



# **2024 PRODUCT GUIDE**

**MICHIGAN PROVEN. MICHIGAN GROWN.**



## MICHIGAN PROVEN. MICHIGAN GROWN.

Hello, and thank you for considering DF Seeds for the 2023–24 growing season. As the newest member of the team, I have greatly appreciated how welcoming and supportive everyone has been since I joined this outstanding company.

The most frequently asked question I have been given so far is, what is the future of DF Seeds? To answer that question, I must first reflect on the roots of our brand. John Diehl, the DF Seeds founder, laid the foundation of quality in every bag. Whether that was the appearance of the seed when you opened our bag or the competitive product performance of each variety in our product guide, John valued quality.

John believed in testing varieties against "the best of the best" to ensure high product performance. We continue that tradition annually in our experimental variety research and our commercial product trials. We want to bring the best data, with the most competitive challengers, to our farmers as they decide what to place on their farms.

DF Seeds' high level of quality is integral to our future. The strong roots of our brand, started by John and continued with Chris Varner, have positioned DF Seeds as a company that offers outstanding products, designed for Michigan farms and farmers. Our quality is illustrated in the local seed production, grown here in Michigan. Our quality is illustrated in our agronomic research, conducted here in Michigan. Our quality is illustrated in our seed processing and testing control measures, conducted here in Michigan. We are Michigan proven, Michigan grown.

Also, integral to our future is growth. We provide diverse solutions for Michigan farmers. We offer a complete line of alfalfa, corn, soybean, and wheat varieties. These products are all proven seed from Michigan, for Michigan. We offer every trait

package for corn. We offer the Enlist® soybean line and also have specialty soybean varieties, including non-GMO, identity preserved, clear hilum, and high protein options.

All four commodities are available for producers who operate an organically certified operation, either in transition or fully-transitioned. We work with multiple genetic suppliers and select varieties that are best suited for your unique Michigan climate, giving DF Seeds a competitive advantage over almost all other seed providers.

With all these solutions, we are positioned to provide the best seed for Michigan farmers. Our sales team and dealers are ready and willing to talk with you about whatever you need for your Michigan farm. Additionally, we are looking for individuals to partner with DF Seeds to bring these outstanding product offerings to their local area. We offer exactly what our Michigan farmers need from their seed company.

I am excited for the opportunities ahead for DF Seeds. I believe we are positioned better than any other seed brand in the Michigan market to provide Michigan farmers high-performing seed that has been tested and proven in Michigan for Michigan farmers. Our quality roots facilitated through future growth will offer the best solutions for farmers. Thank you for your business and the opportunity to work with you more in the 2023–24 growing season.



A handwritten signature in black ink that reads 'Janna Fritz'.

Janna Fritz  
517-623-6161

**PROUD TO BE A LEGACY AGRIPARTNERS BRAND.**

*Committed to being a source of strength for agricultural America by doing right by farmers.*



**LEGACY**  
AGRIPARTNERS

# ALFALFA VARIETIES



## 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



## 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



## L46-08

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



**NEW**  
**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



## L45-52RR

Roundup Ready® Alfalfa

- Roundup Ready® variety for longer season harvest
- Improved yield and forage quality
- Stem Nematode resistant
- Exceptional disease resistance



Product	Feature	Fall Dormancy	Winterhardness (WSI)	Disease Rating Index (DRI)	Root Type	Yield Ability	Forage Quality	Recovery after Harvest	Bacterial Wilt	Fusarium Wilt	Anthraxnose	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
L46-08	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
L45-52RR	FD5/APH2	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
Hoppertnot 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



# SOYBEAN VARIETIES

FIND YOUR REP



## DEALER LOCATOR

Scan this QR code for an expert representative near you to help you identify the best seed for your farm's specific challenges and unique features.



### Scott Wilson

After growing DF Seeds soybeans for many years, we know the yields are comparable, if not better, than other brands. We grow non-GMO soybeans so when we add the premium affiliated with those varieties, we are more profitable with the DF varieties over regular crush soybeans. It works for our farm very well.



## DFENDER SOYBEAN SEED TREATMENT

DFender seed treatment is the high-quality seed treatment of DF Seeds. We provide the best combination of seedling protection that Michigan farmers need on their soybeans. DFender will include multiple fungicides, an insecticide, and NForce inoculant that are best for Michigan diseases and insects. DFender includes a polymer to reduce dust-off to minimize the environmental impact of important seed treatments and also maintain the flowability of your seed without impacting germination. DFender can also be used in combination with soybean cyst nematode and sudden death syndrome seed treatments.

### DF Seeds will also offer:

**DFender SCN which includes ILeVO® for Soybean Cyst Nematode control.**

**DFender SDS which includes Saltro® for Sudden Death Syndrome control.**

**Heads Up® may be added to all DFender treatments for better plant health, white mold and SDS suppression.**

**DF Seeds offers 100% free replant on all soybean seed treated with DFender seed treatment.**



# SOYBEAN VARIETIES



Variety	Relative Maturity	SCN Type	Plant Height	Plant Type	Hilum Color	Approximate Seed Size	Flower	Emergence Rating	Lodging	Phytophthora Root Rot Field Tolerance	PRR Type	White Mold	Sudden Death Syndrome
DF 3143 N E3	1.4	PI88788	Med-Tall	Med-Bush	Black	S	Purple	1	2	3	NG	4	3
DF 3172 N E3	1.7	PI88788	Med-Tall	Med Bush	Buff	M	Purple	1	4	1	3a	5	2
DF 3191 N E3	1.9	PI88788	Med-Tall	Med-Bush	Imp. Black	L	Purple	2	3	3	NG	2	5
<b>NEW</b> DF 3194 N E3	1.9	Peking	Med-Tall	Medium	Black	S	Purple	2	2	2	1k	2	1
DF 3211 N E3	2.1	PI88788	Medium	Med-Bush	Imp. Black	M	Purple	1	2	3	1k	2	5
DF 3251 N E3	2.5	PI88788	Med-Tall	Med-Bush	Imp. Black	S	Purple	1	4	2	NG	3	5
<b>NEW</b> DF 3264 N E3	2.6	Peking	Medium	Bush	Black	S	Purple	1	2	3	1k	3	2
DF 151 N	1.5	PI88788	Medium	Med-Bush	Brown	M	Purple	1	3	3	1k	4	3
<b>NEW</b> DF 174 N F	1.7	PI88788	Medium	Bush	Clear	L	White/ Purple	2	2	3	1c	2	3
<b>NEW</b> DF 184 N	1.8	PI88788	Med-Tall	Bush	Brown	M	White	2	2	1	1K	2	2
DF 187 N	1.8	PI88788	Med-Tall	Bush	Clear	M	Purple	2	2	3	NG	2	2
<b>NEW</b> DF 204 N	2.0	PI88788	Med-Tall	Med-Bush	Black	S	White	1	4	1	1c	5*	4
<b>NEW</b> DF 214 N	2.1	PI88788	Medium	Med-Bush	Clear	M	White	2	2	4	1c	5	3
<b>NEW</b> DF 224 N	2.2	PI88788	Med-Tall	Medium	Clear	S	Purple	2	2	4	NG	2	NR
DF 231 N	2.3	PI88788	Medium	Bush	Black	L	Purple	1	2	2	1a	3	2
<b>NEW</b> DF 234 N	2.3	PI88788	Med-Tall	Med-Bush	Brown	S	Purple	1	1	5*	1k	2	2
DF 155 F	2.5	None	Tall	Bush	Clear	L	Purple	1	4	2	1k	1	2
DF 260 N	2.6	PI88788/437654	Medium	Med-Bush	Buff	M	Purple	2	3	1	1k	4	3
DF 262 N F	2.6	PI88788	Med-Tall	Bush	Clear	L	Purple	2	3	2	1k	3	3
DF 282 N	2.8	PI88788	Med-Tall	Medium	Black	M	Purple	2	3	3	1c	2	3
<b>NEW</b> DF 151 N Org	1.5	PI88788	Medium	Med-Bush	Brown	M	Purple	1	3	3	1k	4	3
<b>NEW</b> DF 187 N Org	1.8	PI88788	Med-Tall	Bush	Clear	M	Purple	2	2	3	NG	2	2
DF 155 F Org	2.5	None	Tall	Bush	Clear	L	Purple	1	4	2	1k	1	2
<b>NEW</b> DF 262 N F Org	2.6	PI88788	Med-Tall	Bush	Clear	L	Purple	2	3	2	1k	3	3

N = SCN RESISTANCE  
 F = FOOD GRADE  
 NG = NO GENE, FIELD TOLERANCE  
 \* = ADDITIONAL TESTING IN 2023

**PLANT TYPE**  
 MEDIUM = NARROW ROWS 15" OR LESS, HIGHER POPULATIONS  
 MED-BUSH = NARROW ROWS PLUS HIGH PRODUCTIVITY WIDE ROWS  
 BUSH = ALL ROW WIDTHS AND LOWER POPULATIONS

**APPROXIMATE SEED SIZE**  
 L = 2,200 AND LARGER  
 M = 2,200-2,700  
 S = 2,700 AND SMALLER



# SOYBEAN VARIETIES

**DF 151 N** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
1.5	Medium	Med-Bush

**EMERGENCE RATING** 1

**LODGING** 3

- Top yield for maturity with great stress tolerance
- Best in 22 inch rows or narrower
- SCN resistance, with Phytophthora protection

**NEW**  
**DF 174 N F** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
1.7	Medium	Bush

**EMERGENCE RATING** 2

**LODGING** 2

- High protein over 42%, clear hilum variety
- Strong disease package with early maturity
- Limited supply

**NEW**  
**DF 184 N** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
1.8	Med-Tall	Bush

**EMERGENCE RATING** 2

**LODGING** 2

- High yielding line, feed grade
- Bushy soybean that fills wider rows
- Limited supply

**DF 187 N** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
1.8	Med-Tall	Bush

**EMERGENCE RATING** 2

**LODGING** 2

- Clear hilum, high protein
- Soybean Cyst Nematode resistance and great plant health
- Works well in wider row spacing

**NEW**  
**DF 204 N** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.0	Med-Tall	Med-Bush

**EMERGENCE RATING** 1

**LODGING** 4

- Raised the bar for yield! Better performance than our current line up, 2.2 and earlier maturity.
- Manage for White Mold with plant population until we get further testing in Michigan
- Limited supply

**NEW**  
**DF 214 N** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.1	Medium	Med-Bush

**EMERGENCE RATING** 2

**LODGING** 2

- Clear hilum, with smaller seed size
- Manage for White Mold and place on well drained soils
- Limited supply

**NEW**  
**DF 224 N** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.2	Med-Tall	Medium

**EMERGENCE RATING** 2

**LODGING** 2

- Great combination of yield and protein with strong results in 2022
- Limited supply

**DF 231 N** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.3	Medium	Bush

**EMERGENCE RATING** 1

**LODGING** 2

- Top yield potential
- Solid disease package and great standability
- Mix of black and brown hilum possible and may see a few black soybeans

**NEW**  
**DF 234 N** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.3	Med-Tall	Med-Bush

**EMERGENCE RATING** 1

**LODGING** 1

- Great emergence and standability
- Unique genetics with brown hilum and STS chemistry tolerance
- Limited supply







DF Seeds is an authorized distributor of Legacy Seeds corn.  
 Legacy Seeds, LLC  
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 Scandinavia, WI 54977  
 LegacySeeds.com

**ORGANIC HYBRIDS:** Legacy Seeds will be offering six organically produced conventional hybrids for 2024 ranging in maturity from 90 day to 102 day. The five hybrids are: **LCO-3017, LCO431-20, LCO-3517, LCO-3816** and **LCO-5217**.



**CONVENTIONAL HYBRIDS:** For 2024, Legacy Seeds will be offering 25 conventional hybrids of which several will have no treatment options available. Here is a list of hybrids that will have a no treatment option for 2024 planting season: **LC354-20, LC-2817, LC-3011, LC-3017, LC431-20, LC444-21, LC-3517, LC-3816, LC-4248, LC-5217, LC525-21** and **LC544-22**. These hybrids will have limited supplies so order by **December 31, 2023**.



## RATION CHOICE® CORN SILAGE SYSTEM

We take pride in understanding our customer's needs and expectations. Which is why we take a different approach than our competition. Most of the industry continues to focus on developing and selling "grain hybrids" for silage use. Legacy Seeds has a rigorous testing program that allows us to identify and develop products that are designed for animal feeding and silage use that meet and exceed your expectations. Our Ration Choice hybrids are specifically chosen for their silage yield along with characteristics that you value, characteristics such as: **yield, starch, fiber, and sugar digestibility**. This enables Legacy Seeds to match the right products to your operation's specific needs and expectations which enables you to maximize your herd's potential. We recognize that not every corn hybrid qualifies for silage use and certainly not as a Ration Choice Hybrid. Those hybrids that do qualify for that designation, meet, or exceed all the characteristics required by Legacy Seeds and our Ration Choice Testing Program. For more information on the Ration Choice Program and products please contact one of our silage professionals about how we can help you achieve the best ROI for your operation.

Visit for more information.



### CORN TRAIT KEY

<b>RR2</b> Roundup Ready® Corn 2	<b>VT2P RIB</b> VT Double PRO® RIB Complete® Corn Blend	<b>DGVT2P RIB</b> DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend	<b>SSX RIB</b> SmartStax® RIB Complete® Corn Blend	<b>SSP RIB</b> SmartStax® PRO RIB Complete® Corn Blend
<b>TRECEPTA RIB</b> Trecepta® RIB Complete® Corn Blend	<b>GT</b> Agrisure® GT	<b>3010</b> Agrisure® 3010	<b>3110</b> Agrisure Viptera® 3110	<b>AA</b> Agrisure® Above
<b>V</b> Viptera®	<b>D</b> Duracade®	<b>DV</b> DuracadeViptera™	<b>PWE</b> PowerCore® Enlist® Corn	<b>PCE</b> PowerCore® Enlist® Refuge Advanced®

**NEW**  
**LC394-22**
*89 RM*
**OPTIONS:** CONV

- Exciting new conventional line with top of test performance
- Consistent ears down the row with very good test weight
- This hybrid performs well in all yield environments but excels in higher yielding environments
- Good east to west adaptation in moderate to higher plant populations
- Fungicide applications will enhance the performance of this hybrid

**LC-3017**
*90 RM*
**OPTIONS:** CONV, RR2, VT2P RIB

- Consistent, top performing hybrid that is a must plant hybrid in this maturity
- Strong performance across all yield levels and environments
- Very good stress and drought tolerance
- Very good resistance to anthracnose stalk rot
- Solid agronomics


**LC431-20**
*93 RM*
**OPTIONS:** CONV, RR2, SSX RIB, VT2P RIB

- Top-end yield potential hybrid with good test weight on a large girthy ear with great tip fill
- Ultra early flowering hybrid for good northern movement
- Good movement from east to west with a Goss' Wilt watchout in the far west
- Medium plant height with girthy ears with 18-20 kernel rows
- Fast drydown hybrid that will fall in line with 90 day hybrids


**LC444-21**
*94 RM*
**OPTIONS:** CONV

- High yielding conventional hybrid with outstanding eye appeal
- Girthy, flex style ears with good grain quality
- Strong agronomics with season long staygreen and intactness
- Widely adapted from east to west
- Excellent grain quality

**LC451-21**
*95 RM*
**OPTIONS:** CONV, SSX RIB, VT2P RIB

- Excellent top-end yield potential in variable to high yield environments
- Solid agronomics and plant health
- Very good grain quality, test weight with a fast drydown
- Best positioned in the central to eastern corn belt due to Goss' Wilt issues in western corn belt
- Will have tremendous response to fungicide applications in high yield environments


**NEW**  
**LC454-22**
*95 RM*
**OPTIONS:** VT2P RIB

- Consistent, high performing hybrid over a wide area
- Long, girthy ear type with deep kernels that can be planted at low to higher plants per acre
- Good husk coverage that flares the husk for a faster drydown for its maturity
- Strong stalks and roots with very good late season intactness and staygreen
- Early flowering hybrid for good northern movement

**LC-3517**
*95 RM*
**OPTIONS:** CONV, RR2, VT2P RIB

- Must plant hybrid for all acres in this maturity group
- Fast emergence with excellent early vigor for reduced tillage acres
- Tough hybrid with excellent stalks and roots
- Very good drought tolerance for tough acres
- Strong anthracnose tolerance in all traits and as a conventional hybrid


**LC461-21**
*96 RM*
**OPTIONS:** DGV2P RIB

- Full flex eared hybrid for those low population, tough to variable acres, a real workhorse
- Medium to medium-tall hybrid with solid agronomics
- Excellent grain quality, test weight with a fast drydown
- Early flowering hybrid for good north of zone movement and will act more like a 95 day hybrid
- Excellent emergence and seedling vigor for early season planting


**NEW**  
**LC465-23**
*96 RM*
**OPTIONS:** PCE

- Exceptional performance across all yield levels and has eye appeal all season long
- Very strong disease control with a solid agronomic package - good Tar Spot tolerance
- Good east to west movement and north to south - will yield with later maturity hybrids
- Best positioned in better water holding capacity soils - do not put on course, dryland soils
- Strong grain yields that will challenge later day hybrids

**NEW**

## LC474-23

97 RM

**OPTIONS:** PCE

- Strong performance in high yield environments
- Position on medium to better soils at higher populations
- Very consistent performance from east to west in the northern cornbelt
- Likes cooler climates of the Great Lakes area - doesn't like stress and low yield environments
- Good overall agronomics with good Tar Spot control

## LC-3816

99 RM

**OPTIONS:** CONV

- Defensive hybrid with strong yields in variable and tough environments
- Has yield stability over a lot of acres and over time
- Very good drought tolerance
- Very strong stalks and roots that allow for a longer harvest window
- Strong disease package, especially on Goss' Wilt

**NEW**

## LC492-22

99 RM

**OPTIONS:** VT2P RIB

- Excellent top-end yield potential that performs in all yield environments - top of test hybrid
- Very attractive hybrid with excellent tip fill
- Very good emergence and seedling vigor suited for reduced tillage systems
- Very good east to west movement
- Responds well to fungicide applications

**NEW**

## LC494-23

99 RM

**OPTIONS:** PCE

- Consistent Powercore® hybrid with excellent plant health and late season intactness
- Semi-flex ear type with uniform size down the row
- Strong tolerance to Tar Spot, Goss' Wilt, GLS and NCLB
- Fast emergence and early season vigor
- Widely adaptable hybrid from east to west

## LC-4248

100 RM

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

- "Rock Star Spot" hybrid that excels in highly managed acres and environments
- Flex style ear type with tremendous ear girth that adapts to variable planting populations
- Medium-tall hybrid with very good stalks and roots
- Strong tolerance to Goss' Wilt and anthracnose stalk rot but will have positive response to fungicides
- Recommend plant population range from 32-36,000 PPA

## LC525-21

102 RM

**OPTIONS:** CONV, PWE

- High yielding hybrid with a showy fall appearance
- Great plant integrity with strong roots and stalks
- Excellent plant health with strong tolerance to Tar Spot
- Has acre flexibility
- Best planted at medium-high to higher plant populations with good fertility and better soils



## LC-5217

102 RM

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

- High yielding, stable hybrid with long ears and very deep kernels
- Excellent grain quality with good test weight
- Widely adapted hybrid with very good Goss' Wilt control
- Solid stalks and roots
- Has nice late season plant health and integrity

**NEW**

## LC544-22

104 RM

**OPTIONS:** PCE, CONV

- Strong yields over a wide area with excellent test weight
- Excellent grain quality
- Very good late season plant health and intactness
- Excellent Goss' Wilt tolerance and very good Tar Spot tolerance
- Best positioned in central to eastern corn belt on variable to high yield environments

## LC565-22

106 RM

**OPTIONS:** PWE

- Showy plant style that will offer acre flexibility for either grain or silage
- Excellent ear flex with good ear consistency down the row
- Bullet proof control of Tar Spot
- Great overall plant health and agronomics
- Best at medium to medium-high plant populations and will respond to higher fertility





Product	VALUE ADDED TRAITS	MATURITY INFO					AGRONOMIC & PLANT CHARACTERISTICS								
		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	
LC-1818	CONV, RR2, VT2P RIB	78	1917	956	2	32-38	2	2	2	2	3	2	3	3	
LC295-21	3110	79	1953	974	3	30-36	2	1	2	2	2	NA	3	2	
LC304-21	PCE	80	1970	1020	3	28-34	2	2	3	3	2	3	4	3	
LC-2245	RR2, VT2P RIB	81	2000	1060	3	28-36	1	1	2	2	2	2	3	3	
LC311-20	CONV, VT2P RIB	81	2061	1068	3	28-36	2	2	2	3	3	2	3	2	
LC-2314	RR2, VT2P RIB	83	2117	1128	3	32-36	2	2	2	3	2	2	3	2	
LC-2347	RR2, VT2P RIB	83	2100	1120	2	32-38	2	2	2	1	2	2	2	2	
LC334-21	VT2P RIB	83	2125	1150	2	30-38	2	3	2	2	2	2	3	2	
<b>NEW</b> LC341-22	CONV, RR2	84	2135	1072	3	28-34	2	2	3	3	2	3	3	3	
LC354-20	CONV, GT, 3110	85	2145	1140	3	28-36	2	3	2	2	2	3	3	3	
<b>NEW</b> LC354-23	PCE	85	2140	1145	3	32-34	2	2	2	2	2	2	2	2	
LC-2817	CONV, RR2, VT2P RIB	86	2155	1122	2	32-38	2	2	3	2	3	3	2	2	
<b>NEW</b> LC363-23	AA	86	2155	1150	3	30-38	2	2	2	2	1	3	2	2	
<b>NEW</b> LC364-23	VT2P RIB	86	2150	1150	3	32-38	2	2	3	2	3	2	3	2	
LC-2847	VT2P RIB	87	2245	1185	3	28-34	1	1	3	2	2	2	2	3	
<b>NEW</b> LC381-23	CONV	88	2202	1135	3	28-34	2	2	3	3	2	3	3	3	
<b>NEW</b> LC384-22	VT2P RIB	88	2250	1160	3	34-38	2	2	2	2	2	2	3	3	
LC-2918	VT2P RIB	89	2243	1140	2	28-36	2	1	2	2	3	3	3	2	
LC391-20	VT2P RIB	89	2242	1191	3	30-36	2	3	2	3	3	2	3	2	
<b>NEW</b> LC394-22	CONV	89	2275	1180	2	34-38	2	2	3	2	3	2	3	3	
LC-3017	CONV, RR2, VT2P RIB	90	2255	1141	3	30-38	1	1	1	2	2	2	2	2	
LC-3048	VT2P RIB	90	2270	1160	2	30-38	2	2	1	2	3	2	3	4	
LC403-22	AA	90	2270	1170	3	24-34	2	2	3	2	3	2	3	2	
LC413-20	V	91	2300	1230	4	24-34	2	2	4	2	2	3	3	3	
LC414-21	SSX RIB, VT2P RIB	91	2285	1200	3	30-38	2	2	2	2	3	2	2	1	
LC-3115	RR2	92	2300	1220	3	28-36	2	2	3	3	2	3	3	3	

# CORN BRANDS



Product	GRAIN & EAR CHARACTERISTICS								DISEASE RATINGS					PRODUCT POSITIONING				
	Plant Height	Ear Height	Ear Length	Ear Type	Cob Color	Kernel Rows	Test Weight	Dry Down	Northern Leaf Blight	Gray Leaf Spot	Goss' Wilt	Anthraxnose Stalk Rot	Tar Spot	High Yield Environments	Moderate Yield Environments	Low Yield Environments	Corn Following Corn	Fungicide Response
S	M	L	SF	R	12-14	2	3	2	NA	3	4	NA	3	1	1	4	2	LC-1818
M	M	ML	SF	R	14-16	2	2	2	3	3	NA	NA	1	2	2	3	2	LC295-21
MT	M	M	SF	R	16-18	3	2	4	3	4	NA	NA	2	1	1	4	1	LC304-21
MT	M	ML	SF	R	16-18	2	2	2	2	3	2	NA	1	1	1	3	2	LC-2245
MT	M	MG	SF	R	16-18	4	2	3	4	4	5	NA	1	1	3	5	1	LC311-20
MT	M	MG	SF	R	16-18	3	3	2	NA	4	3	NA	1	1	1	3	2	LC-2314
M	M	ML	SF	R	16-18	3	2	2	2	2	2	NA	1	1	1	1	2	LC-2347
M	M	MG	SF	R	16-18	3	1	2	3	3	2	NA	1	1	2	3	2	LC334-21
M	M	MG	SF	R	16-18	2	2	3	4	3	3	3	2	1	1	4	2	LC341-22 <b>NEW</b>
MT	MH	MG	SF	P	18-20	3	2	3	3	4	NA	NA	2	1	2	3	2	LC354-20
MT	MH	ML	SF	R	14-16	3	2	3	NA	2	3	3	2	1	1	3	2	LC354-23 <b>NEW</b>
MT	M	MG	SF	R	18-20	2	2	3	NA	3	3	NA	1	1	3	4	2	LC-2817
MT	M	M	SF	R	16-18	3	2	3	3	2	3	NA	1	1	1	4	2	LC363-23 <b>NEW</b>
MT	M	MG	SF	R	18-20	3	2	3	3	3	3	4	1	1	2	3	1	LC364-23 <b>NEW</b>
MT	MH	ML	SF	R	18-20	3	3	2	3	3	3	NA	2	1	1	2	2	LC-2847
T	MH	MG	SF	R	16-18	3	2	3	3	2	3	4	2	1	1	4	2	LC381-23 <b>NEW</b>
M	M	MG	SF	R	18-20	3	3	3	3	3	3	NA	1	1	2	3	2	LC384-22 <b>NEW</b>
ML	ML	ML	SF	R	16-18	2	3	3	4	3	3	NA	3	1	1	4	2	LC-2918
M	M	MG	SF	P	18-20	3	2	3	4	5	3	NA	1	1	1	5	2	LC391-20
M	M	ML	SF	R	16-18	2	2	3	3	2	2	NA	1	1	2	3	1	LC394-22 <b>NEW</b>
M	M	MG	SF	R	18-20	3	3	2	4	3	3	3	1	1	1	2	2	LC-3017
M	M	MG	SF	R	16-18	3	1	2	2	2	2	NA	1	1	2	2	2	LC-3048
MT	M	MG	SF	R	18-20	3	3	3	1	3	3	3	1	1	3	3	2	LC403-22
MT	M	ML	SF	R	18-20	4	4	1	NA	2	3	NA	1	1	1	4	1	LC413-20
MT	MH	ML	SF	R	14-16	2	3	2	2	2	1	3	1	1	2	1	2	LC414-21
MT	M	ML	SF	R	16-18	3	4	3	3	2	3	3	1	1	1	1	2	LC-3115



Product	VALUE ADDED TRAITS	MATURITY INFO						AGRONOMIC & PLANT CHARACTERISTICS							
		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	
LC431-20	CONV, RR2, SSX RIB, VT2P RIB	93	2268	1163	1	30-36	1	1	4	3	2	3	4	3	
LC441-20	VT2P RIB	94	2346	1203	3	28-36	1	1	2	2	3	4	3	4	
LC444-21	CONV	94	2320	1235	3	30-38	2	2	3	2	2	2	2	1	
LC451-21	CONV, SSX RIB, VT2P RIB	95	2350	1205	3	32-38	2	2	4	3	3	3	4	2	
<b>NEW</b> LC454-22	VT2P RIB	95	2345	1230	3	30-38	2	2	2	2	3	2	2	2	
LC-3517	CONV, RR2, VT2P RIB	95	2385	1241	3	30-38	1	1	1	2	2	2	3	2	
LC461-21	DGVT2P RIB	96	2384	1230	2	24-34	2	2	3	3	2	2	3	2	
LC464-21	AA	96	2390	1240	3	28-36	2	2	2	3	4	2	2	2	
<b>NEW</b> LC465-23	PCE	96	2395	1265	3	30-38	2	2	2	2	4	2	1	1	
LC474-20	TRECEPTA RIB	97	2410	1270	3	30-38	2	2	1	2	3	2	2	2	
<b>NEW</b> LC474-23	PCE	97	2400	1235	3	32-38	2	2	2	2	3	2	2	2	
LC-3718	DGVT2P RIB	97	2412	1267	3	30-36	2	2	3	3	2	3	3	2	
LC482-21	CONV, VT2P RIB	98	2400	1280	1	30-38	2	2	2	2	2	2	3	3	
LC484-20	SSX RIB	98	2400	1240	3	28-36	2	2	2	2	2	2	2	2	
LC-3816	CONV	99	2457	1257	3	28-36	2	2	2	1	2	2	3	2	
<b>NEW</b> LC492-22	VT2P RIB	99	2490	1289	3	32-38	3	2	3	3	3	2	2	2	
LC493-21	D	99	2492	1266	3	28-38	1	1	3	2	2	2	2	2	
<b>NEW</b> LC494-23	PCE	99	2450	1230	2	34-38	1	1	2	2	3	2	2	2	
<b>NEW</b> LC503-22	AA, CONV	100	2440	1255	3	26-38	2	3	2	2	1	3	3	2	
LC-4248	CONV, VT2P RIB, SSX RIB	100	2490	1250	3	28-36	2	3	2	2	3	2	3	3	
LC511-21	SSX RIB	101	2518	1240	2	30-36	2	3	3	2	3	2	2	2	
<b>NEW</b> LC512-22	VT2P RIB	101	2520	1277	3	28-36	2	2	3	2	3	2	3	2	
LC525-21	CONV, PWE	102	2524	1299	3	32-38	2	1	1	1	3	2	2	2	
LC-5217	CONV, RR2, VT2P RIB	102	2575	1307	3	30-38	2	2	2	2	3	2	2	2	
LC-5319	SSX RIB	103	2574	1256	3	30-36	2	2	3	2	2	4	4	4	
LC533-20	DV	103	2560	1340	3	26-38	2	2	2	2	3	2	3	2	

# CORN BRANDS



	GRAIN & EAR CHARACTERISTICS								DISEASE RATINGS					PRODUCT POSITIONING					Product
	Plant Height	Ear Height	Ear Length	Ear Type	Cob Color	Kernel Rows	Test Weight	Dry Down	Northern Leaf Blight	Gray Leaf Spot	Goss' Wilt	Anthrachnose Stalk Rot	Tar Spot	High Yield Environments	Moderate Yield Environments	Low Yield Environments	Corn Following Corn	Fungicide Response	
	MT	MH	MG	SF	R	16-18	3	2	3	4	3	1	NA	1	1	2	1	2	LC431-20
	M	M	MG	SF	R	16-18	2	1	4	4	2	3	4	1	1	1	5	1	LC441-20
	MT	M	ML	SF	R	16-18	3	3	3	2	3	3	4	1	1	2	3	2	LC444-21
	T	H	MG	SF	R	16-18	2	2	3	4	4	2	NA	1	1	4	2	1	LC451-21
	2	MH	ML	SF	5	16-18	3	2	3	3	3	2	4	1	1	2	2	2	LC454-22 <b>NEW</b>
	M	M	MG	SF	R	16-18	2	2	3	3	3	2	3	1	1	1	3	2	LC-3517
	MT	MH	ML	FL	R	16-18	1	2	4	4	4	3	NA	3	1	1	5	1	LC461-21
	MT	M	ML	SF	R	14-16	3	3	3	3	3	3	3	1	1	3	3	2	LC464-21
	MT	M	M	SF	R	16-18	3	3	2	3	2	3	3	1	1	4	4	2	LC465-23 <b>NEW</b>
	MT	MT	ML	SF	R	16-18	3	2	3	3	2	2	3	1	1	2	2	2	LC474-20
	M	M	M	SF	R	14-16	3	3	3	3	3	3	3	1	1	3	3	1	LC474-23 <b>NEW</b>
	MT	M	MG	SF	P	16-18	3	2	3	4	4	3	3	1	1	1	4	2	LC-3718
	MT	M	MG	SF	R	16-18	2	1	3	3	2	3	NA	1	1	3	3	1	LC482-21
	MT	MH	ML	SF	R	16-18	2	2	2	2	2	2	3	1	1	1	2	2	LC484-20
	M	M	ML	SF	R	16-18	4	3	3	4	2	3	3	3	1	1	5	2	LC-3816
	MT	M	M	SF	R	16-18	3	3	3	3	2	3	3	1	1	2	3	2	LC492-22 <b>NEW</b>
	MT	MH	MG	SF	R	16-18	2	3	3	1	3	2	2	1	1	3	1	2	LC493-21
	MT	MH	M	SF	R	14-16	3	3	2	2	2	2	2	2	1	2	1	2	LC494-23 <b>NEW</b>
	M	M	MG	SF	R	18-20	3	3	3	3	3	3	3	1	1	1	3	2	LC503-22 <b>NEW</b>
	MT	M	MG	SF	R	18-20	3	3	2	3	3	2	3	1	1	2	3	1	LC-4248
	MT	M	ML	SF	R	16-18	3	3	3	4	4	2	3	1	1	1	1	1	LC511-21
	M	M	MG	SF	R	18-22	3	2	3	3	2	3	3	1	1	4	3	1	LC512-22 <b>NEW</b>
	T	M	MG	SF	P	16-20	3	3	3	3	4	3	2	1	1	4	2	2	LC525-21
	MT	M	ML	SF	R	14-16	3	3	3	4	2	4	4	1	1	3	2	1	LC-5217
	M	M	MG	SF	R	16-18	2	3	3	3	3	4	4	1	1	1	2	1	LC-5319
	T	MH	MG	SF	P	16-18	2	2	2	4	2	3	2	1	1	3	1	2	LC533-20



Product	VALUE ADDED TRAITS	MATURITY INFO					AGRONOMIC & PLANT CHARACTERISTICS									
		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		
<b>NEW</b> LC534-23	TRECEPTA RIB	103	2555	1275	3	32-38	2	3	2	2	4	2	2	3		
LC541-22	SSX RIB	104	2588	1322	3	32-38	2	2	3	3	1	3	3	3		
<b>NEW</b> LC544-22	PCE, CONV	104	2575	1275	3	24-34	2	2	3	2	3	2	2	2		
LC551-22	SSX RIB	105	2600	1320	3	30-36	2	3	3	3	4	3	3	3		
LC554-21	DGVT2P RIB	105	2605	1290	4	28-38	2	2	3	2	1	2	3	3		
<b>NEW</b> LC554-23	SSX RIB	105	2615	1260	3	28-36	2	3	3	2	4	2	2	2		
LC555-21	GT, 3010, D	105	2638	1291	2	26-38	1	2	3	2	2	2	3	3		
LC-6047	SSX RIB	105	2645	1280	3	30-38	3	3	2	2	2	2	3	3		
LC564-20	CONV, PWE	105	2630	1270	2	30-38	2	2	2	2	2	2	2	2		
LC565-22	PWE	106	2644	1269	3	30-36	2	1	2	2	2	2	3	2		
LC571-22	SSP RIB	107	2624	1281	3	30-38	2	2	2	2	3	2	3	3		
LC-6918	SSX RIB	108	2718	1301	3	30-38	1	1	1	2	3	1	3	2		
LC585-22	3010	108	2672	1326	4	30-38	2	2	2	2	2	2	1	1		
LC594-21	VT2P RIB	109	2750	1330	3	30-38	2	3	3	2	3	1	3	3		
LC623-21	DV	112	2785	1337	3	30-38	2	1	2	2	3	3	2	2		
LC634-20	CONV, SSX RIB	113	2790	1340	3	30-38	2	3	2	2	2	2	2	2		
<b>NEW</b> LC644-22	DV	114	2840	1370	3	28-36	2	2	3	2	3	2	2	2		

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# CORN BRANDS



Product	GRAIN & EAR CHARACTERISTICS								DISEASE RATINGS					PRODUCT POSITIONING					
	Plant Height	Ear Height	Ear Length	Ear Type	Cob Color	Kernel Rows	Test Weight	Dry Down	Northern Leaf Blight	Gray Leaf Spot	Goss' Wilt	Anthrachnose Stalk Rot	Tar Spot	High Yield Environments	Moderate Yield Environments	Low Yield Environments	Corn Following Corn	Fungicide Response	
	M	M	ML	SF	R	14-16	2	2	4	2	2	2	4	1	1	3	2	1	<b>LC534-23</b> <i>NEW</i>
	M	M	MG	SF	R	18-20	3	1	2	3	3	1	3	1	1	3	1	2	<b>LC541-22</b>
	MT	MH	ML	SF	R	16-18	1	2	3	2	2	2	2	1	1	2	2	2	<b>LC544-22</b> <i>NEW</i>
	MT	MH	ML	SF	R	14-16	3	3	3	3	4	1	3	1	1	4	1	1	<b>LC551-22</b>
	MT	MH	L	FL	R	16-18	3	2	3	2	2	1	4	1	1	1	2	2	<b>LC554-21</b>
	MT	M	ML	SF	R	14-16	2	2	3	2	2	2	4	1	1	3	1	1	<b>LC554-23</b> <i>NEW</i>
	MT	M	ML	FL	R	18-22	3	3	2	3	3	2	3	1	1	2	3	2	<b>LC555-21</b>
	MT	M	MG	SF	R	16-18	3	1	2	2	2	2	3	1	1	2	2	2	<b>LC-6047</b>
	MT	MH	MG	SF	R	18-22	4	4	2	3	2	3	2	1	1	2	2	2	<b>LC564-20</b>
	T	MH	MG	SF	R	16-18	2	3	2	2	4	2	1	2	1	2	2	2	<b>LC565-22</b>
	M	M	MG	SF	R	16-18	3	3	3	3	3	3	3	1	1	3	2	1	<b>LC571-22</b>
	M	M	ML	SF	R	14-16	2	3	2	3	4	2	3	1	1	4	1	1	<b>LC-6918</b>
	T	MH	L	FL	R	14-16	4	4	2	2	2	2	2	1	1	1	3	2	<b>LC585-22</b>
	MT	M	ML	SF	R	14-16	2	3	3	2	3	1	4	1	1	3	2	1	<b>LC594-21</b>
	T	MH	ML	SF	R	16	3	3	3	1	2	2	2	1	1	3	2	2	<b>LC623-21</b>
	MT	M	MG	SF	R	16	2	2	2	2	3	2	2	1	1	1	1	2	<b>LC634-20</b>
	T	MH	ML	FL	R	14-18	2	3	1	1	1	2	2	1	1	2	1	3	<b>LC644-22</b> <i>NEW</i>

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

If it is a structured refuge product, PWE – PowerCore® Enlist® corn products with HX1, VTP, ENL, LL, RR. A separate 5% corn borer refuge in the corn belt, and a separate 20% corn borer refuge in EPA-designated cotton-growing counties must be planted PowerCore Enlist products.

## NOTES

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Product	VALUE ADDED TRAITS	MATURITY INFO						AGRONOMIC & PLANT CHARACTERISTICS							
		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	
<b>NEW</b> LCO-3017	ORGANIC CONV	90	2255	1141	3	30-38	1	1	1	2	2	2	2	2	
LCO431-20	ORGANIC CONV	93	2268	1163	1	30-36	1	1	4	3	2	3	4	3	
LCO-3517	ORGANIC CONV	95	2385	1241	3	30-38	1	1	1	2	2	2	3	2	
LCO-3816	ORGANIC CONV	99	2457	1257	3	28-36	2	2	2	1	2	2	3	2	
<b>NEW</b> LCO-5217	ORGANIC CONV	102	2575	1307	3	30-38	2	2	2	2	3	2	2	2	

**NEW**  
**LCO-3017** 90 RM

**OPTIONS:** ORGANIC CONV

- Consistent, top performing hybrid that is a must plant hybrid in this maturity
- Strong performance across all yield levels and environments
- Very good stress and drought tolerance
- Very good resistance to anthracnose stalk rot
- Can be used as either a grain or flexible acre hybrid

**LCO431-20** 93 RM

**OPTIONS:** ORGANIC CONV

- Top-end yield potential hybrid with good test weight on a large girthy ear with great tip fill
- Ultra early flowering hybrid for good northern movement
- Good movement from east to west with a Goss' Wilt watchout in the far west
- Taller profile hybrid that will offer flexible usage as either grain or silage
- Fast drydown hybrid that will fall in line with 90 day hybrids

**LCO-3517** 95 RM

**OPTIONS:** ORGANIC CONV

- Must plant hybrid for all acres in this maturity group
- Fast emergence with excellent early vigor for reduced tillage acres
- Can be used as either a grain or flexible acre hybrid
- Very good drought tolerance for tough acres
- Strong anthracnose tolerance in all traits and as a conventional hybrid



GRAIN & EAR CHARACTERISTICS									DISEASE RATINGS					PRODUCT POSITIONING					Product
Plant Height	Ear Height	Ear Length	Ear Type	Cob Color	Kernel Rows	Test Weight	Dry Down	Northern Leaf Blight	Gray Leaf Spot	Goss' Wilt	Anthracoze Stalk Rot	Tar Spot	High Yield Environments	Moderate Yield Environments	Low Yield Environments	Corn Following Corn	Fungicide Response		
M	M	MG	SF	R	18-20	3	3	2	4	2	2	3	1	1	1	2	2	<b>LCO-3017</b> <i>NEW</i>	
MT	MH	MG	SF	R	16-18	3	2	3	4	3	1	NA	1	1	2	1	2	<b>LCO431-20</b>	
M	M	MG	SF	R	16-18	2	2	3	3	3	2	3	1	1	1	3	2	<b>LCO-3517</b>	
M	M	ML	SF	R	16-18	4	3	3	4	2	3	3	3	1	1	5	2	<b>LCO-3816</b>	
MT	M	ML	SF	R	14-16	3	3	3	4	2	4	4	1	1	3	2	1	<b>LCO-5217</b> <i>NEW</i>	

## LCO-3816

99 RM

**OPTIONS:** ORGANIC CONV

- Defensive hybrid with strong yields in variable and tough environments
- Has yield stability over a lot of acres and over time
- Very good drought tolerance
- Very strong stalks and roots that allow for a longer harvest window
- Strong disease package, especially on Goss' Wilt

**NEW**

## LCO-5217

102 RM

**OPTIONS:** ORGANIC CONV

- High yielding, stable hybrid with long ears and very deep kernels
- Excellent grain quality with good test weight
- Widely adapted hybrid with very good Goss' Wilt control
- Taller hybrid with very good acre flexibility
- Has nice late season plant health and integrity



### NOTES

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### 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 = Medium-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 Type:** F = Fixed | SF = Semi-Flex | FL = Flex | SD = Semi-Determinate

### VALUE ADDED TRAITS:

AA = Agrisure® Above | CONV = Conventional | GT = Agrisure® GT | 3010 = Agrisure® 3010 | 3110 = Agrisure Viptera® 3110  
 DGV2P RIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend | D = Duracade® | DV = DuracadeViptera™  
 LCO is organically grown seed corn | PWE = PowerCore® Enlist® Corn | PCE = PowerCore® Enlist® Refuge Advanced®  
 RR2 = Roundup Ready® Corn 2 | SSP RIB = SmartStax® PRO RIB Complete® Corn Blend | SSX RIB = SmartStax® RIB Complete® Corn Blend  
 TRECEPTA RIB = Trecepta® RIB Complete® Corn Blend | V = Viptera® | VT2P RIB = VT Double PRO® RIB Complete® Corn Blend



## ENLIST® WEED CONTROL SYSTEM— PROVEN CONTROL OF TOUGH WEEDS

Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use on Enlist® crops.

**SOYBEANS** 2,4-D choline | Glyphosate | Glufosinate

**CORN** 2,4-D choline | Glyphosate | Glufosinate | FOP Herbicides

**Enlist Duo®**  
COLEX-D® technology  
HERBICIDE

- Convenient proprietary blend of 2,4-D choline and glyphosate
- The two sites of action work together to deliver control of yield-robbing weeds and help prevent resistance

**Enlist One®**  
COLEX-D® technology  
HERBICIDE

- Straight-goods 2,4-D choline with additional tank-mix flexibility
- Provides additional tank-mix flexibility with Liberty® herbicide and other qualified tank-mix products, allowing for a customized weed control program to fit each farm

### On-Target Application

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

# WHEAT VARIETIES



**FIND YOUR REP**



## DEALER LOCATOR

Scan this QR code for an expert representative near you to help you identify the best seed for your farm's specific challenges and unique features.



### Dwight Bartle

DF Seeds has treated me exceptionally well. I have entered their varieties with great success in the National Wheat Yield Contest. Numerous DF varieties has been in the Top Three of the contest. I also love their seed treatment.



## DFENDER WHEAT SEED TREATMENT

DFender seed treatment is the high-quality seed treatment of DF Seeds. We provide the best combination of seedling protection that Michigan farmers need on their wheat. DFender will include the fungicides and insecticides that are needed in Michigan.

***DF Seeds believes all wheat should be managed for the greatest yield potential possible!***

By planting wheat seed from DF Seeds, you can be assured that your seed is cleaned, milled, and ran over two gravity air separators to give you the highest quality, uniform, and disease free seed possible.

ORGANIC wheat growers may order untreated wheat in any of our varieties. We will reserve your untreated wheat if ordered by early August.

### NOTES

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Product	Grain Color	Relative Maturity	Head Type	Canopy Structure	Plant Height	Yield	Test Weight	Stability	Winter Hardiness	Fusarium Head Scab	Leaf Rust	Stripe Rust	Septoria Glume Blotch	Septoria Leaf Blotch	Powdery Mildew	Barley Yellow Dwarf	Spindle Streak/Mosaic Virus
DF 112 R	Red	Medium-Late	Awned	1.7	Medium	2	3	3	1	3	3	4	3	3	4	1	4
DF 119 R	Red	Early	Awnletted	1.7	Medium	1	1	2	3	3	1	5	3	3	3	4	3
DF 121 R	Red	Medium	Awned	1.0	Medium-Short	1	1	2	3	2.5	3	2	3	2	2	2	4
DF 131 R	Red	Medium-Late	Awned	1.7	Medium-Short	2	1.5	3	2	2	2	2	3	2	3	1	4
Ambassador	White	Early	Awnless	3.0	Medium	3	4	4	3	5	3	4	3	3	1	3	4
DF 271 W	White	Medium	Awnletted	2.3	Medium-Short	1	2	2	1	3	4	1	4	4	1	N/A	N/A





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

Refuge seed may not always contain the DroughtGard® trait.

**IMPORTANT IRM INFORMATION:** Certain products are sold as RIB Complete® corn blend products, and do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. Products sold without refuge in the bag (non-RIB Complete) require the planting of a structured refuge. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

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

**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.** Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. 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.

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

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® Technology contains genes that confer tolerance to glyphosate. Glyphosate will kill crops that are not tolerant to glyphosate. Roundup Ready® and Roundup® are registered trademarks of Bayer Group, used under license by Forage Genetics International, LLC.

**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.

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

**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.**



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.

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

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



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.



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

Enlist Duo® and Enlist One® herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions. Enlist E3® soybeans were jointly developed by Corteva Agriscience and MS Technologies, LLC. ®™ Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of Corteva Agriscience. PowerCore® multi-event technology developed by Corteva Agriscience and Monsanto. Roundup®, Roundup Ready®, Roundup Ready 2 Technology and Design, and PowerCore® are registered trademarks of Monsanto Technology LLC. Liberty Link® and the Water Droplet Design® are registered trademarks of BASF. Enlist®, Colex-D®, and Refuge Advanced® are trademarks of Corteva Agriscience and its affiliated companies. Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship.



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