



**LEGACY**  
*Seeds*

**2021**  
**SEED GUIDE**

ALFALFA // CORN // SOYBEAN // WHEAT

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On behalf of everyone at Legacy Seeds we thank you for your trust and the opportunity to be your seed supplier. Our number one goal is to bring great products and service to help make your farming operation and your family successful.

Our foundation is built on Integrity, Performance and Solutions. Doing the right thing in every situation and developing products that are second to none is top of mind every day. We continue to carefully build our support team with people that have the same mindset. Whether in the Operations team, Accounting, Sales, or Research, there is one common focus; the success of our customers.

As an independent company, Legacy Seeds provides the best product and technology to fit each unique farming operation. Investments in research around the market area as well as at our Research and Learning Center in Waupaca, WI allows to provide proof of concept and product so there is no guessing on your part. To all of us at Legacy Seeds it's not just a job. It is a passion to being committed to improving farming in our great nation.

As 2020 rolled in, it brought with it one of the most unique and uncertain times the world has ever seen. The Coronavirus labeled Covid-19. It will be remembered by many generations for the rest of our lives and has undoubtedly altered the course of history and all aspects of life. One thing that is unmistakable though is the passion and resilience of the American Farmer: the greatest farmers in the world. We are proud to be involved and will continue to strive to help farming be a profitable profession.

We look forward to engaging with each and everyone of you and are awaiting your call or emails. We pray that your family remains safe and healthy and that God's blessings are upon you.

Sincerely,

**BRET MCCORKLE**

*President*  
Legacy Seeds LLC



Multiple alfalfa yield trials across Wisconsin help us determine the value of Legacy varieties compared to top competitor varieties.



Our research station in Waupaca is where much of our alfalfa breeding and research takes place.

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"Legacy HD® Alfalfa has helped us fight back from the hit we took from losing BST. High quality forage helps replace BST, but nothing can replace high quality forage like we get with Legacy's HD® Alfalfa."

**- JOHN EGAN, OMRO, WI**

"We summer seeded L-455HD in 2017 and had a great take; after traveling the fields this spring, we have a great stand, which is a little surprising after last winter and the crazy spring we have had so far in 2018."

**- BRIAN FISHER, FISHER FARMS**

"I first heard about Legacy alfalfa through the World Forage Superbowl. Now looking at this beautiful stand with quarter-sized leaves confirms the fact that I made the right decision planting L-455HD."

**- LOREN HANSEN / MAPLE LEAF ACRES,  
ELK MOUND, WI**

### L-457HD+

**Highly Digestible with APH2 Resistance**

- » Highest yielding HD® variety
- » Maintain 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



### 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



#### NOTES

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## 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



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).

**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
<b>NEW</b>	L-442RR	FD4/APH2	4.4	1.3	35/35	Tap	2	3	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
	Hoppnot 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®

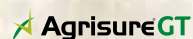
Recovery after Harvest Ratings: 1 = Very Fast | 2-3 = Fast | 4-5 = Average | 6-7 = Slow | 8-9 = Very Slow

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

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

ALFALFA BRANDS  
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	<p>The Agrisure® GT trait provides tolerance to in-crop applications of glyphosate-based herbicides. This hybrid is an excellent option for refuge acres in a structured refuge operation.</p>
	<p>The Agrisure® 3122 E-Z Refuge® trait stack offers the convenience of an E-Z Refuge® seed blend with multiple modes of action against corn borer and corn rootworm, as well as suppression of ear-feeding insects.</p>
	<p>The Agrisure Artesian® GTA trait stack combines a hybrid that optimizes the conversion of water to grain and provides improved yield consistency with tolerance to in-crop applications of glyphosate-based herbicides.</p>
	<p>The Agrisure Duracade® 5222 E-Z Refuge® trait stack is the ultimate trait stack for insect control, simplicity and choice, featuring multiple modes of action to control 16 key insects—more than any competitive trait stack—including a unique mode of action that demonstrates strong performance against corn rootworm, and the convenience of an integrated E-Z Refuge seed blend.</p>
	<p>The Agrisure Viptera® 3110A trait stack combines the benefits of a hybrid that maximizes yield when it rains and increases yield when it doesn't, with season-long comprehensive above-ground insect control. It is ideal for areas where corn rootworm management is not a key focus.</p>
	<p>The Agrisure Viptera® 3220 E-Z Refuge® trait stack offers the most comprehensive above-ground insect control with multiple modes of action against key above-ground insects and the convenience of an integrated E-Z Refuge® seed blend. It is ideal for areas where corn rootworm management is not a primary concern.</p>
	<p><b>VT Double PRO® RIB Complete® Corn Blend</b> is a mix of 95% traited and 5% refuge seed. With refuge-in-a-bag, there's no need to calculate or plant separate, structured refuge in the Corn-Growing Area. It contains dual modes of action for maximum protection against corn earworm and other above-ground pests, like European and Southwestern corn borers and fall armyworm.</p>
	<p><b>Roundup Ready® Corn 2</b> contains in-plant tolerance to Roundup® brand herbicides, enabling growers to spray Roundup® brands over the top, from planting through the V8 stage or 30-inch corn height, with excellent crop safety and no yield reduction. Compared to popular conventional corn programs, the Roundup Ready® Corn 2 system costs less, while allowing hybrids to reach their maximum yield potential. While the U.S. regulatory agencies have given full approval to Roundup Ready® Corn 2 for commerce in the U.S. for marketing and consumption as food, food ingredients and feed for livestock, certain regulatory approvals are pending in certain export markets. For more information on these approvals, or for assistance in locating domestic grain outlets, see the American Seed Trade Association web site (<a href="http://www.amseed.org">www.amseed.org</a>) or contact Monsanto directly at 800-768-6387.</p>
	<p><b>SmartStax® RIB Complete® Corn Blend</b> is a mix of 95% Bt. traited, 5% refuge seed. You get all the benefits of SmartStax® technology, plus the convenience of 5% refuge seed interspersed in every bag. It has proven to have a 10 bu/A advantage over non-Bt. traited corn and a 20 bu/A advantage over non-Bt. treated corn + a soil-applied insecticide.</p>
	<p><b>DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend</b> contain the first double-stacked trait with dual modes of action for above ground insects and maximum protection against corn earworm. Superior genetics along with innovative drought-tolerant trait technology helps DroughtGard® Hybrids withstand drought conditions for a better chance of maximizing kernels per ear and overall yield potential.</p>



GT



3122 E-Z



GTA



5222 E-Z



3220 E-Z

**LC-1818** 78 RM

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

- » Strong performance in variable and tougher environments
- » Early flowering hybrid for good northern movement
- » Shorter profiled hybrid for lower trash management systems
- » Very good stalks and roots
- » Good Goss' Wilt scores for western corn acres

**LC-2019** 80 RM

**OPTIONS: VT2P RIB**

- » Early flowering hybrid for good northern movement
- » Strong performance in variable environments
- » Very good emergence and seedling vigor for minimum and no till systems
- » Strong stalks and roots
- » Will move south of zone well with competitive yields

**LC-2245** 81 RM

**OPTIONS: RR2, VT2P RIB**

- » A top performing hybrid in all yield environments and soil types
- » Early flowering for good northern movement
- » Girthy ears with good test weight and a very fast dry down
- » Excellent emergence and seedling scores
- » Strong stalks and roots for late season harvest

**LC311-20** 81 RM

**OPTIONS: VT2P RIB**

- » Strong defensive characteristics
- » Semi-flex ear type with a loose husk and faster dry down
- » Girthy ear with 16-18 kernel rows
- » Medium-tall plant with a medium ear placement
- » Best positioned in variable and higher yield environments

**NEW!**

**LC-2314** 83 RM

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

- » Workhorse type hybrid with strong performance in all yield environments
- » Very adaptable hybrid across all environments
- » Maintains plant and ear height at lower plant populations
- » Solid overall agronomic package that allows for movement south of zone

**LC-2347** 83 RM

**OPTIONS: RR2, VT2P RIB**

- » Strong performing hybrid, especially in variable soils
- » Medium plant height with excellent stalks and roots
- » Nice ear flex and length in this hybrid for variable planting rates
- » Will handle drought and other stresses well
- » Strong disease resistance to GLS, NCLB, GW and common rust

**LC-2546** 84 RM

**OPTIONS: CONV, RR2**

- » Very strong performing hybrid across all yield environments
- » Long, flexing ear type hybrid with flared husks for a faster dry down
- » Very good drought and stress tolerant hybrid
- » Best in zone and north of zone
- » Very good test weight with very good grain quality

**LC351-20** 85 RM

**OPTIONS: VT2P RIB**

- » Strong performance in all yield environments
- » Medium-tall plant profile that may offer grain and silage opportunities
- » Semi-flex ear with 18-20 kernel rows, loose husk and a fast dry down
- » Strong stalks and roots
- » Will position from east to west with good Goss' Wilt tolerance for western environments

**NEW!**

**LC-2643** 85 RM

**OPTIONS: RR2**

- » Strong performance over a wide area and variable environments
- » Medium-tall plant with a medium ear placement that offers acre flexibility
- » Flowers early for good northern movement, but moves south of zone as well
- » Strong stalks and roots
- » Excellent late season intactness and staygreen



3110A



VT2P RIB



RR2



SSX RIB



DGVT2P RIB

**LC-2735**

86 RM

**OPTIONS: CONV, GTA**

- » Widely adapted hybrid with very stable yields
- » Medium-tall hybrid that is big enough to offer good dual purpose potential
- » Outstanding stalk and root strength
- » Excellent grain quality and test weight
- » Ration Choice™ Flexible Acre Hybrid


**LC-2817**

86 RM

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

- » Dominating yield performance in higher yield environments
- » Excellent emergence and early vigor for reduced tillage operations
- » Extremely girthy ears with 18-20 kernel rows
- » Medium-tall plant with excellent late season intactness
- » Broadly adapted from east to west in the northern corn belt

**LC-2847**

87 RM

**OPTIONS: VT2P RIB**

- » High performing hybrid with good east to west adaptation
- » A very good choice for challenging acres
- » Excellent early vigor and seedling development
- » Excellent choice as either a grain or flexible acre hybrid
- » Ration Choice™ Flexible Acre Hybrid


**LC-2916**

88 RM

**OPTIONS: CONV, VT2P RIB**

- » Stable performing hybrid with girthy ears
- » Medium plant stature for lower residue buildup
- » Performs extremely well in all yield environments and soil types
- » Very good husk cover for added protection in high black bird fly way areas
- » Moves east to west across the northern corn belt

**LC-2918**

89 RM

**OPTIONS: VT2P RIB**

- » A hybrid that is built for your tough and variable environments
- » Excellent emergence and early vigor scores for reduced tillage systems
- » Solid agronomics with very good roots and stalks
- » Strong Goss' Wilt scores
- » Will move south of its maturity zone well

**LC-3011**

90 RM

**OPTIONS: CONV, RR2**

- » Workhorse hybrid for those tough acres
- » Good ear flex for variable rate planting
- » Excellent stress and drought tolerance
- » Recommended for use on all crop rotations
- » Strong roots and agronomics

**LC-3017**

90 RM

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

- » Girthy, semi-flex ears for variable rate acres
- » Strong performance across all yield levels and environments
- » Very good stress and drought tolerance
- » Very good resistance to anthracnose stalk rot
- » Ration Choice™ Flexible Acre Hybrid


**LC-3048**

90 RM

**OPTIONS: VT2P RIB, SSX RIB**

- » Top notch performance in all yield environments
- » Excellent emergence and seedling vigor for early planting
- » Medium plant height with very good roots and stalks
- » Widely adapted hybrid that will move east to west with strong Goss' Wilt tolerance
- » Very good resistance to anthracnose stalk rot

**LC-3043**

92 RM

**OPTIONS: CONV, RR2**

- » Dependable, performing hybrid over a wide range of environments
- » Medium-tall hybrid that offers excellent silage yield and silage quality
- » Long ear type with 18-20 kernel rows that allows for variable planting rates
- » Excellent stalks and roots with very good stress and drought tolerance
- » Ration Choice™ Flexible Acre Hybrid






**LC-3115** 92 RM

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



- » Exceptional hybrid with outstanding top-end yield potential
- » Performs at all yield levels, but pours it on in high yield environments
- » Taller plant profile that offers very good dual purpose potential
- » Very good disease package with strong Goss' Wilt and stress tolerance
- » Ration Choice™ Flexible Acre Hybrid



**LC413-20** 91 RM

**OPTIONS: CONV, 3110A**

- » Strong performance with a wide area of adaptation
- » Medium-tall hybrid which offers grain and silage opportunities
- » Early flowering hybrid for good northern movement
- » Excellent emergence and early vigor scores
- » Ration Choice™ Flexible Acre Hybrid

**LC-3416** 94 RM

**OPTIONS: VT2P RIB**

- » Strong yield potential in zone and north of zone
- » Responds to high levels of management and fungicide applications
- » Early flowering hybrid for good northern movement
- » Semi-flex ear type for variable planting rates and a very fast dry down
- » Positions well from east to west across the northern corn belt

**LC-3419** 94 RM


**OPTIONS: VT2P RIB**

- » Workhorse type hybrid with excellent top-end yield potential
- » Semi-flex ear type which allows for variable planting rates
- » Strong Goss' Wilt scores for good western corn belt movement
- » Very good tolerance to anthracnose stalk rot
- » Good east to west movement and best positioned on well drained soils

**LC-3438** 94 RM

**OPTIONS: CONV**


- » Robust, Flexible Acre hybrid with strong grain and forage yields
- » Strong stalks and roots
- » Workhorse type hybrid that will handle a lot of stress
- » Very good ear flex for variable rate planting
- » Ration Choice™ Flexible Acre Hybrid



**LC441-20** 94 RM

**OPTIONS: VT2P RIB**


- » Strong performance in central and eastern corn belt
- » Early flowering hybrid that will move north of zone
- » Good ear flex with 18-20 kernel rows that will allow for variable rate planting
- » Longer husks for better protection from bird damage
- » Very good resistance to anthracnose stalk rot



**LC-3517** 95 RM

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


- » High top-end yield potential across all soil types
- » Fast emergence with excellent early vigor for reduced tillage acres
- » Semi-flex ear type for variable rate planting
- » Very good drought tolerance for tough acres
- » Ration Choice™ Flexible Acre Hybrid



**LC-3537** 95 RM

**OPTIONS: 3220 E-Z, 5222 E-Z**


- » High yielding hybrid with very good central and eastern corn belt adaptation
- » Excellent early emergence and plant vigor
- » Taller profile hybrid for good tonnage and silage quality
- » Will respond to high management levels
- » Ration Choice™ Flexible Acre Hybrid



**LC-3547** 95 RM

**OPTIONS: CONV**

- » Full season, high performing hybrid that performs well in all environments
- » Excellent stalks and roots
- » Long flexing ears that allow for population variation
- » Very strong Goss' Wilt and Gray Leaf tolerance
- » Ration Choice™ Flexible Acre Hybrid



**LC-3617**

96 RM

**OPTIONS: VT2P RIB, SSX RIB**

- » Strong yield potential in all yield environments
- » Excellent test weight and grain quality
- » Semi-flex ear type for variable rate planting
- » Strong emergence and seedling vigor for early planting
- » Very good late season intactness

**LC-3712**

96 RM

**OPTIONS: RR2, VT2P RIB**

- » Proven performance with solid agronomics
- » Excellent drought and greensnap tolerance
- » Medium statured hybrid with very good test weight and late season health
- » An excellent choice for continuous corn acres
- » Strong disease package, especially on Goss' Wilt

**LC-3718**

98 RM

**OPTIONS: DGVT2P RIB**

- » Excellent yield potential, especially in central and eastern corn belt
- » Consistent, girthy ears with a flared husk for a faster dry down
- » Very good emergence and seedling vigor
- » Attractive fall appearance and intactness that handles stresses well
- » Ration Choice™ Flexible Acre Hybrid


**LC484-20**

98 RM

**OPTIONS: VT2P RIB, SSX RIB**

- » Strong performing hybrid that positions well in all yield environments and soil types
- » Long, girthy, semi-flex ears that will adapt to variable rate planting systems
- » Strong disease package with resistance to anthracnose stalk rot
- » Will move east to west across the corn belt and south of its maturity zone
- » Ration Choice™ Flexible Acre Hybrid



NEW!

**LC-3816**

99 RM

**OPTIONS: CONV, DGVT2P RIB**

- » Excellent yielding hybrid that should be on every farm
- » Has excellent yield stability across environments and soil types
- » Tremendous defensive characteristics that handles stress
- » Very strong stalks and roots that allow for a longer harvest window
- » Strong disease package, especially on Goss' Wilt

**LC-3948**

99 RM

**OPTIONS: RR2**

- » Has consistent, girthy semi-flex ears down the row
- » Wide area of adaptation
- » Medium-tall hybrid with very good stalks
- » Will perform well in all environments but will excel in variable to high management systems
- » Flowers early and will tolerate wet soils well

**LC-4118**

99 RM

**OPTIONS: VT2P RIB, SSX RIB**

- » Strong performance in high yield environments
- » Flexing ears with very good test weight and a fast dry down
- » Earlier flowering hybrid for good north of zone movement
- » Taller profile plant type with medium ear placement
- » Ration Choice™ Flexible Acre Hybrid


**LC-4148**

100 RM

**OPTIONS: CONV**


- » Dominate yield performance in moderate to highly productive soils
- » Has long, flexing ears with very good grain quality
- » Later flowering conventional hybrid for good southern movement
- » Has a wide area of adaptation from east to west
- » Very good Goss' Wilt scores for western movement

**LC-4248**

100 RM

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

- » Flexing ear type with tremendous ear girth
- » Strong yield stability across all yield environments
- » Medium plant height hybrid with good late season intactness
- » Very good resistance to anthracnose stalk rot
- » This hybrid will have a strong response to fungicide applications



GT



3122 E-Z



GTA



5222 E-Z



3220 E-Z

### LC-4317

100 RM

**OPTIONS: VT2P RIB**

- » Solid performing hybrid with excellent test weight and a fast dry down
- » Will perform well in tough and ideal yield environments
- » Very good stalks and roots along with good Goss' Wilt tolerance
- » Good stress and drought tolerance along with stronger tar spot scores
- » Later flowering hybrid best suited for its maturity zone and south

### LC-4433

100 RM

**OPTIONS: CONV, GTA, 3I22 E-Z**

- » Widely adapted hybrid with excellent drought tolerance
- » Semi-flex ear type with outstanding yield potential
- » Taller plant profile with medium to high ear placement
- » Excellent choice for corn-on-corn acres with dependable stalk strength
- » Ration Choice™ Flexible Acre Hybrid

### LC-5217

103 RM

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

- » Exceptional, high yielding hybrid with long ears and very deep kernels
- » Excellent grain quality and test weight
- » Widely adapted hybrid with very good Goss' Wilt control
- » Excellent east to west movement across the corn belt
- » Ration Choice™ Flexible Acre Hybrid

### LC-5319

103 RM

**OPTIONS: SSX RIB**

- » Strong performance in central and eastern corn belts
- » Excellent emergence for early planting and reduced tillage systems
- » Semi-flex ears with very good test weight
- » Very good roots and stalks and resistance to anthracnose stalk rot
- » Can be positioned from less productive soils to highly productive soils

### LC533-20

103 RM

**OPTIONS: 5222 E-Z**

- » High performing hybrid in all yield environments and soil types
- » Widely adapted from east to west and north to south
- » Excellent emergence and early vigor for minimum tillage systems
- » Excellent plant health and intactness
- » Ration Choice™ Flexible Acre Hybrid

### LC535-20

103 RM

**OPTIONS: GT**

- » Deep kernels with good ear flex for variable rate planting
- » Medium-tall hybrid with a standard canopy
- » Solid agronomics for good movement across the corn belt and maturity zones
- » Top forage quality and fiber digestibility for dairy producers
- » Ration Choice™ Flexible Acre Hybrid

### LC-5350

104 RM

**OPTIONS: 3I22 E-Z**

- » Industry leading genetics with outstanding yields for either grain or silage
- » Widely adapted from east to west with excellent drought tolerance
- » Excellent emergence and very fast seedling growth
- » Taller hybrid with large flexing ears makes this hybrid very adaptable
- » Ration Choice™ Flexible Acre Hybrid

### LC-5416

104 RM

**OPTIONS: SSX RIB**

- » Top performing hybrid across the corn belt
- » Will perform in all yield environments but excels under high management
- » Taller, semi-flex ear type hybrid for variable rate planted acres
- » Very good disease package, especially Goss' Wilt
- » Has excellent test weight with a faster dry down

### LC-5438

104 RM

**OPTIONS: CONV, 3I22 E-Z**

- » Exceptional flexible acre grain or silage, conventional hybrid
- » Flexing ear type that will allow for a wide range of populations
- » Excellent Goss' Wilt control for good east to west movement
- » Excellent performance in less productive soils to variable productive soils
- » Ration Choice™ Flexible Acre Hybrid



**OPTIONS: SSX RIB**



3110A



VT2P RIB



RR2



SSX RIB



DGVT2P RIB

**LC551-20**

105 RM

**OPTIONS: SSX RIB**

- » Strong, stable performance in all yield environments and soil types
- » Excellent emergence and early seedling vigor
- » Very good stalks and roots for late season harvest
- » Excellent Goss' Wilt tolerance with very good stalk anthracnose tolerance
- » Very good ear flex with excellent stress and drought tolerance

**LC-5516**

105 RM

**OPTIONS: CONV**

- » Strong performing hybrid that adapts well to central and eastern corn belt
- » Excels in all crop rotations, management levels and most soil types
- » Flowers early for good northern movement
- » Good ear flex for variable rate planting
- » Ration Choice™ Flexible Acre Hybrid

**RationChoice™**  
SILAGE HYBRID**LC-6047**

105 RM

**OPTIONS: CONV, SSX RIB**

- » Stable, consistent yield performance in variable and highly productive soils
- » Exceptional disease tolerance for Goss' Wilt, GLS and NCLB
- » Performs best in medium to high populations
- » Medium-tall hybrid for acre flexibility
- » Ration Choice™ Flexible Acre Hybrid

**RationChoice™**  
SILAGE HYBRID**LC-5819**

107 RM

**OPTIONS: SSX RIB**

- » Widely adaptable hybrid with consistent yield performance from east to west
- » Excellent Goss' Wilt and greensnap tolerance
- » Excellent grain quality and test weight
- » Early flowering hybrid for good north of zone movement
- » Very good stress and drought tolerance

**LC-6747**

108 RM

**OPTIONS: CONV**

- » High yielding hybrid with excellent stalks and roots
- » Strong tolerance to Goss' Wilt and NCLB
- » Medium-tall hybrid that offers acre flexibility
- » Will position well on heavy clay soils and rolling ground
- » Ration Choice™ Flexible Acre Hybrid

**RationChoice™**  
SILAGE HYBRID**LC-6918**

109 RM

**OPTIONS: SSX RIB**

- » Excellent performing hybrid in variable and high yield environments
- » Excellent early vigor with very low greensnap risk
- » Very good test weight with deep kernels
- » Excellent roots with strong stalks
- » Excellent control of anthracnose stalk rot

**LC-6947**

109 RM

**OPTIONS: RR2**

- » Very high performing hybrid with good east to west adaptation
- » Consistent ears down the row with deep kernels
- » Strong scores against Goss' Wilt and GLS and excellent late season health
- » Taller profiled hybrid which allows for acre flexibility
- » Ration Choice™ Flexible Acre Hybrid

**RationChoice™**  
SILAGE HYBRID**LC-7236**

112 RM

**OPTIONS: CONV, 5222 E-Z**

- » Superior top-end yield potential with good control of Goss' Wilt
- » Outstanding stalks and roots with solid agronomics
- » Tall hybrid with a semi-flex ear and a white cob
- » Excellent late season staygreen and intactness
- » Ration Choice™ Flexible Acre Hybrid

**RationChoice™**  
SILAGE HYBRID**LC634-20**

113 RM

**OPTIONS: CONV, SSX RIB**

- » Dominate yielding hybrid
- » Outstanding agronomic package
- » Has a wide area of adaptation from east to west and north to south
- » Balanced ear type with excellent grain quality and test weight
- » Ration Choice™ Flexible Acre Hybrid

**RationChoice™**  
SILAGE HYBRID

AgrisureGT

GT

 Agrisure  
3122  
E-Z Refuge

3122 E-Z

 Agrisure  
ArtesianGTA

GTA

 Agrisure  
Duracade  
5222 E-Z Refuge

5222 E-Z

 Agrisure  
Viptera  
3220 E-Z Refuge

3220 E-Z

NEW	BRAND	VALUE ADDED TRAITS	MATURITY INFO			AGRONOMIC & PLANT CHARACTERISTICS										GRAIN & EAR CHARACTERISTICS					DISEASE RATINGS				PRODUCT POSITIONING								
			GRAIN RM	GDU - BLACK LAYER	GDU - MID SILK	FLOWERING FOR MATURITY	PLANTING RATE 1000'S	EMERGENCE	SEEDLING VIGOR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	GREENSNAP	STAYGREEN	FALL APPEARANCE	PLANT HEIGHT	EAR HEIGHT	EAR LENGTH	EAR FLEX	COB COLOR	KERNEL ROWS	TEST WEIGHT	DRYDOWN	NORTHERN LEAF BLIGHT	GRAY LEAF SPOT	GOSS' WILT	ANTHRACNOSE STALK ROT	TAR SPOT	HIGH YIELD - IRR. ENVIRONMENTS	VARIABLE YIELD ENVIRONMENTS	LOW YIELD - STRESS ENVIRONMENTS	CORN FOLLOWING CORN	FUNGICIDE RESPONSE
	LC-1713	RR2	76	1820	923	2	34-38	2	3	1	2	3	3	1	2	MT	MH	ML	F	R	14-16	2	2	2	NA	4	2	NA	1	1	3	3	2
	LC-1818	CONV, RR2, VT2P RIB	78	1892	938	2	32-38	2	2	2	2	3	3	3	3	S	M	ML	SF	R	12-14	3	3	2	NA	3	3	NA	3	1	1	4	2
	LC-2019	VT2P RIB	80	1950	1055	2	32-38	2	2	2	2	3	3	2	2	MS	M	M	SF	R	12-14	3	3	3	3	3	3	NA	2	1	3	4	2
	LC-2245	RR2, VT2P RIB	81	2000	1060	3	28-34	2	1	2	2	2	2	3	3	MT	M	MG	SF	R	16-18	2	2	2	2	3	3	NA	1	1	1	3	2
NEW	LC311-20	VT2P RIB	81	2061	1060	3	28-34	2	2	2	2	3	2	3	2	MT	M	MG	SF	R	16-18	3	2	3	3	3	4	NA	1	1	3	4	1
	LC-2314	CONV, RR2, VT2P RIB	83	2117	1128	3	32-36	2	2	2	3	2	2	3	2	MT	M	MG	SF	R	16-18	3	3	2	NA	4	3	NA	1	1	1	3	2
	LC-2347	RR2, VT2P RIB	83	2100	1120	2	32-38	2	2	2	1	2	2	2	2	M	M	MG	SF	R	16-18	3	2	2	2	2	2	NA	1	1	1	1	2
	LC-2516	VT2P RIB	84	2160	1134	1	30-36	3	2	1	3	2	3	3	3	M	M	G	SF	R	16-18	2	1	3	NA	3	3	NA	1	1	1	3	2
	LC-2546	CONV, RR2	84	2145	1126	2	28-36	3	2	2	3	2	2	2	3	MT	MH	ML	FL	P	16-18	2	3	3	3	3	3	NA	2	1	1	3	2
NEW	LC351-20	VT2P RIB	85	2152	1115	3	28-34	2	3	2	2	3	2	2	3	MT	MH	G	SF	R	18-20	3	2	3	3	3	3	NA	1	1	3	3	2
	LC-2643	RR2	85	2150	1125	3	30-36	2	2	1	2	2	2	2	2	MT	M	MG	SF	R	16-18	3	2	2	3	2	3	NA	1	1	1	3	3
	LC-2735	CONV, GTA	86	2160	1125	3	28-34	2	2	2	2	2	3	2	2	MT	M	MG	SF	R	16-18	2	3	1	NA	2	3	NA	1	1	1	3	2
	LC-2817	CONV, RR2, VT2P RIB	86	2155	1122	2	32-38	2	2	3	2	3	3	2	2	MT	M	MG	SF	R	18-20	2	2	3	NA	3	3	NA	1	1	3	4	2
	LC-2847	VT2P RIB	87	2245	1185	4	28-36	1	1	3	2	2	2	3	3	MT	MH	ML	SF	R	18-20	3	3	2	3	3	3	NA	2	1	1	2	2
	LC-2916	CONV, VT2P RIB	88	2247	1150	2	32-36	2	1	3	3	3	2	3	2	M	M	G	SF	R	18-20	3	2	3	3	3	3	NA	2	1	3	3	2



3110A

VT2P RIB

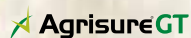
RR2

SSX RIB

DGVT2P RIB

CORN CHARACTERISTICS

NEW	BRAND	VALUE ADDED TRAITS	MATURITY INFO			AGRONOMIC & PLANT CHARACTERISTICS										GRAIN & EAR CHARACTERISTICS					DISEASE RATINGS				PRODUCT POSITIONING								
			GRAIN RM	GDU - BLACK LAYER	GDU - MID SILK	FLOWERING FOR MATURITY	PLANTING RATE 1000'S	EMERGENCE	SEEDLING VIGOR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	GREENSNAP	STAYGREEN	FALL APPEARANCE	PLANT HEIGHT	EAR HEIGHT	EAR LENGTH	EAR FLEX	COB COLOR	KERNEL ROWS	TEST WEIGHT	DRYDOWN	NORTHERN LEAF BLIGHT	GRAY LEAF SPOT	GOSS' WILT	ANTHRACNOSE STALK ROT	TAR SPOT	HIGH YIELD - IRR: ENVIRONMENTS	VARIABLE YIELD ENVIRONMENTS	LOW YIELD - STRESS ENVIRONMENTS	CORN FOLLOWING CORN	FUNGICIDE RESPONSE
	LC-2918	VT2P RIB	89	2243	1170	3	30-36	1	1	2	2	3	3	3	2	M	ML	ML	SF	R	16-18	2	3	3	2	3	3	NA	2	1	1	2	2
	LC-2924	RR2	89	2250	1172	3	32-38	3	3	2	3	3	3	2	MT	M	MG	F	P	14-16	3	3	2	3	4	4	NA	2	1	4	4	1	
	LC-3011	CONV, RR2	90	2236	1120	2	28-34	3	2	1	2	1	2	2	3	M	M	ML	SF	R	14-18	2	1	2	3	2	3	NA	3	1	1	3	2
	LC-3017	CONV, RR2, VT2P RIB	90	2255	1180	3	30-38	2	1	1	2	2	2	2	2	M	M	MG	SF	R	18-20	3	3	2	3	3	2	2	1	1	1	2	2
	LC-3048	VT2P RIB, SSX RIB	90	2270	1160	2	30-38	2	2	1	2	3	2	3	4	M	M	MG	SF	R	16-18	3	2	2	2	2	2	NA	1	1	1	2	2
NEW	LC413-20	CONV, 3110A	91	2275	1175	3	28-36	1	1	3	2	2	3	2	2	MT	M	MG	SF	R	16-18	3	3	1	NA	2	2	NA	1	1	1	3	2
	LC-3043	CONV, RR2	92	2310	1240	3	28-36	2	2	1	2	2	2	2	2	MT	M	ML	SF	R	16-18	3	3	2	3	3	2	NA	2	1	1	3	2
	LC-3115	RR2, VT2P RIB, SSX RIB	92	2285	1210	3	28-36	2	3	2	2	3	2	3	3	MT	M	MG	SF	R	16-18	3	3	3	3	2	3	1	1	1	3	1	2
	LC-3117	VT2P RIB	91	2284	1215	2	32-38	2	2	2	1	3	2	3	2	MS	M	M	SF	R	16-18	2	3	2	3	3	3	NA	1	1	4	2	1
NEW	LC431-20	SSX RIB	93	2312	1203	3	30-36	2	2	3	3	2	3	3	3	MT	MH	MG	SF	R	16-18	2	2	3	3	3	1	NA	1	1	3	1	3
	LC-3416	VT2P RIB	94	2332	1215	2	30-36	2	2	2	3	3	2	3	3	M	M	MG	SF	R	18-20	3	2	3	3	3	4	2	1	1	3	4	1
	LC-3419	VT2P RIB	94	2379	1220	3	30-36	2	3	2	3	3	2	3	2	M	M	MG	SF	R	16-18	2	2	3	3	2	2	3	2	1	3	3	2
	LC-3438	CONV	94	2355	1230	3	26-36	2	3	2	2	1	2	3	2	MT	M	ML	SF	R	14-16	3	2	2	3	3	NA	NA	2	1	1	3	2
NEW	LC441-20	VT2P RIB	94	2366	1233	3	30-36	2	2	2	2	3	3	3	2	M	M	MG	SF	R	18-20	2	1	3	3	2	3	3	1	1	1	3	2
	LC-3517	CONV, RR2, VT2P RIB	95	2385	1241	4	30-38	1	1	1	2	2	2	3	2	M	M	MG	SF	R	16-18	2	2	3	3	3	2	3	1	1	1	3	2



GT



3122 E-Z



GTA



5222 E-Z



3220 E-Z

NEW	BRAND	VALUE ADDED TRAITS	MATURITY INFO			AGRONOMIC & PLANT CHARACTERISTICS										GRAIN & EAR CHARACTERISTICS					DISEASE RATINGS				PRODUCT POSITIONING								
			GRAIN RM	GDU - BLACK LAYER	GDU - MID SILK	FLOWERING FOR MATURITY	PLANTING RATE 1000'S	EMERGENCE	SEEDLING VIGOR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	GREENSNAP	STAYGREEN	FALL APPEARANCE	PLANT HEIGHT	EAR HEIGHT	EAR LENGTH	EAR FLEX	COB COLOR	KERNEL ROWS	TEST WEIGHT	DRYDOWN	NORTHERN LEAF BLIGHT	GRAY LEAF SPOT	GOSS' WILT	ANTHRACNOSE STALK ROT	TAR SPOT	HIGH YIELD - IRR. ENVIRONMENTS	VARIABLE YIELD ENVIRONMENTS	LOW YIELD - STRESS ENVIRONMENTS	CORN FOLLOWING CORN	FUNGICIDE RESPONSE
	LC-3537	3220 E-Z, 5222 E-Z	95	2388	1255	3	28-36	2	2	4	3	3	3	3	3	MT	MH	MG	F	R	18-20	3	2	3	NA	1	4	NA	1	1	3	2	1
	LC-3547	CONV	95	2380	1235	2	28-36	2	3	2	2	2	2	2	MT	M	ML	SF	R	16-18	3	3	3	2	1	3	NA	1	1	1	3	2	
	LC-3617	VT2P RIB, SSX RIB	96	2390	1265	3	32-38	2	2	2	2	3	2	3	2	MT	M	MG	SF	R	16-18	1	2	3	3	3	2	NA	1	1	4	1	2
	LC-3712	RR2, VT2P RIB	96	2400	1257	3	30-36	2	2	1	1	1	2	3	2	M	M	ML	SF	R	16-18	3	2	2	3	2	3	3	3	1	1	2	3
	LC-3718	DGVT2P RIB	98	2412	1267	4	30-38	2	2	2	2	2	3	3	2	MT	M	MG	SF	P	16-18	3	2	3	3	3	3	3	1	1	3	4	2
NEW	LC484-20	VT2P RIB, SSX RIB	98	2400	1260	3	28-36	2	2	2	2	2	2	2	2	MT	M	LG	FL	R	16-18	2	2	2	2	3	2	3	1	1	1	2	2
	LC-3816	CONV, DGVT2P RIB	99	2402	1276	4	30-38	2	2	2	1	1	2	3	1	M	ML	MG	SF	R	16-18	3	3	3	3	2	3	2	1	1	1	2	2
	LC-3916	SSX RIB	99	2450	1241	3	32-38	3	2	2	1	3	2	2	2	T	MH	MG	SF	R	16-18	2	2	2	3	2	3	2	2	1	4	3	2
	LC-3948	RR2	99	2490	1235	3	30-38	2	2	3	2	3	2	2	2	MT	MH	G	SF	R	18-20	3	3	2	2	1	3	NA	1	1	2	2	3
	LC-4118	VT2P RIB, SSX RIB	99	2475	1257	2	30-38	2	3	2	2	2	1	3	2	T	M	MG	SF	R	16-18	2	2	3	3	3	2	3	1	1	3	2	2
	LC-4148	CONV	100	2530	1240	3	28-34	3	3	2	3	3	2	2	2	MT	M	ML	SF	R	16	2	4	3	3	2	3	NA	1	1	2	3	2
	LC-4248	CONV, VT2P RIB, SSX RIB	100	2510	1260	3	28-36	2	3	2	2	3	2	3	3	M	M	MG	SF	R	18-20	3	3	3	3	3	2	3	1	1	2	3	1
	LC-4315	VT2P RIB, SSX RIB	100	2489	1220	3	32-38	3	3	1	2	2	2	3	2	M	M	G	SF	R	16-18	3	3	3	3	2	3	2	1	1	1	2	2
	LC-4317	VT2P RIB	100	2495	1228	3	32-38	2	3	2	2	2	2	3	2	M	M	G	SF	R	16-18	1	3	2	3	3	3	2	1	1	1	1	2
	LC-4433	CONV, GTA, 3122 E-Z	100	2476	1212	3	28-34	3	2	3	2	1	2	2	2	MT	MH	ML	SF	P	14-16	2	3	3	3	2	3	NA	3	1	1	2	2



3110A



VT2P RIB



RR2



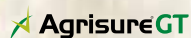
SSX RIB



DGVT2P RIB

CORN CHARACTERISTICS

NEW	BRAND	VALUE ADDED TRAITS	MATURITY INFO			AGRONOMIC & PLANT CHARACTERISTICS										GRAIN & EAR CHARACTERISTICS					DISEASE RATINGS					PRODUCT POSITIONING							
			GRAIN RM	GDU - BLACK LAYER	GDU - MID SILK	FLOWERING FOR MATURITY	PLANTING RATE 1000'S	EMERGENCE	SEEDLING VIGOR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	GREENSNAP	STAYGREEN	FALL APPEARANCE	PLANT HEIGHT	EAR HEIGHT	EAR LENGTH	EAR FLEX	COB COLOR	KERNEL ROWS	TEST WEIGHT	DRYDOWN	NORTHERN LEAF BLIGHT	GRAY LEAF SPOT	GOSS' WILT	ANTHRACNOSE STALK ROT	TAR SPOT	HIGH YIELD - IRR: ENVIRONMENTS	VARIABLE YIELD ENVIRONMENTS	LOW YIELD - STRESS ENVIRONMENTS	CORN FOLLOWING CORN	FUNGICIDE RESPONSE
	LC-4424	SSX RIB	100	2495	1266	3	28-36	2	2	2	2	3	3	2	2	MT	M	ML	SF	R	14-16	3	2	2	2	2	2	NA	2	1	3	1	2
	LC-4445	DGVT2P RIB	102	2540	1270	4	28-36	3	2	2	2	2	2	2	M	M	ML	SF	R	16-18	3	2	2	2	3	2	NA	3	1	1	2	2	
	LC-4714	SSX RIB	102	2525	1275	2	32-38	3	2	1	2	2	2	2	M	M	MG	SF	P	16-18	2	2	3	3	4	4	NA	2	1	4	2	1	
	LC-5217	CONV, RR2, VT2P RIB, SSX RIB	103	2575	1307	3	30-38	2	2	2	2	3	2	2	1	MT	M	ML	SF	R	14-16	2	3	3	3	2	3	3	1	1	3	2	2
	LC-5319	SSX RIB	103	2574	1356	3	30-36	2	2	2	2	2	3	3	3	M	M	MG	SF	R	16-18	2	3	3	3	3	3	4	1	1	1	2	1
NEW	LC533-20	5222 E-Z	103	2550	1340	3	26-38	2	2	2	2	2	2	2	T	MH	ML	SF	P	16-18	2	2	3	4	2	3	NA	1	1	1	1	2	
NEW	LC535-20	GT	103	2561	1333	3	26-34	3	2	2	3	3	4	3	3	MT	M	G	FL	P	18-22	3	2	3	4	2	3	4	1	1	3	4	1
	LC-5350	3122 E-Z	104	2560	1335	3	26-34	4	2	3	2	1	2	2	T	MH	ML	FL	P	14-16	4	2	3	3	1	2	NA	3	1	1	1	2	
	LC-5416	SSX RIB	104	2582	1335	4	30-36	3	3	3	3	3	3	3	4	T	MH	MG	SF	R	16-18	1	3	2	3	3	3	3	1	1	4	2	1
	LC-5438	CONV, 3122 E-Z	104	2570	1340	3	26-34	3	3	3	3	2	3	3	3	T	MH	ML	FL	P	14-16	3	3	3	3	1	3	NA	1	1	2	2	2
NEW	LC551-20	SSX RIB	105	2632	1336	4	26-34	1	1	2	2	2	2	2	M	M	ML	SF	R	16-18	3	1	3	3	1	2	3	1	1	1	1	2	
	LC-5516	CONV	105	2640	1321	3	32-38	2	2	1	2	3	2	2	2	T	M	MG	SF	R	16-18	2	3	3	3	3	3	3	1	1	3	2	1
	LC-6047	CONV, SSX RIB	105	2645	1280	2	30-38	3	3	2	2	2	2	2	3	MT	M	G	SF	R	16-18	3	1	2	2	2	2	3	1	1	2	2	2
NEW	LC-5819	SSX RIB	107	2679	1334	2	30-36	2	3	2	2	2	1	2	2	M	M	ML	SF	R	14-16	1	2	3	3	1	3	3	1	1	1	1	3
	LC-6747	CONV	108	2700	1325	1	32-38	1	1	1	1	2	2	1	1	MT	MH	G	SF	R	18-20	3	4	1	2	1	2	2	1	1	2	2	3



GT



3122 E-Z



GTA



5222 E-Z



3220 E-Z



NEW	BRAND	VALUE ADDED TRAITS	MATURITY INFO			AGRONOMIC & PLANT CHARACTERISTICS										GRAIN & EAR CHARACTERISTICS					DISEASE RATINGS				PRODUCT POSITIONING								
			GRAIN RM	GDU - BLACK LAYER	GDU - MID SILK	FLOWERING FOR MATURITY	PLANTING RATE 1000'S	EMERGENCE	SEEDLING VIGOR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	GREENSNAP	STAYGREEN	FALL APPEARANCE	PLANT HEIGHT	EAR HEIGHT	EAR LENGTH	EAR FLEX	COB COLOR	KERNEL ROWS	TEST WEIGHT	DRYDOWN	NORTHERN LEAF BLIGHT	GRAY LEAF SPOT	GOSS' WILT	ANTHRACNOSE STALK ROT	TAR SPOT	HIGH YIELD - IRR. ENVIRONMENTS	VARIABLE YIELD ENVIRONMENTS	LOW YIELD - STRESS ENVIRONMENTS	CORN FOLLOWING CORN	FUNGICIDE RESPONSE
	LC-6827	SSX RIB	108	2690	1333	3	32-38	3	2	2	1	3	2	2	2	MT	M	ML	SF	R	14-16	3	4	2	2	3	2	2	1	1	4	2	2
	LC-6918	SSX RIB	109	2713	1342	3	30-38	1	1	1	2	3	1	3	2	M	M	M	SF	R	14-16	2	2	2	3	3	1	3	1	1	4	1	1
	LC-6947	RR2	109	2740	1347	3	26-36	1	2	2	3	3	2	2	2	MT	MH	M	SF	R	16-18	3	3	3	2	2	1	NA	1	1	1	3	2
	LC-7236	CONV, 5222 E-Z	112	2756	1352	3	28-38	2	2	2	2	2	2	2	2	MT	MH	ML	SF	W	14-16	2	3	2	3	2	2	NA	1	1	1	2	1
NEW	LC634-20	CONV, SSX RIB	113	2790	1355	3	32-38	2	3	2	2	2	2	2	2	MT	M	MG	SF	R	16	2	2	2	2	3	2	2	1	1	1	1	2



**RATING KEY**

**Ratings:** 1 = Excellent | 2 = Very Good | 3 = Good/Average | 4 = Fair | 5 = Poor | NA = Not Available or Non Applicable

**Yield Environments:** 1 = Highly Recommended | 2 = Recommended | 3 = Acceptable | 4 = Use Caution | 5 = Not Recommended

**Flowering for Maturity:** 1 = Very Early | 2 = Early | 3 = Medium | 4 = Med-Late | 5 = Late

**Plant Height:** MS = Medium-Short | M = Medium | MT = Medium-Tall | T = Tall | S = Short

**Ear Length:** G = Girthy | M = Medium | MG = Medium-Girthy | MS = Medium-Slender | ML = Medium-Long | L = Long

**Cob Color:** R = Red | W = White | P = Pink

**Ear Height:** L = Low | ML = Medium-Low | M = Medium | MH = Medium-High | H = High

**Ear Flex:** F = Fixed | SF = Semi-Flex | FL = Flex | SD = Semi-Determinate

**Value Added Traits:** CONV = Conventional | RR2 = Roundup Ready® Corn 2 | VT2P RIB = VT Double PRO® RIB Complete® Corn Blend

SSX RIB = SmartStax® RIB Complete® Corn Blend 3220 E-Z = Agrisure Viptera® 3220 E-Z Refuge® | DGVT2P RIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend

5222 E-Z = Agrisure Duracade® 5222 E-Z Refuge® GT = Agrisure® GT | 3122 E-Z = Agrisure® 3122 E-Z Refuge® | GTA = Agrisure Artesian® GTA | 3110A = Agrisure Viptera® 3110A



3110A



VT2P RIB



RR2



SSX RIB



DGVT2P RIB

## RATION CHOICE™ CORN SILAGE SYSTEM

At Legacy Seeds we believe in offering choices to corn silage and dairy producers that meet the needs of their dairy or livestock operation. Our **RATION CHOICE™ CORN SILAGE SYSTEM** allows you, as the producer, to choose which silage system works best for your farm. Our corn silage product portfolio gives you the opportunity to choose from our **Ration Choice™ Flexible Acre (RCFA)** hybrids, **Ration Choice™ HD®(RCHD)** hybrids and our **Ration Choice™ HD® Plus (RCHD+)** hybrids.

## RATION CHOICE™ FLEXIBLE ACRE (RCFA) HYBRIDS

**RCFA** corn silage hybrids offer many benefits to the corn silage producer. If you need to have more acre flexibility at harvest time, **RCFA** hybrids can be the right choice. **RCFA** hybrids have been tested and will consist of proven genetics with strong agronomics, high starch content and high forage yields. **RCFA** hybrids usually work best in **50:50 corn silage / alfalfa** rations and where alfalfa is **greater than 60% of the forage diet for dairy cattle**.

## RATION CHOICE™ HD® (RCHD) HYBRIDS

**RCHD** corn silage hybrids offer more digestible tonnage per acre than typical dual-purpose hybrids. **RCHD** hybrids are bred specifically for corn silage and high moisture shelled corn production. There are many benefits to using **RCHD** silage hybrids: **improved dry matter intake, high fiber and starch digestibility, improved herd health, improved milk components, high forage yields and ration flexibility**. **RCHD** hybrids are 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**.



## RATION CHOICE™ HD® PLUS (RCHD+) HYBRIDS

**RCHD+** corn silage hybrids offer some of the same qualities as our **RCHD** hybrids from tonnage to fiber digestibility. **RCHD+** hybrids are bred for corn silage and high moisture corn specifically. **RCHD+** hybrids promote **improved dry matter intake, high fiber and starch digestibility, improved herd health, improved milk components, high forage yields and ration flexibility**. **RCHD+** hybrids will produce ears and kernels that will boost starch digestibility which translates into more milk. **RCHD+** hybrids are also 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**.



Please refer to our corn silage chart to choose the right Ration Choice™ Corn Silage System and hybrids that best fit your operation.

**PAGES 19-21**

## LC416-20

91 RM

### OPTIONS: CONV, RR2

- » Taller hybrid that offers outstanding tonnage in high to variable yield environments
- » White cob hybrid with very good starch content and excellent starch digestibility
- » Long flexing ears with a softer kernel texture for quicker starch utilization
- » Strong agronomics and plant health for a slower drydown at harvest time
- » Ration Choice™ Highly Digestible® Plus Hybrid - RCHD+

RationChoice™  
SILAGE HYBRID

Legacy Seeds  
HD+™

NEW!

## LC-3469

94 RM

### OPTIONS: SSX RIB

- » 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
- » Ration Choice™ Highly Digestible® Hybrid - RCHD

RationChoice™  
SILAGE HYBRID

Legacy Seeds  
HD™

NEW!

## LC-3567

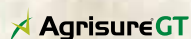
95 RM

### OPTIONS: CONV, RR2

- » High tonnage 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 high, variable and lower yield environments
- » Ration Choice™ Highly Digestible® Plus Hybrid - RCHD+

RationChoice™  
SILAGE HYBRID

Legacy Seeds  
HD+™



GT



3000GT



3122 E-Z



GTA



5222 E-Z







3220 E-Z

**LCO-3567** 95 RM

**OPTIONS: CONV ORGANIC**


- » Same characteristics as LC-3567 but is certified organic through MOSA
- » High tonnage hybrid with exceptional agronomics
- » White cob hybrid with large flexing ears
- » Soft kernels for excellent starch digestibility that will put milk in the tank
- » Ration Choice™ Highly Digestible® Plus Hybrid - RCHD+

**LC-3667** 95 RM

**OPTIONS: SSX RIB**



- » High tonnage hybrid with lots of leaf mass
- » High starch content with softer kernels and very good starch digestibility
- » Very good feed quality
- » Strong agronomics with yield environment adaptability
- » Ration Choice™ Highly Digestible® Hybrid - RCHD

**LC-3961** 96 RM

**OPTIONS: CONV, RR2**





- » High yielding, tall hybrid that has a high grain content
- » 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 and handles variable soil types
- » Ration Choice™ Highly Digestible® Plus Hybrid - RCHD+

**LCO-3961** 96 RM

**OPTIONS: CONV ORGANIC**



- » Same characteristics as LC-3961 but is certified organic through MOSA
- » High yielding, tall hybrid that has a high grain content and excellent starch digestibility
- » White cob hybrid with large flexing ear with slow drying, soft kernels for a longer harvest
- » A star silage performer that puts milk in the tank
- » Ration Choice™ Highly Digestible® Plus Hybrid - RCHD+

**LC-4545** 100 RM

**OPTIONS: RR2**



- » White cob 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
- » Ration Choice™ Highly Digestible® Hybrid - RCHD

**LC-4567** 100 RM

**OPTIONS: CONV, RR2**

- » High tonnage hybrid with a lot of leaf mass
- » Red cob hybrid with soft kernel texture for excellent early starch digestibility in the rumen
- » Exceptional feed quality and fiber digestibility for improved intake
- » Strong agronomics for yield environment adaptability
- » Ration Choice™ Highly Digestible® Plus Hybrid - RCHD+

**LCO-4567** 100 RM

**OPTIONS: CONV ORGANIC**



- » Same characteristics as LC-4567 but is certified organic through MOSA
- » High tonnage hybrid with strong agronomics
- » Red cob hybrid with soft kernel texture for excellent early starch digestibility in the rumen
- » Exceptional feed quality and fiber digestibility for improved intake
- » Ration Choice™ Highly Digestible® Plus Hybrid - RCHD+

**LC-4665** 101 RM

**OPTIONS: SSX RIB**



- » High total plant yield
- » White cob hybrid with a very high grain content with moderately soft kernels
- » High tonnage per acre
- » Very good NDFd numbers
- » Ration Choice™ Highly Digestible® Hybrid - RCHD

**LC-5262** 105 RM

**OPTIONS: CONV, RR2**

- » Very healthy, silage hybrid with massive leaves and a very high grain content
- » Pinkish cob variety with very large showy ears and soft kernels for early digestion
- » Has a slower rate of dry down which extends the harvest period
- » Top notch yield and silage quality that will put milk in the bulk tank
- » Ration Choice™ Highly Digestible® Plus Hybrid - RCHD+

### LCO-5262

105 RM

**OPTIONS: CONV ORGANIC**

- » Same characteristics as LC-5262 but is certified organic through MOSA
- » Very healthy, silage hybrid with massive leaves and a very high grain content
- » Pinkish cob variety with very large showy ears and soft kernels for early digestion
- » Top notch yield and silage quality that will put milk in the bulk tank
- » Ration Choice™ Highly Digestible® Plus Hybrid - RCHD+



### LC-5467

104 RM

**OPTIONS: RR2**

- » Exceptional high tonnage 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
- » Ration Choice™ Highly Digestible® Hybrid - RCHD



### LC-6467

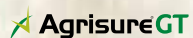
108 RM

**OPTIONS: SSX RIB**

- » Big total plant yields come from this hybrid
- » Larger flexing ears with a high starch content and softer kernels
- » Very good feed quality and fiber digestibility
- » Strong agronomics and plant health for a longer harvest window
- » Ration Choice™ Highly Digestible® Hybrid - RCHD



NEW	BRAND	VALUE ADDED TRAITS	SILAGE RM	RATION CHOICE™ SILAGE SYSTEM			SILAGE QUALITY & FORAGE CHARACTERISTICS							AGRONOMIC CHARACTERISTICS					PRODUCT POSITIONING					
				RCFA HYBRID	RCHD HYBRID	RCHD+ HYBRID	COB COLOR	EAR TYPE	PLANT HEIGHT	KERNEL TEXTURE	TONNAGE POTENTIAL	NDFD 30 HOUR	STARCH CONTENT	STARCH DIGESTIBILITY	SEEDLING VIGOR	STAYGREEN	STALK RATING	ROOT RATING	DROUGHT TOLERANCE	PLANTING RATE 1000'S	FUNGICIDE RESPONSE	HIGH YIELD ENVIRONMENT	VARIABLE YIELD ENVIRONMENT	LOWER YIELD ENVIRONMENT
	LC-2546	CONV, RR2	79	X			P	SF	MT	MH	3	3	2	4	2	3	3	2	2	28-36	2	3	1	1
	LC-2735	CONV, GTA	81	X			R	SF	MT	MH	3	3	2	4	2	3	2	2	2	28-34	2	2	1	1
	LC-2847	VT2P RIB	82	X			R	SF	MT	M	1	2	2	2	1	3	2	3	2	28-36	2	1	1	1
	LC-2924	RR2	84	X			P	SF	MT	M	3	3	2	3	1	3	2	2	2	32-38	2	1	2	4
	LC-3017	CONV, RR2, VT2P RIB	85	X			R	SF	M	M	2	2	1	3	1	2	2	1	2	30-38	3	1	1	1
<b>NEW</b>	LC413-20	CONV, 3110A	86	X			R	SF	MT	M	1	2	2	3	1	2	2	3	2	28-36	2	1	1	2
<b>NEW</b>	LC416-20	CONV, RR2	91		X		W	FL	MT	S	2	1	2	1	2	3	2	1	2	24-30	2	1	1	1
	LC-3043	CONV, RR2	88	X			R	SF	MT	M	2	2	3	2	2	3	2	2	2	28-36	2	2	1	1
	LC-3115	RR2, VT2P RIB, SSX RIB	87	X			R	SF	MT	M	2	2	2	3	3	3	2	2	3	28-36	2	1	1	3
	LC-3438	CONV	89	X			R	SF	MT	M	3	2	3	3	3	3	2	2	1	24-36	2	2	1	1



GT



3000GT



3122 E-Z



GTA



5222 E-Z



3220 E-Z

NEW	BRAND	VALUE ADDED TRAITS	SILAGE RM	RATION CHOICE™ SILAGE SYSTEM			SILAGE QUALITY & FORAGE CHARACTERISTICS							AGRONOMIC CHARACTERISTICS					PRODUCT POSITIONING					
				RCFA HYBRID	RCHD HYBRID	RCHD+ HYBRID	COB COLOR	EAR TYPE	PLANT HEIGHT	KERNEL TEXTURE	TONNAGE POTENTIAL	NDFD 30 HOUR	STARCH CONTENT	STARCH DIGESTIBILITY	SEEDLING VIGOR	STAYGREEN	STALK RATING	ROOT RATING	DROUGHT TOLERANCE	PLANTING RATE 1000'S	FUNGICIDE RESPONSE	HIGH YIELD ENVIRONMENT	VARIABLE YIELD ENVIRONMENT	LOWER YIELD ENVIRONMENT
NEW	LC-3469	SSX RIB	94		X		R	FL	MT	MS	2	2	2	2	2	2	2	2	2	24-30	2	1	1	2
	LC-3517	VT2P RIB	91	X			R	SF	M	M	1	3	1	3	1	3	2	1	2	30-38	3	1	1	1
	LC-3537	3220 E-Z, 5222 E-Z	90	X			R	F	MT	M	2	2	2	3	2	3	3	4	3	28-36	1	1	1	3
	LC-3547	CONV	91	X			R	SF	MT	M	1	2	2	2	3	2	2	2	2	28-36	2	1	1	1
	LC-3567	CONV, RR2	95			X	W	FL	MT	S	2	1	2	1	3	2	3	2	2	24-30	2	1	1	1
NEW	LCO-3567	CONVENTIONAL ORGANIC	95			X	W	FL	MT	S	2	1	2	1	3	2	3	2	2	24-30	2	1	1	1
	LC-3667	SSX RIB	95		X		R	FL	T	MS	2	2	2	2	2	1	1	1	2	24-30	2	1	1	3
	LC-3718	DGVT2P RIB	93	X			P	SF	MT	MH	2	2	2	3	2	3	2	2	2	30-38	2	1	1	3
NEW	LC484-20	VT2P RIB, SSX RIB	93	X			R	FL	MT	M	1	2	1	2	2	2	2	2	2	28-36	2	1	1	1
	LC-3916	SSX RIB	94	X			R	SF	T	MH	2	3	2	3	2	2	1	2	3	32-38	2	1	1	4
	LC-3961	CONV, RR2	96			X	W	FL	VT	S	1	1	3	1	2	2	3	3	2	24-30	2	1	1	1
NEW	LCO-3961	CONVENTIONAL ORGANIC	96			X	W	FL	VT	S	1	1	3	1	2	2	3	3	2	24-30	2	1	1	1
	LC-4118	VT2P RIB, SSX RIB	94	X			R	SF	T	MH	2	2	2	3	3	3	2	2	2	30-38	2	1	1	3
	LC-4433	CONV, GTA, 3122 E-Z	96	X			P	SF	MT	M	3	2	2	2	2	2	2	3	1	28-34	2	3	1	1
	LC-4545	RR2	100			X	W	FL	VT	MS	1	2	3	2	2	2	3	2	2	24-30	2	1	1	1
	LC-4567	CONV, RR2	100			X	R	FL	MT	S	1	1	2	1	2	2	3	2	2	24-30	2	1	1	2
NEW	LCO-4567	CONVENTIONAL ORGANIC	100			X	R	FL	MT	S	1	1	2	1	2	2	3	2	2	24-30	2	1	1	2
	LC-4665	SSX RIB	101		X		W	FL	T	MS	1	1	3	2	3	2	3	3	2	24-30	2	1	1	2
	LC-5217	CONV, RR2, VT2P RIB, SSX RIB	98	X			R	SF	MT	MH	1	2	1	3	2	2	2	2	3	30-38	2	1	1	3
	LC-5262	CONV, RR2	105			X	P	FL	MT	S	2	2	2	1	3	2	2	2	2	24-30	2	1	1	1
NEW	LCO-5262	CONVENTIONAL ORGANIC	105			X	P	FL	MT	S	2	2	2	1	3	2	2	2	2	24-30	2	1	1	1



3110A



VT2P RIB



RR2



SSX RIB



DGVT2P RIB

SILAGE CHARACTERISTICS

NEW	BRAND	VALUE ADDED TRAITS	SILAGE RM	RATION CHOICE™ SILAGE SYSTEM			SILAGE QUALITY & FORAGE CHARACTERISTICS							AGRONOMIC CHARACTERISTICS					PRODUCT POSITIONING							
				RCFA HYBRID	RCHD HYBRID	RCHD+ HYBRID	COB COLOR	EAR TYPE	PLANT HEIGHT	KERNEL TEXTURE	TONNAGE POTENTIAL	NDFD 30 HOUR	STARCH CONTENT	STARCH DIGESTIBILITY	SEEDLING VIGOR	STAYGREEN	STALK RATING	ROOT RATING	DROUGHT TOLERANCE	PLANTING RATE 1000'S	FUNGICIDE RESPONSE	HIGH YIELD ENVIRONMENT	VARIABLE YIELD ENVIRONMENT	LOWER YIELD ENVIRONMENT		
NEW	LC533-20	5222 E-Z	98	X			P	SF	T	MH	2	3	2	3	2	2	2	2	2	2	2	26-38	2	1	1	1
NEW	LC535-20	GT	98	X			P	FL	MT	M	2	2	2	2	4	3	3	2	3	3	26-34	1	1	1	3	
	LC-5350	3122 E-Z	99	X			P	FL	T	M	2	1	2	2	2	2	2	3	1	3	26-34	2	3	1	1	
	LC-5438	CONV, 3122 E-Z	99	X			P	FL	T	MH	2	2	1	2	3	3	3	3	2	3	26-34	3	1	1	2	
	LC-5467	RR2	104		X		W	FL	VT	MS	2	2	4	2	3	3	2	2	2	2	24-30	2	3	1	1	
	LC-5516	CONV	99	X			R	SF	T	M	2	2	2	3	2	2	2	1	3	3	32-38	1	1	1	3	
	LC-6047	CONV, SSX RIB	100	X			R	SF	MT	M	2	2	2	3	3	2	2	2	2	2	30-38	2	1	1	2	
	LC-6467	SSX RIB	108		X		P	SF	T	MS	2	2	2	2	2	2	2	2	2	2	24-30	2	1	1	2	
	LC-6747	CONV	103	X			R	SF	MT	M	2	2	2	3	1	1	2	1	2	3	32-38	3	1	1	2	
	LC-6947	RR2	104	X			R	SF	MT	M	2	2	2	3	2	2	3	2	3	3	26-36	2	1	1	1	
	LC-7236	CONV, 3000GT, 5222 E-Z	107	X			W	SF	MT	M	2	2	2	2	2	2	2	2	2	2	28-38	1	1	1	1	
NEW	LC634-20	CONV, SSX RIB	108	X			R	SF	MT	M	1	2	1	2	3	2	2	2	2	2	32-38	2	1	1	1	

**RATING KEY**

**Ratings:** 1 = Excellent | 2 = Very Good | 3 = Good | 4 = Fair | 5 = Poor | NA = Not Available

**Ration Choice™ Silage System:** RCFA = Ration Choice™ Flexible Acre Hybrid | RCHD = Ration Choice™ Highly Digestible Hybrid | RCHD+ = Ration Choice™ Highly Digestible Plus Hybrid

**Yield Environments:** 1 = Highly Recommended | 2 = Recommended | 3 = Acceptable | 4 = Use Caution | 5 = Not Recommended

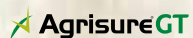
**Fungicide Response:** 1 = High | 2 = Moderately High | 3 = Moderate | 4 = Fair | 5 = Little or No Response

**Kernel Texture:** M = Medium | MH = Medium-Hard | S = Soft | MS = Medium-Soft

**Plant Height:** M = Medium | MT = Medium-Tall | T = Tall | VT = Very Tall

**Ear Type:** FL = Flex | SF = Semi-Flex | F = Fixed

**Cob Color:** R = Red | P = Pink | W = White



GT

3000GT

3122 E-Z

GTA

5222 E-Z

3220 E-Z



# Think Before You Bin Run

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

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

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

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

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

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

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

## High Value of New Branded Seed

### LATEST TECHNOLOGY

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

### CUSTOMER SERVICE

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

### RELIABLE GERMINATION AND QUALITY

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

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

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

For more information about seed innovation and intellectual property protection, please visit [www.seedipalliance.com](http://www.seedipalliance.com).

\*\*Monsanto is a member of the Bayer Group.

**Monsanto Company is a member of Excellence Through Stewardship® (ETS).** Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.** It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans.

**Roundup Ready technology** contains genes that confer tolerance to glyphosate, an active ingredient in **Roundup® brand agricultural herbicides**. **Roundup Ready® 2 Technology** contains genes that confer tolerance to glyphosate. **Roundup Ready 2 Xtend® soybeans** contain genes that confer tolerance to glyphosate and dicamba. **Glyphosate** will kill crops that are not tolerant to glyphosate. **Dicamba** will kill crops that are not tolerant to dicamba. Contact your seed brand dealer or refer to the Monsanto Technology Use Guide for recommended weed control programs.

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

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

COMMITMENT. INNOVATION. PERFORMANCE.



**Roundup Ready 2 Xtend® Soybeans** are built on the high yielding Roundup Ready 2 Yield® soybean technology. Roundup Ready 2 Xtend® is the industry's first biotech-stacked soybean trait with both dicamba and glyphosate herbicide tolerance. With tolerance to glyphosate and dicamba, farmers will have access to additional tools to help control glyphosate-resistant broadleaf weeds such as Palmer amaranth, waterhemp and marestail, along with other tough-to-control broadleaf weeds such as lambsquarters and velvetleaf. The technology offers the yield and quality potential that farmers already know and trust from their Roundup Ready 2 Yield® soybeans.



**Roundup Ready 2 Yield® soybeans** have demonstrated a clear yield advantage: They yield an average 4.5 Bu/A advantage over original Roundup Ready soybeans. Studies show that Roundup Ready 2 Yield soybeans develop greater root biomass, more nodes on the main stem and larger shoot biomass than original Roundup Ready® soybean products.



**Enlist E3® soybeans** provide tolerance to new 2,4-D choline, glyphosate and glufosinate.™ Trademarks of Dow AgroSciences or DuPont, and their affiliated companies or their respective owners. Enlist E3 soybeans were jointly developed by Dow AgroSciences and M.S. Technologies, L.L.C.

**NOTES**

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**LS-00639 RR2X 00.6 RM**

- » Awesome on white mold, very good IDC, excellent stem strength, this soybean has it all!
- » Top-notch emergence and standability
- » Handles stress environments
- » Performance history shows this the top soybean for 00.8 maturity and earlier

**LS-00930 RR2X 00.9 RM**

- » Impressive top-end yield potential
- » Good lateral branching with lots of pods
- » Adaptable to all soil types and row widths
- » Strong field tolerance to phytophthora root rot

**LS-0135 RR2 00.9 RM**

- » Strong yield performance across all of Minnesota and North Dakota
- » Tried and true favorite among farmers planting RR2 soybeans
- » Long lateral branching will allow for planting in variable row widths
- » Moves south of its maturity zone well
- » Very good choice for drought stress soils

**LS-0239 RR2X 0.2 RM**

- » Whoa! Explosive yields from all corners of the region!
- » Past two seasons, farmers who planted it were thrilled with performance
- » Very strong defense and drought tolerance
- » Medium height makes it well suited for high yield environments
- » Good plant size with some width and branching

**LS-0337 RR2X 0.3 RM**

- » Solid fit for farmers needing RR2X + SCN + good white mold
- » Rps3a for phytophthora
- » Stands great, very branchy, compact plant type
- » Withstands white mold prone environments well
- » Versatile soybean for all but highest IDC soil types

**LS-0429 E3 0.4 RM**

- » The most defensive soybean in the early lineup
- » Rugged soybean performs better than most in the toughest soils
- » Strong emergence for reduced tillage and early planting
- » Fits variable to very good soil types
- » Best suited for IDC soils



RR2X



RR2Y



E3



### LS-0438 RR2X

0.4 RM

- » Solid, consistent performance history in North Dakota & Minnesota
- » Really turns on the bushels in high yield areas.
- » Carries strong lateral branches to work in wide or narrow rows
- » Excellent emergence and standability will bring in strong yields
- » Very good natural phytophthora tolerance

### LS-0638 RR2X

0.6 RM

- » Most defensive Roundup Ready 2 Xtend® Soybeans in Mid-Group 0
- » Excellent white mold tolerance
- » Strong natural phytophthora tolerance
- » Exceptional stress tolerance for good soil type adaptability
- » Defensive characteristics makes this variety almost unstoppable!

### LS-0738 RR2X

0.7 RM

- » Upper tier of yield trials in North Dakota, Minnesota, and Wisconsin
- » Excellent emergence and stress scores for all soil types
- » Very good white mold and brown stem rot tolerance
- » Excellent control of PRR with strong field tolerance
- » "Rock Solid" performance

### LS-0830 RR2X

0.8 RM

- » Excellent emerging variety for reduced tillage practices
- » Strong performance in North Dakota IDC areas plus will move east well
- » Good brown stem rot and white mold control
- » Excellent field tolerance to phytophthora root rot
- » Handles stress environments

### LS-0930 RR2X

0.9 RM

- » Excellent variety for heavy white mold and brown stem rot environments
- » Full of plant health, dark green color right up to maturity.
- » Excellent emergence scores for reduced tillage practices
- » Very good stress tolerant variety
- » "Rock Star" performance potential

### LS-1039 RR2Y

1.0 RM

- » Excellent white mold and brown stem rot control for an early bean
- » Hard to keep up with this variety for yield. Blows the competition away!
- » Medium plant height with dark green, large leaves
- » Excellent standing bean variety with strong IDC and SCN scores
- » Handles stress well and has multiple sources for PRR with very good field tolerance

### LS123-20 RR2X

1.2 RM

- » Excellent yield potential from east to west
- » Very solid agronomic package that allows for broad placement
- » Medium-tall variety with a bushier plant type for wider row adaptation
- » BSR and SCN resistance
- » Above average PRR package with average WM



### LS-1430 RR2X

1.4 RM

- » Dominating performance from east to west
- » Excellent stress variety
- » Strong white mold scores and resistance to brown stem rot
- » Very good SDS tolerance
- » Excellent emergence and standability characteristics

### LS-1630 RR2X

1.6 RM

- » Top-notch performance in plot and field trials
- » Exceptional emergence and standability scores
- » Very good white mold control with resistance to brown stem rot
- » Very good stress and SDS ratings
- » Clean, uniform look down the row



RR2X



RR2Y



E3

**LS-1838 RR2X**

1.8 RM

- » Strong, consistent yields from north to south and east to west
- » Broadly adapted variety that has the look
- » Multiple PRR gene expression with very good field tolerance
- » Excellent emergence for early planting, no-till and minimum tillage programs
- » Tremendous white mold tolerance with resistance to brown stem rot

**LS-2139 RR2X**

2.1 RM

- » High yield with un-matched defensive characteristics
- » Excellent control of white mold and resistance to brown stem rot
- » Multiple gene resistance to PRR with very good field tolerance
- » Excellent standability, emergence and stress tolerance
- » It has that look down the row with a lot of consistency

\*No dicamba may be used in-crop with seed in the Roundup Ready® Xtend Crop System, unless and until approved or specifically permitted by the U.S. EPA and the appropriate state agency for such use. As of July 7, 2020, no dicamba formulations are currently registered by the U.S. EPA for in-crop use with seed in the Roundup Ready® Xtend Crop System in the 2021 season. Current stocks of low-volatility dicamba herbicides XtendiMax® herbicide, Engenia® herbicide and Fexapan® herbicide previously approved for in-crop use with seed in the Roundup Ready® Xtend Crop System may not be used after July 31, 2020. Dicamba may harm crops that are not tolerant to dicamba. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicides products for in-crop use with seed in the Roundup Ready® Xtend Crop System.

**NOTICE: DO NOT APPLY ANY HERBICIDE TO SEED IN THE ROUNDUP READY® XTEND CROP SYSTEM UNLESS IT HAS A PRODUCT LABEL SPECIFICALLY AUTHORIZING THAT USE.** TO USE A HERBICIDE IN ANY MANNER INCONSISTENT WITH ITS LABELING IS A VIOLATION OF FEDERAL LAW. REFER TO THE BAYER TECHNOLOGY USE GUIDE FOR DETAILS AND RECOMMENDATIONS ON USING APPROVED ROUNDUP® BRANDED HERBICIDES ON SEED IN THE ROUNDUP READY® XTEND CROP SYSTEM.

# The Enlist™ System - Get Control of Tough Weeds



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

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



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



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

## On-Target Applications

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



NEW	BRAND	MATURITY	STANDABILITY	EMERGENCE	STRESS	PLANT TYPE	PLANT HEIGHT	WHITE MOLD	PRR FT	PRR GENE	IDC	BSR	SCN	SDS
	LS-00639 RR2X	00.6	EX	EX	EX	IT	MT	EX	EX	Rps 1k	VG	MR	VG	NA
	LS-00930 RR2X	00.9	VG	EX	VG	IB	M	VG	EX	Rps 3a	VG	S	S	NA
	LS-0135 RR2	00.9	EX	VG	VG	IB	MT	G	VG	Rps 1c	VG	MR	S	NA
	LS-0239 RR2X	0.2	VG	EX	EX	I	MT	VG	VG	Rps 1c	EX	G	VG	NA
	LS-0337 RR2X	0.3	EX	EX	EX	IB	M	VG	EX	Rps 3a	EX	MR	VG	NA
	LS-0429 E3	0.4	VG	EX	VG	IB	MT	G	G	NG	EX	S	S	NA
	LS-0438 RR2X	0.4	EX	EX	EX	MB	M	VG	EX	Rps 3a	VG	R	S	NA
	LS-0638 RR2X	0.6	EX	EX	EX	MB	M	EX	EX	Rps 1c	EX	R	VG	NA
	LS-0738 RR2X	0.7	VG	EX	EX	MB	M	VG	EX	Rps 3a	VG	MR	VG	NA
	LS-0830 RR2X	0.8	VG	VG	VG	IB	M	VG	VG	NG	EX	MR	VG	NA
	LS-0930 RR2X	0.9	EX	EX	VG	IB	M	VG	EX	NG	VG	R	VG	NA
	LS-1039 RR2Y	1.0	EX	EX	EX	IT	M	EX	VG	Rps 1k + 3a	VG	VG	R	G
<b>NEW</b>	LS123-20 RR2X	1.2	G	EX	VG	MB	MT	A	G	Rps 3a	G	R	R	F
	LS-1430N RR2X	1.4	VG	EX	EX	IB	MT	VG	G	Rps 1c	VG	R	VG	G
	LS-1630 RR2X	1.6	EX	EX	VG	IB	M	VG	G	Rps 1k	G	R	VG	VG
	LS-1838 RR2X	1.8	EX	EX	EX	IB	MT	EX	VG	Rps 3a + 1a	VG	R	VG	VG
	LS-2139 RR2X	2.1	EX	EX	EX	IT	MT	EX	VG	Rps 1a + 3a	VG	R	VG	VG

**RATING KEY**

**Ratings:** EX = Excellent | VG = Very Good | G = Good | S = Susceptible | MS = Moderate Susceptible | MR = Moderate Resistance | R = Resistant

A = Average | F = Fair | P = Poor | NA = Not Available | NG = No Gene

**Diseases:** PRR = Phytophthora Root Rot | PRR FT = Phytophthora Root Rot Field Tolerance | IDC = Iron Chlorosis | BSR = Brown Stem Rot

**SCN** = Soybean Cyst Nematode | **SDS** = Sudden Death Syndrome

**PLANT HEIGHT:** S = Short | MS = Medium Short | M = Medium | MT = Medium Tall | T = Tall

**PLANT TYPE:** IB = Intermediate Bushy | IT = Intermediate Thin | MB = Medium Bushy | B = Bushy | I = Intermediate



**LW-1155** Early to Medium Maturity

- » Yield, yield, yield!
- » Medium plant height
- » Very good winterhardiness
- » A tried-and-true performer
- » Very good Head Scab Resistance
- » Excellent standability
- » An awned (bearded) variety

**LW-1776** Medium Maturity

- » Awnless, medium maturing, medium height variety
- » Yield + SUPERIOR HEAD SCAB RESISTANCE!
- » Head Scab Resistance from the Fhb1 gene
- » Stripe Rust Resistant and very high tolerances to other foliar wheat diseases
- » High yielding especially east
- » Exceptional standability

**LW-1785** Early Maturity

- » Industry leading scab resistance
- » Will handle higher fertility rates
- » Medium stature with superior standability
- » Big, eye-catching, smooth heads
- » An awnless (beardless) variety
- » Recommended higher seeding rate

**LW-1911** Medium Maturity

- » New WORKHORSE wheat with high yield potential
- » Consistent across variable environments
- » Responds well to fungicide
- » Exceptional tillering
- » An awned (bearded) variety
- » Heavy Test Weight



**LW-2022** Medium Maturity

- » New awned (bearded) variety
- » Heavy Test Weight
- » Exceptional Disease Resistance from FHB1 Gene (lessens chance of vomitoxin)
- » Proven top end yield over many environments
- » Complete package, great grain and straw yields
- » Excels in all soil types



NOTES

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NEW	PRODUCT	MATURITY	HEAD TYPE	PLANT HEIGHT	TEST WEIGHT	STANDABILITY	WINTERHARDINESS	SOILBORNE MOSAIC	SEPTORIA LEAF BLIGHT	GLUME BLOTCH	POWDERY MILDEW	STEM RUST	LEAF RUST	SCAB
	LW-1155	Early to Medium Maturity	Awned	M	2.0	1.0	2.0	3.0	2.0	2.0	3.0	2.0	2.0	1.5
	LW-1776	Medium Maturity	Awnless	M	1.0	1.0	2.0	1.0	3.0	1.0	2.0	2.0	2.5	1.0
	LW-1785	Early Maturity	Awnless	M	2.0	1.0	1.0	1.0	2.0	1.0	2.0	1.0	1.0	1.0
NEW	LW-1911	Medium Maturity	Awned	M	2.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.5
NEW	LW-2022	Medium Maturity	Awned	MT	2.0	2.0	1.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0

RATING KEY

Wheat Rating Index: 1 = Best | 5 = Worst

Plant Height: M = Medium | MT = Medium-Tall

Wheat is available in 50 lb. bags or 2000 lb. totes. All Sales are Final - **No Returns on Wheat**

Sabrex™ is a registered trademark of Advanced Biological Marketing™



NOTICE TO BUYER: Required by licensing agreements by seed originators by contract, use or sale as seed of the product derived from the seed is prohibited. These varieties were developed with private research funds. Under contract the buyer of this product agrees not to alter genetically or use for breeding purpose unless written permission is granted by the owner. The unauthorized sale, delivery, transfer or offering of the variety is strictly prohibited.



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

**Monsanto Company is a member of Excellence Through Stewardship® (ETS).** Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

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

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

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

**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.

**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready®** technology contains 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.

**ALWAYS READ AND FOLLOW DIRECTIONS FOR USE ON PESTICIDE LABELING.** IT IS A VIOLATION OF FEDERAL AND STATE LAW to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans.

**Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate** will kill crops that are not tolerant to glyphosate. **Dicamba** will kill crops that are not tolerant to dicamba. Contact your seed brand dealer or refer to the Technology Use Guide for recommended weed control programs.

**Seed Piracy Statement**

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

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.

Forage Genetics International, LLC ("FGI") is a member of Excellence Through Stewardship® (ETS). FGI products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with FGI's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Roundup Ready® Alfalfa has pending import approvals. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Growers should refer to <http://www.biotradestatus.com/> for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

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

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

More information about Agrisure 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.

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

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

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

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

Dow AgroSciences is a member of Excellence Through Stewardship® (ETS). Dow AgroSciences products are commercialized in accordance with ETS product launch stewardship guidance and Dow AgroSciences Product Launch Stewardship Policy. No crop or material produced from this product can be exported to, used, processed or sold across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. For further information about your crop or grain marketing options, contact DAS at 877-4-Traits (877-487-2487). Information regarding the regulatory and market status of agricultural biotechnology products can be found at: [www.biotradestatus.com](http://www.biotradestatus.com).

The transgenic soybeans event in Enlist E3® soybeans is jointly developed and owned by Dow AgroSciences LLC and M.S. Technologies, L.L.C. ®™Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of The Dow Chemical Company ("Dow") or an affiliated company of Dow. Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship.

CruiserMaxx Vibrance Beans is an on-seed application of CruiserMaxx Vibrance alone or with Apron XL. Apron XL®, CruiserMaxx® and Vibrance® are registered trademarks of a Syngenta Group Company.

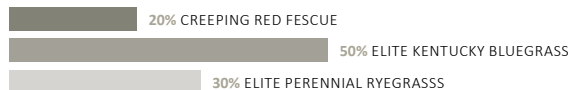
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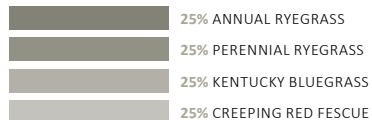
## LEGACY BRAND ELITE PARKS SUNNY TURF MIX

- Resistant to molds, rusts, summer, and brown patch
- Provides a quick, lush lawn that will be the envy of your neighbors
- Seeding Rate: 5—6 lbs./1000 sq. ft.



## LEGACY BRAND ALL-PURPOSE TURF MIX

- Terrific blend designed to perform well anywhere
- Tough and shade-tolerant for a lush, green lawn
- Seeding Rate: 5—6 lbs./1000 sq. ft.



## GALLANT MEDIUM RED CLOVER

### 3-Year Medium Red Clover

- Exceptional yields when compared to Arlington, Marathon and Duration Red Clover
- Superior disease resistance to Powdery Mildew and Northern/Southern Anthracnose
- Superior persistence
- Perfect for haying or grazing environments
- Pre-inoculated for great Rhizobium production
- Seeding Rates: 10—12 lbs./acre, 2—4 lbs./acre in mixes

## OTHER PRODUCTS

Legacy Seeds also offers other forage and turf products. Ask your salesperson about availability.

*The chart below includes many items that Legacy Seeds does not have available – it is mainly shown for agronomic purposes.*

## GRASS & LEGUME PLANTING GUIDE

GRASS/LEGUME	GERM.	ALONE	MIX	TIME OF SEEDING
ALFALFA	7	18-22	10-22	March-May / Aug 1-15
RED CLOVER	7	8-12	2-4	March / April / Aug
ALSIKE CLOVER	7	7-8	1-2	Feb-April
LADINO CLOVER	7	2-3	½-1 ½	March-May / Feb-April
WHT. DUTCH CLOVER	7	3-5	½-1 ½	1-3 April-June-Aug
SWEET CLOVER	7	12-15	2-6	March-April / Aug 1-15
HAIRY VETCH	14	50-60	—	March 20-April / Aug-Sep 10
BIRDSFOOT TREFOIL	12	10-12	4-6	April-May
TIMOTHY	10	8-12	2-4	March-April / Aug 15-Sep 1
ORCHARDGRASS	21	10-15	3-5	March-May-Aug
BROMEGRASS, SMOOTH	14	15-20	5-10	March-April 15 / Aug 15-Sep 1
BROME, MEADOW	10	15-20	10-5	March-April / Aug 15-Sep 1
RYEGRASS PERENNIAL	7	30-40	5-10	Feb-May / Aug 15-Sep 1
FESCUE, TALL	14	20-25	3-8	March-May / Aug-Sep
FESCUE, MEADOW	14	35-40	10-15	March-May / Aug-Sep
FESTULOLIUM	7	30-40	5-10	Feb-May / Aug 15-Sep 1
REED CANARYGRASS	21	8-12	6-8	March 1-April 1 / Aug
KENTUCKY BLUEGRASS	28	20-30	3-5	Feb-May / Aug 15-Sep 20
FIELD PEAS	10	60-100	50-70	March-April
OATS	7	70-100	50	March-April / Aug-Sep

GRASS/LEGUME	GERM.	ALONE	MIX	TIME OF SEEDING
SPRING BARLEY	7	100-120	60	March-April / Aug-Sep
TRITICALE	7	100-120	50-70	March-April / Aug-Sep
RYE, WINTER CEREAL	7	100-120	50-70	July-October
MILO SORGHUM	10	10-15	6-8	May 15-July
FORAGE SORGHUM	10	10-12	6-8	May 15-July
SUDANGRASS	10	30-50	—	May 15-July
SORGHUM-SUDAN	10	30-50	—	May 15-July
SORGHUM - FORAGE	10	6-15	—	May 15-July
PEARL MILLET	7	10-12	—	May 15-July
SWITCHGRASS	28	5-10	2-3	Late April-June 1
INDIANGRASS	28	7-10	3-5	May-June
BIG/LITTLE BLUESTEM	28	7-10	3-5	May-June
SIDEOATS GRAMA	14	15-25	3-5	May-June
BLUE GRAMA	14	8-12	3-5	May-June
BUFFALOGRASS	28	40-60	—	May-June
EASTERN GAMAGRASS	14	5-8	—	Nov-Dec
BUCKWHEAT	7	35-55	—	May-Aug 15
RAPE-DWARF ESSEX	7	8-12	2-4	April 1-Aug 15
CANOLA	7	6-8	—	March-April / Aug-Sep

\*Mixes may change without notice due to seed supply. All attempts will be made to keep formulas and agronomic performance as similar as possible.



290 Depot Street  
P.O. Box 68  
Scandinavia, WI 54977  
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**WWW.LEGACYSEEDS.COM**

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**NATIONAL SALES HEADQUARTERS**

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Scandinavia, WI 54977      866-791-6390 *toll free*

**WESTERN AREA SALES OFFICE**

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Waupaca, WI 54981

**OPERATIONS**

2818 Brandt Avenue  
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- THE AMERICAN SEED TRADE ASSOCIATION (ASTA)
- IDAHO EASTERN OREGON SEED ASSOCIATION (IEOSA)
- INDEPENDENT PROFESSIONAL SEED ASSOCIATION (IPSA)
- NATIONAL FEDERATION OF INDEPENDENT BUSINESSES
- PROFESSIONAL DAIRY PRODUCERS OF WISCONSIN (PDPW)
- THE WESTERN SEEDSMAN ASSOCIATION