ROB SEE CO

EVERY FARM. EVERY CROP. EVERY ACRE.



2023-2024 **SEED GUIDE**

A MESSAGE FROM **ROB & JIM ROBINSON**

EVERY FARM. EVERY CROP. EVERY ACRE.

As agriculture gets more complex, you look for ways to simplify access to the seed, inputs and strategies you need to succeed. So do we. That's why we continue to make investments that demonstrate just how seriously we take our growth – and yours.

Rob-See-Co's acquisition of lowa-based Federal Hybrids makes us the 14th largest corn seed company in the United States. It also brings increased efficiencies and greater buying power, increased access to genetics, and product development capabilities. Combined with our current corn portfolio, soybean platform options, Masters Choice specialty silage and forage products, as well as Streamline Ag seed-driven crop inputs – it results in our ability to more precisely match our customers' needs.



Our approach to offering the traits and platforms, and crop inputs that our customers want most – along with services like field-by-field planning – has enabled Rob-See-Co to become a best-in-class partner to growers, distributors, and dealers alike. That means you never have to choose between the performance you need and the people you want to do business with.

Rob Robinson *Chief Executive Officer* **Jim Robinson** *Chief Technology Officer*

EVERY FARM. EVERY CROP. EVERY ACRE.

There's no such thing as one-and-done in farming. That's why you continue to look for ways to improve performance and yield – season after season. Rob-See-Co is here to help with ongoing investments in the areas that deliver the greatest ROI for your operation. So no matter where you farm, the crops you grow, or the field conditions you face, Rob-See-Co has the formula that makes the most sense for your operation – all from a single resource.

Technology and trait platforms, along with regional trialing and research, ensure performance connects you with top-tier products specific to your needs.

Streamline Ag ensures you're able to access seed-driven crop inputs that deliver the results you need, at every point in the growing season.

Field-by-field planning enables you to select the right hybrids and varieties, along with the crop inputs and management practices, to maximize results.





UNLEASH YOUR HYBRID'S GENETIC POTENTIAL

EVERY FARM. EVERY CROP. EVERY ACRE.

Why allow pests and gaps in rainfall to tear into your crop's performance? Rob-See-Co provides the traits you need, delivering innovative technology that is selected for your farm. So, you're able to overcome your greatest challenges with some of the most innovative trait technologies that also deliver on yield. Your Rob-See-Co representative can tell you more about how to deploy these traits to your strategic advantage.

	IN	ISECTS CONTROLL	ED		HERBICIDE	TOLERANCE		REFUGE RE	QUIREMENTS
TRAIT STACK NAME	Broad Lep	Corn Borer	Rootworm	Glyphosate	Glufosinate	2,4-D	FOPS	CORN GROWING REGIONS	COTTON GROWING REGIONS
No GM traits									
Artesian [®]	-	-	-	-	-	-	-	None required	None required
Conventional	-	-	-	-	-	-	-	None required	None required
Herbicide tolerant only									
Agrisure [®] GT	-	-	-	1	-	-	-	None required	None required
Agrisure [®] GT/LL	-	-	-	1	1	-	-	None required	None required
Roundup Ready [®] Corn 2	-	-	-	1	-	-	-	None required	None required
Above-ground insect control									
Agrisure [®] 3010	-	1	-	1	1	-	-	20% within 1/2 mile	50% within 1/2 mile
Agrisure Viptera [®] 3110	1*	1	-	1	1	-	-	20% within 1/2 mile	20% within 1/2 mile
Agrisure [®] Above	1	2	-	1	1	-	-	5% in the bag	20% within 1/2 mile
DroughtGard $^{\circ}$ Hybrids with VT Double PRO $^{\circ}$ RIB Complete $^{\circ}$	2	2	-	1	-	-	-	5% in the bag	20% within 1/2 mile
PowerCore [®] Enlist [®] Refuge Advanced [®]	3	3	-	1	1	1	1	5% in the bag	20% within 1/2 mile
Trecepta® RIB Complete®	3*	2	-	1	-	-	-	5% in the bag	20% within 1/2 mile
Viptera®	2*	2	-	1	1	-	-	5% in the bag	20% within 1/2 mile
Viptera [®] Z3	3*	3	-	1	1	-	-	5% in the bag	20% within 1/2 mile
VT Double PRO [®] RIB Complete [®]	2	2	-	1	-	-	-	5% in the bag	20% within 1/2 mile
Above and below-ground insect control									
Agrisure [®] Total	1	2	2	1	1	-	-	5% in the bag	20% in field/adjacent
Duracade®	1	2	2	1	1	-	-	5% in the bag	20% in field/adjacent
DuracadeViptera	2*	2	2	1	1	-	-	5% in the bag	20% in field/adjacent
SmartStax® RIB Complete®	3	3	2	1	1	-	-	5% in the bag	20% in field/adjacent
SmartStax [®] PRO RIB Complete [®]	3	3	3	1	1	-	-	5% in the bag	20% in field/adjacent

* Contains Vip3A for unsurpassed above-ground pest control Numbers 1, 2, or 3 equal number of modes of action in hybrid.

CORN TRAIT **TECHNOLOGY**

Innovative corn traits that target the issues you face.

When it comes to trait platforms, farmers know what they want and what they need to take on the challenges they face. Rob-See-Co delivers some of the industry's most innovative trait platforms. And, our local Rob-See-Co reps help with recommendations that offer the most powerful defense, while maximizing yield potential.

Above Ground

PowerCore® Enlist®

Protect against above-ground pests and the toughest weeds in your field with a comprehensive trait package, three modes of action, and tolerance to multiple herbicides – including glyphosate, glufosinate, 2,4-D choline, and FOPS.

Trecepta® Technology

Control above-ground insects through multiple modes of action – especially European and southwestern corn borers, fall armyworm, western bean cutworm, corn earworm, and black cutworm.

Viptera®



Trecepta°

POWERC

Fight ear, leaf, and stalk pests with the industry's most comprehensive above-ground insect control. Viptera[®] won't leave crops open to molds and mycotoxins, protecting grain quality.

Above and Below Ground

Duracade®



An essential tool for corn rootworm management, Duracade[®] is stacked with two modes of action for dual modes of control. A more robust root system ensures healthier plants, too.

SmartStax® PRO with RNAi Technology



Next generation SmartStax[®] PRO with RNAi technology adds the industry's first RNAi-based mode of action to target corn rootworm with three modes of action, along with above-ground protection against European and southwest corn borer, fall armyworm, black cutworm, and corn earworm.

CORN HYBRIDS

CORN HYBRID BRANDS: Rob-See-Co° | Innotech®

EVERY FARM. Every crop. Every acre.

Success starts with the right seed.

You've heard it before – what you put into it makes a big difference in what you get out of it. This season's success starts with the seed you select. When it comes to corn, Rob-See-Co gives you more of the proven products you want and the newest high-yielding hybrids you need. Take a look at our line-up to see how it's designed to help you overcome the greatest challenges you face. And because every field is not the same, talk to your local Rob-See-Co representative to make the best selections for you.

BRAND	RELAT	IVE MAT	URITY			AGRONO	оміс сн	ARACTE	RISTICS	5		CHAR	PLANT ACTERIS	STICS		CHAI	DISEASE Racteri:	STICS		PLANTING Rate			PRODU	JCT FIT			GEO
	RM	RM to Silk	RM to Blacklayer	Emergence	Seedling Vigor	Root Strength	Stalk Strength	Green Snap	Staygreen	Drydown	Drought Tolerance	Plant Height	Ear Height	Test Weight	Gray Leaf Spot	Goss's Wilt	Northern Corn Leaf Blight	Tar Spot	Fungicide Response in Absence of Disease	Planting Rate Guidelines	Highly Productive Soils	Variable Soils	Poorly Drained Soils	High pH Soils	Corn on Corn: Yield Retention	Corn on Corn: Agronomic Characteristics	Recommended Region
RC3041	80	75	76	7	6	7	7	6	6	5	9	6	5	7	-	4	6	-		M-MH				\bigcirc	•		C,W
RC3300 NEW	83	83	83	7	7	7	8	7	7	7	7	6	6	6	7	6	7	-	-	M-H				-	-		А
RC3432	84	84	84	7	7	7	6	6	5	7	8	6	6	7	4	6	5	-	-	М	\bigcirc		\circ	-	\bigcirc		C,W
RC3601	86	85	86	6	7	7	7	6	7	6	9	6	5	7	-	6	6	-		ML-MH				•	•		А
RC3790	87	87	87	7	8	6	7	6	7	7	6	7	6	7	4	5	6	-	-	M-H		\bigcirc	\circ	-	\bigcirc		А
RC3880 NEW	88	88	88	8	8	6	7	-	6	7	7	7	7	6	6	5	7	-	-	ML-MH	ightarrow			-	-		А
RC4109	91	91	90	8	7	6	6	6	5	7	7	8	6	6	5	7	6	5	-	M-MH				-	\bigcirc	\circ	А
RC4166	91	89	90	8	7	6	7	7	6	7	9	7	6	6	-	7	7	6		M-MH				8			А
RC4185	91	89	89	7	8	8	7	7	6	6	6	6	6	6	5	5	7	5		M-MH				-	-		А
RC4213	92	91	91	7	7	6	7	7	8	7	7	7	7	6	-	4	6	6	-	ML-MH					-		А
RC4300	93	93	93	6	6	7	7	6	5	6	6	6	6	7	6	5	6	-		M-MH		\bigcirc		-	•		А
RC4343	93	93	94	7	6	7	7	6	7	6	7	8	8	7	-	6	7	-		ML-MH		\bigcirc		•			C,W
D94-26	94	94	94	7	7	8	8	-	7	8	8	5	5	7	6	-	7	5		ML-MH				-	-		А
RC4427	94	94	94	8	7	6	7	7	7	7	8	7	7	7	-	6	6	-		L-M	ightarrow			-			C,W
RC4518	95	96	95	6	7	6	6	7	5	7	7	7	7	7	5	5	6	5	-	M-MH				-	0		А
RC4520	95	95	95	6	7	6	6	7	5	7	7	8	7	8	5	5	5	-		L-M	ightarrow			-	ightarrow		А
RC4535	95	95	96	7	7	7	7	6	7	7	6	7	7	7	-	5	6	-	-	M-MH		\bigcirc		-	\bigcirc		С
RC4570	95	95	95	7	8	7	8	3	7	7	8	7	6	8	6	6	6	5		ML-MH				\bigcirc	\bigcirc		А
RC4680	96	96	96	8	8	7	7	7	6	6	6	7	6	8	5	5	6	-	-	ML-MH				-			А

BRAND	RELAT	IVE MAT	URITY			AGRONO	OMIC CH	ARACTE	RISTICS	5		CHAR	PLANT Racteri	STICS			DISEASI Racteri			PLANTING Rate			PROD	UCT FIT			GEO
	RM	RM to Silk	RM to Blacklayer	Emergence	Seedling Vigor	Root Strength	Stalk Strength	Green Snap	Staygreen	Drydown	Drought Tolerance	Plant Height	Ear Height	Test Weight	Gray Leaf Spot	Goss's Wilt	Northern Corn Leaf Blight	Tar Spot	Fungicide Response in Absence of Disease	Planting Rate Guidelines	Highly Productive Soils	Variable Soils	Poorly Drained Soils	High pH Soils	Corn on Corn: Yield Retention	Corn on Corn: Agronomic Characteristics	Recommended Region
RC4779 NEW	97	97	97	7	7	6	7	7	8	7	6	7	6	7	6	7	7	8	-	M-MH				-		•	А
D97-95	96	96	95	7	8	8	7	7	7	7	8	6	6	7	5	6	6	6	-	ML-MH				-	\bigcirc		А
RC4838	98	-	-	7	7	6	7	7	6	7	7	6	7	7	6	-	5	-	-	ML-MH				-	-	•	C,W
D98-43	98	99	98	7	7	7	7	6	7	8	7	7	7	6	6	6	6	5	-	ML-MH				-			А
D99-08	99	100	100	7	7	7	7	6	6	6	7	6	6	7	6	5	6	6		ML-MH				-			А
RC4928	99	99	99	8	7	7	7	7	8	7	5	7	6	5	7	7	8	-	-	L-M		\bigcirc		-	-		А
RC4937 NEW	99	98	99	7	7	8	8	6	7	7	6	7	7	6	5	6	6	6		ML-MH				-	-		А
RC4999	99	99	100	7	7	6	7	7	6	7	6	8	7	7	6	6	5	5		ML-MH				-	-		А
RC5062	100	100	100	7	7	8	7	6	8	7	8	7	7	7	7	4	7	6	-	M-MH				8	-		А
RC5120	101	101	100	7	6	7	6	7	6	6	6	8	8	7	5	5	6	6		ML-MH				-			А
RC5134	101	101	101	8	9	7	7	6	7	7	6	8	7	7	6	6	6	8	-	M-MH				-	-	-	А
RC5149	101	100	101	7	6	8	7	7	6	6	7	6	6	6	5	7	6	5	-	MH-H				-	-		C,E
RC5188 NEW	101	101	101	7	7	7	7	6	6	6	6	7	7	7	6	6	5	6	-	M-MH				-	-		А
D01-90	101	101	102	7	7	7	7	7	6	7	7	6	6	7	7	6	7	5	-	M-H				-	-		А
RC5251	102	100	101	7	6	8	7	6	7	7	8	5	5	6	7	4	7	-	ightarrow	L-MH				8			А
IC5267	102	101	103	7	7	8	7	6	8	8	8	7	6	4	7	7	6	-	ightarrow	ML-MH							А
D03-07	103	103	102	7	8	8	7	7	7	6	7	7	6	7	5	7	6	5		ML-MH				-	-		А
RC5323	103	103	102	8	8	7	7	7	6	6	6	8	7	8	6	7	5	7		M-H					\circ		А
RC5300	103	104	104	7	8	7	6	6	6	7	6	6	6	6	5	7	6	-	-	M-MH				-	\circ		А
RC5422 NEW	104	103	104	7	7	6	8	7	8	6	5	7	7	7	7	8	7	7	-	M-MH				-	-	-	А
RC5430 NEW	104	105	104	7	7	6	7	7	6	8	8	7	7	6	7	7	5	5		ML-MH	ightarrow			-		-	C,W
RC5448	104	105	104	7	8	7	7	7	6	8	7	6	6	6	6	7	6	6	-	L-M				-			C,W
RC5465	104	104	104	7	6	6	6	6	5	7	7	6	6	6	6	6	7	6	-	L-M					-		W
D05-16	105	105	104	7	7	6	7	6	6	8	7	6	6	6	5	5	7	3		ML-MH				-			Е
RC5510	105	104	105	6	6	6	5	7	7	5	7	6	6	6	6	6	7	-	\bigcirc	ML-MH						\bigcirc	C,W
RC5610 NEW	106	106	106	7	7	6	7	6	6	7	7	7	7	6	6	7	7	7	-	ML-MH				-	-		С
RC5653	106	106	107	7	7	7	6	7	7	8	6	4	4	6	5	6	6	6	-	Μ				-	•	•	С

CORN HYBRIDS

CORN HYBRID BRANDS: Rob-See-Co° | Innotech°

EVERY FARM. Every crop. Every acre.

BRAND	RELAT	IVE MAT	URITY			AGRONC	OMIC CH	IARACTI	RISTICS	;		CHAR	PLANT ACTERIS	STICS		CHAI	DISEASE Racteri	E STICS		PLANTING Rate			PRODI	JCT FIT			GEO
	RM	RM to Silk	RM to Blacklayer	Emergence	Seedling Vigor	Root Strength	Stalk Strength	Green Snap	Staygreen	Drydown	Drought Tolerance	Plant Height	Ear Height	Test Weight	Gray Leaf Spot	Goss's Wilt	Northern Corn Leaf Blight	Tar Spot	Fungicide Response in Absence of Disease	Planting Rate Guidelines	Highly Productive Soils	Variable Soils	Poorly Drained Soils	High pH Soils	Corn on Corn: Yield Retention	Corn on Corn: Agronomic Characteristics	Recommended Region
RC5694 NEW	106	106	106	7	6	7	8	7	7	7	6	6	6	8	7	7	6	5		M-MH		\bigcirc	ightarrow	-	\circ		А
RC5704	107	107	106	7	7	7	7	7	6	6	6	6	6	6	6	6	5	4	-	M-MH			ightarrow	-			А
RC5723	107	107	106	6	6	8	7	6	7	5	8	8	8	6	-	5	6	6	0	ML-MH			ightarrow	\bigcirc	\circ		А
RC5768	107	107	107	7	7	6	6	6	6	7	7	7	6	7	5	6	7	4	ightarrow	ML-M			•	-	-		А
RC5815	108	109	108	7	7	8	7	7	7	6	7	7	7	7	6	7	-	6	-	ML-MH			\bigcirc	\bigcirc	\circ		C,W
RC5819	108	106	107	6	5	6	7	5	6	7	7	7	6	7	7	6	7	-	•	L-MH			•	ightarrow	\circ		А
RC5824	108	108	108	7	7	6	7	7	5	8	6	7	7	6	5	7	7	5	-	M-MH			\bigcirc	-		ightarrow	А
RC5831	108	107	109	8	8	8	7	7	7	8	8	7	6	6	7	6	7	-	•	ML-MH			•	•			А
RC5836	108	107	109	7	7	8	7	7	6	7	6	5	5	6	5	6	7	6	-	M-MH			\bigcirc	-	\bigcirc		А
RC5859 NEW	108	108	108	7	6	7	8	7	7	6	6	6	6	7	7	7	7	7	-	M-MH		\bigcirc	•	-	-		А
RC5870	108	107	108	6	7	8	7	6	8	6	7	7	7	6	7	8	8	-	-	ML-MH			\bigcirc	-			С
RC5913	109	108	109	7	7	7	7	6	7	7	8	6	6	5	5	6	5	6		ML-H			•	•			C,W
RC5929 NEW	109	109	109	6	6	6	7	7	6	6	6	7	6	7	7	5	7	5		M-MH				-	-		А
RC5935	109	109	109	8	8	6	7	6	7	6	6	7	7	8	8	7	7	6	-	ML-M				-		•	А
RC5940	109	110	109	7	7	7	7	7	7	7	8	7	6	6	7	7	7	-		М			\bigcirc				C,W
D10-16	110	110	111	7	8	8	7	7	6	6	6	6	6	7	6	5	7	6	-	M-MH			•	-		-	А
RC6038	110	108	111	7	7	5	6	6	6	7	8	6	6	6	5	7	3	5	0	ML-M			\bigcirc	\bigcirc		0	W
RC6097	110	110	111	7	7	7	7	5	7	6	7	7	7	6	7	7	7	6	•	M-H				•			C,E
RC6131	111	111	111	7	7	6	6	6	6	6	6	6	7	6	6	6	6	5	-	M-MH		\bigcirc	\bigcirc	-	\bigcirc	0	А
RC6148	111	111	111	6	7	6	6	7	7	5	9	8	8	7	7	7	6	-	0	L-M						•	W
RC6170	111	111	113	7	7	6	6	7	6	7	7	7	6	8	6	4	7	7		L-MH		\bigcirc		\bigcirc		•	А
RC6220 NEW	112	112	113	7	7	8	8	6	7	7	6	6	6	7	6	7	7	5	-	M-MH				-	-		А
RC6232 NEW	112	111	112	7	7	7	6	7	8	7	5	8	7	7	7	6	7	5	0	ML-H		\bigcirc		\bigcirc			А

BRAND	RELAT	IVE MAT	URITY			AGRON	DMIC CH	ARACTE	RISTICS	5		СНА	PLANT Racteri	STICS			DISEASE Racteri			PLANTING Rate			PRODU	JCT FIT			GEO
	RM	RM to Silk	RM to Blacklayer	Emergence	Seedling Vigor	Root Strength	Stalk Strength	Green Snap	Staygreen	Drydown	Drought Tolerance	Plant Height	Ear Height	Test Weight	Gray Leaf Spot	Goss's Wilt	Northern Corn Leaf Blight	Tar Spot	Fungicide Response in Absence of Disease	Planting Rate Guidelines	Highly Productive Soils	Variable Soils	Poorly Drained Soils	High pH Soils	Corn on Corn: Yield Retention	Corn on Corn: Agronomic Characteristics	Recommended Region
RC6312	113	111	113	8	8	7	7	7	6	8	7	7	7	7	7	7	7	5		ML-H							А
RC6350	113	113	114	7	6	6	7	7	7	6	7	8	7	6	6	5	5	-		ML-H				\bigcirc			А
RC6377	113	112	113	7	8	7	8	6	8	6	6	8	7	6	7	7	5	7		M-MH		\bigcirc	\bigcirc	\bigcirc			А
RC6381 NEW	113	113	113	7	6	8	8	6	6	7	6	7	6	7	7	7	6	5	-	M-MH				-	-		А
RC6392 NEW	113	113	112	7	7	7	8	7	8	6	7	8	7	7	7	6	7	7	-	M-MH				-			А
RC6401	114	113	114	7	7	8	8	7	6	7	7	7	7	7	6	6	6	6	•	ML-H				•			А
RC6411	114	114	115	7	8	7	7	6	5	7	6	6	6	8	6	6	7	5	-	M-MH		\bigcirc	\bigcirc	-			А
RC6460 NEW	114	114	114	7	8	8	7	7	7	7	8	8	7	6	7	7	7	7	-	M-H	ightarrow		ightarrow	\bigcirc			W
RC6539 NEW	115	114	115	7	7	7	7	6	7	6	7	7	7	7	7	6	7	6	-	M-MH				-	-		А
RC6541	115	115	115	7	7	7	7	7	7	6	6	7	7	6	7	7	7	7	-	M-MH				\bigcirc	-		C,W
RC6580	115	114	114	6	7	6	6	6	7	8	7	7	7	7	7	6	7	-		ML-MH			\bigcirc	\bigcirc			А
RC6585	115	115	116	6	6	7	7	7	6	6	7	7	6	6	7	5	7	7		M-MH			ightarrow	\bigcirc			А
RC6653	116	115	117	7	7	8	8	7	6	7	9	6	5	7	7	7	7	7		ML-MH			\bigcirc	\bigcirc			C,W
RC6717	117	118	118	7	6	6	7	4	8	6	7	8	7	6	6	-	5	-	-	ML-MH			-	-	-		А
RC6781	117	117	116	7	6	6	6	6	7	7	6	8	6	6	6	-	5	-	-	ML-MH		0	\bigcirc	-	-		W

Agronomic and Disease Ratings Ear Height Planting Rate Guideline

9 = Best
1 = Worst
- = Not available

1 = Short

9 = High L = Low (low for yield environment) 1 = Low ML = Medium Low (below average for yield environment)

Plant Height 9 = Tall
 Test Weight
 M = Mediu

 9 = High
 MH = Mediu

 1 = Low
 H = High /

M = Medium (average for yield environment) MH = Medium High (above average for yield environment) H = High (high for yield environment)

Product Fit

- Greatest opportunity to maximize performance relative to other hybrids in maturity group.
- Performs very well relative to other hybrids in maturity group.
- Performance is average relative to other hybrids in maturity group.
- 8 Performance is below desired levels relative to other hybrids in maturity group.

Geography

A = All C = Central (IA, MN, WI) E = East (IN, MI, OH, PA, MD) W = West (ND, SD, NE, KS, OK, TX, and West)

Interpretation of Hybrid Response to Population and Product Fit Opportunities

Seeding Rate: Optimal seeding rate varies by yield potential of the farm, with more productive farms responding to higher seeding rates. Use the table below to identify optimal seeding rates by farm. This table shows the seeding rate producing the greatest economic return by yield environment and corresponds to the "Medium (M)" population

YIELD ENVIRONMENT (BU/A)	100	140	180	220	260
OPTIMUM SEEDING RATE	16,000	24,000	29,500	33,000	36,000

suggestion in the above chart. How the product responds to higher or lower seeding rates compared to the table value for each yield environment is indicated by the full range of ratings: Low (L), Medium Low (ML), Medium (M), Medium High (MH), and High (H), with each step in the scale representing approximately +/- 3,000 seeds/acre.

Optimum seeding rates by yield environment are based on population response studies conducted using Innotech and Rob-See-Co Brand corn hybrids and a \$4.00/Bu commodity price.

High pH Soils: Ratings represent an assessment of stand establishment, chlorosis severity and yield performance on high pH soils in Nebraska, Kansas and Colorado.

Continuous Corn Yield Retention: Ratings indicate a hybrid's ability to maintain similar yield as corn-soybean rotations when being grown in a continuous corn cropping system.

Continuous Corn Agronomic Characteristics: Favorable ratings indicate hybrids containing multiple agronomic phenotypic traits deemed important for fields where corn is being cultivated for consecutive years. Ratings are weighted based on the following individual hybrid characteristics: emergence, seedling vigor, root and stalk strength, staygreen and foliar disease tolerance.

CORN HYBRIDS

CORN HYBRID BRANDS: Rob-See-Co[®] | Innotech[®]

More than high yield, it's about high quality too.

You know what your goals are, and these corn hybrids are designed to enable you to meet them. It's the ideal balance between yield and nutritional qualities that provide high digestibility and quality. Rob-See-Co also offers specialty silage hybrids that are well worth taking a look. See the Masters Choice section to learn more.

SILAGE CHARACTERISTICS

BRAND	YIELD (TON/A)	CP (% OF DM)	NDF DIG. 48 HR (%)	STARCH (% OF DM)	TDN (% OF DM)	NEL (MCAL/LB)	MILK (LBS/TON)	MILK (LBS/A)	BEEF (LBS/TON)	BEEF (LBS/A)
RC3041						-		•		
RC3601										
RC3833			0			-	•	•		0
L4000		-							-	-
L4001		-							-	-
RC4166		•	•							
RC4343			•							
RC4570		•								
L4601		-	\bigcirc					•	-	-
RC4688			\bigcirc							
L5100		-							-	-
L5105		-	•						-	-
RC5112			•							•
IC5267			•							
RC5323			0	8			•	0		•
L5401		-	•						-	-
RC5510			\bigcirc					0		
RC5819					•		•	•		•
RC5940			\bigcirc					0		•
RC6148			\bigcirc							
RC6350		\bigcirc	\bigcirc					•		
RC6377			•							
RC6401		\bigcirc	\bigcirc							
RC6580								•		
RC6781			•							\bigcirc

EVERY FARM. EVERY CROP. EVERY ACRE.

COMING SOON! Real Silage Dairy and Real Silage Beef Products

Silage Yield: Calculated on a per-acre basis and adjusted to standard moisture.

Crude Protein (CP): Indicates the percent content of this important feed component relative to other hybrids of similar maturity.

Neutral Detergent Fiber Digestibility 48 Hour (NDFD 48 hr): Estimates the ruminant digestibility of the NDF fraction.

Starch: Indicates the percent content of this important feed component relative to other hybrids of similar maturity.

Total Digestible Nutrients (TDN): Describes the energy content of feeds as the sum of the digestibility of all nutrients in the feedstock.

Net Energy Lactation (NEL): Represents net energy for lactating cows based on acid detergent fiber (ADF).

Milk and Beef Production per Ton and

Acre: Feed quality on a per-ton basis, and combination of yield and quality on a per-acre basis.

SILAGE KEY

 Greatest opportunity to maximize performance relative to other hybrids in maturity group.

Performs very well relative to other hybrids in maturity group.

Performance is average relative to other hybrids in maturity group.

Performance is below desired levels relative to other hybrids in maturity group.

RC3041-3110A 🗡 Agrisure Viptera LIBERTY

- Artesian® hybrid with elite performance in all yield environments
- Early flower and blacklayer allows for northern movement
- Very good root and stalk strength

RM 84

Outstanding performance in tough to moderate yield environments

RC3432-VT2P VTDoublePRO Ready

- Excellent performance on drought prone soils
- Strong roots and fast drydown to enable harvest flexibility

RC3300-RR2

- Excellent agronomics featuring tremendous stalk and root strength
- Great choice for variable soils

RM 83

RM 86

RM 88

RM 91

• Strong emergence and seedling vigor

RC3601-Artesian Artesian

RC3601-GTA 🗡 Agrisure Artesian GTA

- Artesian® hybrid combines outstanding yield for maturity with solid agronomics
- Tall, vigorous plant with medium ear placement and very good test weight
- Strong roots and stalks, with good late season plant health

RC3790-RR2

RM 87

RM 91

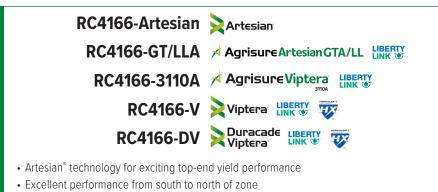
- Excellent top-end yield potential for ideal and variable environments
- Very good early vigor for early planting and reduced tillage
- Very good stalks for highly managed acres

RC3880-VT2P

- Impressive early season vigor
- · Exhibits good north/south movement
- Good versatility for productive and tough acres



- Highly versatile hybrid with excellent performance east to west
- · Outstanding emergence and very good seedling vigor for improving stands in no-till fields
- Very good drought tolerance and disease tolerance to increase stability across years



• Strong emergence and seedling vigor

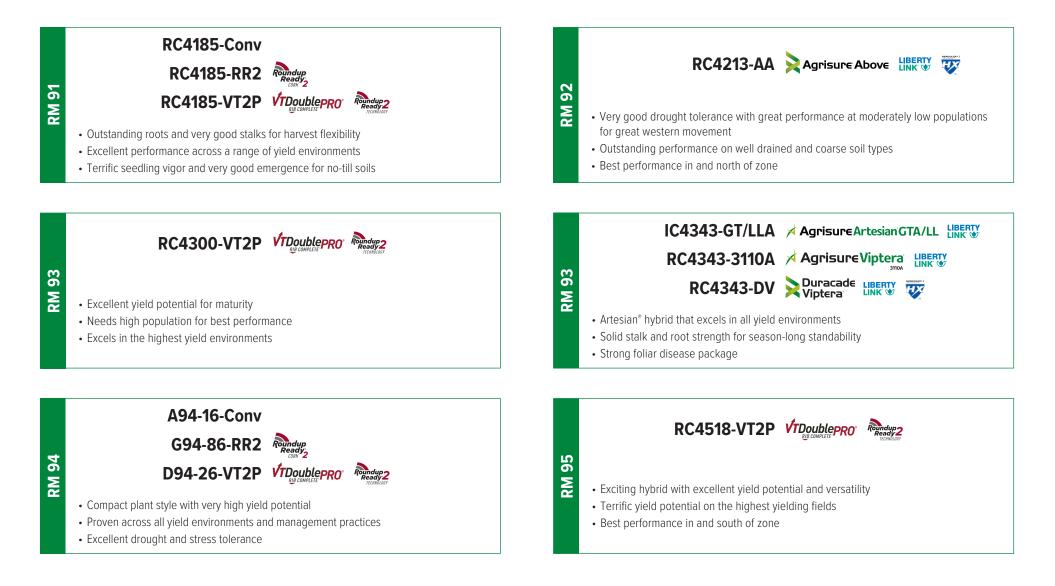
NEW

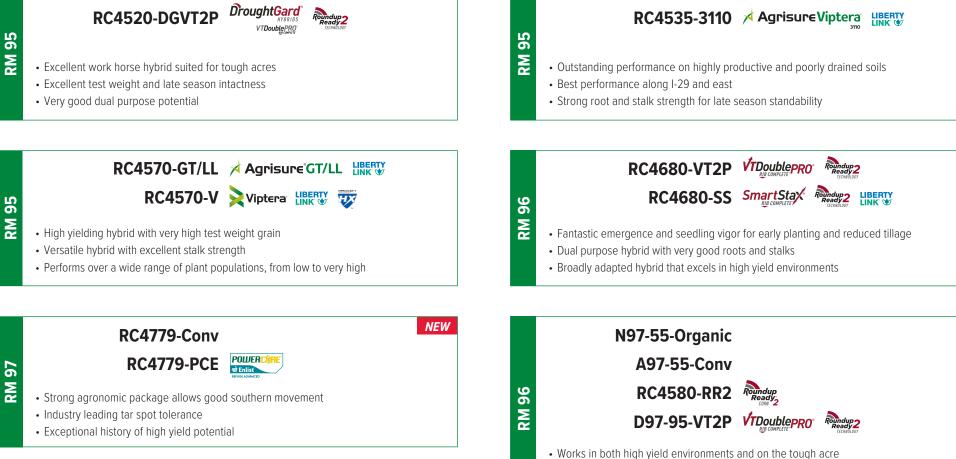
NEW

CORN HYBRIDS

CORN HYBRID BRANDS: Rob-See-Co[®] | Innotech[®]





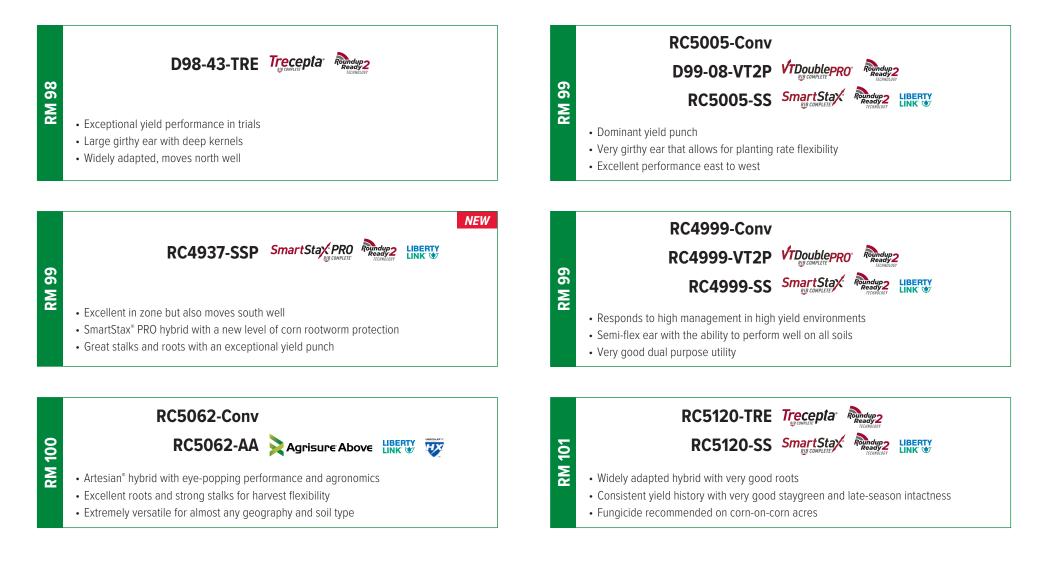


- A fantastically strong agronomic package
- Late season standability is aided by ASR (Anthracnose Stalk Rot Resistance)

CORN HYBRIDS

CORN HYBRID BRANDS: Rob-See-Co[®] | Innotech[®]









- Very attractive hybrid with consistent high yield performance
- Best in class tar spot tolerance
- Exceptional performance in zone

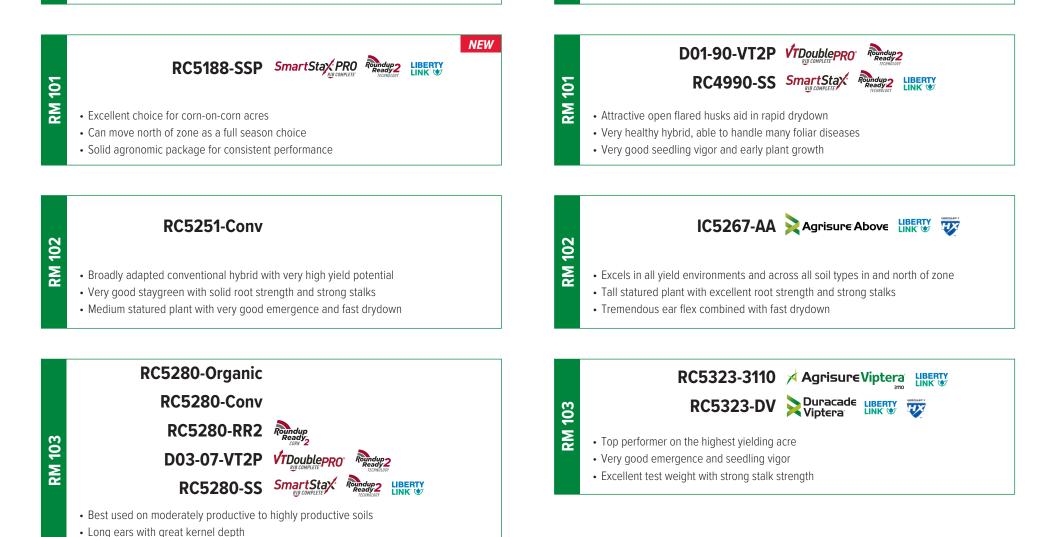
Very agronomically sound hybrid

robseeco.com

1-855-450-1822

RC5149-SS SmartStax Reading LIBERTY

- Dependable agronomics combined with top end yield potential
- Best performance at moderately high to high populations
- High yield potential combined with good stress tolerance for enhanced stability

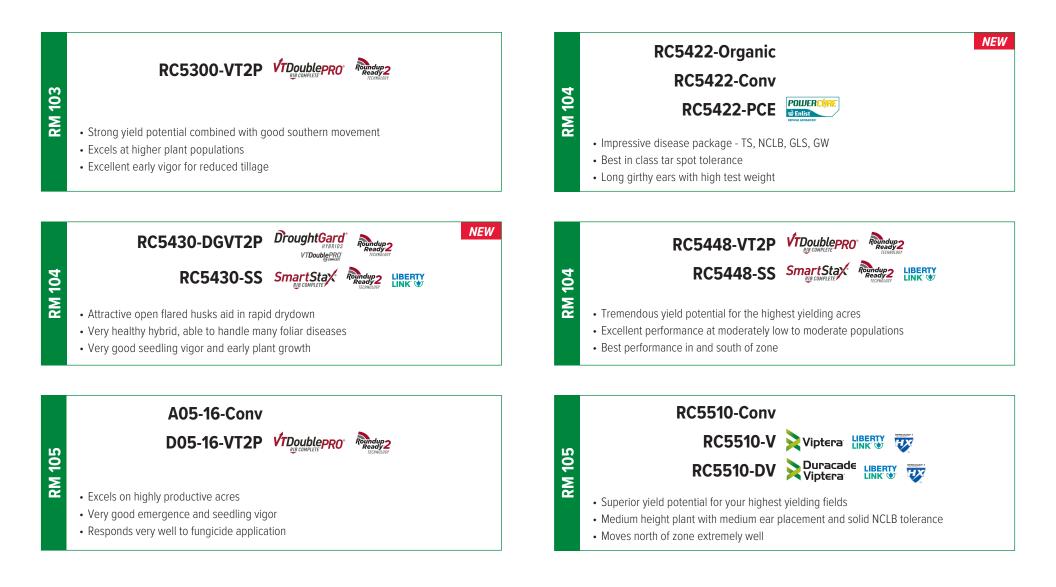


RM 101

CORN HYBRIDS

CORN HYBRID BRANDS: Rob-See-Co° | Innotech°

EVERY FARM. EVERY CROP. EVERY ACRE.



RC5610-Conv

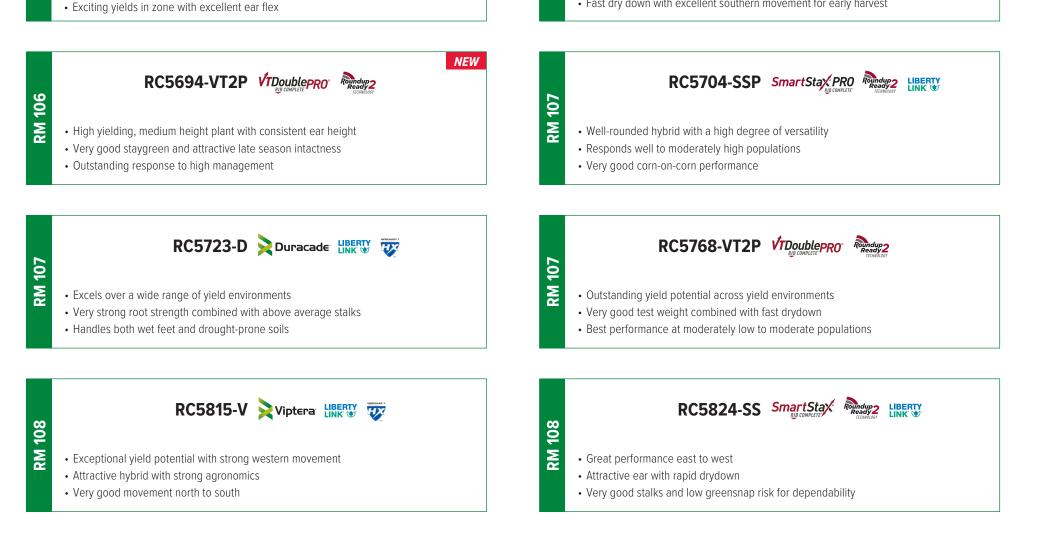
• Great emergence and seedling vigor coupled with strong stalks

NEW

RM 106



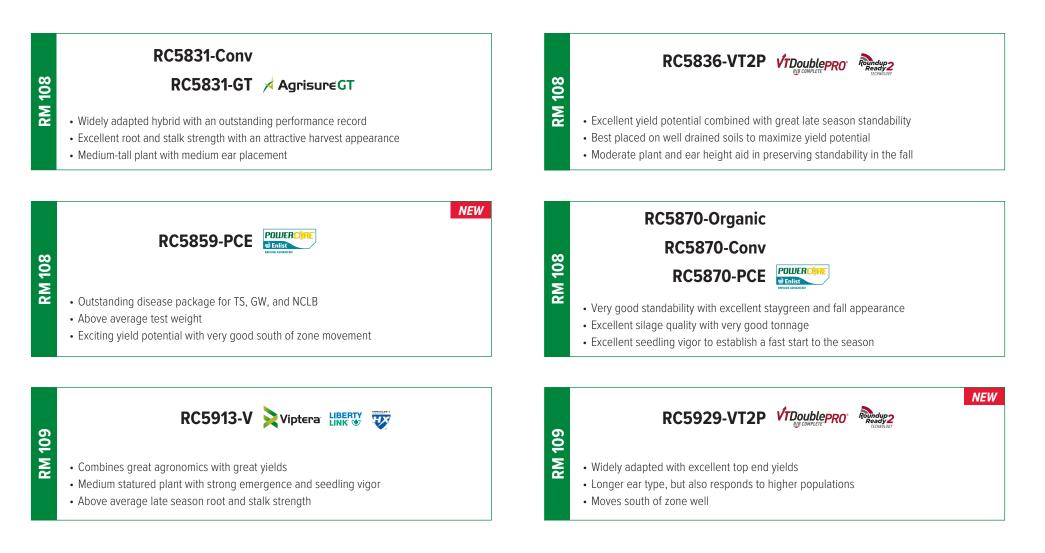
- Exciting and attractive hybrid that can help manage residue for next year's crop
- Short statured plant with very good late season standability
- · Fast dry down with excellent southern movement for early harvest



CORN HYBRIDS

CORN HYBRID BRANDS: Rob-See-Co[®] | Innotech[®]





RC5940-AA Agrisure Above RC5935-Organic HX **RM 109** RC5940-D Duracade LIBERTY RC5935-Conv **RM 109** · Fantastic grain quality and high test weight Artesian[®] hybrid with high top-end yield potential Widely adapted east to west with late-season intactness • Very good emergence and seedling vigor for early planted fields • Dual purpose hybrid with a very good disease package • Fast drydown combined with above average staygreen Viptera LIBERTY A10-56-Conv RC6038-V RC6038-DV Duracade Viptera D10-16-VT2P VTDoublepR0 **RM 110** LIBERTY **RM 110** • The complete package and standard in the mid-full RM zone • Artesian® hybrid with exciting performance on high yield acres • Great stalks, roots, and seedling vigor · Very good emergence with strong seedling vigor · Deep kernels with high test weight Medium plant height with medium ear placement RC6170-AA Agrisure Above RC6131-TRE Trecepta Read HX RC6131-SS SmartStax RC6170-V Viptera LIBERTY **RM 111 RM 111** Incredible top end yield potential · Consistent performance from east to west · Broadly adapted hybrid that responds to management • Tremendous performance in moderately low to moderately high yield environments • Low greensnap risk and good Goss's wilt tolerance improve stability across years Versatile hybrid with good tolerance to tar spot NEW NEW RC6220-VT2P VTDoublepR0 RC6232-DGVT2P **RM 112 RM 112** RC6220-SS SmartStax • Ultra-high yielding hybrid with girthy ears and deep kernels · Hybrid that is widely adapted east to west and for all soil types • Very good stalks, roots, and plant health Prefers high management systems • Early flowering for maturity Great fall appearance and staygreen

CORN HYBRIDS

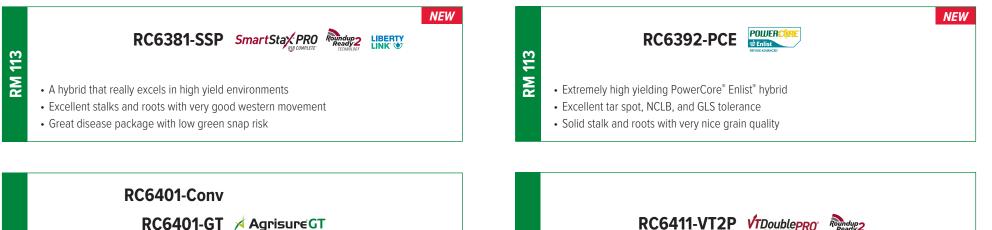
CORN HYBRID BRANDS: Rob-See-Co[®] | Innotech[®]







• Versatile hybrid with above average staygreen



RM 113





RM 114

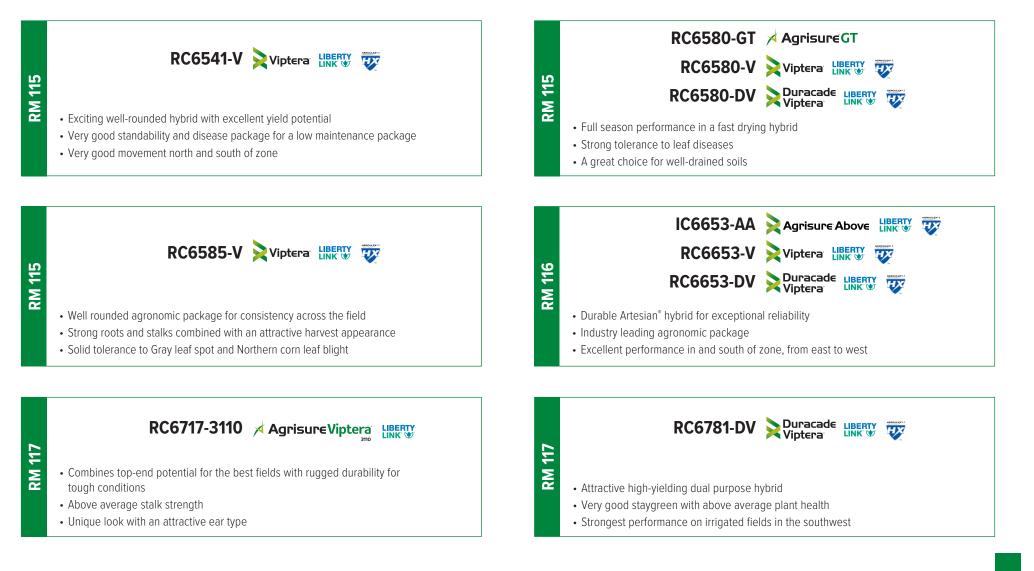
- Excellent drought tolerance with unmatched southern movement
- Best results while keeping planting at the upper end of your population range

RC6460-V Viptera LIBERTY

• Excellent stalks and roots with a very good disease package

RC6539-VT2P

- Extremely consistent hybrid with great movement east to west
- Very good disease package coupled with great stalk and roots
- Hybrid responds to high management to deliver best yields



NEW

RM 115

1-855-450-1822 | robseeco.com | f 💟 🛈 🛅

NEW

SOYBEAN VARIETIES

SOYBEAN VARIETY BRANDS: Rob-See-Co[®] | Innotech[®]

EVERY FARM. EVERY CROP. EVERY ACRE.

Get the soybean platform you want.

The pressures are real. Rob-See-Co does all we can to make it easier to get the soybean platform best suited to your specific challenges, performance goals and field practices. Choose between the Innotech Brand Enlist E3[®] System that combines the latest trait technology, along with tolerance to 2,4-D choline, glyphosate and glufosinate. Or go with XtendFlex[®] Soybeans for triple-stacked tolerance to dicamba, glyphosate and glufosinate. Check out the details for weed control and full performance potential.

BRAND	PRO INFORI	DUCT Mation				DISEASE AND P	EST CHAR	ACTERIST	ICS				_	PL/ Charact		PROI Fi		GEO
	Relative Maturity	Herbicide Tolerance Trait	SCN Resistance	SCN Resistance Source	Iron Chlorosis Tolerance (IDC)	Phytophthora Resistance Gene	Phytophthora Field Rating (PRR)	Brown Stem Rot (BSR)	White Mold Tolerance (SWM)	Sudden Death Syndrome (SDS)	Frogeye Leaf Spot (FELS)	Emergence	Standability	Plant Height for Maturity	Canopy Width	Variable and Stress Environments	High Yield Environments	Recommended Region
IS00836E3	0.08	E3	R3,MR14	PI88788	7	Rps1a	6	-	6	-	-	8	6	M	М		\bigcirc	W
IS0156E3	0.1	E3	S	S	7	Rps3a	7	7	6	-	-	7	7	М	М		\bigcirc	C,W
RS0337XF NEW	0.3	XF	MR3,MR14	PI88788	6	S	7	7	6	8	-	7	8	М	М			C,W
IS0424E3 NEW	0.4	E3	MR3,MR14	PI88788	6	Rps1c	6	5	3	-	-	8	8	MS	М	\bigcirc		C,W
IS0515E3	0.5	E3	S	S	8	Rps1k,HRps3a	7	-	6	-	-	8	7	M	М			C,W
IS0718E3	0.7	E3	R3,MR14	PI88788	7	S	6	-	7	-	-	8	8	М	М	\bigcirc		C,W
IS0808E3 NEW	0.8	E3	MR1,MR3,MR5	Peking	6	Rps3a	8	9	6	7	-	8	6	MT	MB			C,W
IS0822E3	0.8	E3	-	PI88788	7	Rps1c,Rps3a	8	-	6	-	-	8	6	М	М			C,W
RS0920XF	0.9	XF	-	PI88788	7	S	5	-	6	-	-	8	7	MT	MB	\bigcirc		C,W
IS1081E3	1.0	E3	R3,MR14	PI88788	7	S	7	-	6	6	-	8	7	М	М			C,W
IS1162E3 NEW	1.1	E3	MR1,MR3,MR5	Peking	7	Rps3a	8	9	6	6	-	8	6	MT	MB			C,W
RS1225XF NEW	1.2	XF	-	PI88788	7	Rps1c	7	9	8	7	-	8	8	М	М			C,W
IS1277E3S	1.2	E3/STS	R3,MR14	PI88788	6	S	6	-	6	8	-	8	6	М	М			С
IS1350E3	1.3	E3	R3,MR14	PI88788	8	Rps1c	7	-	6	7	-	8	8	MT	М			A
IS1647E3	1.6	E3	R3,MR14	PI88788	7	Rps3a	8	7	6	7	-	8	8	M	М			A
IS1725E3	1.7	E3	R3,MR14	PI88788	6	Rps3a	8	-	5	7	-	8	6	MT	М			C,W
RS1830XF	1.8	XF	-	PI88788	7	S	7	9	6	7	-	8	8	MT	М			A
IS1917E3	1.9	E3	R3,MR14	PI88788	7	Rps1c	7	8	6	6	-	8	7	М	М			С
IS1978E3	1.9	E3	R3,MR14	PI88788	7	Rps1k	7	-	7	8	-	8	7	MT	М			A
IS2121E3 NEW	2.1	E3	MR1,MR3,MR5	Peking	7	Rps1c	7	-	6	7	-	8	6	MT	М			С
RS2135XF	2.1	XF	-	PI88788	6	S	6	9	6	5	-	8	6	М	MB	\bigcirc		C,W
IS2143E3	2.1	E3	-	PI88788	6	Rps1k	7	7	6	6	-	8	7	М	М	\bigcirc		E
IS2267E3	2.2	E3	-	PI88788	7	Rps1c	7	-	6	6	-	7	6	MT	М			C,W
IS2319E3	2.3	E3	-	PI88788	7	Rps1c,HRps3a	7	-	6	6	6	8	7	М	М			E,C

BRAND		DUCT Mation				DISEASE AND P	EST CHAR	ACTERIST	TICS					PLA Charact		PROI F		GEO
	Relative Maturity	Herbicide Tolerance Trait	SCN Resistance	SCN Resistance Source	Iron Chlorosis Tolerance (IDC)	Phytophthora Resistance Gene	Phytophthora Field Rating (PRR)	Brown Stem Rot (BSR)	White Mold Tolerance (SWM)	Sudden Death Syndrome (SDS)	Frogeye Leaf Spot (FELS)	Emergence	Standability	Plant Height for Maturity	Canopy Width	Variable and Stress Environments	High Yield Environments	Recommended Region
IS2421E3S	2.4	E3/STS	R3,MR14	PI88788	6	Rps1k	7	8	6	6	-	7	6	MT	М			C,W
24FX70	2.4	XF	R3,MR14	PI88788	6	Rps1c	7	7	6	8	-	8	8	MT	MB			А
IS2534E3	2.5	E3	-	PI88788	8	S	7	7	5	5	8	8	5	MT	М			E
IS2566E3S NEW	2.5	E3/STS	R3,MR14	PI88788	5	Rps1a	7	-	6	6	-	7	6	MT	М			А
RS2633XFS NEW	2.6	XF/STS	-	PI88788	7	Rps1c	7	9	6	6	-	7	6	MT	MB			А
RS2667XF	2.6	XF	-	PI88788	4	Rps1c	5	7	5	6	-	8	7	MT	MB			W
IS2680E3	2.6	E3	-	PI88788	6	Rps1c	7	-	6	7	-	7	7	MT	М	\bigcirc		A
IS2748E3	2.7	E3	MR3	PI88788	6	Rps1k	6	-	7	7	7	8	7	М	М	•		A
IS2904E3S NEW	2.9	E3/STS	-	PI88788	6	S	8	-	6	6	6	8	6	MT	М			A
IS2918E3	2.9	E3	-	PI88788	7	Rps1k	7	-	-	6	-	8	7	М	MB			E
IS2992E3	2.9	E3	MR3,MR14	PI88788	5	Rps3a	6	-	4	7	8	8	8	MS	MB	\bigcirc		C,W
30EL97	3.0	E3	MR3	PI88788	7	Rps1k,Rps3a	7	7	6	8	-	8	8	М	MB			E
RS3109XF	3.1	XF	-	PI88788	5	Rps1c,Rps3a	-	6	5	7	-	8	7	Т	MB			A
IS3188E3S NEW	3.1	E3/STS	-	PI88788	6	Rps1c	7	-	6	6	6	7	7	MT	М			A
IS3308E3S	3.3	E3/STS	-	PI88788	6	Rps1k	7	7	6	8	6	7	7	MT	М			E
IS3371E3	3.3	E3	CMR	P188788	7	S	7	-	5	6	6	7	7	MT	MB	-	-	W
IS3573E3	3.5	E3	R3,MR14	PI88788	5	S	7	6	-	7	5	8	8	М	М			A
IS3750E3S	3.7	E3/STS	R3,MR14	PI88788	5	iRps1k	6	8	-	7	7	7	7	MT	М			A
RS3767XF NEW	3.7	XF	R3	PI88788	4	S	6	9	4	7	5	8	6	MT	MB			C,W
IS3958E3S NEW	3.9	E3/STS	R3,MR14	PI88788	6	Rps1c	7	-	5	6	7	7	6	MT	В			A
RS4341XFS NEW	4.3	XF/STS	-	PI88788	6	Rps1c	5	-	-	7	-	8	7	MT	MB			A
IS4684E3S	4.6	E3/STS	MR3	P188788	4	S	6	6	-	7	6	8	7	MT	М			C,W
RS4872XFS NEW	4.8	XF/STS	-	PI88788	5	HRps1c	6	-	-	7	-	8	8	MT	MB			A
IS5085E3S	5.0	E3/STS	R3,MR14	PI88788	-	S	6	-	-	6	7	7	7	MT	MB	-		C,W

Disease/Pest Ratings

9 = Best; 1 = Worst; - = Not Available

Herbicide Tolerance Trait

E3 = Enlist E3" E3/STS = Enlist E3" and STS" XF = XtendFlex" XF/STS = XtendFlex" and STS"

Resistance Rating System

Indicates when a variety is resistant to a specific disease or pest. For varieties with Soybean Cyst Nematode (SCN) resistance, it is specified which races of nematodes the line is resistant to. In the case of phytophthora, it indicates the gene conveying the resistance.

Soybean Cyst Nematode (SCN)

1, 3, 5 and/or 14 = specific race of soybean cyst nematode R = Resistant; MR = Moderately Resistant; S = Susceptible CMR = Confirmed Molecular Resistance

Phytophthora Gene Resistance

The following information correlates gene resistance to the actual races of phytophthora the plant is protected from: Rps1k = resistant to races 1–11, 13–15, 17, 18, 21, 22, 24, 26 Rps1c = resistant to races 1– 3, 6–11, 13, 15, 17, 21, 23, 24, 26 Rps3a = resistant to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25 S = Susceptible

Plant Height

M = Medium; MS = Medium Short; MT = Medium Tall

Canopy/Plant Type

M = Medium; MB = Medium Bush; B = Bush; T = Thin

Product Fit

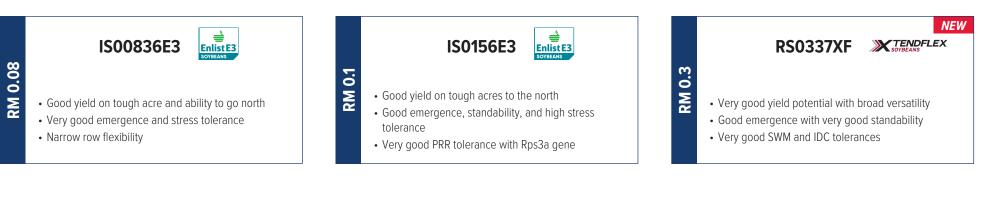
- Greatest opportunity to maximize performance relative to other varieties in maturity group.
- Performs very well relative to other varieties in maturity group.
- Performance is average relative to other varieties in maturity group.
- Performance is below desired levels relative to other varieties in maturity group.

Geography

SOYBEAN VARIETIES

SOYBEAN VARIETY BRANDS: Rob-See-Co[®] | Innotech[®]

EVERY FARM. EVERY CROP. EVERY ACRE.







- Chloride excluder with strong IDC tolerance
- Very good emergence and standability
- Excellent PRR field tolerance with the Rps1c gene



- Consistent yield across environments and stress factors
- Fast emergence and Rps1kH3a PRR protection
- Very good IDC tolerance

RM 0.5



```
NEW
                     IS0808E3
                                                                                            IS0822E3
                                                                                                                                                                RS0920XF
                                                                                                                                                                                     TENDFLEX
                                         Enlist E3
                                                                                                               Enlist E3
RM 0.8
                                                                                                                                            RM 0.9
                                                                      RM 0.8

    Good yield across environments, stressed

    Consistent yield with very good mid-late season

                                                                             • Yield leading potential across any acre
        acre product
                                                                                                                                                     disease tolerance
       • Very good emergence with Peking SCN resistance
                                                                             • Very good emergence with stacked PRR genes
                                                                                                                                                   • Very good emergence and good standability
       · Excellent soil borne agronomics for early season

    Solid agronomic package

    Manage placement for PRR and BSR pressure

        stresses
```





SOYBEAN VARIETIES

SOYBEAN VARIETY BRANDS: Rob-See-Co[®] | Innotech[®]

EVERY FARM. EVERY CROP. EVERYACRE.



IS2143E3 Enlist E3



- Excellent yield potential in zone and north • Very good PRR tolerance with Rps1k gene
- Very good stress tolerance



- Excellent yield potential across environments
- Very good IDC and PRR tolerance

RM 2.2

Very good emergence and standability

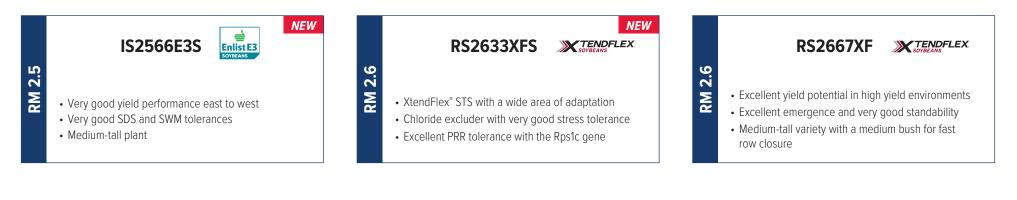


• Very good emergence and standability

RM 2.3

Excellent stress tolerance with defensive characteristics

.4	IS2421E3S	4	24FX70 XTENDFLEX	2 N	
RM 2	 Excellent yield potential Excellent option for the stressed acre with strong disease package Enlist E3[®] STS[®] variety 	RM 2	 Excellent yield potential for all environments Very good emergence and standability Great plant style and characteristics for stressed acre 	RM 2	 Excellent yield potential with strong performance in the east Very good emergence with good standability Offensive line that can handle stressed acre





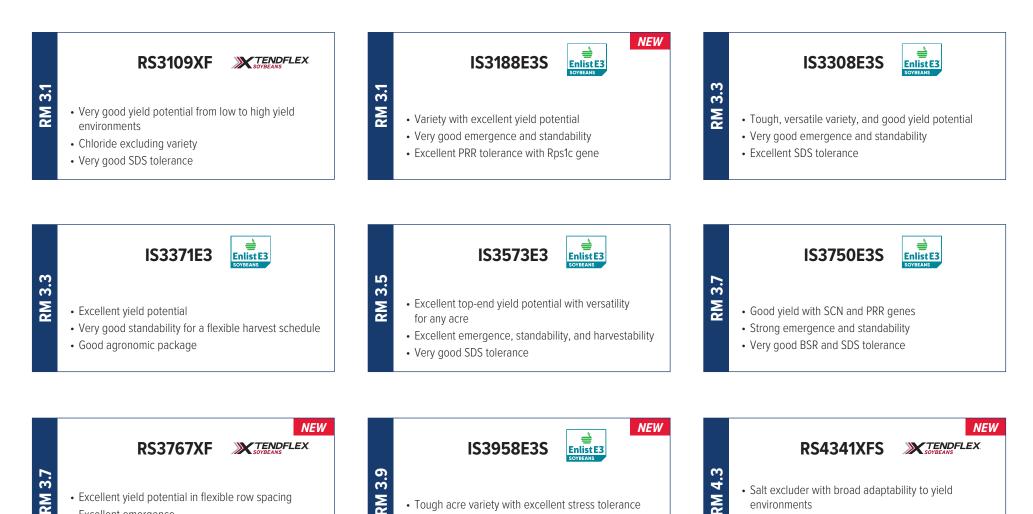
Very good PRR tolerance with Rps1k gene

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SOYBEAN VARIETIES

SOYBEAN VARIETY BRANDS: Rob-See-Co[®] | Innotech[®]

EVERY FARM. EVERY CROP. EVERYACRE.



Average SDS tolerance

- Excellent yield potential in flexible row spacing
- Excellent emergence

RM

• Very good BSR, southern stem canker, and SDS tolerance



• Excellent southern stem canker with very good SDS tolerance



ENLIST[®] WEED CONTROL SYSTEM-🚔 Enlist Duo' 🚔 Enlist One" COLEX.D' technology COLEX+D" technology **PROVEN CONTROL OF TOUGH WEEDS** Enlist HERBICIDE HERBICIDE Convenient Straight-goods Enlist Duo[®] and Enlist One[®] herbicides with Colex-D[®] technology proprietary blend 2,4-D choline with of 2,4-D choline additional tank-mix are the only herbicides containing 2,4-D that are authorized for and glyphosate flexibility preemergence and postemergence use on Enlist® crops. Provides additional The two sites of action work tank-mix flexibility together to deliver with Liberty® SOYBEANS 2,4-D choline Glyphosate Glufosinate control of yieldherbicide and other robbing weeds qualified tank-mix and help prevent products, allowing CORN for a customized 2,4-D choline Glyphosate Glufosinate FOP Herbicides resistance weed control program to fit each farm

On-Target Application

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

ALFALFA VARIETIES

ALFALFA VARIETY BRANDS: Rob-See-Co° | W-L Alfalfas

EVERY FARM. EVERY CROP. EVERY ACRE.

Varieties that deliver feed value and flexibility.

Not all alfalfa varieties are created equal. Rob-See-Co ensures you have the best choices, with varieties that make the most sense for you – in terms of yield and forage quality, as well as plant, agronomic, disease and pest characteristics. Roundup Ready[®] varieties can also help you to improve weed control and crop safety.

VARIETY	P	LANT		RONOMI	C CHA	RACTE	RISTIC	S					[DISEAS	E AND	PEST	CHARA	ACTERI	STICS					
	Fall Dormancy	Winterhardiness	Feed Value	Persistence Index	Recovery After Harvest	Standability	Traffic Tolerance	Multileaf Expression	Bacterial Wilt	Fusarium Wilt	Verticillium Wilt	Anthracnose Race I	Anthracnose Race 5	Phytophthora Root Rot	Aphanomyces Race 1	Aphanomyces Race 2	Aphanomyces Race 3	Spotted Alfalfa Aphid	Pea Aphid	Stem Nematode	Northern Root-Knot Nematode	Leaf Disease	Disease Resistance Index (DRI)	Salt Tolerance
Flagship 2.0	4.0							-	HR	HR	HR	HR	-	HR	HR	R	-	-	-	-	-	-	34/35	-
Commander	4.0	1.7	-	VH	VF	E	-	-	HR	HR	HR	HR	-	HR	HR	HR	-	-	-	-	-	-	35/35	-
CostCutter	3.0-4.0	2.5	-	н	F	E	-	-	R	R	R	R	-	R	R	S	-	-	-	-	-	-	25/35	-
Heritage RR	0.0 1.0 2.0			VH	VF	E	-	-	HR	HR	HR	HR	-	HR	HR	-	-	-	-	-	-	-	30/30	-
WL 3471.HVXRR	3471.HVXRR 4.3 1.9 HarvXtra VH VF						VG	VH	HR	HR	HR	HR	R	HR	HR	HR	HR	R	R	R	-	-	44/45	-
Plant and Agron	Plant and Agronomic Characteristi						Winter			Disease (percer					Dis	ease Ra	nting In	dex	DDL	- C	the C mai			

E = Excellent	1 = Highly Dormant	1 = Very Hardy	(percent of plants resistant)	HR = 5	DRI = Sum of the 6 major diseases
G = Good	9 = Less Dormant	9 = Less Hardy	HR = High Resistance (>50%)	R = 4	with a total possible score of 30, sum of
H = High			R = Resistance (31-50%)	MR = 3	7 major diseases with a total possible
VH = Very High			MR = Moderate Resistance (15-30%)	LR = 2	score of 35 (adds Aphanomyces Race 2),
VF = Very Fast			LR = Low Resistance (6-14%)	S = 1	or sum of 9 major diseases with a total
VG = Very Good			S = Susceptible (0-5%)	– = Rating not available	possible of 45 (adds Aphanomyces
 – = Rating not available 			– = Rating not available		Race 3 and Anthracnose Race 5).

Flagship 2.0

O FD 4.

O FD 4.

- Excellent yield with very fast harvest recovery
- Excellent winter survival and persistence
- Adapted for 3-, 4-, or 5-cut system
- High resistance to Aphanomyces Root Rot Race II

Commander

FD 4.0

- Complete disease resistance package
- High forage yield with broad adaptation
- High resistance to Aphanomyces Root Rot Races I & II
- Outstanding forage quality with excellent persistence

CostCutter

FD 3.0-4.0

- Cost-effective alfalfa
- Very good yield and high persistence
- Very good harvest recovery
- Adapted for 3- or 4-cut systems

Heritage RR Ready

• The benchmark for Roundup Ready[®] Alfalfa technology

- Great forage quality with fast harvest recovery
- · Widely adapted throughout the midwest
- Excellent winter survival and persistence

WL 3471.HVXRR

- FD 4.3 HarvXtra® Alfalfa offers vastly expanded flexibility in cutting schedule while retaining forage quality
 - Excellent yield potential under 3-cut to 5-cut systems
 - Disease Resistance Index score of 39/40 with exceptional winterhardiness
 - Very fast recovery for frequent harvest schedules under intense management



SORGHUM HYBRIDS

SORGHUM HYBRID BRANDS: Rob-See-Co

High-yielding line up for your unique growing conditions.

You know what you want from your grain sorghum hybrid. Rob-See-Co delivers with a grain sorghum line-up that provides key genetics with the agronomic characteristics you need to take on tough challenges. And with Double Team Sorghum Cropping Solution with FirstAct herbicide now available from Rob-See-Co, you gain the benefit of unique trait hybrids, while eliminating yield-robbing grass weeds.

GRAIN SORGHUM

BRAND	PRODUCT IN	FORMATION				PLANT A	ND AGRO	NOMIC C	HARACTE	RISTICS					DISEASE & PEST CHARACTERISTICS				
	Relative Maturity	Days to Midbloom	Grain Color	Head Type	Approximate Seeds/Ib	Plant Height	Greenbug Resistance	Seedling Vigor	Plant Uniformity	Head Exertion	Root Strength	Test Weight	Yield for Maturity	Drought Tolerance	Charcoal Rot	Downy Mildew	Head Smut	Sugarcane Aphid Tolerance	
GS5199	Ultra-Early	50-52	Red	Semi-Open	13k-15k		-	8	7	9	8	7	8	8	-	-	-	-	
GS5423	Early	53-55	Bronze	Semi-Open	13k-15k	MS	С	6	7	7	6	6	7	6	6	4	6	-	
GS5844DT NEW	Early	55-59	Bronze	Semi-Open	11k-13k	М	-	8	7	6	7	-	8	7	-	-	-	-	
GS6036	Early	59-61	Bronze	Intermediate	13k-15k	М	-	8	6	4	7	6	7	8	-	4	3	-	
GS6166W	Med - Early	60-62	Cream	Semi-Compact	17k-18k	MT	С	8	8	5	8	6	7	8	7	4	6	HT	
GS6255	Med - Early	61-63	Bronze	Intermediate	14k-16k	М	-	-	9	5	8	8	7	7	-	4	7	HT	
GS6446	Med - Early	63-65	Bronze	Semi-Open	12k-14k	М	None	8	8	6	8	7	8	7	-	-	-	HT	
GS6455	Med - Early	63-65	Bronze	Semi-Open	14k-16k	MS	-	-	7	6	8	7	7	7	-	7	8	HT	
GS6577DT	Medium	62-66	Bronze	Semi-Compact	13k-15k	М	-	8	8	6	8	-	8	7	-	-	-	MT	
GS6884	Medium	67-69	Bronze	Compact	13k-15k	М	-	6	7	7	8	8	7	7	-	4	3	HT	
GS7045	Medium	69-71	Red	Very Compact	13k-15k	М	-	8	7	7	8	8	7	7	-	4	5	HT	
GS7154	Med - Full	70-72	Red	Compact	15k-17k	MT	-	-	8	7	8	8	8	6	-	4	5	HT	
· · · · · · · · · · · · · · · · · · ·	Plant/Agronomic Characteristics				Plant Height							Diseas	e/Pest Ch	aracterist	ics		Sugarcane Aphid		

9 = Best; 1 = Worst; - = Not Available; C = Greenbug Resistance Biotype C; None = Non-resistant Biotype; - = Not Available

M = Medium; MS = Medium Short; MT = Medium Tall

9 = Best; 1 = Worst; - = Not Available

Tolerance HT = Highly Tolerant

EVERY FARM.

EVERY CROP.

EVERYACRE.



Early

RN

RM Med-Early

RM Medium

GS5199

- Ultra-early hybrid with excellent Anthracnose tolerance
- Excellent standability and head exertion
- Superior threshability makes harvest a breeze

GS5423

• Excellent yield potential

RM Early

RM Med-Early

RM Medium

- Great choice for the double-crop acre
- High drought tolerance

GS5844DT

Early

RM

RM Med-Early

RM Medium

RM Med-Full

- Double Team herbicide trait with excellent yield
- Well-suited for high pH soils in the Great Plains
- Versatile hybrid for primary crop or double crop acres

NEW

GS6036

- Strong western dryland performance
- Early hybrid with very good top-end yield punch
- Best placed at low to moderate level yield environments

GS6166W

- Exceptional drought tolerance
- Strong yield potential in a very uniform plant
- **RM Med-Early** • Very good root strength with good harvestability

GS6255

- Excellent sugarcane aphid tolerance
- Stable DW3 gene for low height mutation frequency
- Stable yields across environments and geographies

GS6446

- Strong sugarcane aphid tolerance
- · Great standability and yield potential
- Widely adapted with great drought stress tolerance



- Excellent standability and test weight
- Strong tolerance to Downy Mildew and Head Smut
- High sugarcane aphid tolerance and great yields

- Double Team herbicide trait
- High yielding hybrid with excellent standability

GS6577DT

• Excellent emergence in cool soils

GS6884

- High level of sugarcane aphid tolerance
- Unique hybrid with great tolerance to high pH soils
- Great field appearance with planting flexibility

GS7045

- Excellent grain color with high test weight
- · Best placed in mid to high yield environments
- Strong top-end yields and sugarcane aphid tolerance

GS7154

- Very good stalks and roots in a medium-tall hybrid
- Strong top-end yields and sugarcane aphid tolerance
 - Well adapted across environments

SORGHUM HYBRIDS

SORGHUM HYBRID BRANDS: Rob-See-Co

EVERY FARM. EVERY CROP. EVERYACRE.

Everything you want in a silage.

It's no surprise that forage sorghum is growing in use. Rob-See-Co can help you take full advantage of sorghum hybrids that offer high-performance, high-quality forage yields, digestibility and performance in hot, dry weather – and stand up to pests, pathogens and disease.

FORAGE SORGHUM

BRAND	PRODU(Informat		C	PLANT Haracteristi	CS		FORAGE & AGRONOMIC CHARACTERISTICS					DISE Charact		S PRODUCT FIT															
	Relative Maturity	Days to Soft Dough Stage	BMR	Approximate Seeds/Ib	Plant Height	Yield for Maturity	Forage Quality Potential	Palatability	Digestability	Seedling Vigor	Recovery After Cutting	Plant Uniformity	Standability	Drought Tolerance	Downy Mildew	Anthracnose	Silage	Dry Hay	Continuous Grazing	Rotational Grazing	Tough Dryland	High Yield Dryland	Limited Irrigation	Full Irrigation	High pH Soils	No-Till	Poorly Drained Soils	Anthracnose Prone Areas	Fusarium Prone Areas
FS240	Medium	100	-	14k - 16k	MS	8	7	6	7	7	5	8	7	8	6	6	8	3	DNG	DNG					\bigcirc		8		
FS340	Med - Early	85-90	-	12k - 14k	М	8	7	7	7	8	5	7	8	7	4	7	8	3	6	6					ightarrow				
FS890	Med - Early	90-95	6	13k-15k	MS	7	8	8	8	7	6	8	6	8	7	7	8	8	-	-		\bigcirc		ightarrow	\bigcirc				\bigcirc
Plant Height Disease Characteristics												Prod	uct Fit																

Plant Height M = Medium; MS = Medium Short; MT = Medium Tall

Forage & Agronomic Characteristics

9 = Best: 1 = Worst: - = Not Available

Disease Unaracteristics

9 = Best; 1 = Worst; - = Not Available

Grazing

DNG = Do Not Graze

- Greatest opportunity to maximize performance relative to other hybrids in maturity group.
- Performs very well relative to other hybrids in maturity group.
- Performance is average relative to other hybrids in maturity group.
- Performance is below desired levels relative to other hybrids in maturity group.

FS340 (also available as Double Team)

- Great for high quality silage areas
- Reproduces a large grain head and low lignin
- · Medium-early hybrid with excellent standablility

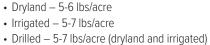
Seeding

- Minimum soil temperature 60°F
- Dryland 5-6 lbs/acre
- Irrigated 5-7 lbs/acre
- Drilled 5-7 lbs/acre (dryland and irrigated)
- Planting depth 1.5"
- Can be no-tilled into stubble of winter and spring crops

Harvest

- Best harvested around 100-105 days after emergence
- Harvest at soft dough stage for best yield and nutrition





Seeding

RM Medium

- Planting depth 1.5"
- Can be no-tilled into stubble of winter and spring crops

FS240

Harvest

• Best harvested around 100 days after emergence

• Very good nutritional quality for standard midrib

• Produces a white grain head with great yields

• Excellent drought and heat tolerance

• Minimum soil temperature 60°F

Harvest at soft dough stage for best yield and nutrition

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- N	

RM

FS890

- Great under dryland conditions
- Easily digestible high energy forage
- BMR-6 hybrid, with good standability

Seeding

RM Med-Early

- Minimum soil temperature 60°F
- Dryland 4-8 lbs/acre
- Irrigated 5-7 lbs/acre
- Broadcast dryland 5-9 lbs/acre
- Broadcast irrigated 6-9 lbs/acre
- Maximum plant population 100k plants/acre
- Planting depth 1"
- Nitrogen fertility should not exceed 110 units/acre
- Can be no-tilled into stubble of winter and spring crops

Harvest

- Best harvested between 90 to 95 days after emergence
- Cut prior to heading to obtain highest possible foliage protein. Protein will decline as harvest is delayed, but energy will increase upon heading because of continued sugar formation in the stalks and leaves.



SEED-DRIVEN CROP INPUTS TO INCREASE YOUR OUTPUT

EVERY FARM. EVERY CROP. EVERY ACRE.

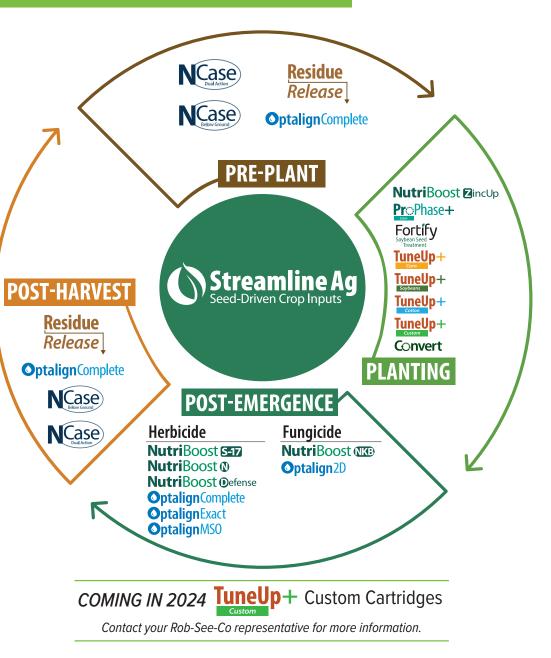


With today's increasing yield demands and environmental challenges, it's critical to give every seed that's put in the ground all the advantages it needs to deliver on its true potential. That's where Streamline Ag comes into play.

Designed for every stage of growth and development, our products deliver precisely what's needed, when it's needed – at pre-plant, planting, in-season, and post-harvest.

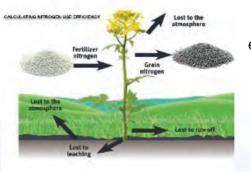
The Streamline Ag lineup includes:

- Nitrogen stabilizers that ensure the availability and accessibility of nitrogen in the soil
- Adjuvants that enhance the performance of spray tank inputs and reduce off-target loss
- Foliar nutrition to give plants what they need to optimize genetic potential
- **Custom solutions** that manage yield robbing residue, reduce nutrient tie-up, and improve planter performance, emergence, and stand establishment
- **Biological plant nutrition** provides nutritional boosting microbials that increase availability and solubility of nutrients to drive higher yields
- Plant growth regulators that improve growth and vigor
- **Seed treatments** to protect seed from pathogens and pests, enhance early-season vigor and eliminate the need for overseeding



CROP SPECIFIC RECOMMENDATIONS & ALIGNMENT

BUILD THE FOUNDATION



Lay the groundwork for improved planter performance, uniform emergence, and stand establishment





ESTABLISH EARLY STRENGTH



Convert

OPTIMIZE IN-SEASON GENETIC POTENTIAL



Provide essential nutrition and stress management solutions in-season

NutriBoost Defense NutriBoost N NutriBoost NKB NutriBoost S-17



IMPROVE TANK MIX PERFORMANCE

Enhance the performance of spray tank inputs and reduce off-target loss

OptalignCompleteOptalignExactOptalignMSOOptalign2D

MASTERS CHOICE SPECIALTY SILAGE

Silage that delivers results.

For operations wishing to maximize milk per acre, Masters Choice specialty silage is the perfect choice. Masters Choice products are specifically designed to provide the optimal combination of tonnage and quality to deliver the performance you need on your farm and in your dairy. You'll find our lineup features highly digestible grain along with high fiber digestibility for outstanding total plant digestion in ruminant animals. These products improve efficiency and profitability and are a great choice for producers growing silage on their own acres for their own use.

FEATURED MASTERS CHOICE HYBRIDS

MCT3227-D	MCT4981-D	MCT5877-D
MCT3897-D	MC5160	MC6150
MCT4057-D	MC5250	MCT6288-DV
MCT4578-DV	MCT5515-AT	MCT6367-D
MCT4628-DV	MCT5661-GT	MCT6748-DV



EVERY FARM.

EVERY CROP.

EVERY ACRE.

Visit seedcorn.com for more information and additional product offerings.

MASTERGRAZE Revolutionary Corn Forage

CHARACTERISTICS

- Brown mid rib tillering corn product
- Excellent tonnage for short season crop
- Approximately 60 days to harvest (depending on accumulation of heat units)
- 10-15% average protein
- NDFD-30 as high as 80%
- Extremely high sugars
- Reduce Nitrogen application 1/3 to 1/2

R		
	n AC	
		K

FORAGE SPECIES	DAYS TO HARVEST	DM YIELDS	CRUDE PROTEIN %	NDFD-30	MILK PER TON
Corn Silage	120	8	8	58	3400
Forage Sorghum	120	6.5	8	52	2200
Sorghum Sudan	60	3.5	15	55	2800
MasterGraze	60	6	16	65	3200
Forage Oats	60	2.5	18	63	2800
Triticale	60	3.5	15	63	2600

MANAGEMENT

- Planting population 28-36k
- MasterGraze is a corn seed and responds best to a corn planter; planted at 1.5-2 inches deep
- MasterGraze is NOT glyphosate or glufosinate tolerant
- Herbicides used for conventional corn, in accordance to label, are recommended
- Fits well into a 2-3 crop rotation

HARVEST

Haylage/Balage

- Prepare to harvest at full tassel
- Mowing and wilting with WIDE SWATH technique recommended with special attention to moisture content
- Lay wide and avoid heavy wind rows

Grazing

• Strip grazing is usually best; cows will eat stalks down to the ground if allowed

DOUBLE CROPPING

Planting and harvest management plans can develop around a 2-3 crop rotation. Come back with sorghum Sudangrass in the south and cereal grains (triticale, oats, rye, etc.) in the north as great double crop options. Simply drill the sorghum or cereal into the corn stubble and allow the growth of corn tillers to grow with secondary crop.





PLANTING GUIDE

EVERY FARM. EVERY CROP. EVERY ACRE.

Estimating Plant Population

An accurate estimate of plant population per acre can be obtained by counting the number of stalks in a length of row equal to 1/1000 of an acre. Make at least three counts at separate sections of the cornfield, figure the average of these samples, then multiply this number times one thousand.

Row Width	Row Length Equal to 1/1000 Acre	Row Width	Row Length Equal to 1/1000 Acre
20"	26'1"	32″	16'4"
24"	21'9"	36″	14'6″
28″	18'8"	38″	13'9"
30"	17'5"	40″	13'1"

Number and Length of Rows in an Acre

One fairly accurate way to determine the number of acres in a cornfield, or portion of a cornfield, is by computing the length of the rows and the distance between rows. The following table shows the number and length of rows in one acre.

Length of Rows	If distance between row is:													
in Feet	20″	24″	30″	32″	36″	38"	40″							
660	39.6	33.0	26.4	24.7	22.0	20.8	19.8							
990	26.4	22.0	17.6	16.5	14.7	13.9	13.2							
1320	19.5	16.5	13.2	12.7	11.0	10.4	9.9							
1650	15.8	13.2	10.5	9.9	8.8	8.3	7.9							
1980	13.2	11.0	8.7	8.2	7.3	6.9	6.5							
2310	11.3	9.4	7.5	7.0	6.3	5.9	5.6							
2640	9.8	8.2	6.6	6.2	5.5	5.2	4.9							

Fertilizer Weight and Measures

		-	
Pounds of Active Nutrient per Gallon			
Liquid:	Ν	Р	K
1 gallon 28% (28-0-0) = 10.66 lbs.	2.98	0	0
1 gallon 10-34-0 = 11.65 lbs.	1.16	3.96	0
1 gallon 7-21-7 = 11.00 lbs.	0.77	2.31	0.77
1 gallon 9-18-9 = 11.11 lbs.	0.99	1.99	0.99
1 gallon NH (82-0-0) = 5.15 lbs.	4.22	0	0
Dry Bulk: Ammonium Sulfate (21-0-0) Ammonium Nitrate (34-0-0) Urea (46-0-0) Diammonium Phosphate (18-14-0) Ammonium Phosphate (16-20-0) Coarse Muriate of Potash (0-0-60)		60-64 lbs 58-62 lbs 48-52 lbs 56-60 lbs 58-62 lbs 66-70 lbs	./cu. ft. ./cu. ft. ./cu. ft. ./cu. ft.

Formula for Determining Yield per Acre (Corn)

Use this formula to determine bu./A of No. 2 (15%) shelled corn: (100 - harvest moisture) x (lbs. grain harvested) x (110.465) / (row length, ft.) / (row width, in.) / (no. rows harvested) = bu./A

EXAMPLE: Six 30" rows 1,980 feet (120 rods) in length are harvested, yielding 6500 lbs. of shelled corn at 18.9% moisture: (100 - 18.9 = 81.1) x (6500) x (110.465) / (1,980) / (30) / (6) = 163.4 bu./A

Formula for Determining Yield per Acre (Soybeans)

Use this formula to determine bu./A of soybeans:

(100 – moisture) x (lbs. soybeans harvested) x (100.138) / (row length, ft) / (row width, in.) / (no. rows harvested) = bu. of yield per acre at 13%

Seeds Per Pound

Desired Seeds Per Acre	2,000	2,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900	3,000	3,100	3,200	3,300	3,400	3,500	2
125,000	63	60	57	54	52	50	48	46	45	43	42	40	39	38	37	36	
140,000	70	67	64	61	58	56	54	52	50	48	47	45	44	42	41	40	
150,000	75	71	68	65	62	60	58	56	54	53	50	48	47	45	44	43	
160,000	80	76	73	70	67	64	62	59	57	55	53	52	50	48	47	46	
175,000	88	83	80	76	73	70	67	63	63	60	58	56	55	53	51	50	
185,000	93	88	84	80	77	74	71	69	66	64	62	60	58	56	54	53	
200,000	100	95	91	87	83	80	77	74	71	69	67	65	63	61	59	57	
215,000	108	102	98	93	90	86	83	80	77	74	72	69	67	65	63	61	ī
225,000	113	107	102	98	94	90	87	83	80	78	75	73	70	68	66	64	

Note: Figures for lbs./acre have been rounded to nearest whole number

Seeds Per Foot

Row Width	12	11	10	9	8	7	6	5	4	3	2.5	2
	Seeds per Acre in Thousands											
7"	896	821	746	671	598	521	448	373	299	224	187	150
10"	627	575	523	471	419	367	314	262	209	157		
14"	448	411	374	336	300	263	224	188	150			
15″	418	383	348	313	278	243	209	173	138			
20"	314	288	262	236	210	184	158	132				
24"	261	239	217	195	173	151	129					
28″	224	205	186	167	148	129						
30"	209	192	175	158	141	124						
32"	196	180	164	148	132							
36″	174	160	145	140								
38"	165	151	137									

Connect a face, with a name, with a person.

At Rob-See-Co, we know that you don't build relationships with a website – or even a seed guide. Our leadership team stays connected to the products we offer and the people who use them. So you get to know Rob-See-Co as a company of people, all working as a team to deliver the advantages you need to improve the ROI of your operation.



Rob Robinson Chief Executive Officer rrobinson@robseeco.com (cell) 402-206-6546

Chuck Lee General Manager clee@robseeco.com (cell) 952-270-1860



Jim Robinson Chief Technology Officer jrobinson@robseeco.com (cell) 402-680-8335



Rvan Halls Chief Financial Officer rhalls@robseeco.com (cell) 515-290-8118



Aaron Sinclair Chief Operations Officer asinclair@robseeco.com (cell) 515-204-6919



West Division

Sales Manager

jdilbeck@robseeco.com

(cell) 402-699-6657



Brian Davis East Division Sales Manager bdavis@robseeco.com (cell) 763-760-5837

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.



Innotech* is a Syngenta brand distributed by Rob-See-Co. Agrisure*, Agrisure* Above, Agrisure* Total, Artesian*, Agrisure Viptera*, Duracade*, Duracade*, Duracade*, Viptera*, Viptera*, Viptera*, Zardue* are trademarks of a Syngenta Group Company. HERCULEX* and the HERCULEX Shield are trademarks of Corteva Agriscience LLC. Agrisure* Technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. Herculex* Technology incorporated into these seeds is commercialized under license from Corteva Agriscience LLC. YieldGard VT Pro* is a registered trademark used under license from the Bayer Group. More information about Duracade" is available at http://www.biotradestatus.com/.



LIBERTY 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 K 💓 🗴 control of Liberty* herbicide for optimum vield and excellent weed control. Liberty, * LibertyLink, * and the Water Droplet logo are registered trademarks of BASF.



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

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



Refuge seed may not always contain the DroughtGard* trait. IMPORTANT IRM INFORMATION: Certain products are sold as RIB Complete* corn blend products, and do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. Products sold without refuge in the bag (non-RIB Complete) require the planting of a structured refuge. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations

of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend* soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with XtendFlex* Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend* soybeans or products with XtendFlex* Technology. Roundup Ready 2 Xtend* soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs. XtendFlex*, Roundup Ready 2 Xtend*, RIB Complete and Design*, RIB Complete*, Roundup Ready 2 Technology and Design*, Roundup Ready*, DroughtGard*, Trecepta*, SmartStax*, 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 Dow AgroSciences LLC. 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. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association.



LIBERTY Vield Gurn 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. More information about Duracade[®] is available at http://www.biotradestatus.com/. Seed products with the LibertyLink[®] (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to

alyphosate in corn, and combine high-vielding genetics with the powerful, non-selective, postemergent weed control of Liberty* herbicide for optimum vield and excellent weed control. Corn trait Technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. LibertyLink[®], Liberty[®] and the Water Droplet logo are registered trademarks of BASF. Herculex[®] Technology incorporated into these seeds is commercialized under license from Corteva Agriscience LLC. HERCULEX® and the HERCULEX Shield are trademarks of Corteva Agriscience LLC. YieldGard VT Pro® is a registered trademark used under license from the Bayer Group.



In the following states, purchase and use of HarvXtra* Alfalfa with Roundup Ready* Technology is subject to a Seed and Feed Use Agreement, requiring that products of this technology can only be used on farm or otherwise be used in the United States: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming. In addition, due to the unique cropping practices do not plant HarvXtra® Alfalfa with Roundup Ready® Technology in Imperial County, California, pending import approval and until Forage Genetics International, LLC (FGI) grants express permission for such planting. Forage Genetics International, LLC ("FGI") is a member of Excellence Through Stewardship® (ETS). FGI products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with FGI's Policy for Commercialization of Biotechnology-Derived Plant

Products in Commodity Crops. HarvXtra® Alfalfa with Roundup Ready® Technology and Roundup Ready® Alfalfa have pending import approvals. GROWERS MUST DIRECT ANY PRODUCT PRODUCED FROM HARVXTRA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY SEED OR CROPS (INCLUDING HAY AND HAY PRODUCTS) ONLY TO UNITED STATES DOMESTIC USE. 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. Growers should refer to http://www.biotradestatus.com/ for any updated information on import country approvals. Excellence Through Stewardship* is a registered trademark of Excellence Through Stewardship, ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready[®] crops contain genes that confer tolerance to glyphosate. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Roundup Ready[®] is a registered trademark of Bayer Group, used under license by Forage Genetics International, LLC. HarvXtra* is a registered trademark of Forage Genetics International, LLC. HarvXtra* Alfalfa with Roundup Ready* Technology is enabled with Technology from The Samuel Roberts Noble Foundation, Inc.

Seed containing the XtendFlex* traits can only be used to plant a single commercial crop. It is unlawful to save and replant XtendFlex* soybeans. Additional information and limitations on the use of this product are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: tug.bayer.com. U.S. patents for Bayer technologies can be found at the following webpage: cs.bayerpatents.bayer.com



Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS product launch stewardship guidance Corteva Agrisciences Product Launch Stewardship Policy. No crop or material produced from this product can be exported to, used, processed or sold 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. For further information about your crop or grain marketing options, contact DAS at 877-4-TRAITS (877-487-2487). Information regarding the regulatory and market status of agricultural biotechnology products can be found at: www.biotradestatus.com.

Seeds containing the Enlist, Herculex and PowerCore traits are protected under numerous US patents. Seeds containing patented traits can only be used to plant a single commercial crop and cannot be saved or replanted. You acknowledge and agree to be bound by the terms and conditions of the following documents in effect at the time of planting of this seed: (i) the Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements detailed therein (www.corteva.us/Resources/trait-stewardship.html). To plant Enlist, Herculex and PowerCore seed, you must have a limited license from Corteva Agriscience. In consideration of the foregoing, Corteva Agriscience grants to the Grower the limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed.

Always read and follow herbicide label directions prior to use: Enlist® products contain the Enlist trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burndown, the only 2.4-D containing herbicide products that may be used with Enlist^w crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2.4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products. Enlist corn contains genes that confer tolerance to 2,4-D and -fop herbicides. 2,4-D and -fop herbicides. not tolerant to 2,4-D or -fops.

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

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

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. Enlist E3® soybeans were jointly developed by Corteva Agriscience and MS Technologies. LLC. In Enlist E3 logo, and Colex-D are trademarks of Corteva Agriscience. PowerCore® multi-event technology developed by Corteva Agriscience and Monsanto. Roundup Ready®, Roundup Ready 2 Technology and Design, and PowerCore® are registered trademarks of Monsanto Technology LLC. Liberty Link® and the Water Droplet Design® are registered trademarks of BASF. Enlist®, Colex-D®, and Refuge Advanced® are trademarks of Corteva Agriscience and its affiliated companies. Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship.



PowerCore® Enlist® Refuge Advanced® corn products with HX1, VTP, ENL, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with PowerCore Enlist Refuge Advanced products.

XtendiMax* with VaporGrip* is a registered trademark of Bayer Group. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. XtendiMax* herbicide with VaporGrip* Technology is a restricted use pesticide.

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1015 N 205th Street • Elkhorn, NE 68022 855-450-1822 (toll free) • 402-218-1356 (local)

www.robseeco.com

