lbs/a

### HiDF 401-LM™

**BRAND ORCHARDGRASS** 

#### LATE MATURING FOR IMPROVED FORAGE OUALITY

- · Dense stand without clumping
- · Delayed maturity matches well with alfalfa
- Seeding with alfalfa: 3 5 lbs/a
- Interseeding: 10 lbs/a
- Pure stand seeding: Drill 20 - 25 lbs/a Broadcast 25 - 30 lbs/a

#### **HiDF 201**<sup>™†</sup> **BRAND ITALIAN RYEGRASS**

#### **EXCELLENT NURSE CROP FOR ALFALFA**

- Cool-season biennial with fast establishment
- · High yield potential with high quality
- Seeding with alfalfa: 2 3 lbs/a
- Interseeding: 15 20 lbs/a
- · Pure stand seeding: Drill 15 - 20 lbs/a Broadcast 35 - 40 lbs/a

# NU-TIM™ BRAND

#### HIGHER YIELD POTENTIAL

- · Later maturity than common timothy
- Dark green and soft for high palatability
- · Very good disease resistance
- · Ideal for hay or pasture mixtures
- Pure stand seeding: 6 8 lbs/a

### **CLOVERHAY™** BRAND

RFD CLOVFR

#### HIGH YIELDING MEDIUM RED CLOVER

- Excellent root and crown health
- Resistant to northern anthracnose and powdery mildew
- · Tolerant to Fusarium root rot
- Pure stand seeding: 8 12 lbs/a

#### SWEET-DAN™ BRAND SORGHUM SUDANGRASS\*

#### LATE-MATURING SORGHUM-SUDANGRASS

- Reaches forage maturity at 75 80 days
- · Maintains quality later in season for delayed cutting situations
- · High crude protein and fiber digestibility potential
- Multi-purpose forage with excellent drought tolerance
- Plant 15 lbs/a in rows or 30lbs/a broadcast

<sup>†</sup> Dairyland Seed's brand names and varieties are not stated

<sup>\*</sup> All Sorghum Sudangrass crops can develop "Prussic Acid" (HCN) under certain growing conditions, such as young plants recovering from drought and in plants subjected to killing frosts. It is best to graze or greenchop plants that are at least 12 - 18 inches.



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### TOP-QUALITY PRODUCTS FOR FORAGE, SET-ASIDE AND CONSERVATION RESERVE

### GB-130™ BRAND

#### **100% GRASS MIXTURE** FOR HAY OR PASTURE

ORCHARDGRASS	<b>30</b> %
TALL FESCUE	30%
PERENNIAL RYEGRASS	15%
ITALIAN RYEGRASS	15%
FESTULOLIUM	10%

- · Endophyte-free
- Cool-season vigor with lateseason drought tolerance
- · Quick establishment from Italian ryegrass and festulolium
- Summer productivity from orchardgrass and tall fescue
- Direct seeding: 30 40 lbs/a
- Interseeding: 15 20 lbs/a

### GB-150™ BRAND

#### **GRASS MIXTURE FOR** YEAR-LONG PRODUCTION

ORCHARDGRASS	20%
PERENNIAL RYEGRASS	20%
TIMOTHY	20%
TALL FESCUE	20%
BROMEGRASS	10%
FESTULOLIUM	10%

- Versatile soil conservation blend that is endophyte-free
- Very quick to establish with bromegrass and festulolium
- Rapid regrowth provided by orchardgrass and perennial ryegrass
- Superior winter hardiness from timothy and tall fescue
- Direct seeding: 30 40 lbs/a
- Interseeding: 15 20 lbs/a

### GB-170<sup>™†</sup> BRAND

#### **GRASS MIXTURE FOR EOUINE PRODUCTIVITY**

ORCHARDGRASS	<b>30</b> %
BLUEGRASS	15%
TIMOTHY	15%
ITALIAN RYEGRASS	15%
FESTULOLIUM	15%
PERENNIAL RYEGRASS	10%

- · High-traffic tolerance for pasture applications
- Great forage quality from orchardgrass and perennial ryegrass
- Great grazing persistence from bluegrass
- Quick establishment from timothy, Italian ryegrass and festulolium
- Direct seeding: 30 40 lbs/a
- Interseeding: 12 18 lbs/a

#### FOR MORE INFORMATION, VISIT DAIRYLANDSEED.COM

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Corteva Agriscience policies regarding stewardship of those products. In line with these guidelines, our product launch process for responsible launches of new products includes a longstanding process to evaluate export market information, value chain consultations, and regulatory functionality. Growers and endusers 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.

#### **IMPORTANT:**

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

#### TRADEMARK OWNERSHIP:

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

**AM** - Optimum® AcreMax® Insect Protection system with YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. **AMXT** (Optimum® AcreMax® XTreme) - Contains a single-bag integrated refuge solution for above-and below-ground insects. The major component contains the Agrisure® RW trait, a Bt trait, and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax and Optimum AcreMax XTreme products.

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Roundup Ready® is a registered trademark used under license from Monsanto Company. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate.

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

Enlist Duo® and Enlist One® herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.

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

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

All products are trademarks of their manufacturers.







#### Designed, verified and proven on our genetics

- Corteva Agriscience<sup>™</sup> seed treatments provide superior protection against diseases, insects and nematodes.
- Treatments are designed to work specifically with Corteva Agriscience genetics, drawn from more than 30,000 plot evaluations each year.
- We bring a century of seed knowledge to development of seed treatments, and conduct comprehensive trials to ensure treatments work with our seed.
- Seed treatments are tested extensively in real-world, on-farm conditions and in more than 60,000 plot evaluations annually.

#### **Exclusive seed treatment recipes**

- LumiGEN® seed treatment recipes are available only to Corteva Agriscience seed brands.
- · Recipes are formulated to work against specific pressures where you farm.
- LumiGEN seed treatments protect against some of the most damaging field pressures, including phytophthora, the #1 early-season disease in soybeans.

#### To learn more about LumiGEN Seed Treatments, visit DairylandSeed.com



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# Simple, straightforward analysis for better decision-making.

Create customized field plans and variable-rate seed prescriptions that make it easy to plant smart, collaborate with your team, make more profitable decisions and boost yield.



To learn more about Granular Insights from Corteva Agriscience, visit Granular.ag





# DAIRYLAND SEED

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# DATE OF STATE OF STAT

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