

**ROB-SEE-CO**<sup>TM</sup>

COME  
GROW  
WITH US

**2021-2022**  
SEED GUIDE



# A MESSAGE FROM ROB ROBINSON



When it comes to seed, you want to work with someone who's invested in your success – not the demands of anonymous shareholders. After starting Rob-See-Co as an independent seed company with a focus on relationships, I can honestly say, that remains true today. There's still only one stockholder we listen to – you.

The decisions we make continue to reflect this. Rob-See-Co's acquisition of Minnesota-based, NorthStar Genetics brings the benefits of the company's soybean production and expertise, offering growers more local choices in addressing specific agronomic needs and profitability goals. It also supports a shared culture between two regional, family-owned companies that revolves around the farmer relationship. We welcome the entire NorthStar family of growers, dealers and employees.

In the following pages, you'll see all the ways that Rob-See-Co continues to bring greater advantage to the farmers we serve, with access to the most diverse germplasm sources, better characterization and expansive trialing and sampling.

I invite you to get to know our people and see just how easy we make it to do business with Rob-See-Co.

**Rob Robinson**

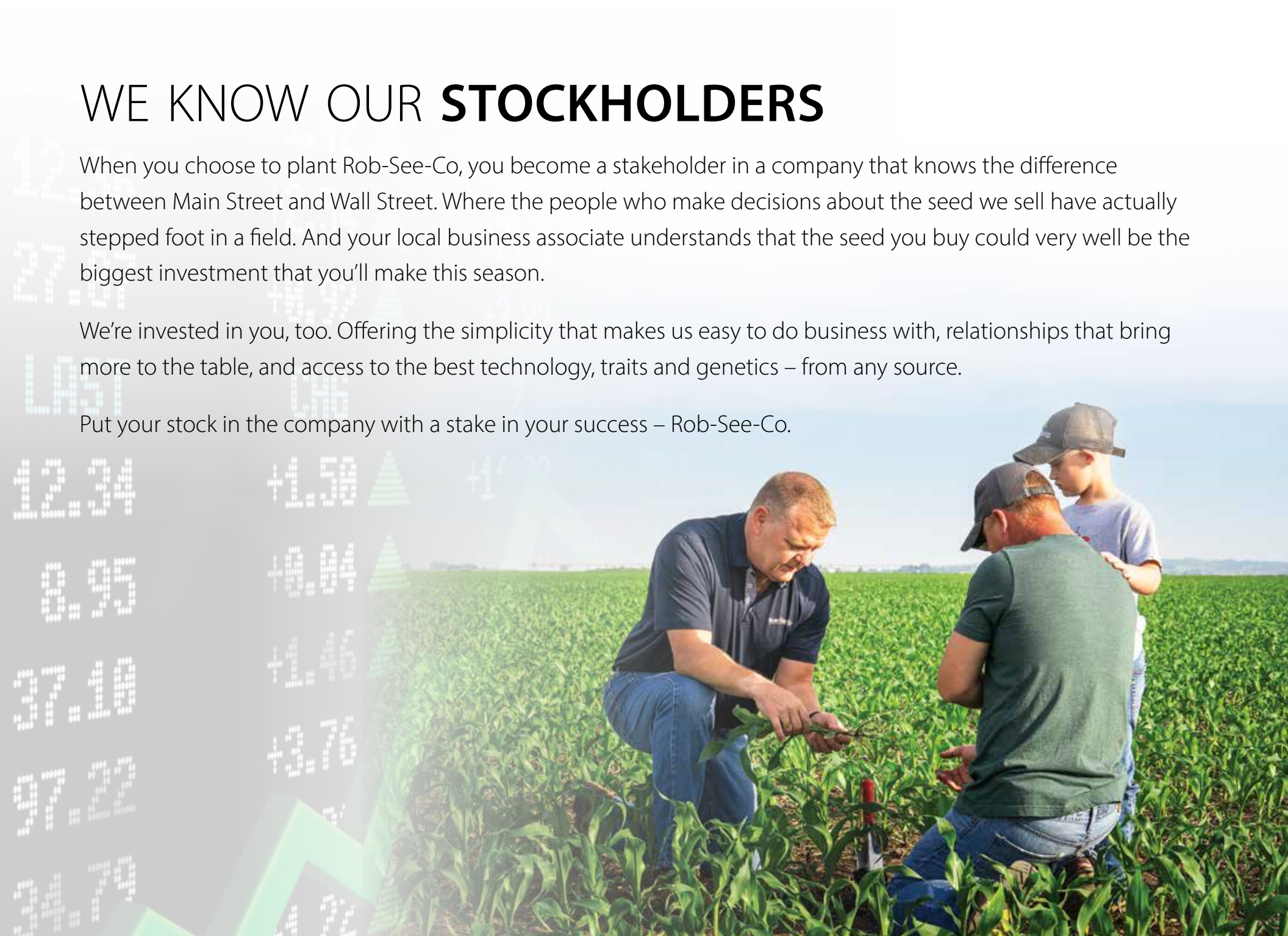
*CEO, Rob-See-Co*

# WE KNOW OUR **STOCKHOLDERS**

When you choose to plant Rob-See-Co, you become a stakeholder in a company that knows the difference between Main Street and Wall Street. Where the people who make decisions about the seed we sell have actually stepped foot in a field. And your local business associate understands that the seed you buy could very well be the biggest investment that you'll make this season.

We're invested in you, too. Offering the simplicity that makes us easy to do business with, relationships that bring more to the table, and access to the best technology, traits and genetics – from any source.

Put your stock in the company with a stake in your success – Rob-See-Co.



# UNLEASH YOUR HYBRID'S GENETIC POTENTIAL



The traits you need, from any source. That's the key to Rob-See-Co's independence. We make it easy to access innovative technology that's right for your farm, like the Agrisure® traits portfolio. Designed to unleash the genetic potential of your hybrids, each of these high-performing traits enables you to overcome your greatest challenge – whether it's corn rootworm, above-ground insect control, or gaps in rainfall. Rob-See-Co has them all.

TRAIT STACK NAME	INSECTS CONTROLLED			HERBICIDE TOLERANCE		REFUGE REQUIREMENTS		AGRISURE ARTESIAN® VERSION
	Broad Lep	Corn Borer	Rootworm	GT	LL	CORN GROWING REGIONS	COTTON GROWING REGIONS	
<b>No GM traits</b>								
Conventional						None required	None required	Agrisure Artesian®
<b>Herbicide tolerant only</b>								
Agrisure® GT				✓		None required	None required	Agrisure Artesian® GTA
Agrisure® GT/LL				✓	✓	None required	None required	Agrisure Artesian® GT/LLA
<b>Above-ground insect control</b>								
Agrisure® 3010		1		✓	✓	20% within 1/2 mile	50% within 1/2 mile	Agrisure Artesian® 3010A
Agrisure Viptera® 3110	1*	1		✓	✓	20% within 1/2 mile	20% within 1/2 mile	Agrisure Viptera® 3110A
Agrisure® 3120 E-Z Refuge®	1	2		✓	✓	5% in the bag	20% within 1/2 mile	Agrisure Artesian® 3120A E-Z Refuge®
Agrisure Viptera® 3220 E-Z Refuge®	2*	2		✓	✓	5% in the bag	20% within 1/2 mile	Agrisure Viptera® 3220A E-Z Refuge®
Agrisure Viptera® 3330 E-Z Refuge®	3*	3		✓	✓	5% in the bag	20% within 1/2 mile	Agrisure Viptera® 3330A E-Z Refuge®
<b>Above and below-ground insect control</b>								
Agrisure® 3000GT		1	1	✓	✓	20% in field/adjacent	50% in field/adjacent	Agrisure Artesian® 3011A
Agrisure Viptera® 3111	1*	1	1	✓	✓	20% in field/adjacent	20% in field/adjacent	Agrisure Viptera® 3111A
Agrisure® 3122 E-Z Refuge®	1	2	2	✓	✓	5% in the bag	20% in field/adjacent	Agrisure Artesian® 3122A E-Z Refuge®
Agrisure Duracade® 5122 E-Z Refuge®	1	2	2	✓	✓	5% in the bag	20% in field/adjacent	Agrisure Duracade® 5122A E-Z Refuge®
Agrisure Duracade® 5222 E-Z Refuge®	2*	2	2	✓	✓	5% in the bag	20% in field/adjacent	Agrisure Duracade® 5222A E-Z Refuge®

\* Contains Agrisure Viptera® trait for unsurpassed above-ground pest control      Numbers 1, 2, or 3 equal number of modes of action in hybrid.

## AGRISURE® TRAITS NOMENCLATURE



The **brand suffix** changes as new technologies are introduced.

The **technology series** is indicated by the first number. The 3 technology series represents herbicide tolerance and the 5 technology series represents Agrisure Duracade.

The **last three numerical identifiers** represent the number of modes of action in each hybrid for broad lepidopteran, corn borer and corn rootworm control.

The **letter A** indicates that the hybrid is a water-optimized Agrisure Artesian hybrid.

The E-Z Refuge descriptor follows the trait stack numerical identifiers for hybrids that are available as integrated, single-bag refuge products which contain 95 percent seed of a corn hybrid containing the trait stack and 5 percent seed of a hybrid without insect control traits.

*Note: The naming system does not apply to Agrisure 3000GT.*

## Many Options. One Choice.

From field to field, season to season and grower to grower – there's one company you can count on to provide you with the genetic diversity you need to target the specific challenges you face. It's Rob-See-Co.

## AgrisureDuracade®

### One-two punch against corn rootworm.

With less insect damage and stronger root systems below ground, the Agrisure Duracade® trait is proven to increase yield and profitability. It features a unique mode of action that expresses a protein that binds differently to the gut of the corn rootworm, and is stacked with a proven, second mode of action against the corn rootworm. Below ground, the Agrisure Duracade trait ensures strong, healthy stands, and roots that help your crop reach its full genetic yield potential.



## AgrisureViptera®

### Fight back harder against ear, leaf and stalk pests.

The Agrisure Viptera® trait offers the most comprehensive above-ground insect control in the industry. Avoid leaving your crop open to molds and mycotoxins by keeping corn earworm, western bean cutworm and more than a dozen other insect pests out of your plants.



## AgrisureArtesian®

### Better yields, whatever the weather.

Whether it rains or shines, you're covered with Agrisure Artesian® hybrids from Rob-See-Co. Designed to optimize water all season long, the Agrisure Artesian trait converts water to grain more effectively than other hybrids during dry conditions. Agrisure Artesian technology lets you improve yield consistency even with gaps in rainfall throughout the season.



# CORN HYBRIDS

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



BRAND	RELATIVE MATURITY				AGRONOMIC CHARACTERISTICS								PLANT CHARACTERISTICS			DISEASE CHARACTERISTICS				PLANTING RATE	PRODUCT FIT					
	RM	RM to Silk	RM to Blacklayer	GDU to Blacklayer	Emergence	Seedling Vigor	Root Strength	Stalk Strength	Green Snap	Drydown	Drought Tolerance	Plant Height	Ear Height	Test Weight	Gray Leaf Spot	Goss's Wilt	Northern Corn Leaf Blight	RT 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
RC2862	78	78	78	1860	5	5	5	8	6	6	8	7	6	8	-	6	5	●	M-H	●	●	●	●	●	●	
RC3041	80	75	76	1790	7	6	7	7	6	5	9	6	5	7	-	4	6	●	M-MH	●	●	●	●	●	●	
RC3418	84	84	84	2100	8	6	8	7	7	7	9	5	5	7	-	7	7	●	ML-MH	●	●	●	●	●	●	
RC3565	85	85	85	2140	7	7	6	6	6	4	8	7	6	7	-	-	-	-	M-MH	●	●	●	-	-	-	
RC3601	86	85	86	2170	6	7	7	7	6	6	9	7	5	7	-	6	6	●	ML-MH	●	●	●	●	●	●	
IC3833	88	89	88	2280	7	7	7	8	6	7	9	7	6	6	-	7	6	●	ML-MH	●	●	●	●	●	●	
RC3833	88	89	88	2280	7	7	7	8	6	7	9	7	6	6	-	7	6	●	ML-MH	●	●	●	●	●	●	
IC3983 <b>NEW</b>	89	89	89	2270	7	7	6	7	7	6	7	7	7	5	-	5	7	●	ML-MH	●	●	-	●	-	●	
RC4016	90	88	88	2200	6	7	7	7	5	7	6	7	6	6	-	6	6	●	M-MH	●	●	●	●	●	●	
RC4166	91	89	90	2285	7	7	6	7	7	7	9	7	6	6	-	7	7	●	M-MH	●	●	●	●	●	●	
IC4343	93	93	94	2380	7	7	7	7	6	6	7	8	8	7	-	6	7	●	ML-MH	●	●	●	●	●	●	
RC4343	93	93	94	2380	7	7	7	7	6	6	7	8	8	7	-	6	7	●	ML-MH	●	●	●	●	●	●	
RC4427	94	94	94	2380	8	7	6	7	7	7	8	7	7	7	-	6	-	●	L-M	●	●	●	-	-	●	
RC4535	95	95	96	2400	7	7	7	7	6	7	6	7	7	7	-	5	6	-	M-MH	●	●	●	-	-	●	
RC4570	95	95	95	2390	7	8	7	8	3	7	8	7	6	8	6	6	6	●	ML-MH	●	●	●	●	●	●	
IC4660	96	96	96	2400	7	8	6	8	7	7	7	8	8	8	-	7	6	●	ML-H	●	●	●	●	●	●	
RC4688	96	98	97	2400	6	7	5	6	6	7	6	7	7	7	-	6	7	●	ML-MH	●	●	●	●	●	●	
RC4759	97	95	97	2400	7	8	7	7	5	7	7	8	7	6	-	5	6	●	ML-H	●	●	●	●	●	●	
RC4817	98	98	98	2405	7	7	7	8	6	7	6	6	6	7	6	-	7	-	M-MH	●	●	●	-	-	●	
RC4848	98	98	98	2410	7	8	5	7	6	7	8	8	7	5	5	5	7	●	L-MH	●	●	●	●	●	●	
RC4881	98	97	98	2405	7	7	7	7	6	6	6	6	6	7	-	5	6	●	ML-MH	●	●	●	●	●	●	
RC4952	99	98	98	2405	6	5	7	8	7	7	6	6	5	7	-	5	-	●	M-MH	●	●	●	●	●	●	
RC5112	101	103	101	2460	6	7	6	7	7	6	7	8	7	7	6	8	6	●	ML-H	●	●	●	●	●	●	
RC5142	101	101	101	2445	7	5	7	6	7	7	7	6	6	7	-	5	6	-	ML-MH	●	●	●	●	●	●	
RC5251	102	100	101	2445	7	6	8	7	6	7	8	5	5	6	7	4	7	●	L-MH	●	●	●	●	●	●	
IC5267	102	102	103	2490	7	7	8	7	6	8	8	7	6	4	7	7	6	●	M-MH	●	●	●	●	●	●	
IC5316	103	104	104	2500	6	6	6	6	4	7	7	6	6	6	6	6	7	●	ML-MH	●	●	●	●	●	●	
RC5323	103	103	102	2475	8	8	7	7	7	6	6	8	7	8	6	7	5	●	M-H	●	●	●	●	●	●	
RC5460	104	105	106	2555	6	7	5	6	7	6	7	5	6	4	5	5	7	-	L-M	●	●	●	●	●	●	
IC5480	104	104	104	2500	7	7	8	8	6	6	9	5	6	6	-	7	7	●	ML-MH	●	●	●	●	●	●	
RC5510	105	104	105	2540	6	6	6	6	7	5	7	6	6	6	6	6	7	●	ML-MH	●	●	●	●	●	●	
RC5525	105	104	105	2550	8	7	7	5	7	7	7	6	6	7	6	4	7	●	ML-MH	●	●	●	●	●	●	
RC5573	105	105	105	2550	6	6	5	8	6	7	8	8	7	6	6	7	6	●	M-MH	●	●	●	●	●	●	
RC5644	106	104	106	2560	6	6	6	6	5	7	6	8	7	8	6	6	6	●	M-MH	●	●	●	●	●	●	
IC5723 <b>NEW</b>	107	107	106	2555	6	6	8	7	6	5	8	8	8	6	-	5	6	●	ML-MH	●	●	●	●	●	●	

BRAND	RELATIVE MATURITY				AGRONOMIC CHARACTERISTICS							PLANT CHARACTERISTICS			DISEASE CHARACTERISTICS				PLANTING RATE	PRODUCT FIT					
	RM	RM to Silk	RM to Blacklayer	GDU to Blacklayer	Emergence	Seedling Vigor	Root Strength	Stalk Strength	Green Snap	Drydown	Drought Tolerance	Plant Height	Ear Height	Test Weight	Gray Leaf Spot	Goss's Wilt	Northern Corn Leaf Blight	RT 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
RC5730	107	107	109	2570	6	6	5	7	7	8	8	7	7	5	7	7	7	●	ML-M	●	●	⊗	●	●	●
IC5736	107	107	109	2570	7	7	5	6	6	6	9	8	7	7	5	6	7	●	L-M	●	●	●	●	●	●
RC5819	108	106	107	2565	6	5	6	7	5	7	7	7	6	7	7	6	7	●	L-MH	●	●	●	●	●	●
RC5831	108	107	109	2570	8	8	8	7	7	8	8	7	6	6	7	6	7	●	ML-MH	●	●	●	●	●	●
RC5913 NEW	109	108	109	2570	7	7	7	7	6	7	8	6	6	5	5	6	5	●	ML-H	●	●	●	●	●	●
RC5917	109	109	110	2580	7	7	7	7	4	7	8	7	7	7	7	8	7	●	M-H	●	●	●	●	●	●
RC5940	109	110	109	2575	7	7	7	7	7	7	8	7	6	6	7	7	7	●	M	●	●	●	●	●	●
RC6001	110	111	109	2570	6	7	5	7	6	6	7	5	6	6	6	6	7	●	L-M	●	●	●	●	●	●
RC6038	110	108	111	2590	7	7	5	6	6	6	7	8	6	6	5	7	3	●	ML-M	●	●	●	●	●	●
RC6097	110	110	111	2590	7	7	7	7	5	6	7	7	7	6	7	7	7	●	M-H	●	●	●	●	●	●
IC6125	111	110	111	2590	6	6	8	7	6	7	9	5	6	5	6	5	7	●	ML-MH	●	●	●	●	●	●
RC6148	111	111	111	2600	6	7	6	6	7	5	9	8	8	7	7	7	6	●	L-M	●	●	●	●	●	●
IC6229	112	112	112	2600	7	6	7	7	7	7	7	7	7	6	6	5	6	●	ML-MH	●	●	●	●	●	●
RC6312	113	111	113	2625	8	8	7	7	7	8	7	7	7	7	7	7	7	●	ML-H	●	●	●	●	●	●
IC6345	113	112	114	2630	7	7	6	6	5	7	8	7	7	6	4	7	7	●	ML-M	●	●	●	●	●	●
IC6350	113	113	114	2630	7	6	6	7	7	6	7	7	7	6	6	5	5	●	ML-H	●	●	●	●	●	●
IC6367	113	112	113	2620	6	6	5	6	6	7	7	6	6	5	4	6	6	●	ML-MH	●	●	●	●	●	●
RC6377	113	112	113	2620	7	8	7	8	6	6	6	8	7	6	7	7	5	●	M-MH	●	●	●	●	●	●
RC6401	114	113	114	2630	7	7	8	8	7	7	7	7	7	6	6	6	6	●	ML-H	●	●	●	●	●	●
IC6426 NEW	114	114	114	2630	6	6	7	7	7	7	6	7	7	8	7	7	6	●	L-H	●	●	-	●	●	●
RC6585	115	115	116	2660	7	6	7	7	7	7	6	7	7	6	7	5	7	●	ML-MH	●	●	●	●	●	●
IC6653 NEW	116	115	117	2680	7	8	8	8	7	7	9	7	5	7	7	7	7	●	L-MH	●	●	-	●	●	●
IC6698	116	116	118	2690	6	7	6	7	7	8	8	7	7	6	5	7	7	●	L-M	●	●	●	⊗	●	●
RC6717	117	118	118	2700	7	6	6	7	4	6	7	8	7	6	6	-	5	-	ML-MH	●	●	-	-	-	●
RC6829	118	117	118	2700	7	7	7	6	7	8	6	8	7	7	7	6	7	●	ML-H	●	●	●	●	●	●

RC – Hybrid names that begin with “RC” indicate products offered as Rob-See-Co brand hybrids. IC – Those that begin with “IC” are offered as Innotech® brand hybrids.

### Agronomic and Disease Ratings

9 = Best  
1 = Worst  
- = Not available

### Plant Height

9 = Tall  
1 = Short

### Ear Height

9 = High  
1 = Low

### Test Weight

9 = High  
1 = Low

### Planting Rate Guideline

L = Low (low for yield environment)  
ML = Medium Low (below average for yield environment)  
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.
- ⊗ Performance is below desired levels relative to other hybrids in maturity group.

### 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 suggestion in the above chart. How the product responds

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

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.

### SEED TREATMENTS



Avicta® Complete Corn nematocidal/insecticide/fungicide and CruiserMaxx® Corn insecticide/fungicide seed treatments, both combinations of separately registered products, offer advanced, broad-spectrum protection against early-season insects and diseases to maximize yield potential.

# CORN HYBRIDS

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



## SILAGE CHARACTERISTICS

BRAND	SILAGE YIELD (TON/A)	CP (% OF DM)	NDFD 48 HR (%)	STARCH (% OF DM)	TDN (% OF DM)	NEL (MCAL/LB)	MILK (LBS/TON)	MILK (LBS/A)	BEEF (LBS/TON)	BEEF (LBS/A)
RC3041	●	●	●	●	●	-	●	●	●	●
RC3418	●	●	●	●	●	●	●	●	●	●
RC3601	●	●	●	●	●	●	●	●	●	●
RC3833	●	●	●	●	●	-	●	●	●	●
IC3983 <i>NEW</i>	●	●	●	●	●	●	●	●	●	●
RC4166	●	●	●	●	●	●	●	●	●	●
RC4343	●	●	●	●	●	●	●	●	●	●
RC4570	●	●	●	●	●	●	●	●	●	●
IC4660	●	●	●	●	●	●	●	●	●	●
RC4688	●	●	●	●	●	●	●	●	●	●
RC4759	●	●	●	●	●	●	●	●	●	●
RC4848	●	●	●	●	●	●	●	●	●	●
RC4881	●	●	●	●	●	●	●	●	●	●
RC5112	●	●	●	●	●	●	●	●	●	●
RC5251	●	●	●	●	●	●	●	●	●	●
IC5267	●	●	●	●	●	●	●	●	●	●
RC5323	●	●	●	⊗	●	●	●	●	●	●
RC5510	●	●	●	●	●	●	●	●	●	●
RC5573	●	●	●	●	●	●	●	●	●	●
RC5644	●	●	●	●	●	●	●	●	●	●
IC5736	●	●	●	●	●	●	●	●	●	●
RC5819	●	●	●	●	●	●	●	●	●	●
RC5831	●	●	●	●	●	●	●	●	●	●
RC5913 <i>NEW</i>	●	●	●	●	●	●	●	●	●	●
RC5917	●	●	●	●	●	●	●	●	●	●
RC5940	●	●	●	●	●	●	●	●	●	●
RC6038	●	●	●	●	●	●	●	●	●	●
RC6097	●	●	●	●	●	●	●	●	●	●
RC6148	●	●	●	●	●	●	●	●	●	●
RC6312	●	●	●	●	●	●	●	●	●	●
IC6345	●	●	●	●	●	●	●	●	●	●
IC6350	●	●	●	●	●	●	●	●	●	●
IC6367	●	●	●	●	●	●	●	●	●	●
RC6377	●	●	●	●	●	●	●	●	●	●
RC6401	●	●	●	●	●	●	●	●	●	●
IC6698	●	●	●	●	●	●	●	●	●	●
RC6829	●	●	●	●	●	●	●	●	●	●

### 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.

**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.



RM 78

**RC2862-3220**  **Agrisure Viptera** 3220 E-Z Refuge 

- Solid stalk strength with exceptional yield potential
- Excellent staygreen with very good test weight
- Strong drought tolerance to handle variable environments

RM 80

**RC3041-3110A**  **Agrisure Viptera** 3110A 

- Agrisure 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

**RC3418-3220A**  **Agrisure Viptera** 3220A E-Z Refuge 

- Agrisure Artesian® technology for outstanding performance in and north of zone
- Medium-short statured plant with strong emergence
- Outstanding root strength with strong stalks and quick drydown

RM 85

**RC3565-3220**  **Agrisure Viptera** 3220 E-Z Refuge 

- Performs very well on variable soils and stress-prone fields
- Strong emergence and seedling vigor, with quick canopy closure
- Attractive plant with above average test weight

RM 86

**RC3601-Artesian**  **Agrisure Artesian**  
**RC3601-GTA**  **Agrisure Artesian GTA**

- Agrisure 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

RM 88

**IC3833-3120A**  **Agrisure Artesian** 3120A E-Z Refuge 

- Broadly adapted Agrisure Artesian® hybrid that performs in all yield environments
- Very strong roots and stalks for season-long standability
- Fast dry down with excellent Northern movement

RM 88

**RC3833-Artesian**  **Agrisure Artesian**

- Broadly adapted Agrisure Artesian® hybrid that performs in all yield environments
- Very strong roots and stalks for season-long standability
- Fast dry down with excellent Northern movement

RM 89

**IC3983-3220**  **Agrisure Viptera** 3220 E-Z Refuge 

**NEW**

- Strong performance on both highly productive and variable soils
- Very good Northern corn leaf blight tolerance
- Above average spring seedling characteristics, and autumn staygreen and stalk strength

# CORN HYBRIDS

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



RM 91

**RC4166-3110A**  








- Agrisure Artesian® technology for exciting top-end yield performance
- Top performance with dependable north-south movement
- Strong emergence and seedling vigor

RM 93

**IC4343-GT/LLA**  

- Agrisure Artesian® hybrid that excels in all yield environments
- Strong emergence and seedling vigor for early planted fields
- Solid stalk and root strength for season-long standability

RM 93

**RC4343-Artesian**   
**RC4343-3110A**    
**RC4343-3220A**    
**RC4343-5222A**  

- Agrisure Artesian® hybrid that excels in all yield environments
- Strong emergence and seedling vigor for early planted fields
- Solid stalk and root strength for season-long standability

RM 94

**RC4427-3220**  

- Delivers strong results on drought-prone and variable soils
- Well rounded agronomic package for stability and consistency
- Excellent emergence and strong early season vigor for early planting

RM 95

**RC4535-3110**  

- Outstanding performance on highly productive and poorly drained soils
- Best performance along I-29 and east
- Strong root and stalk strength for late season standability

RM 95

**RC4570-3220**  

- High yielding hybrid with very high test weight grain
- Versatile hybrid with excellent stalk strength
- Performs over a wide range of plant populations, from low to very high

RM 96

**IC4660-5222** AgrisureDuracade<sup>®</sup> 5222 E-Z Refuge<sup>®</sup> HX

- Tough, durable hybrid for your most challenging fields
- Fast drying grain with very high test weight
- Strong Goss's wilt, drought, and high pH tolerance for the Western High Plains

RM 96

**RC4688-3120** Agrisure3120<sup>®</sup> E-Z Refuge<sup>®</sup> HX  
**RC4688-5122** AgrisureDuracade<sup>®</sup> 5122 E-Z Refuge<sup>®</sup> HX

- Exceptional top-end yield potential for highly productive fields
- An attractive, dark colored and vigorous growing plant
- Medium-tall plant height with medium-high ear placement and very good test weight

RM 97

**RC4759-3110** AgrisureViptera<sup>®</sup> 3110 LIBERTY LINK  
**RC4759-5222** AgrisureDuracade<sup>®</sup> 5222 E-Z Refuge<sup>®</sup> HX

- Superior yield potential for your highest yielding fields
- Strong emergence with outstanding vigor
- Above average stalk strength combined with fast drydown

RM 98

**RC4817-Conv**

- Exciting, well-rounded hybrid with a broad area of adaptation
- Excellent standability for a flexible harvest schedule
- Outstanding conventional hybrid with very good standability



# CORN HYBRIDS

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



RM 98

**RC4848-3000GT**  

- Broadly adapted hybrid that works in a wide range of environments
- Very good emergence with outstanding seedling vigor
- Strong drought tolerance with industry-leading tolerance to high pH

RM 98

**RC4881-3010**  

**RC4881-5122**  

- Excels in high yield environments, especially in and south of zone
- Solid performance record on poorly drained fields and fine textured soils
- Above average emergence combined with very good seedling vigor

RM 99

**RC4952-3010**  

- Optimal performance in moderate to high yield environments
- Excellent roots and stalk strength
- Medium plant height with good test weight

RM 101

**RC5112-GTA** 

**RC5112-3011A**  

**RC5112-3122A**  

- Agrisure Artesian® technology with a solid performance record
- Very strong disease package and superior late season plant health
- Strong stalk strength and great grain quality

RM 101

**RC5142-3110**  

- Great performance over a wide range of yield levels
- Very good root and stalk strength and overall plant health
- Best positioned in zone and south with excellent movement west

RM 102

**RC5251-Conv**

- Broadly adapted conventional hybrid with very high yield potential
- Very good staygreen with solid root strength and strong stalks
- Medium statured plant with very good emergence and fast drydown

RM 102

**IC5267-3120**  E-Z Refuge<sup>®</sup>

- Excels in all yield environments and across all soil types in and north of zone
- Tall statured plant with excellent root strength and strong stalks
- Tremendous ear flex combined with fast drydown

RM 103

**RC5323-3110**  LIBERTY LINK

**RC5323-5222**  LIBERTY LINK

- Top performer on the highest yielding acre
- Very good emergence and seedling vigor
- Excellent test weight with strong stalk strength

RM 104

**RC5460-3000GT**  LIBERTY LINK

- Exciting performance in moderate and high yield environments
- Widely adapted, medium sized plant with medium-high ear placement
- Tremendous ear flex for high yields at moderate plant populations

RM 104

**IC5480-3111A**  LIBERTY LINK

- Stable, broadly adapted Artesian hybrid with a strong agronomic package
- Plant anywhere hybrid that excels in and north of zone
- Solid disease and late season standability package

RM 105

**RC5510-Conv**

**RC5510-3220**  LIBERTY LINK

**RC5510-5222**  LIBERTY LINK

- Superior yield potential for your highest yielding fields
- Medium plant height with medium ear placement and solid NCLB tolerance
- Moves north of zone extremely well

RM 105

**RC5573-3122**  LIBERTY LINK

- Great choice for silage and dual-purpose acres
- Strongest performance in and north of zone
- Performs well in a continuous corn rotation and on poorly drained fields

RM 107

**IC5723-5122**  LIBERTY LINK

**NEW**

- Excels over a wide range of yield environments
- Very strong root strength combined with above average stalks
- Handles both wet feet and drought-prone soils

RM 107

**IC5736-3111A**  LIBERTY LINK

- Agrisure Artesian<sup>®</sup> technology delivers superior drought tolerance
- Above average emergence and seedling vigor
- A tall attractive plant with medium-high ear placement

# CORN HYBRIDS

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



RM 108

**RC5819-3010**  

- Attractive, high performing hybrid that gets stronger as you move east
- Strong stalks combined with a very solid foliar disease package
- High, top-end capability combined with the toughness to handle variable or drought-prone soils

RM 108

**RC5831-Conv**

**RC5831-GT** 

**RC5831-3111**  

- Widely adapted hybrid with an outstanding performance record
- Excellent root and stalk strength with an attractive harvest appearance
- Medium-tall plant with medium ear placement

RM 109

**RC5913-3220**  

NEW

- Combines great agronomics with great yields
- Medium statured plant with strong emergence and seedling vigor
- Above average late season root and stalk strength

RM 109

**RC5917-3010**  

**RC5917-5122**  

- Versatile hybrid with exciting top-end yield potential
- Attractive, vigorous plant that responds favorably to high plant densities
- Very strong late season plant health and standability

RM 109

**RC5940-3120A**  

**RC5940-5122A**  

- Agrisure Artesian® hybrid with high top-end yield potential
- Very good emergence and seedling vigor for early planted fields
- Fast drydown combined with above average staygreen

RM 110

**RC6038-3220A**  

- Agrisure Artesian® hybrid with exciting performance across all yield levels
- Very good emergence with strong seedling vigor
- Medium plant height with medium ear placement

RM 110

**RC6097-3330**  **Agrisure Viptera**  **VieldGard VtPRO**  
3330 E-Z Refuge<sup>®</sup>

- Excels on highly productive soils and at higher plant densities
- Very good late season plant health and standability
- Outstanding disease tolerance package

RM 111

**IC6125-GTA**  **Agrisure Artesian** **GTA**  
**IC6125-3111A**  **Agrisure Viptera**  **LIBERTY LINK**  
3111A

- Agrisure Artesian<sup>®</sup> technology for versatility and dependability
- Medium statured plant with medium ear height
- Very good staygreen and outstanding root and stalk strength

RM 111

**RC6148-3010A**  **Agrisure Artesian**  **LIBERTY LINK**  
3010A

**RC6148-5122A**  **Agrisure Duracade**  **HX**  
5122A E-Z Refuge<sup>®</sup>

- Agrisure Artesian<sup>®</sup> hybrid built for the I-35 corridor and west
- Outstanding ear flex for excellent performance at moderate populations
- Exciting performance in all yield environments

RM 113

**RC6312-3220**  **Agrisure Viptera**  **LIBERTY LINK**  
3220 E-Z Refuge<sup>®</sup>

**RC6312-5222**  **Agrisure Duracade**  **HX**  
5222 E-Z Refuge<sup>®</sup>

- Very strong performance record across a wide range of yield levels
- Superb emergence and seedling vigor for any tillage practice
- Combines an excellent foliar disease package with high pH and Goss's wilt tolerance

RM 113

**IC6345-3111**  **Agrisure Viptera**  **LIBERTY LINK**  
3111

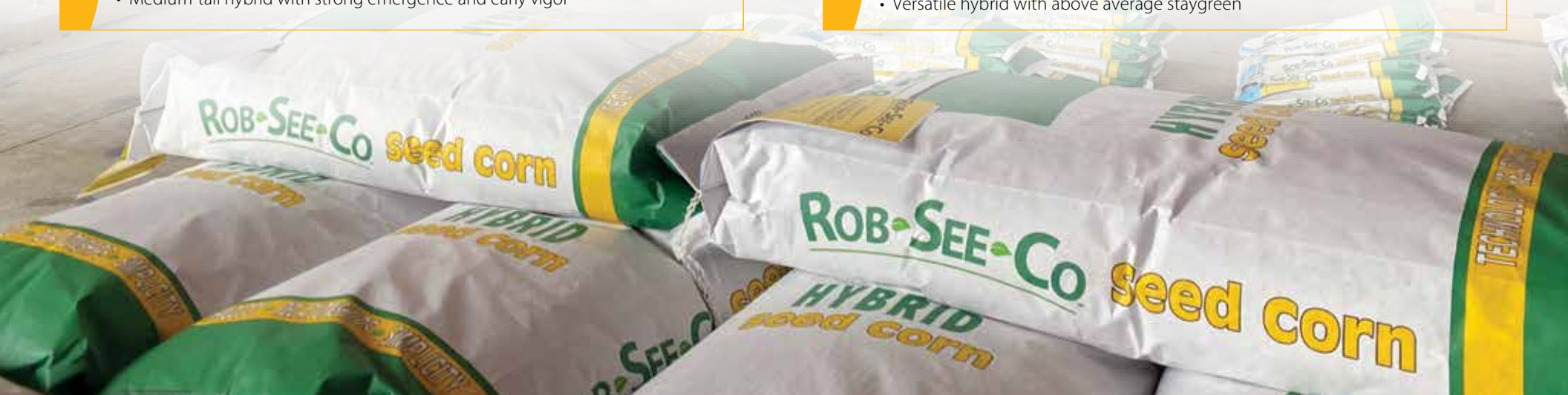
- Best performance on variable and drought-prone soils
- Very strong Goss's wilt tolerance combined with very good late season staygreen
- Medium-tall hybrid with strong emergence and early vigor

RM 113

**IC6350-3110**  **Agrisure Viptera**  **LIBERTY LINK**  
3110

**IC6350-5222**  **Agrisure Duracade**  **HX**  
5222 E-Z Refuge<sup>®</sup>

- Excellent performance on highly productive and poorly drained soils
- Medium-tall hybrid with strong stalks
- Versatile hybrid with above average staygreen



# CORN HYBRIDS

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



RM 113

**IC6367-3111**  

- Western adapted hybrid for high yielding sands and variable soils
- Handles high pH soils and limited irrigation
- Performs best under moderate and lower plant densities

RM 113

**RC6377-5122**  

- Great choice for your highest yielding fields
- Very healthy, attractive plant with excellent staygreen
- Solid root and stalks

RM 114

**RC6401-3120**  

**RC6401-5122**  

- High yielding and dependable full season hybrid
- Strong emergence and early vigor
- Very good root and stalk strength combined with good drydown

RM 114

**IC6426-3220**  

**IC6426-5222**  

- Exciting hybrid that can excel across a wide range of yield levels
- High test weight grain on a very attractive ear
- Strong disease package and solid late season agronomics

NEW

RM 115

**RC6585-3220**  

- Well rounded agronomic package for consistency across the field
- Strong roots and stalks combined with an attractive harvest appearance
- Solid tolerance to Gray leaf spot and Northern corn leaf blight

RM 116

**IC6653-3120A**  

**IC6653-5222A**  

- Agrisure Artesian hybrid with top-end to spare
- Industry leading agronomic package
- Excellent performance in and south of zone, from east to west

NEW



RM 116

**IC6698-GT** 

**IC6698-3111**  

- Superior yield performance combined with solid agronomics
- Very good drought tolerance and fast drydown
- Strong stalks and very good late season plant health and drydown

RM 117

**RC6717-3110**  

- Combines top-end potential for the best fields with rugged durability for tough conditions
- Above average stalk strength and an attractive ear type
- Unique look with an attractive ear type

RM 118

**RC6829-3110**  

**RC6829-3000GT**  

**RC6829-3111**  

- Exciting yield potential for moderately-high to ultra high yielding fields
- Strong overall agronomic and disease tolerance package
- Performs well over a wide range of densities, from slightly low to high



# SOYBEAN VARIETIES

SOYBEAN VARIETY BRANDS: Innotech®



BRAND	PRODUCT INFORMATION		DISEASE AND PEST CHARACTERISTICS										PLANT CHARACTERISTICS		PRODUCT FIT	
	Relative Maturity	Herbicide Tolerance Trait	SCN Resistance	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	Stability	Plant Height for Maturity	Canopy Width	Variable and Stress Environments	High Yield Environments
IS00836E3 <b>NEW</b>	0.08	E3	R3,MR14	7	Rps1a	6	-	6	-	-	8	6	M	M	●	●
IS0156E3	0.1	E3	S	7	Rps3a	7	7	6	-	-	7	7	M	M	●	●
IS0343E3	0.3	E3	MR3	7	S	6	5	5	-	-	7	6	M	M	●	●
IS0413E3 <b>NEW</b>	0.4	E3	S	7	Rps3a	8	-	5	-	-	8	7	MT	M	●	●
IS0678E3	0.6	E3	MR3	7	Rps3a	7	7	5	-	-	7	6	MS	M	●	●
IS0718E3 <b>NEW</b>	0.7	E3	R3,MR14	7	S	6	-	7	-	-	8	8	M	M	●	●
IS0864E3	0.8	E3	CMR	6	S	7	-	6	-	-	7	7	M	M	-	●
IS1022E3	1.0	E3	R3,MR14	7	S	7	-	6	-	-	8	6	M	MB	-	●
IS1277E3S <b>NEW</b>	1.2	E3/STS	R3,MR14	6	S	6	-	6	8	-	8	6	M	M	●	●
IS1283E3	1.2	E3	MR3,MR14	7	Rps1c	6	7	5	6	-	7	7	M	MB	●	●
IS1350E3 <b>NEW</b>	1.3	E3	R3,MR14	7	Rps1c	7	-	6	7	-	8	8	MT	M	●	●
IS1575E3	1.5	E3	CMR	6	Rps1k	7	-	7	-	-	7	7	MT	M	-	●
IS1647E3 <b>NEW</b>	1.6	E3	R3,MR14	7	Rps3a	8	7	6	7	-	8	7	M	M	●	●
IS1725E3 <b>NEW</b>	1.7	E3	R3,MR14	6	Rps3a	8	-	5	7	-	8	6	MT	M	●	●
IS1761E3	1.7	E3	MR3	6	S	6	-	7	8	5	7	8	M	M	●	●
IS1917E3 <b>NEW</b>	1.9	E3	R3,MR14	7	Rps1c	7	8	7	-	-	8	7	M	M	●	●
IS1929E3	1.9	E3	R3,MR14	6	S	7	-	7	-	-	8	6	M	M	-	●
IS1978E3 <b>NEW</b>	1.9	E3	R3,MR14	7	Rps1k	7	-	6	8	-	8	7	MT	M	●	●
IS2023E3 <b>NEW</b>	2.0	E3	R3,MR14	7	Rps1c,Rps3a	7	8	7	-	-	8	7	M	M	●	●
IS2089E3	2.0	E3	MR3	6	Rps1c,Rps3a	8	-	6	8	6	7	8	M	M	●	●
IS2253E3 <b>NEW</b>	2.2	E3	R3,MR14	6	S	7	8	6	6	-	7	7	MT	M	●	●
IS2421E3S <b>NEW</b>	2.4	E3/STS	R3,MR14	6	Rps1k	7	8	5	6	-	7	6	MT	M	●	●
IS2545E3	2.5	E3	Peking	7	Rps1k	6	-	6	7	6	8	8	M	M	●	●
IS2748E3	2.7	E3	MR3	6	Rps1k	6	-	7	7	7	8	7	M	M	●	●
IS3062E3	3.0	E3	R3,MR14	6	Rps1k	6	7	5	7	6	7	7	M	MB	●	●
IS3135E3 <b>NEW</b>	3.1	E3	R3	7	Rps1k,Rps3a	7	7	6	7	-	8	7	M	MB	●	●
IS3444E3 <b>NEW</b>	3.4	E3	R3,MR14	5	S	7	-	6	7	6	8	7	MT	M	-	●
IS3573E3	3.5	E3	R3,MR14	5	S	7	6	-	7	5	8	8	M	M	●	●
IS3750E3S <b>NEW</b>	3.7	E3/STS	R3,MR14	5	Rps1k	6	8	-	7	6	7	7	MT	M	●	●
IS3994E3	3.9	E3	MR3	6	Rps1a	6	7	-	7	7	8	8	M	MB	●	●
IS4322E3S <b>NEW</b>	4.3	E3/STS	R3,MR14	-	S	6	-	-	6	7	8	8	MT	M	-	●
IS4684E3S	4.6	E3/STS	MR3	4	S	6	6	-	7	6	9	7	MT	M	●	●
IS5085E3S <b>NEW</b>	5.0	E3/STS	R3,MR14	-	S	6	-	-	6	7	7	7	MT	MB	-	●

We are independent and can make decisions we feel are best for our customers based on factors like weed control, cost, agronomics, simplicity, ease-of-use, and risk of drift or volatility.

We believe the Enlist E3® system exemplifies our 3 Pillars of Simplicity, Relationships, and Technology.



#### Disease/Pest Ratings

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

#### Herbicide Tolerance Trait

E3 = Enlist E3\*

E3/STS = Enlist E3\* 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

#### 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.

# FORTIFY™ SOYBEAN SEED TREATMENT

**Fortify**  
Soybean Seed  
Treatment™

Rob-See-Co Fortify Seed Treatment is an all-in-one seed treatment with industry-leading disease and insect protection.

## Offers

- High-rate of Phytophthora and Pythium protection
- Multi-level control of Fusarium, Rhizoctonia, molds and seed decay
- High-rate insecticide and fungicide protection all conveniently blended into one product
- Increased early root development

## Controls

- Fusarium
- Rhizoctonia
- Pythium
- Phytophthora
- Bean Leaf Beetle
- Wireworm
- Seed Corn Maggot

*Galvanize your soybeans with Fortify for more resilient, higher yielding stands.*



# SOYBEAN VARIETIES

SOYBEAN VARIETY BRANDS: Innotech®



RM 0.08

**IS00836E3**



**NEW**

- Very good IDC tolerance and northern movement
- Good SWM tolerance allows for flexible row spacing
- SCN variety with good stress tolerance

RM 0.1

**IS0156E3**



- Consistent yielder with very good standability
- Rps3a gene for Phytophthora resistance
- Medium plant height with a medium bush canopy

RM 0.3

**IS0343E3**



- Combines IDC tolerance with the ability to handle variable yield environments
- SCN variety with flexible placement options
- Medium plant height with good yield potential

RM 0.4

**IS0413E3**



**NEW**

- Excellent Phytophthora field tolerance with added Rps3a resistance
- Strong IDC and stress tolerance
- Very good late season standability

RM 0.6

**IS0678E3**



- SCN variety with exciting top-end yield potential
- Adds Rps3a resistance gene to strong Phytophthora field tolerance
- Good IDC tolerance for flexible placement

RM 0.7

**IS0718E3**



**NEW**

- Fantastic standability with high yield potential
- Very good Phytophthora field tolerance
- Great IDC and SWM tolerance

RM 0.8

**IS0864E3**



- Medium plant height with very good standability
- SCN variety with outstanding yield potential
- Very good Phytophthora Field Rating

RM 1.0

**IS1022E3**



- SCN variety with very good IDC tolerance
- Strong Phytophthora field tolerance
- Medium bush variety with medium plant height

RM 1.2

**IS1277E3S**



**NEW**

- Excellent SDS tolerance with SCN resistance
- Great yield potential with excellent stress tolerance
- Strong early season emergence

RM 1.2

### IS1283E3



- Very good performance in both high and variable yield environments
- SCN variety with Rps1c gene for Phytophthora resistance
- Very good IDC tolerance

RM 1.3

### IS1350E3



NEW

- Excellent performance in both low and high yield environments
- High stress tolerance combines with great IDC resistance
- Strong SDS tolerance

RM 1.5

### IS1575E3



- Exciting agronomics with very good standability
- Combines very good SWM tolerance with high yield potential
- SCN variety with Rps1k gene for Phytophthora resistance

RM 1.6

### IS1647E3



NEW

- Excellent Phytophthora field tolerance with added Rps3a resistance
- Great SDS tolerance combined with SCN resistance
- High yield potential with strong agronomic defense package

RM 1.7

### IS1725E3



NEW

- Rps3a Phytophthora resistance combined with excellent field tolerance
- Very good SDS tolerance
- Medium plant height with good yield potential

RM 1.7

### IS1761E3



- Excellent SDS tolerance combined with very good SWM tolerance
- Outstanding standability combined with very good yield potential
- Widely adapted for flexible placement

RM 1.9

### IS1917E3



NEW

- Strong emerging variety with very good standability
- Great IDC tolerance with very good SDS tolerance
- Medium plant height with great standability

RM 1.9

### IS1929E3



- Very good SWM tolerance
- Attractive early emergence
- SCN variety with great yield potential

RM 1.9

### IS1978E3



NEW

- Great agronomics with outstanding yield punch
- Outstanding emergence and standability
- Solid IDC, SDS, and BSR tolerances

# SOYBEAN VARIETIES

SOYBEAN VARIETY BRANDS: Innotech®



RM 2.0

**IS2023E3**



**NEW**

- Very good standability with above average emergence
- Stacked Rps1c,Rps3a genes for added Phytophthora tolerance
- Strong IDC tolerance

RM 2.0

**IS2089E3**



- Excellent SDS tolerance
- Rps1c, Rps3a stacked Phytophthora resistance
- Excels in narrow or wide row configurations

RM 2.2

**IS2253E3**



**NEW**

- Great emergence coupled with very good standability
- Versatile variety with outstanding yield potential
- Medium-tall plant with a medium bush canopy

RM 2.4

**IS2421E3S**



**NEW**

- Excellent yield potential
- Rps1k gene coupled with a strong disease package
- Enlist E3 STS variety

RM 2.5

**IS2545E3**



- Hard working, agronomically sound variety
- Peking source SCN resistance
- Tremendous yield potential in high yield environments

RM 2.7

**IS2748E3**



- Reliable variety with great top-end yield potential
- Very good SDS tolerance
- Attractive variety from emergence through harvest

RM 3.0

**IS3062E3**



- Strong emerging variety with very good standability
- Medium-bush canopy that works in both narrow and wide rows
- Very strong SDS and BSR tolerance

RM 3.1

**IS3135E3**



**NEW**

- Stacked Rps1c,Rps3a genes for added Phytophthora tolerance
- Strong SDS tolerance with great emergence and standability
- Medium plant height with a medium bush canopy

RM 3.4

**IS3444E3**



**NEW**

- Medium-tall plant type with excellent standability
- Attractive variety with excellent yield potential
- Outstanding yield punch with solid agronomics

RM 3.5

### IS3573E3



- Versatile bean for any acre
- Great top-end yield potential combined with outstanding standability
- Very good SDS tolerance

RM 3.7

### IS3750E3S



NEW

- Enlist E3 STS variety with excellent SDS tolerance
- Strong emergence and standability
- SCN variety with Rps1k gene for Phytophthora resistance

RM 3.9

### IS3994E3



- Versatile variety with outstanding standability
- Well adapted for all row widths
- Very good SDS tolerance

RM 4.3

### IS4322E3S



NEW

- Great agronomics with outstanding yield punch
- Enlist E3 STS variety with great Frogeye leaf spot tolerance
- Medium-tall plant type with excellent emergence and standability

RM 4.6

### IS4684E3S



- Enlist E3 STS salt excluder variety
- Excellent variety for variable environments
- Tremendous emergence combined with very good standability

RM 5.0

### IS5085E3S



NEW

- Enlist E3 STS salt excluder variety
- Medium-tall plant type with very good emergence and standability
- Solid agronomics with a great yield punch



# ALFALFA VARIETIES

ALFALFA VARIETY BRANDS: W-L Alfalfas



## Yield and Quality – Cut After Cut

For increased yields and improved forage quality, it's got to be W-L Alfalfas from Rob-See-Co. Built on a strong foundation of genetic research and trait development, these alfalfas deliver the qualities you want most – outstanding agronomics and the flexibility of conventional, Roundup Ready® and HarvXtra® Alfalfa with Roundup Ready technology options. So, you have the choices you need to deliver the qualities your operation demands, including:



### HarvXtra® with RoundUp Ready® Technology

This powerful combination outperforms competitive varieties with a vastly expanded cutting schedule, improved forage quality, enhanced digestibility and overall feed value.




### Gold Treatment® Plus

Add this premium seed enhancement for improved seedling vigor, faster stand establishment and greater seeding-year profitability.

### Growth Boosters

These include Optimize® Gold Plus, Nitragin® Gold pre-inoculant micronutrients and Apron XL® fungicide to maximize plant-to-seed ratio and ongoing returns – year after year.

BRAND	PLANT AND AGRONOMIC CHARACTERISTICS									DISEASE AND PEST CHARACTERISTICS														
	Fall Dormancy	Winterhardiness	Feed Value	Persistence Index	Recovery After Harvest	Stability	Traffic Tolerance	Multileaf Expression	Bacterial Wilt	Fusarium Wilt	Verticillium Wilt	Anthraco Race 1	Anthraco 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
 WL 319HQ	2.8	1.3	Superior	VH	VF	E	VG	VH	HR	HR	HR	HR	-	HR	HR	-	-	R	HR	MR	-	R	30/30	-
WL 336HQ.RR	3.2	1.0	Superior	VH	VF	E	VG	H	HR	HR	HR	HR	-	HR	HR	R	-	R	HR	MR	-	R	34/35	G
WL 356HQ.RR	3.8	1.6	Superior	VH	VF	E	VG	VH	HR	HR	HR	HR	-	HR	HR	HR	-	MR	R	HR	-	R	35/35	G
WL 354HQ	3.9	1.4	Superior	VH	VF	E	VG	VH	HR	HR	HR	HR	-	HR	HR	HR	-	HR	HR	R	-	HR	35/35	G
WL 359LH.RR	3.9	2.2	Superior	VH	VF	E	VG	-	HR	HR	HR	HR	-	HR	HR	R	-	R	R	-	-	R	34/35	-
WL 358LH	4.1	2.0	Superior	VH	VF	E	VG	-	HR	HR	HR	HR	-	HR	HR	R	-	MR	HR	-	-	R	34/35	-
WL 3471.HVXRR <b>NEW</b>	4.3	1.9	HarvXtra®	VH	VF	E	VG	VH	HR	HR	HR	HR	R	HR	HR	HR	HR	R	R	R	-	-	39/40	-
WL 349HQ	4.4	1.7	Superior	VH	VF	E	VG	-	HR	HR	HR	HR	HR	HR	HR	HR	HR	MR	HR	R	R	-	40/40	-
WL 365HQ	4.9	1.1	Superior	VH	VF	E	VG	-	HR	HR	HR	HR	-	HR	HR	R	-	HR	HR	R	-	-	34/35	G

#### Plant and Agronomic Characteristics

E = Excellent  
G = Good  
H = High  
VH = Very High  
VF = Very Fast  
VG = Very Good  
- = Rating not available

#### Fall Dormancy

1 = Highly Dormant  
9 = Less Dormant

#### Winterhardiness

1 = Very Hardy  
9 = Less Hardy

#### Disease and Pest Ratings (percent of plants resistant)

HR = High Resistance (>50%)  
R = Resistance (31-50%)  
MR = Moderate Resistance (15-30%)  
LR = Low Resistance (6-14%)  
S = Susceptible (0-5%)  
- = Rating not available

#### Disease Rating Index

HR = 5  
R = 4  
MR = 3  
LR = 2  
S = 1  
- = Rating not available

DRI = Sum of the 6 major diseases with a total possible score of 30, sum of 7 major diseases with a total possible score of 35 (adds Aphanomyces Race 2), or sum of 9 major diseases with a total possible of 45 (adds Aphanomyces Race 3 and Anthracnose Race 5).



FD 2.8

### WL 319HQ

- Dark green, fine stemmed, and highly digestible
- Fast recovery, along with outstanding winter hardiness
- Very high yield potential under both 3- and 4-cut management
- Combines high yield potential with high feed quality

### WL 336HQ.RR



FD 3.2

- Quick regrowth for high yield potential
- Superior cold tolerance for long stand life
- Superb yield potential under a 2-, 3- or 4-cut harvest schedule
- Holds forage quality well when harvest is delayed

### WL 356HQ.RR



FD 3.8

- Very high yield potential under 3- to 5-cut harvest management
- Unique wet soil disease resistance package for long stand life
- Perfect Disease Resistance Index score of 35/35
- Combines very fast recovery with very good traffic tolerance

### WL 354HQ

FD 3.9

- Perfect Disease Resistance Index for protection on tough fields
- Consistent high yield potential across a wide range of soil types
- Very winterhardy for long stand life in tough conditions
- Adapts well to a 3-, 4- or 5-cut harvest schedule

### WL 359LH.RR



FD 3.9

- Enhanced yield and quality potential
- Industry leading eighth-generation potato leafhopper resistance
- Produces a dark green, highly palatable forage
- Delivers solid winter survival, even under harsh winter conditions

### WL 358LH



FD 4.1

- Superb yield potential with or without leafhopper pressure
- Industry leading eighth-generation potato leafhopper resistance
- Superior cold tolerance, even under harsh weather conditions
- Adapts well to a 3-, 4- or 5-cut harvest schedule

### WL 3471.HVXRR



NEW

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

### WL 349HQ

FD 4.4

- Disease Resistance Index of 40/40 including Aphanomyces Race 3
- Great standability for intensive management systems
- Dark green, fine-stemmed, and a highly palatable HQ
- Superb winterhardiness which delivers excellent cold tolerance and persistence

### WL 365HQ

FD 4.9

- Highest-yielding winterhardy HQ variety released to date
- Superior cold tolerance and solid disease resistance for long stand life
- Outstanding standability and quick regrowth after cutting
- Great performance in a 4- to 6-cut harvest management system

# SORGHUM HYBRIDS

SORGHUM HYBRID BRANDS: Rob-See-Co



## Sorghum Hybrids that focus on yield

Whether for grain or forage, Rob-See-Co offers growers a great line-up of high-yielding sorghum hybrids. That means delivering genetics with key agronomic characteristics designed specifically for your unique growing conditions – like superb Sugarcane Aphid tolerance, root strength, standability, uniformity, harvestability, and great drought tolerance. Above all, these sorghum hybrids from Rob-See-Co produce exceptional yields that allow you to take advantage of market demand. Ask your Rob-See-Co Representative about seed treatment options.

**Rob-See-Co Grain Sorghum is offered with the seed treatment options of:**

- Silver Treatment = Fungicide + Seed Safener
- Gold Treatment = Fungicide + Insecticide + Seed Safener

## GRAIN SORGHUM

BRAND	PRODUCT INFORMATION				PLANT AND AGRONOMIC CHARACTERISTICS										DISEASE & PEST CHARACTERISTICS				
	Relative Maturity	Days to Midbloom	Grain Color	Head Type	Approximate Seeds/lb	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	MDMV	Sugarcane Aphid Tolerance
GS5423	Early	53-55	Bronze	Semi-Open	13k-15k	MS	C	6	7	7	6	6	7	6	6	4	6	-	-
GS6036 <b>NEW</b>	Early	59-61	Bronze	Intermediate	13k-15k	M	-	8	6	4	7	6	7	8	-	4	3	-	-
GS6166W	Med - Early	60-62	Cream	Semi-Compact	17k-18k	MT	C	8	8	5	8	6	7	8	7	4	6	-	HT
GS6255	Med - Early	61-63	Bronze	Intermediate	14k-16k	M	-	-	9	5	8	8	7	7	-	4	7	-	HT
GS6446	Med - Early	63-65	Bronze	Semi-Open	12k-14k	M	None	8	8	6	8	7	8	7	-	-	-	-	HT
GS6517	Medium	64-66	Bronze	Very Compact	14k-16k	M	-	-	8	6	8	6	7	7	-	4	7	-	HT
GS6884 <b>NEW</b>	Medium	67-69	Bronze	Compact	13k-15k	M	-	6	7	7	8	8	7	7	-	4	3	-	HT
GS7045 <b>NEW</b>	Medium	69-71	Red	Very Compact	13k-15k	M	-	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**  
9 = Best; 1 = Worst; - = Not Available; C = Greenbug Resistance Biotype C; None = Non-resistant Biotype; - = Not Available

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

**Disease/Pest Characteristics**  
9 = Best; 1 = Worst; - = Not Available

**Sugarcane Aphid Tolerance**  
HT = Highly Tolerant

RM Early

### GS5423

- Excellent yield potential for maturity
- Very good choice for the double-crop acre
- Great drought tolerance

NEW

RM Early

### GS6036

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

RM Med-Early

### GS6166W

- Exceptional drought tolerance
- Strong yield potential in a very uniform plant
- Very good root strength with good harvestability

RM Med-Early

### GS6255

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

RM Med-Early

### GS6446

- Strong Sugarcane Aphid tolerance
- Great standability and yield potential
- Widely adapted with great drought stress tolerance

RM Medium

### GS6517

- Strong top-end yield performance
- Medium plant height with excellent root and stalk strength
- Sugarcane Aphid tolerance and great disease package

RM Medium

### GS6884

NEW

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

RM Medium

### GS7045

NEW

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

RM Med-Full

### 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



**Rob-See-Co Forage Sorghum is offered with the seed treatment options of:**

- Bronze Treatment = Fungicide
- Silver Treatment = Fungicide + Seed Safener

## FORAGE SORGHUM

BRAND	PRODUCT INFORMATION		PLANT CHARACTERISTICS			FORAGE & AGRONOMIC CHARACTERISTICS								DISEASE CHARACTERISTICS		PRODUCT FIT													
	Relative Maturity	Days to Soft Dough Stage	BMR	Approximate Seeds/lb	Plant Height	Yield for Maturity	Forage Quality Potential	Palatability	Digestibility	Seeding Vigor	Recovery After Cutting	Plant Uniformity	Standability	Drought Tolerance	Downy Mildew	Anthracoese	Silage	Dry Hay	Continuous Grazing	Rotational Grazing	Tough Dryland	High Yield Dryland	Limited Irrigation	Full Irrigation	High pH Soils	No-Till	Poorly Drained Soils	Anthracoese Prone Areas	Fusarium Prone Areas
FS240	Medium	100	No	14k-16k	MS	8	7	6	7	7	5	8	7	8	6	6	8	3	DNG	DNG	●	●	●	●	●	●	⊗	●	●
FS890	Med - Early	90-95	Yes	13k-15k	MS	7	8	8	8	7	6	8	6	8	7	7	8	8	-	-	●	●	●	●	●	●	●	●	●

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

**Forage & Agronomic Characteristics**  
9 = Best; 1 = Worst; - = Not Available

**Disease Characteristics**  
9 = Best; 1 = Worst; - = Not Available

**Grazing**  
DNG = Do Not Graze

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

RM Medium

### FS240

- Very good nutritional quality for standard midrib
- Excellent drought and heat tolerance
- Produces a white grain head with great grain yields

**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**

- FS240 is usually best harvested around 100 days after emergence
- Harvest at soft dough stage for best yield and nutrition

RM Med-Early

### FS890

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

**Seeding**

- 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**

- FS890 is usually 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.

# INNOTECH® ADVANTAGE

## Performance *exclusively* from Rob-See-Co.

Independence is what allows Rob-See-Co to research and source products that best address the needs and challenges of our growers. With the Innotech® Advantage, we combine innovation and technology to deliver corn and soybean products along with the performance data to make you successful.

### What's the advantage to you?

- **More diverse germplasm** – with multiple distinct germplasm sources that can be combined with high-performing traits
- **Better characterization, sooner** – ensuring better product placement and delivering improved product performance
- **Consistent performance** – resulting from greater trial density in grower environments like yours
- **Improved planting confidence** – with the support of our on-the-ground team of Business Associates and Direct Sales Representatives for data-driven decision making

### More trials in more places.

Before you try it in your field, you want to know it will perform the way you need it to. Innotech® from Rob-See-Co is trialed in more plots, under more conditions. That means more precise placement and more consistent performance and yield.

*Germplasm, traits, and trialing all add up to the best advantage of all – profitability.*



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## CUSTOMER CARE REPRESENTATIVES

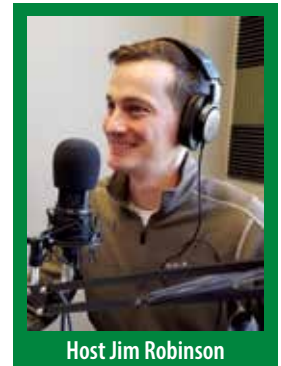


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## MORE WAYS TO CONNECT



Host Jim Robinson

### Kids in Photos and Photo Location

Front Cover: Willa and Edie – Waterloo, NE

Page 1: Brenton – Hornick, IA

Page 2: Peyton and Camden – Hull, IA

Page 8: Owen – Andrew, IA

Page 10: Cooper – Fort Morgan, CO

Page 12: Paxton and Carter – North Bend, NE

Page 14: Edie – Waterloo, NE

Page 15: Owen and Lane – Maquoketa, IA

Page 18: Cora and Maisy – Palmer, NE

Page 20: Greta and Hazel – Owatonna, MN

**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.**

**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.**

**Avicta Complete Corn 250 is a Restricted Use Pesticide.** For use by certified applicators only. Growers planting Avicta treated seed are not required to be certified applicators. Avicta technology is protected by U.S. Patent No. 6,875,727.

CruiserMaxx Corn is an on-seed application of Cruiser 5FS insecticide delivered at the 0.25, 0.50 or 1.25 mg ai/seed rate and Maxim Quattro fungicide.



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Seed products with the LibertyLink<sup>®</sup> (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<sup>®</sup> herbicide for optimum yield and excellent weed control. Liberty<sup>®</sup>, LibertyLink<sup>®</sup>, and the Water Droplet logo are registered trademarks of BASF.



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 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.

In the following states, purchase and use of HarvXtra<sup>®</sup> Alfalfa with Roundup Ready<sup>®</sup> 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<sup>®</sup> Alfalfa with Roundup Ready<sup>®</sup> 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<sup>®</sup> (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<sup>®</sup> Alfalfa with Roundup Ready<sup>®</sup> Technology and Roundup Ready<sup>®</sup> Alfalfa have pending import approvals. GROWERS MUST DIRECT ANY PRODUCT PRODUCED FROM HARVXTRA<sup>®</sup> ALFALFA WITH ROUNDUP READY<sup>®</sup> 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<sup>®</sup> is a registered trademark of Biotechnology Industry Organization.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready<sup>®</sup> crops contain genes that confer tolerance to glyphosate. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Roundup Ready<sup>®</sup> is registered trademarks of Bayer Group, used under license by Forage Genetics International, LLC. HarvXtra<sup>®</sup> and W-L Alfalfas are registered trademarks of Forage Genetics International, LLC. HarvXtra<sup>®</sup> Alfalfa with Roundup Ready<sup>®</sup> Technology is enabled with Technology from The Samuel Roberts Noble Foundation, Inc.



**Important: Under federal and local laws, only 2,4-D choline formulations with Colex-D<sup>®</sup> Technology are approved for use with Enlist E3<sup>®</sup> soybeans. See product labels for details and tank mix partners.**

ENLIST E3<sup>®</sup> soybean technology is jointly developed with Dow AgroScience LLC and MS Technologies LLC. The ENLIST trait and ENLIST Weed Control System are technologies owned and developed by Dow Agrosciences LLC. ENLIST<sup>®</sup> and ENLIST E3<sup>®</sup> are trademarks of Dow AgroSciences LLC. The trademarks or service marks displayed or otherwise used herein are the property of a Syngenta Group Company. All other trademarks are the property of their respective owners.

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