



Mid-Atlantic Seeds

...because every bushel counts.

SEED
GUIDE

2021



Regional Independent Family Owned

These are the words we at Mid-Atlantic Seeds look towards to provide inspiration during these trying and chaotic times. The 2020 planting season was filled with a multitude of unforeseen hardships, not only in agriculture, but in ways we did not expect as we entered this decade. As we continue to navigate these uncertain times, our persistence is driven by our commitment to you, the Mid-Atlantic grower. We refuse to become complacent with the work we have achieved. We are constantly looking inward, striving to advance our company, our service, and our portfolio of high yielding products. Our motivation to continue innovating for the future is drawn from the responsibility we have to you.

Regional

By focusing only on the Mid-Atlantic region, we have been able to increase our offering of products and value traits, all of which are exceptionally suited to handle our unique growing conditions. Our products and services are offered to provide value within the Mid-Atlantic region, and nowhere else.

Independent

By remaining independent we tailor our solutions unlike any other brand operating out east. Independence means we provide products, value traits and unique services that we know are solutions to production agriculture within the Mid-Atlantic region.

Family Owned

Being family-owned is all about focus. Unlike many of our competitors, we focus only on our customers because we understand the responsibility we have to their operations and livelihoods. We do not answer to shareholders and corporate offices – only to our customers.

We sincerely thank all of you for your past and continued support. We look forward to growing with you in the future.

Jim Vizzard
PRESIDENT

CORN TRAITS

RR
Roundup Ready® Corn 2



GT
Agrisure® GT



VT2PRIB
Double PRO® RIB Complete® Corn Blend



GT3
Agrisure® 3000GT



VT2P
VT Double PRO® Corn



GT3VIP
Agrisure Viptera® 3111



SSRIB
SmartStax® RIB Complete® Corn Blend



GTCBLL
Agrisure® GT/CB/LL



SS
SmartStax® Corn



VIP3110EZ
Agrisure Viptera® 3110



TRECRIB
Trecepta® RIB Complete® Corn Blend



DCEZ
Agrisure Duracade® 5122 E-Z Refuge®



DGVT2PRIB
DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend



DCVIPEZ
Agrisure Duracade® 5222 E-Z Refuge®



SOYBEAN TECHNOLOGY

E3
Enlist E3® Soybeans



GT
Glyphosate™ Tolerant



GT/LL
LibertyLink® GT27®



RR
Roundup Ready 2 Yield® Soybeans



STS
Sulfonylurea™ Tolerant

STS®
herbicide tolerant trait

*“Our motivation to continue innovating for the future is drawn from the responsibility we have to **you.**”*

-JIM VIZZARD | PRESIDENT

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EXPERIENCE THE REGIONAL EDGE

EVERY DECISION WE MAKE IS DRIVEN BY THE NEEDS OF THE MID-ATLANTIC FARMER - *NO ONE ELSE.*



WAYS OUR CUSTOMERS EXPERIENCE THE REGIONAL EDGE

EXTENSIVE LOCAL TESTING

Every product in our line up is extensively tested throughout the Mid-Atlantic region giving us insight on placement to maximize yield.

TAILORED SOLUTIONS

We don't just sell seed, we sell solutions to your unique growing situation.

FLEXIBILITY

Plans change. When your seed needs change, we understand. Our agronomists are ready to work with you to recommend products for any situation you find yourself in.

CUSTOMER SUPPORT

Access real, live and knowledgeable customer service when you need it. Our staff is available to answer any questions you have.



PRODUCT	Trait	Maturity	VALUE TRAITS					PLANT CHARACTERISTICS				EAR DEVELOPMENT			ENVIRONMENTAL RESPONSE				DISEASE TOLERANCE			YIELD ENVIRONMENT				SOIL ADAPTABILITY					
			CB Modes of Action	CRW Modes of Action	BL Protection	RR/GT Tolerance	LL Tolerance	Stalk Strength	Root Strength	Emergence	Plant Height	Ear Placement	Ear Flex	Kernel Rows	Test Weight	Dry Down	Drought Tolerance	Staygreen	Planting Population	GLS	NLB	ANTR	Tough	Marginal	Variable	Ideal	Light	Medium	Heavy	Poorly-Drained	
MA5952	CONV	95	-	-	-	-	-	8	7	9	MT	M	F	16-18	8	7	8	9	26000	36000	8	7	7	X	X	X	X	EX	EX	EX	EX
MA5952VIP3220EZ	VIP3220EZ	95	2	-	2	X	-	8	7	9	MT	M	F	16-18	8	7	8	9	26000	36000	8	7	7	X	X	X	X	EX	EX	EX	EX
MA5000	CONV	100	-	-	-	-	-	8	9	8	MT	M	F	16-18	7	8	8	8	24000	34000	7	6	-	X	X	X	-	EX	EX	EX	EX
MA7002HD	CONV/ORG	100	-	-	-	-	-	9	9	8	VT	ML	F	14-16	6	4	-	10	22000	28000	8	8	7	-	X	X	X	VG	EX	EX	EX
MA7002HRRR	RR	100	-	-	-	X	-	9	9	8	VT	ML	F	14-16	6	4	-	10	22000	28000	8	8	7	-	X	X	X	VG	EX	EX	EX
NEW MA9008	CONV	100	-	-	-	-	-	8	8	7	M	M	SF	18-20	7	8	7	7	26000	34000	7	7	-	X	X	X	X	VG	EX	EX	VG
NEW MA8008VT2PRIB	VT2PRIB	100	2	-	-	X	-	8	8	7	M	M	SF	18-20	7	8	7	7	26000	34000	7	7	-	X	X	X	X	VG	EX	EX	VG
MA8001SSRIB	SSRIB	100	3	2	1	X	X	7	8	8	M	M	SD	16-18	7	8	8	7	30000	36000	8	8	8	X	X	-	X	VG	EX	EX	VG
MA8017VT2PRIB	VT2PRIB	101	2	-	-	X	-	8	7	8	T	MH	F	14-16	7	8	8	7	24000	34000	7	7	8	X	X	X	-	VG	EX	EX	VG
MA8026SSRIB	SSRIB	102	3	2	1	X	X	8	8	8	MT	M	SF	14-16	7	7	6	9	28000	34000	6	7	8	X	X	X	-	EX	EX	EX	EX
NEW MA5024VIP3110EZ	VIP3110EZ	102	1	-	1	X	X	9	9	9	T	M	SF	16-18	9	9	8	8	26000	36000	6	7	8	X	X	X	X	EX	EX	EX	VG
NEW MA5024DCVIPEZ	DCVIPEZ	102	2	2	2	X	X	9	9	9	T	M	SF	16-18	9	9	8	8	26000	36000	6	7	8	X	X	X	X	EX	EX	EX	VG
MA8039VT2PRIB	VT2PRIB	103	2	-	-	X	-	7	7	8	M	M	SF	16-18	8	6	8	6	28000	35000	8	7	7	-	X	X	X	EX	EX	EX	VG
MA8039SSRIB	SSRIB	103	3	2	1	X	X	7	7	8	M	M	SF	16-18	8	6	8	6	28000	35000	8	7	7	-	X	X	X	EX	EX	EX	VG
MA8034VT2PRIB	VT2PRIB	103	2	-	-	X	-	6	6	6	T	MH	SD	16-18	9	10	7	6	30000	36000	6	8	6	-	X	X	X	EX	EX	EX	VG
MA8034SSRIB	SSRIB	103	3	2	1	X	X	6	6	6	T	MH	SD	16-18	9	10	7	6	30000	36000	6	8	6	-	X	X	X	EX	EX	EX	VG
MA8056VT2PRIB	VT2PRIB	105	2	-	-	X	-	8	7	7	M	ML	SD	16-18	9	7	7	8	30000	36000	6	6	6	-	X	-	X	VG	EX	EX	VG
NEW MA8066DGV2PRIB	DGV2PRIB	106	2	-	-	X	-	8	6	6	MT	M	SF	16-18	7	6	7	6	30000	36000	6	6	6	X	X	X	X	EX	EX	EX	G
NEW MA8066SSRIB	SSRIB	106	3	2	1	X	X	8	6	6	MT	M	SF	16-18	7	6	7	6	30000	36000	6	6	6	X	X	X	X	EX	EX	EX	G
MA8074VT2PRIB	VT2PRIB	106	2	-	-	X	-	6	8	8	M	M	SF	16-18	6	10	7	5	28000	35000	5	6	5	-	-	X	X	EX	EX	EX	VG
MA8086VT2PRIB	VT2PRIB	108	2	-	-	X	-	8	9	9	MT	MH	SD	14-16	7	7	8	6	32000	38000	6	8	6	X	X	-	-	G	EX	EX	G
MA5083	CONV	108	-	-	-	-	-	8	8	8	MT	M	SF	14-16	9	7	7	9	26000	34000	9	7	7	X	X	X	-	VG	EX	EX	EX
MA5083GTCBLL	GTCBLL	108	1	-	-	X	X	8	8	8	MT	M	SF	14-16	9	7	7	9	26000	34000	9	7	7	X	X	X	-	VG	EX	EX	EX

RATING SCALE 1-10: 1: Poor, 5: Average, 10: Excellent | A: Average, F: Fair, G: Good, VG: Very Good, E: Excellent

PLANT HEIGHT: S: Short, MS: Medium-Short, M: Medium, T: Tall, MT: Medium-Tall, VT: Very-Tall

EAR PLACEMENT: L: Low, ML: Medium Low, M: Medium, MH: Medium High, H: High

EAR FLEX: D: Determinate, SD: Semi-Determinate, SF: Semi-Flex, F: Flex

VIP3220EZ = Agrisure Viptera® 3220 E-Z Refuge®, ORG = Organic, RR = Roundup Ready® Corn 2, VT2PRIB = Double PRO® RIB Complete® Corn Blend

VIP3110EZ = Agrisure Viptera® 3110, DCEZ = Agrisure Duracade® 5122 E-Z Refuge®, DGV2PRIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend

GTCBLL = Agrisure® GT/CB/LL, 3000GT = Agrisure® 3000GT, VT2P = VT Double PRO® Corn, SS = SmartStax® Corn, TRECRIB = Trecepta® RIB Complete® Corn Blend

SSRIB = SmartStax® RIB Complete® Corn Blend, GT3VIP = Agrisure Viptera® 3111, GT = Agrisure® GT, DCVIPEZ = Agrisure Duracade® 5222 E-Z Refuge®, CONV = Conventional

CORN HYBRID SUMMARY

PRODUCT	Trait	Maturity	VALUE TRAITS					PLANT CHARACTERISTICS				EAR DEVELOPMENT			ENVIRONMENTAL RESPONSE				DISEASE TOLERANCE			YIELD ENVIRONMENT				SOIL ADAPTABILITY					
			CB Modes of Action	CRW Modes of Action	BL Protection	RR/GT Tolerance	LL Tolerance	Stalk Strength	Root Strength	Emergence	Plant Height	Ear Placement	Ear Flex	Kernel Rows	Test Weight	Dry Down	Drought Tolerance	Staygreen	Planting Population	GLS	NLB	ANTR	Tough	Marginal	Variable	Ideal	Light	Medium	Heavy	Poorly-Drained	
MA5083DCEZ	DCEZ	108	2	2	1	X	X	8	8	8	MT	M	SF	14-16	9	7	7	9	26000	34000	9	7	7	X	X	X	-	VG	EX	EX	EX
MA8099RR	RR	109	-	-	-	X	-	9	9	-	M	M	SD	14-16	6	8	9	7	28000	36000	7	7	-	X	X	-	-	EX	EX	VG	VG
MA8099VT2PRIB	VT2PRIB	109	2	-	-	X	-	9	9	-	M	M	SD	14-16	6	8	9	7	28000	36000	7	7	-	X	X	-	-	EX	EX	VG	VG
MA9091	CONV	109	-	-	-	-	-	7	8	8	MT	M	SD	16-18	8	6	7	7	29000	36000	7	8	8	-	X	X	X	EX	EX	EX	VG
MA8091VT2PRIB	VT2PRIB	109	2	-	-	X	-	7	8	8	MT	M	SD	16-18	8	6	7	7	29000	36000	7	8	8	-	X	X	X	EX	EX	EX	VG
MA8091SSRIB	SSRIB	109	3	2	1	X	X	7	8	8	MT	M	SD	16-18	8	6	7	7	29000	36000	7	8	8	-	X	X	X	EX	EX	EX	VG
NEW MA8106VT2PRIB	VT2PRIB	110	2	-	-	X	-	8	8	8	M	M	SD	14-16	8	8	6	6	29000	36000	8	6	7	-	X	-	X	EX	EX	EX	EX
MA9104	CONV	110	-	-	-	-	-	8	9	9	M	M	SD	14-16	8	7	7	7	30000	36000	8	8	9	-	X	-	X	EX	EX	EX	VG
MA8104VT2PRIB	VT2PRIB	110	2	-	-	X	-	8	9	9	M	M	SD	14-16	8	7	7	7	30000	36000	8	8	9	-	X	-	X	EX	EX	EX	VG
MA8104SSRIB	SSRIB	110	3	2	1	X	X	8	9	9	M	M	SD	14-16	8	7	7	7	30000	36000	8	8	9	-	X	-	X	EX	EX	EX	VG
MA5105GT3	GT3	110	1	1	-	X	X	7	8	7	MT	M	SF	16-19	8	8	7	7	26000	34000	7	6	7	-	-	-	X	-	-	-	-
MA8107VT2P	VT2P	110	2	-	-	X	-	6	6	6	MT	M	SF	16-18	7	9	8	6	28000	34000	6	8	6	X	X	X	-	EX	EX	VG	G
MA8107SS	SS	110	3	2	1	X	X	6	6	6	MT	M	SF	16-18	7	9	8	6	28000	34000	6	8	6	X	X	X	-	EX	EX	VG	G
MA8116DGV2PRIB	DGV2PRIB	111	2	-	-	X	-	7	8	-	M	M	D	16-18	6	8	10	6	26000	38000	5	6	7	X	X	-	-	EX	EX	VG	G
MA8119DGV2PRIB	DGV2PRIB	111	2	-	-	X	-	7	7	6	M	M	SF	16-18	8	6	7	7	28000	35000	7	7	6	-	-	X	X	G	VG	EX	VG
NEW MA8117TRECRIB	TRECRIB	111	2	-	1	X	-	8	8	8	M	M	SF	18-20	7	7	8	9	28000	36000	7	8	8	X	X	X	X	EX	EX	EX	VG
MA5129GT3	GT3	112	1	1	-	X	X	7	6	-	T	MH	F	16-18	7	7	6	7	26000	34000	5	6	-	X	X	X	-	G	EX	VG	G
MA9128	CONV	112	-	-	-	-	-	8	8	7	MT	M	SF	16-18	7	8	9	9	24000	36000	9	8	8	X	X	X	X	VG	EX	EX	EX
MA8128VT2PRIB	VT2PRIB	112	2	-	-	X	-	8	8	7	MT	M	SF	16-18	7	8	9	9	24000	36000	9	8	8	X	X	X	X	VG	EX	EX	EX
MA8128SSRIB	SSRIB	112	3	2	1	X	X	8	8	7	MT	M	SF	16-18	7	8	9	9	24000	36000	9	8	8	X	X	X	X	VG	EX	EX	EX
MA9127	CONV	112	-	-	-	-	-	8	8	-	M	ML	F	16-18	9	8	7	8	24000	34000	8	7	7	X	X	X	-	VG	EX	EX	EX
MA8127RR	RR	112	-	-	-	X	-	8	8	-	M	ML	F	16-18	9	8	7	8	24000	34000	8	7	7	X	X	X	-	VG	EX	EX	EX
MA8127VT2PRIB	VT2PRIB	112	2	-	-	X	-	8	8	-	M	ML	F	16-18	9	8	7	8	24000	34000	8	7	7	X	X	X	-	VG	EX	EX	EX

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MA8127SSRIB	SSRIB	112	3	2	1	X	X	8	8	-	M	ML	F	16-18	9	8	7	8	24000	34000	8	7	7	X	X	X	-	VG	EX	EX	EX
MA8121VT2PRIB	VT2PRIB	112	2	-	-	X	-	8	8	-	M	M	F	14-16	6	6	8	8	24000	34000	8	8	7	X	X	X	-	EX	EX	EX	EX
MA9132	CONV	113	-	-	-	-	-	9	7	7	M	M	SF	16-18	9	7	9	8	30000	36000	9	10	9	X	X	X	X	EX	EX	EX	EX
MA8132VT2PRIB	VT2PRIB	113	2	-	-	X	-	9	7	7	M	M	SF	16-18	9	7	9	8	30000	36000	9	10	9	X	X	X	X	EX	EX	EX	EX
MA8147SSRIB	SSRIB	114	3	2	1	X	X	8	7	7	T	MH	SD	16-18	9	7	7	8	30000	36000	7	8	9	-	X	-	X	VG	EX	EX	VG
MA9141	CONV	114	-	-	-	-	-	9	9	7	MT	M	SD	16-18	8	7	9	8	29000	36000	10	10	9	X	X	X	X	EX	EX	EX	EX
MA8141DGVT2PRIB	DGVT2PRIB	114	2	-	-	X	-	9	9	7	MT	M	SD	16-18	8	7	9	8	29000	36000	10	10	9	X	X	X	X	EX	EX	EX	EX
MA8141SSRIB	SSRIB	114	3	2	1	X	X	9	9	7	MT	M	SD	16-18	8	7	9	8	29000	36000	10	10	9	X	X	X	X	EX	EX	EX	EX
MA9150	CONV	115	-	-	-	-	-	7	6	-	T	M	F	16-18	5	7	-	8	26000	32000	8	7	6	X	X	X	X	-	EX	EX	VG
MA8150RR	RR	115	-	-	-	X	-	7	6	-	T	M	F	16-18	5	7	-	8	26000	32000	8	7	6	X	X	X	X	-	EX	EX	VG
MA9151	CONV/ORG	115	-	-	-	-	-	8	8	7	MT	MH	SF	18-20	7	6	9	8	28000	34000	9	8	8	X	X	X	X	VG	EX	EX	VG
NEW MA8158SSRIB	SSRIB	115	3	2	1	X	X	9	8	7	MT	MH	SF	18-20	10	7	9	8	29000	38000	8	8	8	X	X	X	X	EX	EX	EX	EX
NEW MA5155GT3VIP	GT3VIP	115	1	1	1	X	X	8	8	8	MT	M	F	16-20	10	7	9	8	24000	36000	9	9	9	X	X	X	X	EX	EX	EX	EX
MA5160GT	GT	116	-	-	-	1	-	9	8	7	T	M	SD	16-18	8	7	8	8	24000	34000	9	8	8	X	X	X	-	VG	EX	EX	EX
MA5166	CONV	116	-	-	-	-	-	9	8	7	T	ML	F	16-18	7	6	9	10	24000	36000	10	10	8	X	X	X	X	VG	EX	EX	EX
MA5166GT	GT	116	-	-	-	X	-	9	8	7	T	ML	F	16-18	7	6	9	10	24000	36000	10	10	8	X	X	X	X	VG	EX	EX	EX
MA5166GT3	GT3	116	1	1	-	X	X	9	8	7	T	ML	F	16-18	7	6	9	10	24000	36000	10	10	8	X	X	X	X	VG	EX	EX	EX
MA8163VT2PRIB	VT2PRIB	116	2	-	-	X	-	9	9	9	T	MH	SD	16-18	10	7	8	9	30000	36000	7	9	9	X	X	X	-	VG	EX	EX	EX
MA8163SSRIB	SSRIB	116	3	2	1	X	X	9	9	9	T	MH	SD	16-18	10	7	8	9	30000	36000	7	9	9	X	X	X	-	VG	EX	EX	EX
NEW MA5161DCVIPEZ	DCVIPEZ	116	2	2	2	X	X	8	7	7	T	M	F	16-20	7	6	8	8	24000	36000	8	8	8	X	X	X	X	VG	EX	EX	EX
MA5165HD	CONV	116	-	-	-	-	-	7	6	7	VT	H	F	18-22	7	7	-	9	24000	34000	9	9	7	X	X	X	X	G	EX	EX	EX
MA5165HDGT3	GT3	116	1	1	-	X	X	7	6	7	VT	H	F	18-22	7	7	-	9	24000	34000	9	9	7	X	X	X	X	G	EX	EX	EX

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MA5952

CONVENTIONAL, VIP3220EZ **95 RM**

DESCRIPTION			
<ul style="list-style-type: none"> Dual-purpose with excellent grain quality Very good stalks and roots for increased harvest window Excellent southern movement 			
PLANT CHARACTERISTICS			
PLANT HEIGHT	MEDIUM-TALL		
STALK STRENGTH	8		
ROOT STRENGTH	7		
EMERGENCE	9		
EAR DEVELOPMENT			
EAR PLACEMENT	EAR FLEX		
M	F		
KERNEL ROWS	TEST WEIGHT		
16-18	8		
ENVIRONMENTAL RESPONSE			
PLANTING POPULATION	26,000-36,000		
DRY DOWN	7		
DROUGHT TOLERANCE	8		
STAYGREEN	9		
DISEASE TOLERANCE			
GLS	8		
NLB	7		
ANTR	7		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓
SOIL ADAPTABILITY			
LIGHT	EXCELLENT		
MEDIUM	EXCELLENT		
HEAVY	EXCELLENT		
POORLY-DRAINED	EXCELLENT		

NEW PRODUCT!

MA8008

CONVENTIONAL, VT2PRIB, SSRIB **100 RM**

DESCRIPTION			
<ul style="list-style-type: none"> Dual-purpose for increased flexibility Excellent stress tolerance Very good southern movement 			
PLANT CHARACTERISTICS			
PLANT HEIGHT	MEDIUM		
STALK STRENGTH	8		
ROOT STRENGTH	8		
EMERGENCE	7		
EAR DEVELOPMENT			
EAR PLACEMENT	EAR FLEX		
M	SF		
KERNEL ROWS	TEST WEIGHT		
18-20	7		
ENVIRONMENTAL RESPONSE			
PLANTING POPULATION	26,000-34,000		
DRY DOWN	8		
DROUGHT TOLERANCE	7		
STAYGREEN	7		
DISEASE TOLERANCE			
GLS	7		
NLB	7		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓
SOIL ADAPTABILITY			
LIGHT	VERY GOOD		
MEDIUM	EXCELLENT		
HEAVY	EXCELLENT		
POORLY-DRAINED	VERY GOOD		

NEW PRODUCT!

MA5024

VIP3110EZ, DCVIPEZ **102 RM**

DESCRIPTION			
<ul style="list-style-type: none"> Dual-purpose for increased flexibility Watch late-season gray leaf spot Best yields under higher planting populations Responds well to fungicide applications 			
PLANT CHARACTERISTICS			
PLANT HEIGHT	TALL		
STALK STRENGTH	9		
ROOT STRENGTH	9		
EMERGENCE	9		
EAR DEVELOPMENT			
EAR PLACEMENT	EAR FLEX		
M	SF		
KERNEL ROWS	TEST WEIGHT		
16-18	9		
ENVIRONMENTAL RESPONSE			
PLANTING POPULATION	26,000-36,000		
DRY DOWN	9		
DROUGHT TOLERANCE	8		
STAYGREEN	8		
DISEASE TOLERANCE			
GLS	6		
NLB	7		
ANTR	8		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓
SOIL ADAPTABILITY			
LIGHT	EXCELLENT		
MEDIUM	EXCELLENT		
HEAVY	EXCELLENT		
POORLY-DRAINED	VERY GOOD		

MA8039

VT2PRIB, SSRIB **103 RM**

DESCRIPTION			
<ul style="list-style-type: none"> Top end early-season grain hybrid with very good test weight Excellent emergence and early-season plant vigor Attractive in-season appearance with very good stress tolerance Strong agronomics with excellent movement across all yield environments 			
PLANT CHARACTERISTICS			
PLANT HEIGHT	MEDIUM		
STALK STRENGTH	7		
ROOT STRENGTH	7		
EMERGENCE	8		
EAR DEVELOPMENT			
EAR PLACEMENT	EAR FLEX		
M	SF		
KERNEL ROWS	TEST WEIGHT		
16-18	8		
ENVIRONMENTAL RESPONSE			
PLANTING POPULATION	28,000-35,000		
DRY DOWN	6		
DROUGHT TOLERANCE	8		
STAYGREEN	6		
DISEASE TOLERANCE			
GLS	8		
NLB	7		
ANTR	7		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
	✓	✓	✓
SOIL ADAPTABILITY			
LIGHT	EXCELLENT		
MEDIUM	EXCELLENT		
HEAVY	EXCELLENT		
POORLY-DRAINED	VERY GOOD		

RATING SCALE 1-10: 1: Poor, 5: Average, 10: Excellent

EAR PLACEMENT: L: Low, ML: Medium Low, M: Medium, MH: Medium High, H: High

EAR FLEX: D: Determinate, SD: Semi-Determinate, SF: Semi-Flex, F: Flex

GT3VIP = Agrisure Viptera® 3111, GTCBLL = Agrisure® GT/CB/LL, VIP3220EZ = Agrisure Viptera® 3220 E-Z Refuge®

DCVIPEZ = Agrisure Duracade® 5122 E-Z Refuge®, SSRIB = SmartStax® RIB Complete® Corn Blend, VT2PRIB = VT Double PRO® RIB Complete® Corn Blend

DGVT2PRIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend, TRECRIB = Trecepta® RIB Complete® Corn Blend

NEW PRODUCT!

MA8066

DGVT2PRIB, SSRIB 106 RM

DESCRIPTION			
<ul style="list-style-type: none"> Excellent mid-season grain hybrid High yields with excellent defensive characteristics to protect profit Plant at higher populations to maximize yields 			
PLANT CHARACTERISTICS			
PLANT HEIGHT	MEDIUM-TALL		
STALK STRENGTH	8		
ROOT STRENGTH	6		
EMERGENCE	6		
EAR DEVELOPMENT			
EAR PLACEMENT	EAR FLEX		
M	SF		
KERNEL ROWS	TEST WEIGHT		
16-18	7		
ENVIRONMENTAL RESPONSE			
PLANTING POPULATION	30,000-36,000		
DRY DOWN	6		
DROUGHT TOLERANCE	7		
STAYGREEN	6		
DISEASE TOLERANCE			
GLS	6		
NLB	6		
ANTR	6		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓
SOIL ADAPTABILITY			
LIGHT	EXCELLENT		
MEDIUM	EXCELLENT		
HEAVY	EXCELLENT		
POORLY-DRAINED	GOOD		

MA5083

CONVENTIONAL, GTCBLL, DCEZ 108 RM

DESCRIPTION			
<ul style="list-style-type: none"> Dual-purpose for increased flexibility Excellent stress tolerance Place on marginal to moderate soils 			
PLANT CHARACTERISTICS			
PLANT HEIGHT	MEDIUM-TALL		
STALK STRENGTH	8		
ROOT STRENGTH	8		
EMERGENCE	8		
EAR DEVELOPMENT			
EAR PLACEMENT	EAR FLEX		
M	SF		
KERNEL ROWS	TEST WEIGHT		
14-16	9		
ENVIRONMENTAL RESPONSE			
PLANTING POPULATION	26,000-34,000		
DRY DOWN	7		
DROUGHT TOLERANCE	7		
STAYGREEN	9		
DISEASE TOLERANCE			
GLS	9		
NLB	7		
ANTR	7		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	
SOIL ADAPTABILITY			
LIGHT	VERY GOOD		
MEDIUM	EXCELLENT		
HEAVY	EXCELLENT		
POORLY-DRAINED	EXCELLENT		

MA8091

CONVENTIONAL, VT2PRIB, SSRIB 109 RM

DESCRIPTION			
<ul style="list-style-type: none"> Grain hybrid Excellent test weight to increase profit Consistent, high yields 			
PLANT CHARACTERISTICS			
PLANT HEIGHT	MEDIUM-TALL		
STALK STRENGTH	7		
ROOT STRENGTH	8		
EMERGENCE	8		
EAR DEVELOPMENT			
EAR PLACEMENT	EAR FLEX		
M	SD		
KERNEL ROWS	TEST WEIGHT		
16-18	8		
ENVIRONMENTAL RESPONSE			
PLANTING POPULATION	29,000-36,000		
DRY DOWN	6		
DROUGHT TOLERANCE	7		
STAYGREEN	7		
DISEASE TOLERANCE			
GLS	7		
NLB	8		
ANTR	8		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
	✓	✓	✓
SOIL ADAPTABILITY			
LIGHT	EXCELLENT		
MEDIUM	EXCELLENT		
HEAVY	EXCELLENT		
POORLY-DRAINED	VERY GOOD		

NEW PRODUCT!

MA8106

VT2PRIB 110 RM

DESCRIPTION			
<ul style="list-style-type: none"> Excellent grain yields across all environments Good staygreen and in-season appearance Very good standability for an increased harvest window 			
PLANT CHARACTERISTICS			
PLANT HEIGHT	MEDIUM		
STALK STRENGTH	8		
ROOT STRENGTH	8		
EMERGENCE	8		
EAR DEVELOPMENT			
EAR PLACEMENT	EAR FLEX		
M	SD		
KERNEL ROWS	TEST WEIGHT		
14-16	8		
ENVIRONMENTAL RESPONSE			
PLANTING POPULATION	29,000-36,000		
DRY DOWN	8		
DROUGHT TOLERANCE	6		
STAYGREEN	6		
DISEASE TOLERANCE			
GLS	8		
NLB	6		
ANTR	7		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
	✓		✓
SOIL ADAPTABILITY			
LIGHT	EXCELLENT		
MEDIUM	EXCELLENT		
HEAVY	EXCELLENT		
POORLY-DRAINED	EXCELLENT		

RATING SCALE 1-10: 1: Poor, 5: Average, 10: Excellent

EAR PLACEMENT: L: Low, ML: Medium Low, M: Medium, MH: Medium High, H: High

EAR FLEX: D: Determinate, SD: Semi-Determinate, SF: Semi-Flex, F: Flex

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 DCVIPEZ = Agrisure Duracade® 5122 E-Z Refuge®, SSRIB = SmartStax® RIB Complete® Corn Blend, VT2PRIB = VT Double PRO® RIB Complete® Corn Blend
 DGVT2PRIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend, TRECRIB = Trecepta® RIB Complete® Corn Blend

NEW PRODUCT!

MA8117

TRECRIB

111 RM

DESCRIPTION			
<ul style="list-style-type: none"> Strong grain yields with long, girthy ears and excellent tip fill Excellent in-season field appearance Responds well to fungicide applications 			
PLANT CHARACTERISTICS			
PLANT HEIGHT	MEDIUM		
STALK STRENGTH	8		
ROOT STRENGTH	8		
EMERGENCE	8		
EAR DEVELOPMENT			
EAR PLACEMENT	EAR FLEX		
M	SF		
KERNEL ROWS	TEST WEIGHT		
18-20	7		
ENVIRONMENTAL RESPONSE			
PLANTING POPULATION	28,000-36,000		
DRY DOWN	7		
DROUGHT TOLERANCE	8		
STAYGREEN	9		
DISEASE TOLERANCE			
GLS	7		
NLB	8		
ANTR	8		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓
SOIL ADAPTABILITY			
LIGHT	EXCELLENT		
MEDIUM	EXCELLENT		
HEAVY	EXCELLENT		
POORLY-DRAINED	VERY GOOD		

MA8128

CONVENTIONAL, VT2PRIB, SSRIB

112 RM

DESCRIPTION			
<ul style="list-style-type: none"> Dual-purpose hybrid with tremendous grain and silage yields Excellent stress tolerance especially to heat and drought stress Excellent staygreen and late-season plant intactness Place in moderate to high yield environments 			
PLANT CHARACTERISTICS			
PLANT HEIGHT	MEDIUM-TALL		
STALK STRENGTH	8		
ROOT STRENGTH	8		
EMERGENCE	7		
EAR DEVELOPMENT			
EAR PLACEMENT	EAR FLEX		
M	SF		
KERNEL ROWS	TEST WEIGHT		
16-18	7		
ENVIRONMENTAL RESPONSE			
PLANTING POPULATION	24,000-36,000		
DRY DOWN	8		
DROUGHT TOLERANCE	9		
STAYGREEN	9		
DISEASE TOLERANCE			
GLS	9		
NLB	8		
ANTR	8		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓
SOIL ADAPTABILITY			
LIGHT	VERY GOOD		
MEDIUM	EXCELLENT		
HEAVY	EXCELLENT		
POORLY-DRAINED	EXCELLENT		

MA8141

CONVENTIONAL, DGV2PRIB, SSRIB

114 RM

DESCRIPTION			
<ul style="list-style-type: none"> Dual-purpose for increased flexibility Very high yielding with high test weight for increased profits Excellent yields in productive to moderate environments Very good stalks and roots to increase harvest window 			
PLANT CHARACTERISTICS			
PLANT HEIGHT	MEDIUM-TALL		
STALK STRENGTH	9		
ROOT STRENGTH	9		
EMERGENCE	7		
EAR DEVELOPMENT			
EAR PLACEMENT	EAR FLEX		
M	SD		
KERNEL ROWS	TEST WEIGHT		
16-18	8		
ENVIRONMENTAL RESPONSE			
PLANTING POPULATION	29,000-36,000		
DRY DOWN	7		
DROUGHT TOLERANCE	9		
STAYGREEN	8		
DISEASE TOLERANCE			
GLS	10		
NLB	10		
ANTR	9		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓
SOIL ADAPTABILITY			
LIGHT	EXCELLENT		
MEDIUM	EXCELLENT		
HEAVY	EXCELLENT		
POORLY-DRAINED	EXCELLENT		

NEW PRODUCT!

MA8158

SSRIB

115 RM

DESCRIPTION			
<ul style="list-style-type: none"> Full season leader with excellent agronomics Average northern movement Tremendous late-season appearance with strong disease tolerance Large, girthy, semi-flex ears with great tip fill and high test weight 			
PLANT CHARACTERISTICS			
PLANT HEIGHT	MEDIUM-TALL		
STALK STRENGTH	9		
ROOT STRENGTH	8		
EMERGENCE	7		
EAR DEVELOPMENT			
EAR PLACEMENT	EAR FLEX		
MH	SF		
KERNEL ROWS	TEST WEIGHT		
18-20	10		
ENVIRONMENTAL RESPONSE			
PLANTING POPULATION	29,000-38,000		
DRY DOWN	7		
DROUGHT TOLERANCE	9		
STAYGREEN	8		
DISEASE TOLERANCE			
GLS	8		
NLB	8		
ANTR	8		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓
SOIL ADAPTABILITY			
LIGHT	EXCELLENT		
MEDIUM	EXCELLENT		
HEAVY	EXCELLENT		
POORLY-DRAINED	EXCELLENT		

RATING SCALE 1-10: 1: Poor, 5: Average, 10: Excellent

EAR PLACEMENT: L: Low, ML: Medium Low, M: Medium, MH: Medium High, H: High

EAR FLEX: D: Determinate, SD: Semi-Determinate, SF: Semi-Flex, F: Flex

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DCVIPEZ = Agrisure Duracade® 5122 E-Z Refuge®, SSRIB = SmartStax® RIB Complete® Corn Blend, VT2PRIB = VT Double PRO® RIB Complete® Corn Blend

DGV2PRIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend, TRECRIB = Trecepta® RIB Complete® Corn Blend

CORN SILAGE SUMMARY

PRODUCT	Trait	Maturity	COMPOSITIONAL VALUE								PRODUCTION ADAPTABILITY			YIELD ENVIRONMENT				SOIL ADAPTABILITY			
			Tonnage Potential	NDFd 30hr	% Starch	% Lignin	Harvest Window	Kernel Hardness	Milk/Ton	Milk/Acre	High Moisture	Dairy Adaptation	Beef Adaptation	Tough	Ideal	Marginal	Variable	Light	Medium	Heavy	Poorly-Drained
MA5952	CONV	95	8	7	8	8	VL	MS	VG	EX	EX	VG	VG	X	X	X	X	EX	EX	EX	EX
MA5952VIP3220EZ	VIP3220EZ	95	8	7	8	8	VL	MS	VG	EX	EX	VG	VG	X	X	X	X	EX	EX	EX	EX
MA5000	CONV	100	7	7	8	7	L	MS	VG	VG	EX	VG	VG	X	X	X	-	EX	EX	EX	EX
MA7002HD	CONV/ORG	100	9	10	9	10	VL	S	EX	EX	G	EX	-	-	X	X	X	VG	EX	EX	EX
MA7002HRRR	RR	100	9	10	9	10	VL	S	EX	EX	G	EX	-	-	X	X	X	VG	EX	EX	EX
MA9008	CONV	100	8	8	9	7	MS	MS	VG	EX	EX	EX	VG	X	X	X	X	EX	EX	EX	VG
NEW MA8008VT2PRIB	VT2PRIB	100	8	8	9	7	MS	MS	VG	EX	EX	EX	VG	X	X	X	X	EX	EX	EX	VG
MA8001SSRIB	SSRIB	100	7	7	8	7	MS	MS	VG	VG	VG	VG	EX	X	X	-	X	VG	EX	EX	VG
MA8017VT2PRIB	VT2PRIB	101	9	9	8	8	MS	MS	EX	EX	EX	EX	EX	X	X	X	-	VG	EX	EX	VG
NEW MA5024VIP3110EZ	VIP3110EZ	102	9	8	9	8	L	MS	EX	EX	VG	EX	EX	X	X	X	X	EX	EX	EX	VG
NEW MA5024DCVIPEZ	DCVIPEZ	102	9	8	9	8	L	MS	EX	EX	VG	EX	EX	X	X	X	X	EX	EX	EX	VG
MA8026SSRIB	SSRIB	102	8	7	8	7	ML	MH	VG	VG	VG	VG	EX	X	X	X	-	EX	EX	EX	EX
MA8074VT2PRIB	VT2PRIB	107	7	8	8	7	MS	MS	EX	VG	EX	EX	VG	-	-	X	X	EX	EX	EX	VG
MA8086VT2P	VT2P	108	7	8	7	8	MS	MS	EX	VG	VG	EX	VG	X	X	-	-	G	EX	EX	G
MA5083	CONV	108	9	9	9	8	VL	S	EX	EX	VG	EX	VG	X	X	X	-	VG	EX	EX	EX
MA5083GTCBLL	GTCBLL	108	9	9	9	8	VL	S	EX	EX	VG	EX	VG	X	X	X	-	VG	EX	EX	EX
MA5083DCEZ	DCEZ	108	9	9	9	8	VL	S	EX	EX	VG	EX	VG	X	X	X	-	VG	EX	EX	EX
MA5105GT3	GT3	110	8	8	8	7	ML	S	EX	VG	VG	EX	EX	-	-	-	X	-	-	-	-
MA5129GT3	GT3	112	8	8	8	7	L	MS	EX	EX	EX	EX	EX	X	X	X	-	G	VG	EX	VG
MA9128	CONV	112	10	9	10	8	VL	MS	EX	EX	EX	EX	EX	X	X	X	X	VG	EX	EX	EX
MA8128VT2PRIB	VT2PRIB	112	10	9	10	8	VL	MS	EX	EX	EX	EX	EX	X	X	X	X	VG	EX	EX	EX
MA8128SSRIB	SSRIB	112	10	9	10	8	VL	MS	EX	EX	EX	EX	EX	X	X	X	X	VG	EX	EX	EX
MA9127	CONV	112	8	7	8	7	L	MH	VG	VG	EX	VG	EX	X	X	X	-	VG	VG	EX	EX
MA8127RR	RR	112	8	7	8	7	L	MH	VG	VG	EX	VG	EX	X	X	X	-	VG	VG	EX	EX

RATING SCALE 1-10: 1: Poor, 5: Average, 10: Excellent | VG: Very Good, E: Excellent
 KERNEL HARDNESS: S: Soft, MS: Medium-Soft, M: Medium, MH: Medium-Hard H: Hard
 HARVEST WINDOW: S: Short, MS: Medium-Short, M: Medium, ML: Medium-Long, L: Long

CONV = Conventional, VIP3220EZ = Agrisure Viptera® 3220 E-Z Refuge®, ORG = Organic, RR = Roundup Ready® Corn 2, VT2PRIB = Double PRO® RIB Complete® Corn Blend
 SSRIB = SmartStax® RIB Complete® Corn Blend, VIP3110EZ = Agrisure Viptera® 3110, DCVIPEZ = Agrisure Duracade® 5222 E-Z Refuge®, VT2P = VT Double PRO® Corn, GT = Agrisure® GT
 GTCBLL = Agrisure® GT/CB/LL, GT3 = Agrisure® 3000GT, DGV2PRIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend, GT3VIP = Agrisure Viptera® 3111

PRODUCT	Trait	Maturity	COMPOSITIONAL VALUE								PRODUCTION ADAPTABILITY			YIELD ENVIRONMENT				SOIL ADAPTABILITY			
			Tonnage Potential	NDFd 30hr	% Starch	% Lignin	Harvest Window	Kernel Hardness	Milk/Ton	Milk/Acre	High Moisture	Dairy Adaptation	Beef Adaptation	Tough	Ideal	Marginal	Variable	Light	Medium	Heavy	Poorly-Drained
MA8127VT2PRIB	VT2PRIB	112	8	7	8	7	L	MH	VG	VG	EX	VG	EX	X	X	X	-	VG	VG	EX	EX
MA8127SSRIB	SSRIB	112	8	7	8	7	L	MH	VG	VG	EX	VG	EX	X	X	X	-	VG	VG	EX	EX
MA8121VT2PRIB	VT2PRIB	112	8	8	8	8	L	MS	VG	VG	EX	EX	VG	X	X	X	-	EX	EX	EX	EX
MA9132	CONV	113	9	7	9	8	L	H	VG	EX	VG	VG	EX	X	X	X	X	EX	EX	EX	EX
MA8132VT2PRIB	VT2PRIB	113	9	7	9	8	L	H	VG	EX	VG	VG	EX	X	X	X	X	EX	EX	EX	EX
MA8147SSRIB	SSRIB	114	9	7	8	7	ML	H	VG	VG	VG	VG	EX	-	X	-	X	VG	EX	EX	VG
MA9141	CONV	114	10	8	9	8	L	MH	VG	EX	VG	EX	EX	X	X	X	X	EX	EX	EX	EX
MA8141DGV2PRIB	DGV2PRIB	114	10	8	9	8	L	MH	VG	EX	VG	EX	EX	X	X	X	X	EX	EX	EX	EX
MA8141SSRIB	SSRIB	114	10	8	9	8	L	MH	VG	EX	VG	EX	EX	X	X	X	X	EX	EX	EX	EX
MA9150	CONV	115	9	10	9	8	ML	MS	EX	EX	EX	EX	EX	X	X	X	X	-	EX	EX	VG
MA8150RR	RR	115	9	10	9	8	ML	MS	EX	EX	EX	EX	EX	X	X	X	X	-	EX	EX	VG
MA9151	CONV/ORG	115	9	8	8	7	ML	MH	VG	EX	VG	EX	EX	X	X	X	X	VG	EX	EX	VG
NEW MA8158SSRIB	SSRIB	115	10	7	9	7	L	H	VG	VG	VG	VG	EX	X	X	X	X	EX	EX	EX	EX
MA5155GT3VIP	GT3VIP	115	9	7	9	7	ML	H	VG	VG	EX	VG	EX	X	X	X	X	EX	EX	EX	EX
MA5166	CONV	116	10	9	9	9	VL	MS	EX	EX	EX	EX	EX	X	X	X	X	VG	EX	EX	EX
MA5166GT	GT	116	10	9	9	9	VL	MS	EX	EX	EX	EX	EX	X	X	X	X	VG	EX	EX	EX
MA5166GT3	GT3	116	10	9	9	9	VL	MS	EX	EX	EX	EX	EX	X	X	X	X	VG	EX	EX	EX
MA8163VT2PRIB	VT2PRIB	116	9	7	8	7	ML	H	VG	VG	VG	VG	EX	X	X	X	-	VG	EX	EX	EX
MA8163SSRIB	SSRIB	116	9	7	8	7	ML	H	VG	VG	VG	VG	EX	X	X	X	-	VG	EX	EX	EX
MA5160GT	GT	116	9	7	8	7	ML	H	VG	VG	VG	VG	EX	X	X	X	X	VG	EX	EX	EX
NEW MA5161DCVIPEZ	DCVIPEZ	116	9	9	9	8	L	MS	EX	EX	EX	EX	EX	X	X	X	X	VG	EX	EX	EX
NEW MA5165HD	CONV	116	10	10	10	8	ML	S	EX	EX	EX	EX	EX	X	X	X	X	G	EX	EX	EX
NEW MA5165HDGT3	GT3	116	10	10	10	8	ML	S	EX	EX	EX	EX	EX	X	X	X	X	G	EX	EX	EX

RATING SCALE 1-10: 1: Poor, 5: Average, 10: Excellent | VG: Very Good, E: Excellent
 KERNEL HARDNESS: S: Soft, MS: Medium-Soft, M: Medium, MH: Medium-Hard H: Hard
 HARVEST WINDOW: S: Short, MS: Medium-Short, M: Medium, ML: Medium-Long, L: Long

CONV = Conventional, VIP3220EZ = Agrisure Viptera® 3220 E-Z Refuge®, ORG = Organic, RR = Roundup Ready® Corn 2, VT2PRIB = Double PRO® RIB Complete® Corn Blend
 SSRIB = SmartStax® RIB Complete® Corn Blend, VIP3110EZ = Agrisure Viptera® 3110, DCVIPEZ = Agrisure Duracade® 5222 E-Z Refuge®, VT2P = VT Double PRO® Corn, GT = Agrisure® GT
 GTCBLL = Agrisure® GT/CB/LL, GT3 = Agrisure® 3000GT, DGV2PRIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend, GT3VIP = Agrisure Viptera® 3111

MA5952

CONVENTIONAL, VIP3220

95 RM

DESCRIPTION			
<ul style="list-style-type: none"> › Very good plant health with dual beef and dairy application › Extended harvest window for increased silage quality › Good southern movement allows for an early silage source 			
COMPOSITIONAL VALUE			
TONNAGE POTENTIAL	8		
NDFD 30HR	7		
% STARCH	8		
% LIGNIN	8		
HARVEST WINDOW	KERNEL HARDNESS		
VL	MS		
MILK/TON	MILK/ACRE		
VG	EX		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓

MA7002HD

CONVENTIONAL ORGANIC, RR

100 RM

DESCRIPTION			
<ul style="list-style-type: none"> › Increased leaf area index requires decreased planting populations › Extremely long drydown allows for optimum harvest window › Flourey endosperm in kernel creates a shattering effect when harvested › Shattered kernels in silage allow for a decreased fermentation window 			
COMPOSITIONAL VALUE			
TONNAGE POTENTIAL	9		
NDFD 30HR	10		
% STARCH	9		
% LIGNIN	10		
HARVEST WINDOW	KERNEL HARDNESS		
VL	S		
MILK/TON	MILK/ACRE		
EX	EX		
ENVIRONMENTAL RESPONSE			
TOUGH	MARGINAL	VARIABLE	IDEAL
	✓	✓	✓

NEW PRODUCT!

MA8008

CONVENTIONAL, VT2PRIB

100 RM

DESCRIPTION			
<ul style="list-style-type: none"> › Strong early-season, dual-purpose product with good beef and dairy adaptation › Good early silage hybrid moving south 			
COMPOSITIONAL VALUE			
TONNAGE POTENTIAL	8		
NDFD 30HR	8		
% STARCH	9		
% LIGNIN	7		
HARVEST WINDOW	KERNEL HARDNESS		
MS	MS		
MILK/TON	MILK/ACRE		
VG	EX		
ENVIRONMENTAL RESPONSE			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓

NEW PRODUCT!

MA5024

VIP3110, DCVIPEZ

102 RM

DESCRIPTION			
<ul style="list-style-type: none"> › Increased planting populations allows for higher tonnage potentials › Excellent choice for both beef and dairy operations › Responds well to fungicide applications 			
COMPOSITIONAL VALUE			
TONNAGE POTENTIAL	9		
NDFD 30HR	8		
% STARCH	9		
% LIGNIN	8		
HARVEST WINDOW	KERNEL HARDNESS		
L	MS		
MILK/TON	MILK/ACRE		
EX	EX		
ENVIRONMENTAL RESPONSE			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓

NOTES

RATING SCALE 1-10: 1: Poor, 5: Average, 10: Excellent | VG: Very Good, E: Excellent
KERNEL HARDNESS: S: Soft, MS: Medium-Soft, M: Medium, MH: Medium-Hard H: Hard
HARVEST WINDOW: S: Short, MS: Medium-Short, M: Medium, ML: Medium-Long, L: Long

VIP3110 = Agrisure Viptera® 3110, SSRIB = SmartStax® RIB Complete® Corn Blend, DCVIPEZ = Agrisure Duracade® 5222 E-Z Refuge®, VIP3220 = Agrisure Viptera® 3220 E-Z Refuge®, RR = Roundup Ready® Corn 2, VT2PRIB = Double PRO® RIB Complete® Corn Blend, GT = Agrisure® GT, GTCBLL = Agrisure® GT/CB/LL, DGV2PRIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend, GT3 = Agrisure® 3000GT, DCEZ = Agrisure Duracade® 5122 E-Z Refuge®

MA5083

CONVENTIONAL, GTCBLL, DCEZ **108 RM**

DESCRIPTION			
<ul style="list-style-type: none"> Key mid-season silage product Excellent agronomics for increased harvest potential Very long drydown allows optimum harvest window Very good NDFd 30hr numbers with strong overall tonnage yields 			
COMPOSITIONAL VALUE			
TONNAGE POTENTIAL		9	
NDFD 30HR		9	
% STARCH		9	
% LIGNIN		8	
HARVEST WINDOW		KERNEL HARDNESS	
VL		S	
MILK/TON		MILK/ACRE	
EX		EX	
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓		✓

MA8128

CONVENTIONAL, VT2PRIB, SSRIB **112 RM**

DESCRIPTION			
<ul style="list-style-type: none"> Racehorse silage product with large, girthy semi-flex ears Excellent agronomics for increased harvest potential Best silage compositional values out of any medium - full season product Extended harvest window for increased silage quality Excellent grain and silage yields for operational flexibility 			
COMPOSITIONAL VALUE			
TONNAGE POTENTIAL		10	
NDFD 30HR		9	
% STARCH		10	
% LIGNIN		8	
HARVEST WINDOW		KERNEL HARDNESS	
VL		MS	
MILK/TON		MILK/ACRE	
EX		EX	
ENVIRONMENTAL RESPONSE			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓

MA8141

CONVENTIONAL, DGVT2PRIB, SSRIB **114 RM**

DESCRIPTION			
<ul style="list-style-type: none"> Excellent dual-purpose hybrid with excellent beef adaptability Strong agronomics allow for consistently high grain or silage yields Defensive characteristics allow for silage production on moderate to marginal yield environments Tremendous tonnage potential with large, girthy ear development 			
COMPOSITIONAL VALUE			
TONNAGE POTENTIAL		10	
NDFD 30HR		8	
% STARCH		9	
% LIGNIN		8	
HARVEST WINDOW		KERNEL HARDNESS	
L		MH	
MILK/TON		MILK/ACRE	
VG		EX	
ENVIRONMENTAL RESPONSE			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓

NEW PRODUCT!

MA8158

SSRIB **115 RM**

DESCRIPTION			
<ul style="list-style-type: none"> Strong silage choice for beef producers Excellent agronomics for silage production on stress prone acres Excellent corn-on-corn silage choice 			
COMPOSITIONAL VALUE			
TONNAGE POTENTIAL		10	
NDFD 30HR		7	
% STARCH		9	
% LIGNIN		7	
HARVEST WINDOW		KERNEL HARDNESS	
L		H	
MILK/TON		MILK/ACRE	
VG		VG	
ENVIRONMENTAL RESPONSE			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓

NOTES

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KERNEL HARDNESS: S: Soft, MS: Medium-Soft, M: Medium, MH: Medium-Hard H: Hard
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MA5166

CONVENTIONAL, GT, GT3

116 RM

DESCRIPTION			
<ul style="list-style-type: none"> Key full season silage product for beef and dairy operations Excellent agronomics allow for multi-year consistency for high tonnage potentials Best combination of compositional values and total tonnage yields Extremely long drydown allows for optimum harvest window 			
COMPOSITIONAL VALUE			
TONNAGE POTENTIAL	10		
NDFD 30HR	9		
% STARCH	9		
% LIGNIN	9		
HARVEST WINDOW	KERNEL HARDNESS		
VL	MS		
MILK/TON	MILK/ACRE		
EX	EX		
YIELD ENVIRONMENT			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓

MA5161

DCVIPEZ

116 RM

DESCRIPTION			
<ul style="list-style-type: none"> Very good agronomics with dual beef and dairy applications Excellent southern movement Excellent corn-on-corn opportunity 			
COMPOSITIONAL VALUE			
TONNAGE POTENTIAL	9		
NDFD 30HR	9		
% STARCH	9		
% LIGNIN	8		
HARVEST WINDOW	KERNEL HARDNESS		
L	MS		
MILK/TON	MILK/ACRE		
EX	EX		
ENVIRONMENTAL RESPONSE			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓

NEW PRODUCT!

MA5165HD

CONVENTIONAL, GT3

116 RM

DESCRIPTION			
<ul style="list-style-type: none"> First full season Highly Digestible launch Very tall hybrid with large, highly productive ears placed high on plant Handles higher planting population than other Highly Digestible products Watch late-season stalks and roots 			
COMPOSITIONAL VALUE			
TONNAGE POTENTIAL	10		
NDFD 30HR	10		
% STARCH	10		
% LIGNIN	8		
HARVEST WINDOW	KERNEL HARDNESS		
ML	S		
MILK/TON	MILK/ACRE		
EX	EX		
ENVIRONMENTAL RESPONSE			
TOUGH	MARGINAL	VARIABLE	IDEAL
✓	✓	✓	✓



NOTES

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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 agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has 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 necessary 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.

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

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge **except** in the Cotton-Growing Area where corn earworm is a significant pest. SmartStax® RIB Complete® corn blend is not allowed to be sold for planting in the Cotton-Growing Area. **See the IRM/ Grower Guide for additional information. Always read and follow IRM requirements.**

DroughtGard® Hybrids with RIB Complete® corn blend the refuge seed may not always contain DroughtGard® Hybrids trait.

Insect control technology provided by **Vip3A** is utilized under license from Syngenta Crop Protection AG. Agrisure Viptera® is a registered trademark of a Syngenta group company.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready technology contain genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate.

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Seed Piracy Statement: Seed containing a patented trait can only be used to plant a single commercial crop from which seed cannot be saved and replanted. Examples of seed containing a patented trait include but are not limited to Roundup Ready 2 Yield® soybeans and Roundup Ready 2 Xtend® soybeans. Additional information and limitations on the use of these products are provided in the Monsanto Technology Stewardship Agreement and the Monsanto Technology Use Guide. U.S. patents for Monsanto technologies can be found at the following webpage: <http://www.monsantotechnology.com>.

Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Roundup Ready 2 Yield®, DroughtGard®, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready®, Roundup®, SmartStax and Design®, SmartStax®, Trecepta® RIB Complete®, and VT Double PRO® are trademarks of Bayer Group. LibertyLink® and the Water Droplet Design® are registered trademarks of BASF Corporation. Herculex® is a registered trademark of Corteva AgroSciences LLC. Agrisure Viptera® is a registered trademark of Syngenta. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. All other trademarks are the property of their respective owners



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 Artesian®, Agrisure Duracade®, Agrisure Viptera®, Artesian™ and E-Z Refuge® are registered trademarks of a Syngenta Group Company.

More information about Agrisure Duracade® is available at www.biotradestatus.com.

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, postemergent weed control of Liberty® herbicide for optimum yield and excellent weed control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF Corporation.



Agrisure® Technology incorporated into these seeds is commercialized under license from Syngenta Seeds, Inc. Herculex® Technology incorporated into these seeds is commercialized under license from Dow AgroSciences LLC. HERCULEX® and the HERCULEX Shield are trademarks of Dow AgroSciences LLC.



Important: Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties. Please check with your local extension service to ensure registration status.

Seeds containing the LibertyLink® trait may be protected under one or more U.S. patents and may be planted only to produce one (1) commercial crop in a single season, and only after signing a BASF Grower Technology Agreement. It is illegal to save seeds containing the LibertyLink trait for use as planting seed or for transfer to others for use as planting seed.

LibertyLink® GT27® soybeans offer triple stack tolerance to Liberty, glyphosate, and, in select counties specified on the label, the first HPPD based herbicide for soybeans—Alite™ 27. Other HPPD herbicides not labeled for use with LibertyLink GT27 or isoxaflutole-resistant soybeans may cause significant crop injury. Alite 27 herbicide is only available for use in labeled counties.



Always read and follow label directions. Alite 27 is a restricted use herbicide. Alite, Liberty, and LibertyLink are registered trademarks of BASF. GT27 is a registered trademark of M.S. Technologies, L.L.C. MS Technologies is a trademark of M.S. Technologies, L.L.C. ©2020 BASF Corporation / M.S. Technologies, L.L.C. All Rights Reserved. APN 20-INT-0014

LibertyLink GT27 is not tolerant to all HPPD herbicides. Alite™27 herbicide from BASF is the first HPPD herbicide for use on GT27 and LibertyLink GT27 soybeans is currently available in select counties in certain states.

DuPont™ and STS® are trademarks of DuPont or its affiliates.

STS®

herbicide tolerant trait

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

SOYBEAN VARIETY SUMMARY

	PRODUCT	RELATIVE MATURITY	VALUE TRAITS				PLANT CHARACTERISTICS						ENVIRONMENT RESPONSE			
			RR/GT Tolerance	LL Tolerance	STS Tolerance	2,4-D Tolerance	Plant Height	Growth Habit	Pod Color	Flower Color	Hilum Color	Pubescence Color	Emergence	Seed Shatter	Standability	Salt Tolerance
NEW	MAS2920E3	2.9	X	X	-	X	M	INT	BR	W	BF	G	7	-	6	-
	MAS3058GT	3.0	X	-	-	-	M	B	T	P	IBL	G	7	6	7	-
NEW	MAS3220E3	3.2	X	X	-	X	MT	IB	BR	P	BR	LT	8	-	6	INCLUDER
	MAS3599GT	3.5	X	-	-	-	MT	IB	T	P	BL	LT	7	8	7	INCLUDER
	MAS3600E3/STS	3.6	X	X	X	X	MT	IN	BR	W	BF	G	9	7	8	-
	MAS3717GT	3.7	X	-	-	-	M	IB	T	W	BL	LT	8	8	7	-
	MAS3718RR2/X	3.7	X	-	-	-	MT	INT	BR	P	BL	LT	6	8	7	-
NEW	MAS3720E3/STS	3.7	X	X	X	X	M	IB	BR	W	BR	LT	7	-	7	INCLUDER
	MAS3818GT/LL/STS	3.8	X	X	X	-	M	INT	T	P	BL	LT	8	-	7	EXCLUDER
	MAS4010STS	4.0	-	-	X	-	T	B	T	W	BL	T	7	8	9	-
	MAS4077GT/STS	4.0	X	-	X	-	MT	B	T	P	BL	LT	8	8	8	-
NEW	MAS4120E3	4.1	X	X	-	X	M	IN	BR	W	BR	LT	7	-	7	INCLUDER
NEW	MAS4320E3/STS	4.3	X	X	X	X	M	IN	BR	W	BL	LT	7	-	7	INCLUDER
	MAS4399GT/STS	4.3	X	-	X	-	T	IB	BR	P	BL	LT	7	8	7	-
	MAS4675E3/STS	4.6	X	X	X	X	MT	INT	BR	P	IBL	G	7	-	6	EXCLUDER
	MAS4666GT	4.6	X	-	-	-	T	B	BR	P	BL	T	8	8	6	INCLUDER
	MAS4700GT/STS	4.7	X	-	X	-	M	B	BR	P	BL	LT	7	8	7	-
NEW	MAS4820E3/STS	4.8	X	X	X	X	M	IN	BR	W	BF	G	8	-	6	INCLUDER
NEW	MAS4811E3/STS	4.8	X	X	X	X	T	INT	BR	W	BF	G	7	-	6	INCLUDER

RATING SCALE 1-10: 1: Poor, 5: Average, 10: Excellent | (-): Not Available | EX: Excellent

PLANT HEIGHT: M: Medium, MT: Medium-Tall, T: Tall | GROWTH HABIT: N: Narrow, IN: Intermediate Narrow, INT: Intermediate, IB: Intermediate Bush, B: Bush

COLORS: P: Purple, W: White, IBL: Imperfect Black, BL: Black, G: Gray, LT: Lt. Tawny, T: Tawny, BF: Buff, BR: Brown

DISEASE MANAGEMENT: NR: Not Resistant, R: Resistant, MR: Moderately Resistant, MS: Moderately Susceptible

E3 = Enlist E3® Soybeans, GT = Glyphosate™ Tolerant, LL = LibertyLink® Soybeans

RR = Roundup Ready 2 Yield® Soybeans, STS = Sulfonyleurea™ Tolerant

DISEASE MANAGEMENT						AGRONOMIC CHARACTERISTICS				SOIL ADAPTABILITY				RELATIVE MATURITY	PRODUCT
Soybean Cyst Nematode Resistance	Phytophthora Root Rot Gene	Phytophthora Root Rot Field Tolerance	Sudden Death Syndrome	Southern Stem Canker	Frog Eye Leaf Spot	No-Till	Narrow Rows	Wide Rows	Double Crop	Light	Medium	Heavy	Poorly-Drained		
MR	Rps 1a	7	5	-	6	X	X	X	-	EX	EX	EX	EX	2.9	MAS2920E3 <small>NEW</small>
S	Rps 1k	6	-	-	-	X	-	X	X	VG	EX	EX	EX	3.0	MAS3058GT
MR	NG	8	6	R	6	X	-	X	-	EX	EX	EX	EX	3.2	MAS3220E3 <small>NEW</small>
-	Rps 1k	7	7	-	-	X	X	X	X	EX	EX	EX	VG	3.5	MAS3599GT
MR	Rps 1k	9	6	R	9	X	X	-	X	EX	EX	EX	EX	3.6	MAS3600E3/STS
R	Rps 1k	-	6	-	-	X	X	X	X	-	EX	EX	-	3.7	MAS3717GT
R	-	6	6	-	8	X	X	X	-	EX	EX	EX	-	3.7	MAS3718RR2/X
MR	Rps 1k	5	6	R	8	X	X	X	X	EX	EX	EX	EX	3.7	MAS3720E3/STS <small>NEW</small>
R	Rps 1c	6	7	-	-	X	X	X	X	EX	EX	EX	-	3.8	MAS3818GT/LL/STS
MR	Rps 1c	6	6	-	-	X	-	X	-	-	EX	EX	-	4.0	MAS4010STS
R	NG	6	6	-	-	X	X	X	X	EX	EX	EX	EX	4.0	MAS4077GT/SS
MR	NG	6	7	R	8	X	X	-	-	-	EX	EX	EX	4.1	MAS4120E3 <small>NEW</small>
MR	NG	6	7	R	8	X	X	-	X	-	EX	EX	-	4.3	MAS4320E3/STS <small>NEW</small>
MR	-	7	-	-	-	-	X	X	X	EX	EX	EX	-	4.3	MAS4399GT/STS
MR	NG	6	7	R	7	X	-	-	X	-	EX	EX	-	4.6	MAS4675E3/STS
R	Rps 1c	6	6	-	-	X	-	X	-	-	EX	EX	-	4.6	MAS4666GT
R	Rps 1c	7	7	-	-	X	-	X	X	-	EX	EX	-	4.7	MAS4700GT/STS
MR	NG	6	6	R	8	X	X	-	X	-	EX	EX	-	4.8	MAS4820E3/STS <small>NEW</small>
MS	NG	6	7	R	9	X	X	X	X	-	EX	EX	-	4.8	MAS4811E3/STS <small>NEW</small>

RATING SCALE 1-10: 1: Poor, 5: Average, 10: Excellent | (-): Not Available | EX: Excellent

PLANT HEIGHT: M: Medium, MT: Medium-Tall, T: Tall | **GROWTH HABIT:** N: Narrow, IN: Intermediate Narrow, INT: Intermediate, IB: Intermediate Bush, B: Bush

COLORS: P: Purple, W: White, IBL: Imperfect Black, BL: Black, G: Gray, LT: Lt. Tawny, T: Tawny, BF: Buff, BR: Brown

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E3 = Enlist E3[®] Soybeans, **GT** = Glyphosate[™] Tolerant, **LL** = LibertyLink[®] Soybeans

RR = Roundup Ready 2 Yield[®] Soybeans, **STS** = Sulfonyleurea[™] Tolerant

NEW PRODUCT!

MAS2920

E3

2.9 RM

DESCRIPTION	
<ul style="list-style-type: none"> Tremendous yield potential with excellent southern movement Attractive plant with medium height and intermediate growth habit Responds well to fungicide applications 	
VALUE TRAITS	
RR/GT	LL STS 2,4-D
✓	✓ ✓ ✓
PLANT CHARACTERISTICS	
PLANT HEIGHT	GROWTH HABIT
M	INT
ENVIRONMENT RESPONSE	
EMERGENCE	7
STANDABILITY	6
DISEASE MANAGEMENT	
SOYBEAN CYST NEMATODE RESISTANCE	MR
PHYTOPHTHORA ROOT ROT GENE	RPS 1A
BROWN STEM ROT TOLERANCE	-
POORLY-DRAINED	EX
FROG EYE LEAF SPOT	6
SUDDEN DEATH	5
AGRONOMIC CHARACTERISTICS	
NO-TILL	NARROW ROWS
✓	✓
WIDE ROWS	DOUBLE CROP
✓	
SOIL ADAPTABILITY	
LIGHT	EX
MEDIUM	EX
HEAVY	EX
POORLY-DRAINED	EX

NEW PRODUCT!

MAS3220

E3

3.2 RM

DESCRIPTION	
<ul style="list-style-type: none"> High yielding soybean with defensive traits to protect yield in any environment Medium-tall plant height with strong lateral branching Excellent stress tolerance and emergence Excellent southern movement 	
VALUE TRAITS	
RR/GT	LL STS 2,4-D
✓	✓ ✓ ✓
PLANT CHARACTERISTICS	
PLANT HEIGHT	GROWTH HABIT
MT	IB
ENVIRONMENT RESPONSE	
EMERGENCE	8
STANDABILITY	6
DISEASE MANAGEMENT	
SOYBEAN CYST NEMATODE RESISTANCE	MR
PHYTOPHTHORA ROOT ROT GENE	NG
BROWN STEM ROT TOLERANCE	MR
POORLY-DRAINED	EX
FROG EYE LEAF SPOT	6
WHITE MOLD TOL.	5
SUDDEN DEATH	6
AGRONOMIC CHARACTERISTICS	
NO-TILL	NARROW ROWS
✓	✓
WIDE ROWS	DOUBLE CROP
✓	
SOIL ADAPTABILITY	
LIGHT	EX
MEDIUM	EX
HEAVY	EX
POORLY-DRAINED	EX

MAS3600

E3/STS

3.6 RM

DESCRIPTION	
<ul style="list-style-type: none"> Top-end mid-group three soybean with excellent agronomics Attractive in-season field appearance Excellent stress tolerance with strong emergence Moves well both north and south Performs in both low and high yield environments 	
VALUE TRAITS	
RR/GT	LL STS 2,4-D
✓	✓ ✓ ✓
PLANT CHARACTERISTICS	
PLANT HEIGHT	GROWTH HABIT
MT	IN
ENVIRONMENT RESPONSE	
EMERGENCE	9
SEED SHATTER	7
STANDABILITY	8
DISEASE MANAGEMENT	
SOYBEAN CYST NEMATODE RESISTANCE	MR
PHYTOPHTHORA ROOT ROT GENE	RPS 1K
BROWN STEM ROT TOLERANCE	-
POORLY-DRAINED	EX
FROG EYE LEAF SPOT	9
SUDDEN DEATH	6
AGRONOMIC CHARACTERISTICS	
NO-TILL	NARROW ROWS
✓	✓
WIDE ROWS	DOUBLE CROP
	✓
SOIL ADAPTABILITY	
LIGHT	EX
MEDIUM	EX
HEAVY	EX
POORLY-DRAINED	EX

NEW PRODUCT!

MAS3720

E3/STS

3.7 RM

DESCRIPTION	
<ul style="list-style-type: none"> High yielding soybean with strong agronomics and high stress tolerance Medium plant height with strong lateral branching Excellent stress tolerance Strong Frog Eye Leaf Spot resistance 	
VALUE TRAITS	
RR/GT	LL STS 2,4-D
✓	✓ ✓ ✓
PLANT CHARACTERISTICS	
PLANT HEIGHT	GROWTH HABIT
M	IB
ENVIRONMENT RESPONSE	
EMERGENCE	7
STANDABILITY	7
DISEASE MANAGEMENT	
SOYBEAN CYST NEMATODE RESISTANCE	MR
PHYTOPHTHORA ROOT ROT GENE	RPS 1K
BROWN STEM ROT TOLERANCE	-
POORLY-DRAINED	EX
FROG EYE LEAF SPOT	8
SUDDEN DEATH	6
AGRONOMIC CHARACTERISTICS	
NO-TILL	NARROW ROWS
✓	✓
WIDE ROWS	DOUBLE CROP
✓	✓
SOIL ADAPTABILITY	
LIGHT	EX
MEDIUM	EX
HEAVY	EX
POORLY-DRAINED	EX

RATING SCALE 1-10: 1: Poor, 5: Average, 10: Excellent | (-): Not Available | EX: Excellent

PLANT HEIGHT: M: Medium, MT: Medium-Tall, T: Tall

GROWTH HABIT: N = Narrow, IN = Intermediate Narrow, INT - Intermediate, IB = Intermediate Bush, B = Bush

DISEASE MANAGEMENT: NR: Not Resistant, R: Resistant, MR: Moderately Resistant, MS: Moderately Susceptible

E3 = Enlist E3® Soybeans, GT = Glyphosate™ Tolerant, LL = LibertyLink® Soybeans

RR = Roundup Ready 2 Yield® Soybeans, STS = Sulfonyleurea™ Tolerant

MAS3818

GT/LL/STS **3.8 RM**

DESCRIPTION	
<ul style="list-style-type: none"> Top-end yield potential Strong defensive package with PRR Resistance, good SDS, and SCN tolerance Excellent emergence 	
VALUE TRAITS	
RR/GT	LL STS 2,4-D
✓	✓ ✓
PLANT CHARACTERISTICS	
PLANT HEIGHT	GROWTH HABIT
M	INT
ENVIRONMENT RESPONSE	
EMERGENCE	8
STANDABILITY	7
DISEASE MANAGEMENT	
SOYBEAN CYST NEMATODE RESISTANCE	R
PHYTOPHTHORA ROOT ROT GENE	RPS 1C
BROWN STEM ROT TOLERANCE	-
POORLY-DRAINED	-
SUDDEN DEATH	7
AGRONOMIC CHARACTERISTICS	
NO-TILL	NARROW ROWS
✓	✓
WIDE ROWS	DOUBLE CROP
✓	✓
SOIL ADAPTABILITY	
LIGHT	EX
MEDIUM	EX
HEAVY	EX
POORLY-DRAINED	-

NEW PRODUCT!

MAS4120

E3 **4.1 RM**

DESCRIPTION	
<ul style="list-style-type: none"> Tremendous yield potential with excellent plant health Attractive in-season field appearance with an intermediate-narrow growth habit Excellent stress tolerance Excellent Sudden Death Syndrome tolerance 	
VALUE TRAITS	
RR/GT	LL STS 2,4-D
✓	✓ ✓
PLANT CHARACTERISTICS	
PLANT HEIGHT	GROWTH HABIT
M	IN
ENVIRONMENT RESPONSE	
EMERGENCE	7
STANDABILITY	7
DISEASE MANAGEMENT	
SOYBEAN CYST NEMATODE RESISTANCE	MR
PHYTOPHTHORA ROOT ROT GENE	NG
BROWN STEM ROT TOLERANCE	-
POORLY-DRAINED	EX
FROG EYE LEAF SPOT	8
SUDDEN DEATH	7
AGRONOMIC CHARACTERISTICS	
NO-TILL	NARROW ROWS
✓	✓
WIDE ROWS	DOUBLE CROP
	✓
SOIL ADAPTABILITY	
LIGHT	-
MEDIUM	EX
HEAVY	EX
POORLY-DRAINED	EX

NEW PRODUCT!

MAS4320

E3/STS **4.3 RM**

DESCRIPTION	
<ul style="list-style-type: none"> Strong yields with defensive characteristics to protect yields in tough environments Excellent southern movement and stress tolerance Includer soybean 	
VALUE TRAITS	
RR/GT	LL STS 2,4-D
✓	✓ ✓
PLANT CHARACTERISTICS	
PLANT HEIGHT	GROWTH HABIT
M	IN
ENVIRONMENT RESPONSE	
EMERGENCE	7
STANDABILITY	7
DISEASE MANAGEMENT	
SOYBEAN CYST NEMATODE RESISTANCE	MR
PHYTOPHTHORA ROOT ROT GENE	NG
BROWN STEM ROT TOLERANCE	-
POORLY-DRAINED	-
FROG EYE LEAF SPOT	8
SUDDEN DEATH	7
AGRONOMIC CHARACTERISTICS	
NO-TILL	NARROW ROWS
✓	✓
WIDE ROWS	DOUBLE CROP
	✓
SOIL ADAPTABILITY	
LIGHT	-
MEDIUM	EX
HEAVY	EX
POORLY-DRAINED	-

NEW PRODUCT!

MAS4820

E3/STS **4.8 RM**

DESCRIPTION	
<ul style="list-style-type: none"> Attractive in-season field appearance with an intermediate-narrow growth habit Excellent emergence with very good stress tolerance 	
VALUE TRAITS	
RR/GT	LL STS 2,4-D
✓	✓ ✓
PLANT CHARACTERISTICS	
PLANT HEIGHT	GROWTH HABIT
M	IN
ENVIRONMENT RESPONSE	
EMERGENCE	8
STANDABILITY	6
DISEASE MANAGEMENT	
SOYBEAN CYST NEMATODE RESISTANCE	MR
PHYTOPHTHORA ROOT ROT GENE	NG
BROWN STEM ROT TOLERANCE	-
POORLY-DRAINED	-
FROG EYE LEAF SPOT	8
SUDDEN DEATH	6
AGRONOMIC CHARACTERISTICS	
NO-TILL	NARROW ROWS
✓	✓
WIDE ROWS	DOUBLE CROP
	✓
SOIL ADAPTABILITY	
LIGHT	-
MEDIUM	EX
HEAVY	EX
POORLY-DRAINED	-

RATING SCALE 1-10: 1: Poor, 5: Average, 10: Excellent | (-): Not Available | EX: Excellent

PLANT HEIGHT: M: Medium, MT: Medium-Tall, T: Tall

GROWTH HABIT: N = Narrow, IN = Intermediate Narrow, INT - Intermediate, IB = Intermediate Bush, B = Bush

DISEASE MANAGEMENT: NR: Not Resistant, R: Resistant, MR: Moderately Resistant, MS: Moderately Susceptible

E3 = Enlist E3[®] Soybeans, GT = Glyphosate[™] Tolerant, LL = LibertyLink[®] Soybeans

RR = Roundup Ready 2 Yield[®] Soybeans, STS = Sulfonylurea[™] Tolerant

NEW PRODUCT!

MAS4811

E3/STS

4.8 RM

DESCRIPTION	
<ul style="list-style-type: none"> > Tall plant height with strong lateral branching > Strong agronomics with excellent Frog Eye Leaf Spot resistance > Stem Canker resistance > Excluder soybean 	
VALUE TRAITS	
RR/GT	LL
✓	✓
STS	2,4-D
✓	✓
PLANT CHARACTERISTICS	
PLANT HEIGHT	GROWTH HABIT
T	INT
ENVIRONMENT RESPONSE	
EMERGENCE	7
STANDABILITY	6
DISEASE MANAGEMENT	
SOYBEAN CYST NEMATODE RESISTANCE	MS
PHYTOPHTHORA ROOT ROT GENE	NG
BROWN STEM ROT TOLERANCE	R
POORLY-DRAINED	-
FROG EYE LEAF SPOT	9
SUDDEN DEATH	7
AGRONOMIC CHARACTERISTICS	
NO-TILL	NARROW ROWS
✓	✓
WIDE ROWS	DOUBLE CROP
✓	✓
SOIL ADAPTABILITY	
LIGHT	-
MEDIUM	EX
HEAVY	EX
POORLY-DRAINED	-

The Enlist™ System - Get Control of Tough Weeds



- New 2,4-D Choline
- Glyphosate
- Glufosinate

Following burndown, Enlist Duo® and Enlist One® with Colex-D® technology are the only herbicides containing 2,4-D that are labeled for preemergence and postemergence use with Enlist E3™ soybeans.



- Convenient blend of 2,4-D choline and glyphosate
- Two modes of action to deliver control and help prevent resistance in your fields



- Straight-goods 2,4-D choline with additional tank-mix flexibility
- Ability to tank-mix with Liberty® herbicide and other qualified herbicides, customizing the ratio of herbicides to match each farm's needs

On-Target Applications

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

NOTES

RATING SCALE 1-10: 1: Poor, 5: Average, 10: Excellent | (-): Not Available | EX: Excellent

PLANT HEIGHT: M: Medium, MT: Medium-Tall, T: Tall

GROWTH HABIT: N = Narrow, IN = Intermediate Narrow, INT - Intermediate, IB = Intermediate Bush, B = Bush

DISEASE MANAGEMENT: NR: Not Resistant, R: Resistant, MR: Moderately Resistant, MS: Moderately Susceptible

E3 = Enlist E3® Soybeans, GT = Glyphosate™ Tolerant, LL = LibertyLink® Soybeans

RR = Roundup Ready 2 Yield® Soybeans, STS = Sulfonylurea™ Tolerant



Think Before You Bin Run

Verification Required The last patent on the original Roundup Ready® soybean trait expired a few years ago and U.S. farmers may legally plant saved seed from some varieties of soybean containing the Roundup Ready® soybean trait. However, it is important that you check with your seed supplier to determine if a specific Roundup Ready® soybean variety is covered by other intellectual property rights, and if so, the policy for saving seed of that variety.

Higher Seeding Rate A higher seeding rate may be required for bin-run Roundup Ready® soybeans compared to new branded seed.

Yield Loss Roundup Ready 2 Yield® soybean varieties and Roundup Ready 2 Xtend® soybean varieties typically have a higher yield opportunity than Roundup Ready® soybean varieties*.

Cleanout Loss Loss of seed and/or shrink occurs during the seed cleaning and handling processes for bin-run seed.

Seed Treatment Costs Treating your seed will add costs—both the cost of the treatment and the application of that treatment.

Lost Income Every bushel of saved seed you plant is a bushel you're not selling as commodity grain.

Increased Seed Management If you plan to save and bin-run Roundup Ready® soybeans for planting, you will have to manage your harvest operations and grain storage so that the seed isn't co-mingled with other seed that's covered by intellectual property rights.

High Value of New Branded Seed

LATEST TECHNOLOGY

- // High-yielding soybean technologies
- // Better variety options
- // Leading seed treatment options

CUSTOMER SERVICE

- // Dealer agronomic support before and after the sale
- // Replant policy support
- // Convenient packaging and delivery

RELIABLE GERMINATION AND QUALITY

- // Rigorously tested and meets U.S. Federal Seed Act requirements
- // Free of seed-borne diseases
- // Properly stored and conditioned

Monsanto** receives calls and letters each year about potential seed compliance matters. Anyone with a concern or question can anonymously call 1-800-768-6387.

*Roundup Ready 2 Yield® soybeans and Roundup Ready 2 Xtend® soybeans are covered by different patents than original Roundup Ready® soybeans and cannot be saved and planted.

For more information about seed innovation and intellectual property protection, please visit www.seedipalliance.com.

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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. 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 Roundup Ready 2 Xtend® soybeans.

Roundup Ready technology contains genes that confer tolerance to glyphosate, an active ingredient in **Roundup® brand agricultural herbicides.** **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. **Glyphosate** will kill crops that are not tolerant to glyphosate. **Dicamba** will kill crops that are not tolerant to dicamba. Contact your seed brand dealer or refer to the Monsanto Technology Use Guide for recommended weed control programs.

Bayer, Bayer Cross, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready® and Roundup® are registered trademarks of Bayer Group.

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You're buying more than just seed. You're getting value today and innovation for tomorrow.

COMMITMENT. INNOVATION. PERFORMANCE.



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