



**LEGACY**  
*Seeds*

**2023 SEED GUIDE**  
**FORAGE**

# LEGACY SEEDS' VETERAN ALFALFA BREEDER PREPARES NEW LEADER TO CONTINUE RELIABLE RESULTS

Since Legacy Seeds first started in 2000, Dave Huset has been at the helm of the alfalfa breeding program.

Over his tenure, he's built a reputation for breeding high-quality, high-yielding, persistent alfalfa varieties. Notably, the **Highly Digestible HD® line, and StandLife Genetics® germplasm that expresses excellent resistance to multiple strains of aphanomyces root rot.\***

And his impact has not gone unnoticed. In 2018, he received Honorary Membership with the North American Alfalfa Improvement conference for his outstanding contributions to improving alfalfa genetics.

Now Dave is getting ready to hand the baton off to Legacy Seeds' next leader in alfalfa breeding, Olivia Steinmetz.

## Lab Background Helps Solve Real World Problems

Olivia joined Legacy Seeds part-time in April 2018. At that time, she was working on her thesis for

her master's in plant breeding and genetics at the University of Wisconsin-Madison.

Olivia was attracted to Legacy Seeds for several reasons. She liked its small size and the fact that she could know key personnel like the president and head research director.

"I could work closely with these people and know that my impact would be felt," she says. "We all wear a few different hats, and that is really exciting."

She also admired the company's ability to prove its claims.

"I respect letting your work speak for itself," she says. "Putting in all of that behind-the-scenes work, year after year. Dave's really good at doing exactly what needs to be done and letting the results speak for themselves."

Finally, with the addition of **Legacy Seeds' Research & Learning Center**, it provided Olivia the opportunity to do field research while continuing the lab and greenhouse work she was familiar with.

*Olivia and Dave at the Research and Learning Center*



After graduating in January 2020, she joined the company full-time.

“I have the combination of my schooling and the theory of plant breeding. And now for the last 2 years, I’ve been able to apply that with Dave and have this conversation of how we apply the theories and how we can do what he’s been doing so successfully for 40 years, as well as what sort of things can we integrate and maybe change in specific ways.”

## New Leadership, Same Trusted Breeding Process

With a high recommendation from her UW-Madison professor, the plan has always been for Olivia to take over Legacy Seed’s alfalfa breeding program.

“This has been a very thoughtful, intentional and thorough process,” Olivia says. “It’s been really nice to have the opportunity to have these ongoing conversations and make sure all of my questions are addressed. Really learning and witnessing Dave’s process, not just for a week or month at a time, but for years.”

Dave built the program using conventional breeding technology, which Olivia has no plans on changing. Instead, she wants to look for opportunities to improve alfalfa’s sustainability and disease resistance.

Dave ensures growers the program will always be focused on delivering reliable results.

“Adding more disease resistance, more insect resistance, nematode resistance—things like that are wonderful and that’s going to help us down the road,” he says. “But we are always going to be focused on high forage quality, high yield, and persistence going forward.”

## Steady Growth for a Strong Future

With Olivia stepping into the leadership role, she says the alfalfa breeding program will continue to grow. But the core of the program will stay the same.

“It’s a very intentional growth,” she says. “We’re going to add more people to the breeding team. We’re going to have more research plots across the state. We’re going to do more, but we’re not going to do everything differently. We’re just doing more of the same and growing in a sustainable, steady way.”



Dave describes Olivia as bright and quick to pick up on things, so he has full trust in her abilities to continue the alfalfa breeding so many farmers have grown to rely on.

“We’re in really good hands with Olivia taking over,” he says. “She understands things very well and I expect great things.”

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# RESEARCH & LEARNING CENTER

When we decided we needed a home base for our alfalfa breeding team, we did not want to create just another research site.

Instead, we envisioned a place where research could be conducted for all our crops while also giving farmers a behind-the-scenes look into what goes into a Legacy Seed variety.

So, in 2018, we opened the **Research and Learning Center (RLC)** in Waupaca, Wisconsin. Surrounded by twenty-five acres of research plots, the 7,000-square-foot RLC contains two greenhouses, a lab and, a shop area. This facility holds our alfalfa breeding team and area agronomist.



## Solving Farmer Problems Through Research

One of his primary roles at the RLC is conducting test plots for corn and soybeans. The site has a nice, uniform soil type, and our Agronomist handles all the variables, such as planting and spraying. This level of consistency and control ensures he is collecting valuable data from the corn hybrids and soybean varieties tested.



*Research and Learning Center (RLC)*



## L-457HD+

### Highly Digestible with APH2 Resistance

- » Highest yielding HD® variety
- » Maintains outstanding forage quality even in delayed harvest
- » Outstanding protein/acre capabilities
- » Strong disease resistance including Aphanomyces Race 2
- » FD 4.3, WSI 1.8, DRI 34/35



## L-470HD

### Persistence and Quality

- » HD® variety with strongest winter survival
- » Outstanding forage yield in aggressive harvestability
- » Very fast recovery after harvest
- » Moderate resistance to Aphanomyces Race 2
- » FD 4.7, WSI 1.0, DRI 33/35



## L-451APH2+

### High Aphanomyces Resistance - Race 1, 2, & 3

- » Delivers top forage yields on tough soils
- » Branch rooted alfalfa
- » Strong disease resistance including HR to APH2 and R to APH3
- » Strong winter survival and persistence
- » FD 4.5, WSI 1.9, DRI 35/35



## L-442RR

### Roundup Ready® Alfalfa with HR to APH2 - New!

- » Roundup Ready® variety with improved yield and forage quality
- » HR to Aphanomyces Race 2
- » Stem Nematode resistant
- » Great weed control option
- » FD 4.4, WSI 1.3, DRI 35/35

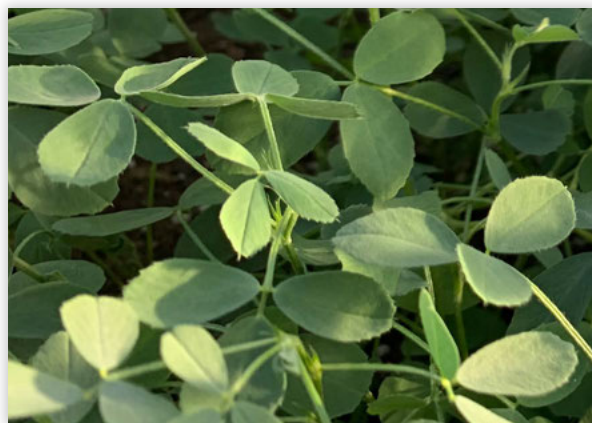


NEW!

## L-450RR

### Roundup Ready® Alfalfa

- » Roundup Ready® variety for longer season harvest
- » Improved yield and forage quality
- » Stem Nematode resistant
- » Exceptional disease resistance
- » FD 5.0, WSI 1.4, DRI 30/30



## ALFALFA AGRONOMIC CHOICE CHART

### HIGHEST OVER-ALL YIELD

L-451APH2+, L-457HD+, L-470HD

### HEAVY APH2 SOILS

L-451APH2+, L-457HD+, L-470HD

### HIGHEST MILK/ACRE

L-457HD+, L-470HD, L-451APH2+

### ROUNDUP READY®

L-442RR, L-450RR



National Alfalfa and Forages Alliance

Legacy Seeds® participates in the National Alfalfa and Forage Alliance “check-off” program



NEW	BRAND	FEATURE	FALL DORMANCY	WINTERHARDINESS (WSI)	DISEASE RATING INDEX (DRI)	ROOT TYPE	YIELD ABILITY	FORAGE QUALITY	RECOVERY AFTER HARVEST	BACTERIAL WILT	FUSARIUM WILT	ANTHRACNOSE	PHYTOPHTHORA ROOT ROT	APHANOMYCES ROOT ROT (RACE 1)	APHANOMYCES ROOT ROT (RACE 2)	VERTICILLIUM ROOT ROT	APHIDS	STEM NEMATODES	POTATO LEAFHOPPER	SALT TOLERANCE	MODERATELY WET SOILS	WELL DRAINED SOILS	THREE CUT SYSTEM	FOUR PLUS CUT SYSTEM	GRAZING/WHEEL TRAFFIC TOLERANCE
	L-457HD+	HD®*/APH2**	4.3	1.8	34/35	Branch	1	1	2	HR	HR	HR	HR	HR	R	HR	R	MR	S	NR	2	1	3	1	4
	L-470HD	HD® with top persistence	4.7	1.0	33/35	Tap	1	1	1	HR	HR	HR	HR	HR	MR	HR	R	R	S	NR	2	1	3	1	4
	L-451APH2+	APH2/APH3**	4.5	1.9	35/35	Branch	1	3	3	HR	HR	HR	HR	HR	HR	HR	R	HR	S	NR	1	1	2	1	2
NEW	L-442RR	FD4/APH2	4.4	1.3	35/35	Tap	2	w3	3	HR	HR	HR	HR	HR	HR	HR	R	R	S	NR	2	1	2	2	4
	L-450RR	FD5	5.0	1.4	30/30	Tap	2	3	3	HR	HR	HR	HR	HR	NR	HR	HR	R	S	NR	3	1	2	1	4
	Regent S	Saline Soil Tolerance	4.0	1.8	30/30	Tap	3	4	4	HR	HR	HR	HR	HR	NR	HR	R	NR	S	Tolerant	3	1	2	2	4
	L-602	FD6/APH2**	6.0	2.0	34/35	Tap	1	2	4	HR	HR	HR	HR	HR	R	HR	R	R	S	Tolerant	2	1	5	1	4
	Hoppertot Max	Potato Leaf Hopper	4.0	1.9	30/30	Tap	4	3	4	HR	HR	HR	HR	HR	NR	R	HR	MR	HR	NR	3	1	2	2	4
	L-310	Premium Economy	3.5	2.2	27/30	Tap	4	4	4	HR	HR	R	HR	R	S	R	R	NR	S	NR	4	1	2	2	4
	L-210	Economy	3.0	2.2	21/30	Tap	5	6	6	R	R	R	HR	R	S	R	NR	NR	S	NR	5	1	1	3	4

**RATING KEY**

\*: Highly Digestible | \*\*: StandLife Genetics®

Recovery after Harvest Ratings: 1 = Very Fast | 2-3 = Fast | 4-5 = Average | 6-7 = Slow | 8-9 = Very Slow

Disease Ratings: HR = Highly Resistant | R = Resistant | MR = Moderately Resistant | LR = Low Resistance | S = Susceptible | NR = Not Rated












Performance Ratings: 1-2 = Excellent | 3 = Very Good | 4-5 = Average | 6-7 = Fair | 8-9 = Poor



HD® and StandLife Genetics® are Registered Trademarks of Legacy Seeds LLC.

The **Roundup Ready® Alfalfa** system provides the opportunity to deliver unsurpassed weed control with superior crop safety, allowing you to grow more, higher-quality alfalfa. With the broadest application timing window plus excellent crop safety, Roundup Ready Alfalfa requires minimal waiting — only 5 days before grazing or harvest. Roundup Ready Alfalfa can deliver a higher percentage of pure alfalfa in hay and haylage than competitors, along with improved quality, and has low ADF (acid detergent fiber), low NDF (neutral detergent fiber) and high RFV (relative feed value).

## CORN TRAIT KEY

 Agrisure <sup>®</sup> GT	<b>GT</b> Agrisure <sup>®</sup> GT
 Agrisure 3010 LIBERTY LINK	<b>3010</b> Agrisure <sup>®</sup> 3010
 Agrisure Viptera LIBERTY LINK	<b>3110</b> Agrisure Viptera <sup>®</sup> 3110
 Agrisure Above	<b>AA</b> Agrisure <sup>®</sup> Above E-Z Refuge <sup>®</sup>
 Viptera	<b>V</b> Viptera <sup>™</sup> E-Z Refuge <sup>®</sup>
 Viptera z3	<b>VZ</b> Viptera <sup>™</sup> z3 E-Z Refuge <sup>®</sup>
 Duracade	<b>D</b> Duracade <sup>™</sup> E-Z Refuge <sup>®</sup>
 Duracade Viptera	<b>DV</b> DuracadeViptera <sup>™</sup> E-Z Refuge <sup>®</sup>
 DroughtGard <sup>®</sup> HYBRIDS VT Double PRO <sup>®</sup> RIB COMPLETE	<b>DGVT2P RIB</b> DroughtGard <sup>®</sup> Hybrids with VT Double PRO <sup>®</sup> RIB Complete <sup>®</sup> Corn Blend
 POWERCORE Enlist	<b>PWE</b> PowerCore <sup>®</sup> Enlist <sup>®</sup> Corn
 Roundup Ready <sup>2</sup> CORN	<b>RR2</b> Roundup Ready <sup>®</sup> Corn 2
 SmartStax <sup>®</sup> RIB COMPLETE	<b>SSX RIB</b> SmartStax <sup>®</sup> RIB Complete <sup>®</sup> Corn Blend
 Trecepta <sup>®</sup> RIB COMPLETE	<b>TRECEPTA RIB</b> Trecepta <sup>®</sup> RIB Complete <sup>®</sup> Corn Blend <sup>†</sup>
 VT Double PRO <sup>®</sup> RIB COMPLETE	<b>VT2P RIB</b> VT Double PRO <sup>®</sup> RIBComplete <sup>®</sup> Corn Blend

### LC354-20 80 SILAGE RM

**OPTIONS: CONV, GT, 3110**

- » Big, beefy, flex acre hybrid with wide, dark green leaves
- » High yields especially following rotated acres on well drained soils
- » Good late season staygreen and intactness for a longer silage harvest window
- » Flowers early for good north of zone movement



At Legacy Seeds, we believe in offering choices to corn silage producers to meet the needs of their dairy or livestock operation. Our **RATION CHOICE<sup>®</sup> HYBRID** (RCH) system allows you, as the producer, to choose which silage system works best for your farm, from high-yielding and high-forage-quality Flexible Acre varieties to high-yielding Leafy silage varieties.

**FLEXIBLE ACRE HYBRIDS (FA)**

**Flexible Acre (FA)** corn silage varieties offer many benefits to the corn silage producer. If you have the need to have more flexibility at harvest time, Flexible Acre varieties can be the right choice. Flexible Acre hybrids that have been tested for forage yield and digestibility, starch content and starch digestibility. Flex Acre hybrids work best in a 50:50 corn silage/alfalfa rations and where alfalfa is greater than 60% of the forage diet for dairy cattle.

**LEAFY SILAGE HYBRIDS (LFY)**

Using **Legacy Brand Leafy Hybrids (LFY)**, you get exceptional tonnage per acre at a reduced planting rate than typical flexible acre or BMR hybrids. Leafy hybrids are bred specifically for corn silage and high-moisture shelled corn production. Leafy hybrids consistently have high stalk and leaf digestibility, along with improved starch digestion due to the use of more **floury starch** types and softer kernel textures. There are many benefits to using leafy hybrids, such as: **improved dry matter intake, ration flexibility, improved herd health, higher forage yields per acre with less seed cost per acre, and superior fiber and starch digestibility.** Leafy varieties can be best utilized in dairy rations where corn silage makes up greater than **60% of the forage diet or in an alfalfa diet where RFQ levels are greater than 160%.**

### LC351-20 80 SILAGE RM

**OPTIONS: VT2P RIB**

- » Early flex acre hybrid with stable performance over a wide area
- » High starch content variety with good starch digestibility
- » Performs well in all yield environments
- » Good east to west movement across the northern corn belt



SILAGE

### LC-2847 82 SILAGE RM

**OPTIONS: VT2P RIB**

- » Consistent hybrid across multiple yield environments and soil types
- » Softer kernel texture for good starch digestibility
- » Solid tonnage and silage quality
- » Slower drydown for a longer harvest window





**LC391-21**

84 SILAGE RM

**OPTIONS: VT2P RIB**

- » High starch content hybrid with very good starch digestibility
- » Flex acre hybrid with top of test performance for grain or silage
- » Good ear flex for variable rate planting
- » Will position in all yield environments



**LC-3017**

85 SILAGE RM

**OPTIONS: CONV, RR2, VT2P RIB**

- » Good milk per ton and milk per acre ratings
- » Yield consistency over a wide geography is a strength
- » Very good fiber digestibility
- » Excellent choice for acre flexibility



**LC-3048**

85 SILAGE RM

**OPTIONS: VT2P RIB, SSX RIB**

- » High grain content for silage along with very good starch digestibility
- » Tonnage comes from high grain yields
- » Performs extremely well in variable to high yield environments
- » High milk per ton ratings



**LC413-20**

86 SILAGE RM

**OPTIONS: CONV, V**

- » Big and beefy hybrid that brings a lot of yield
- » Will have very good starch content and digestibility
- » Wide range of adaptability to soils and performance environments
- » Strong indications of very good fiber digestibility



**LC431-20**

88 SILAGE RM

**OPTIONS: CONV, RR2, VT2P RIB, SSX RIB**

- » Combines very good fiber and starch digestibility together
- » Very strong tonnage and milk per acre
- » Will handle stress acres to high yield environments
- » Above average protein contents



**LC441-20**

89 SILAGE RM

**OPTIONS: VT2P RIB**

- » Very good milk per acre hybrid
- » Higher protein content hybrid with good fiber digestibility
- » Medium kernel type for faster starch digestion
- » Good acre adaptability. Best suited for central and eastern corn belt



**LC451-21**

90 SILAGE RM

**OPTIONS: VT2P RIB, SSX RIB**

- » Taller profile hybrid with very good overall plant yields
- » Very good whole plant digestibility
- » Good starch content and starch digestibility
- » Early flowering flexible acre hybrid for good northern movement



**LC-3517**

90 SILAGE RM

**OPTIONS: CONV, RR2, VT2P RIB**

- » High starch content hybrid with very good starch digestibility
- » A must plant hybrid that brings the tonnage
- » Flexible acre hybrid that will move east to west and north to south
- » Works in all yield environments and soil types



**LC461-21**

91 SILAGE RM

**OPTIONS: DGVT2P RIB**

- » Excellent total yield and silage quality
- » High starch content variety with good starch digestibility
- » Flowers early for good north of zone movement
- » Handles stress environments very well

**LC464-21**

91 SILAGE RM

**OPTIONS: AA**

- » Tall, impressive plant structure with a lot of eye appeal as a flex acre hybrid
- » Strong silage quantity and quality characteristics
- » Impressive, flex style ears with large, deep kernels
- » Very good late season intactness and staygreen

**LC474-20**

92 SILAGE RM

**OPTIONS: TRECEPTA RIB**

- » Robust plant type with top-notch silage yield and quality ratings
- » Later flowering hybrid that dries fast for grain or silage
- » Large, girthy, flex ears that adapts to a wide range of populations
- » Widely adapted hybrid from east to west

**LC484-20**

93 SILAGE RM

**OPTIONS: VT2P RIB, SSX RIB**

- » Workhorse type hybrid that brings consistent silage performance
- » Taller plant profile with a lot of leaf mass
- » Flexing ear type with softer kernels for good digestibility
- » Very good east to west movement in the corn belt

**LC493-21**

94 SILAGE RM

**OPTIONS: D**

- » Taller profiled hybrid with large, dark green leaves
- » Brings lots of tonnage and high milk per ton ratings
- » Positions best in variable to high yield environments
- » Strong performance in central to eastern corn belt

**LC-4118**

94 SILAGE RM

**OPTIONS: VT2P RIB, SSX RIB**

- » High milk per acre hybrid
- » High starch content hybrid with very good starch digestibility
- » Strong yields over a wide area
- » Responds to top management

**LC-4248**

95 SILAGE RM

**OPTIONS: CONV, VT2P RIB, SSX RIB**

- » Excellent flexible acre hybrid that brings a lot of yield
- » High starch content variety with good starch digestibility
- » Top milk per ton and milk per acre hybrid makes this a top silage option
- » The higher the management the more performance you get

**LC503-21**

95 SILAGE RM

**OPTIONS: CONV, DV**

- » Top notch fiber digestibility
- » Strong milk per ton and milk per acre ratings
- » Medium plant structure with wide leaves
- » Best positioned in central and western corn belt



**LC511-21**

96 SILAGE RM

**OPTIONS: SSX RIB**

- » Taller profiled hybrid with excellent silage tonnage
- » Scores well with high fiber digestibility
- » High milk per ton and milk per acre scores
- » Positions well in all yield environments



**LC-5217**

97 SILAGE RM

**OPTIONS: CONV, RR2, VT2P RIB, SSX RIB**

- » Higher tonnage hybrid in both on farm trials and University trials
- » Taller profiled hybrid that brings performance consistency
- » Higher starch content for more milk per ton
- » Very good late season intactness and plant health



**LC525-21**

97 SILAGE RM

**OPTIONS: CONV, PWE**

- » Tall hybrid with excellent fiber digestibility
- » High starch content hybrid with very good starch digestibility
- » Solid agronomics
- » Must plant hybrid for top quality corn silage



**LC533-20**

98 SILAGE RM

**OPTIONS: DV**

- » Higher starch content hybrid
- » Excellent tonnage brings very good milk per acre performance
- » Good starch content hybrid
- » Best positioned in variable to higher managed acres



**LC555-21**

100 SILAGE RM

**OPTIONS: GT, 3010, D**

- » Excellent fiber digestibility with this hybrid
- » Strong starch content and digestibility
- » Very good milk per acre per acre ratings
- » Must plant hybrid in this maturity



**LC564-20**

100 SILAGE RM

**OPTIONS: CONV, PWE**

- » High tonnage hybrid across a wide area
- » Very good milk per acre ratings
- » Solid stalks and roots
- » Performs best in ideal and variable yield environments



**LC565-22**

101 SILAGE RM

**OPTIONS: PWE**

- » Showy plant style with excellent tonnage
- » Solid starch content and digestibility
- » Excellent ear flex and ear consistency down the row
- » Overall great plant health and bullet proof against Tar Spot



**LC585-22**

103 SILAGE RM

**OPTIONS: 3010**

- » Tall, robust statured plant with rock solid agronomics
- » Solid tonnage and quality performance year after year
- » Excellent foliar and stalk health. Great Tar Spot protection
- » Slower drydown for a longer harvest window



**LC592-21**

104 SILAGE RM

*OPTIONS: CONV, VZ*

- » This hybrid likes high management acres and higher populations
- » Medium-tall hybrid that will offer very good tonnage per acre
- » Medium kernel texture for faster starch digestibility
- » Very good choice for central and eastern corn belt acres

**LC623-21**

107 SILAGE RM

*OPTIONS: DV*

- » Tall hybrid that offers excellent tonnage opportunities as a flexible acre hybrid
- » Medium kernel texture for very good starch digestibility
- » Excellent late season intactness and staygreen for a longer harvest window
- » Strong silage appeal

**LC634-20**

108 SILAGE RM

*OPTIONS: CONV, SSX RIB*

- » High fiber digestibility flexible acre hybrid
- » Very adaptable hybrid from east to west and north to south
- » Very good starch digestibility
- » Consistent performance year in and year out

**LC416-20 LFY**

91 SILAGE RM

*OPTIONS: CONV LEAFY, RR2 LEAFY*

- » Taller hybrid that offers outstanding tonnage in high to variable yield environments
- » White cob hybrid with excellent starch digestibility
- » Long flexing ears with a softer kernel texture for quicker starch utilization
- » Will carry 9-12 massive leaves above the ear

**LC-3469 LFY**

94 SILAGE RM

*OPTIONS: SSX RIB LEAFY*

- » High tonnage hybrid that positions in all yield environments
- » Large flexing ears with softer kernels and higher starch content and starch digestibility
- » Strong agronomics with very good plant health and a long harvest window
- » Very good fiber digestibility

**LC-3667 LFY**

95 SILAGE RM

*OPTIONS: SSX RIB LEAFY*

- » High tonnage leafy hybrid with lots of leaf mass
- » Higher starch content leafy hybrid with soft kernel texture for very good digestibility
- » Good adaptability to yield environments
- » 8-11 leaves above the ear

**LC-3567 LFY**

95 SILAGE RM

*OPTIONS: CONV LEAFY, RR2 LEAFY*

- » High tonnage leafy hybrid with exceptional agronomics
- » White cob hybrid with large flexing ears
- » Soft kernels for excellent starch digestibility that will put milk in the tank
- » This hybrid will position in all yield environments

**LC-3961 LFY**

96 SILAGE RM

*OPTIONS: CONV LEAFY, RR2 LEAFY*

- » High yielding leafy hybrid with 9-12 leaves above the ear
- » White cob hybrid with large slow drying, soft kernels for exceptional starch digestibility
- » A star silage performer that puts milk in the tank
- » Has exceptional spring vigor that handles variable soil types



**LC476-21 FF LFY 97 SILAGE RM**

**OPTIONS: FULL FLOURY RR<sub>2</sub> LEAFY**

- » Full floury, silage specific hybrid that will offer top-notch starch digestibility
- » Excellent feed quality
- » Strong plant yields with a white cob
- » Very good plant health for a longer harvest window



**LC-4545 LFY 100 SILAGE RM**

**OPTIONS: RR<sub>2</sub> LEAFY**

- » White cob, leafy hybrid with medium-soft kernels and high grain content
- » Excellent tonnage with very good early vigor and seedling development
- » Lots of ear flex and yield environment adaptability
- » Slower plant and ear maturation for longer harvest window



**LC-4567 LFY 100 SILAGE RM**

**OPTIONS: CONV LEAFY, RR<sub>2</sub> LEAFY**

- » High tonnage leafy hybrid with a lot of leaf mass
- » Large flexing ears with soft kernels for very good starch digestibility
- » Higher protein hybrid
- » Recommend planting at populations less than 30,000 PPA



**LC506-22 LFY 100 SILAGE RM**

**OPTIONS: RR<sub>2</sub> LEAFY**

- » High tonnage with this floury, leafy hybrid
- » High grain content with a white cob
- » Good starch content with very good starch digestibility
- » Excellent late season plant health for a longer harvest window



**LC-4665 LFY 101 SILAGE RM**

**OPTIONS: SSX RIB LEAFY**

- » High total plant yield from this leafy hybrid
- » White cob hybrid with a very high grain content with moderately soft kernels
- » Consistent performance over a wide area
- » Very good NDFd numbers



**LC526-20 LFY 102 SILAGE RM**

**OPTIONS: SSX RIB LEAFY**

- » Top yields and agronomics on this floury leafy hybrid
- » Good starch content with very good starch digestibility
- » Higher protein content leafy silage hybrid
- » Very good feed quality and digestibility



**LC-5467 LFY 104 SILAGE RM**

**OPTIONS: RR<sub>2</sub> LEAFY**

- » Exceptional high tonnage leafy hybrid we like to call Sasquatch!
- » Very tall hybrid with a tremendous amount of leaves above the ear
- » Low starch hybrid for dairy dry cows, dairy replacement heifer operations and beef cows
- » Very good agronomics and environment adaptability



**LC-5262 LFY 105 SILAGE RM**

**OPTIONS: CONV LEAFY, RR<sub>2</sub> LEAFY**

- » Very healthy, floury leafy silage hybrid with 9-10 massive leaves above the ear
- » Pinkish cob variety with very large showy ears and soft kernels for early digestion
- » Has a slower rate of drydown which extends the harvest period
- » Higher protein content than most hybrids



**LC556-21 LFY** 105 SILAGE RM

**OPTIONS: SSX RIB LEAFY**

- » Very good total plant yield on this leafy hybrid
- » Very good starch content with good starch digestibility
- » Solid agronomics and plant health
- » Long harvest window



**LC586-22 LFY** 108 SILAGE RM

**OPTIONS: RR2 LEAFY**

- » Excellent tonnage on this floury leafy
- » Higher starch content with very good starch digestibility on a white cob
- » Robust plant type with 10-12 leaves above the ear
- » Solid agronomics



NEW	BRAND	SILAGE SYSTEM	VALUE ADDED TRAITS/OPTIONS	MATURITY INFO		SILAGE QUALITY AND FORAGE CHARACTERISTICS									
				SILAGE RM	Grain RM	Cob Color	Ear Type	Plant Height	Kernel Texture	Fiber Digestibility	Starch Content	Starch Digestibility	Silage Yield	Silage Quality	Planting Rate 1000's
	LC351-20	FA	VT2P RIB	80	85	R	SF	MT	M	3	2	2	2	2	28-38
	LC354-20	FA	CONV, GT, 3110	80	85	P	SF	MT	M	3	2	2	2	2	28-36
	LC-2847	FA	VT2P RIB	82	87	R	SF	MT	M	3	3	2	2	2	28-36
	LC391-21	FA	VT2P RIB	84	89	P	SF	M	MH	3	1	2	1	1	30-36
	LC-3017	FA	CONV, RR2, VT2P RIB	85	90	R	SF	M	M	2	2	3	2	3	30-38
	LC-3048	FA	VT2P RIB, SSX RIB	85	90	R	SF	M	M	2	1	2	2	1	30-38
	LC413-20	FA	CONV, V	86	91	R	SF	MT	M	2	2	2	2	3	28-36
	LC431-20	FA	CONV, RR2, VT2P RIB, SSX RIB	88	93	R	SF	MT	M	2	3	2	3	3	30-36
	LC441-20	FA	VT2P RIB	89	94	R	M	M	M	2	3	2	3	3	28-36
	LC451-21	FA	VT2P RIB, SSX RIB	90	95	R	SF	MT	MH	2	2	3	2	2	32-38
	LC-3517	FA	CONV, RR2, VT2P RIB	90	95	R	SF	M	M	4	2	3	2	3	30-38
	LC461-21	FA	DGVT2P RIB	91	96	R	FL	MT	MH	2	1	2	2	1	24-34
NEW	LC464-21	FA	AA	91	96	R	SF	MT	M	1	2	1	2	2	26-36
	LC474-20	FA	TRECEPTA RIB	92	97	R	SF	MT	M	2	2	2	1	1	26-36
	LC484-20	FA	VT2P RIB, SSX RIB	93	98	R	SF	MT	M	2	2	2	2	2	28-36
NEW	LC493-21	FA	D	94	99	R	SF	MT	MH	3	2	2	3	2	28-38
	LC-4118	FA	VT2P RIB, SSX RIB	94	99	R	SF	T	MH	2	2	3	1	3	30-36
	LC-4248	FA	CONV, VT2P RIB, SSX RIB	95	100	R	SF	MT	M	1	2	2	1	1	28-36
	LC503-21	FA	CONV, DV	95	100	R	SF	M	M	1	3	3	3	1	26-36
	LC511-21	FA	SSX RIB	96	101	R	SF	MT	M	2	2	2	1	1	30-36
	LC-5217	FA	CONV, RR2, VT2P RIB, SSX RIB	97	102	R	SF	MT	MH	3	2	3	2	3	30-38
NEW	LC525-21	FA	CONV, PWE	97	102	P	SF	T	M	1	1	1	2	1	32-38
	LC533-20	FA	DV	98	103	P	SF	T	MH	3	2	2	2	3	26-38
	LC555-21	FA	GT, 3010,D	100	105	R	FL	MT	M	2	2	2	2	1	26-38
	LC564-20	FA	CONV, PWE	100	105	R	SF	MT	M	3	3	2	2	3	30-38
NEW	LC565-22	FA	PWE	101	106	R	SF	T	MH	2	2	2	2	2	28-36
NEW	LC585-22	FA	3010	103	108	R	FL	T	M	2	2	1	1	2	28-36
	LC592-21	FA	CONV, VZ	104	109	R	F	MT	M	3	1	3	1	3	32-38
	LC623-21	FA	DV	107	112	R	SF	T	M	3	3	3	1	3	30-39
	LC634-20	FA	CONV, SSX RIB	108	113	R	SF	MT	M	2	3	2	2	3	32-38
	LC416-20 LFY	SS	CONV LEAFY, RR2 LEAFY	91	NA	W	FL	MT	S	3	4	1	3	3	24-30
	LC-3469 LFY	SS	SSX RIB LEAFY	94	NA	R	FL	MT	MS	3	2	2	2	2	24-30
	LC-3667 LFY	SS	SSX RIB LEAFY	95	NA	R	FL	T	MS	3	3	2	3	3	24-30
	LC-3567 LFY	SS	CONV LEAFY, RR2 LEAFY	95	NA	W	FL	MT	S	3	3	2	3	3	24-30
	LC-3961 LFY	SS	CONV LEAFY, RR2 LEAFY	96	NA	W	FL	VT	S	3	3	2	1	2	24-30

SILAGE



NEW	BRAND	SILAGE SYSTEM	VALUE ADDED TRAITS/OPTIONS	MATURITY INFO		SILAGE QUALITY AND FORAGE CHARACTERISTICS										
				SILAGE RM	Grain RM	Cob Color	Ear Type	Plant Height	Kernel Texture	Fiber Digestibility	Starch Content	Starch Digestibility	Silage Yield	Silage Quality	Planting Rate 1,000's	
NEW	LC476-21 FF LFY	SS	FULL FLOURY RR2 LEAFY	97	NA	W	FL	T	S	2	3	1	3	2	24-30	
	LC-4545 LFY	SS	RR2 LEAFY	100	NA	W	FL	VT	MS	3	2	1	2	3	24-30	
	LC-4567 LFY	SS	CONV LEAFY, RR2 LEAFY	100	NA	R	FL	MT	S	3	3	3	2	2	24-30	
NEW	LC506-22 LFY	SS	RR2 LEAFY	100	NA	W	FL	T	S	2	2	1	2	2	24-30	
	LC-4665 LFY	SS	SSX RIB LEAFY	101	NA	W	FL	T	MS	3	3	2	2	2	24-30	
NEW	LC526-20 LFY	SS	SSX RIB LEAFY	102	NA	W	FL	T	MS	2	2	3	2	2	24-30	
	LC-5467 LFY	SS	RR2 LEAFY	104	NA	W	FL	VT	MS	2	4	3	1	4	24-30	
	LC-5262 LFY	SS	CONV LEAFY, RR2 LEAFY	105	NA	P	FL	MT	S	4	3	1	3	2	24-30	
NEW	LC556-21 LFY	SS	SSX RIB LEAFY	105	NA	P	FL	T	MS	2	2	2	2	2	24-30	
NEW	LC586-22 LFY	SS	RR2 LEAFY	108	NA	W	FL	T	S	3	2	2	2	2	24-30	

**RATING KEY** 1 = Excellent | 2 = Very Good | 3 = Good | 4 = Fair | 5 = Poor | NA = Not Available  
**Cob Color:** R = Red | P = Pink | W = White | **Ear Type:** FL = Flex | SF = Semi-Flex | F = Fixed | **Plant Height:** M = Medium | MT = Medium-Tall | T = Tall | VT = Very Tall | **Kernel Texture:** M = Medium | MH = Medium-Hard | S = Soft | MS = Medium-Soft

**TRAIT KEY** VT2P RIB = VT Double PRO® RIB Complete® Corn Blend | RR2 = Roundup Ready® Corn 2  
 DGV2P RIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend | SSX RIB = SmartStax® RIB Complete® Corn Blend  
 GT = Agrisure® GT | 3010 = Agrisure® 3010 | 3110 = Agrisure Viptera® 3110 | AA = Agrisure® Above | AT = Agrisure® Total | V = Viptera™  
 VZ = Viptera™Z3 | D = Duracade™ | DV = DuracadeViptera™ | TRECEPTA RIB = Trecepta® RIB Complete® Corn Blend | PWE = PowerCore® Enlist® Corn

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

**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.

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

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

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

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



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Due to the unique cropping practices do not plant Roundup Ready® Alfalfa in Imperial County, California, pending import approvals and until Forage Genetics International, LLC (FGI) grants express permission for such planting.

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

More information about Duracade™ is available at [www.biotradestatus.com](http://www.biotradestatus.com).



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



Corn trait 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. HERCULEX® and the HERCULEX Shield are trademarks of Corteva Agriscience, LLC.

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 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](http://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™ 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 will damage or kill crops that are not tolerant to 2,4-D and -fop.

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

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