



# 2025 PRODUCT GUIDE

MICHIGAN PROVEN. MICHIGAN GROWN.



## MICHIGAN PROVEN. MICHIGAN GROWN.

Hello, and thank you for considering DF Seeds for the 2024–25 growing season. If you are a long-time supporter of DF Seeds, thank you for your continued business. If you are new to our brand, welcome, and we are excited to show you what we have to offer for your farming operation.

DF Seeds' strong roots started in 1969 and have grown because of outstanding products, designed for Michigan. Our exceptional performance is made possible because of local seed production, grown here in Michigan, and extensive agronomic research, conducted here in Michigan. We are **Michigan proven, Michigan grown.**

We provide solutions for Michigan farmers, including alfalfa, corn, soybeans, and wheat. Our long history and expertise with soybeans are shown through our diverse product offerings that include the Enlist® soybean line and specialty soybean varieties. DF Seeds' specialty soybeans include non-GMO, identity preserved, clear hilum, and high protein options. All our commodities are also available for organic operations. We work with multiple genetic suppliers and select varieties that are best suited for Michigan. Growing DF Seeds gives you a competitive advantage over other seed brands.

Our sales team and dealers are ready and willing to talk with you about whatever you need for your Michigan farm. I believe

we are positioned better than any other seed brand in the Michigan market to provide farmers with high-performing seed that has been tested and proven in Michigan for Michigan farmers. Thank you for your business and the opportunity to work with you in the 2024–25 growing season.



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

# SOYBEAN VARIETIES



## 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 soybean seed treatment will include **multiple fungicides, an insecticide, and 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 Soybean Cyst Nematode control.*

*DFender SDS which includes 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.**

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	Brown Stem Rot
<b>NEW</b> DF 3144 N E3	1.4	PI88788	Med-Tall	Bush	Buff	S	White	1	3	1	3a	3	3	NG
<b>NEW</b> DF 3165 N E3	1.6	PI88788	Med-Tall	Med-Bush	Imp. Black	M	Purple	1	3	2	NG	3	3	1
DF 3194 N E3	1.9	Peking	Med-Tall	Med - Bush	Black	S	Purple	2	2	2	1k	2	1	1
DF 3211 N E3	2.1	PI88788	Medium	Med-Bush	Imp. Black	M	Purple	1	2	3	1k	1	5	2
<b>NEW</b> DF 3225 N E3	2.2	PI88788	Medium	Med-Bush	Brown	S	White	1	2	1.5	1k, 3a	2	3	N/A
<b>NEW</b> DF 3245 N E3	2.4	PI88788	Med-Tall	Med-Bush	Buff	S	White	1	3	2	1k	3	2.5	1
DF 3264 N E3	2.6	Peking	Medium	Bush	Black	S	Purple	1	2	3	1k	5	1	1
DF 151 N	1.5	PI88788	Medium	Med-Bush	Brown	M	Purple	1	3	3	1k	4	3	2
DF 151 N Org	1.5	PI88788	Medium	Med-Bush	Brown	M	Purple	1	3	3	1k	4	3	2
DF 174 N F	1.7	PI88788	Medium	Bush	Clear	L	White/Purple	2	2	3	1c	3	3	N/A
DF 184 N	1.8	PI88788	Med-Tall	Bush	Black	M	White	2	2	1	1K	1	2	N/A
<b>NEW</b> DF 184 N Org	1.8	PI88788	Med-Tall	Bush	Black	M	White	2	2	1	1K	1	2	N/A
DF 204 N	2.0	PI88788	Med-Tall	Med-Bush	Black	S	White	1	4	1	1c	1	4	2
<b>NEW</b> DF 205 NF	2.0	PI88788	Med-Tall	Med-Bush	Clear	L	Purple/White	3	3	3	?	3	2	N/A
DF 214 N	2.1	PI88788	Medium	Med-Bush	Clear	L	White	2	2	4	1c	3	3	1
DF 234 N	2.3	Peking	Med-Tall	Med-Bush	Brown	M	Purple	1	1	4	1k	4	2	2
DF 155 F	2.5	None	Tall	Bush	Clear	L	Purple	1	2	2	1k	1	2	3
DF 155 F Org	2.5	None	Tall	Bush	Clear	L	Purple	1	2	2	1k	1	2	3
DF 260 N	2.6	PI88788/437654	Medium	Med-Bush	Buff	M	Purple	2	4	1	1k	4	3	N/A
DF 262 N F	2.6	PI88788	Med-Tall	Bush	Clear	L	Purple	2	3	2	NG	3	3	N/A
DF 262 N F Org	2.6	PI88788	Med-Tall	Bush	Clear	L	Purple	2	3	3	-	3	3	N/A
DF 282 N	2.8	PI88788	Med-Tall	Medium	Black	M	Purple	2	3	3	1c	2	3	4

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

**DF 151 N Org** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
1.5	Medium	Med-Bush

**EMERGENCE RATING 1**

**LODGING 3**

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

**DF 174 N F** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
1.7	Medium	Bush

**EMERGENCE RATING 2**

**LODGING 2**

- High protein over 40%, clear hilum variety
- Strong disease package with early maturity
- PRR tolerance with the 1c gene

**DF 184 N** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
1.8	Med-Tall	Bush

**EMERGENCE RATING 2**

**LODGING 2**

- Feed Grain, high yielding line
- Bushy soybean that fills wider rows
- Strong PRR tolerance for heavy soils

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

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
1.8	Med-Tall	Bush

**EMERGENCE RATING 2**

**LODGING 2**

- Feed Grain, high yielding line
- Bushy soybean that fills wider rows
- Strong PRR tolerance for heavy soils

**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!
- Manage for white mold with plant population
- This variety can move north to south

**NEW**  
**DF 205 NF** non  
GMO

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

**EMERGENCE RATING 3**

**LODGING 3**

- Clear hilum with 42%+ protein expected
- Strong performance for earlier maturity tofu market
- Above average tolerance to SDS

**DF 214 N** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.1	Medium	Med-Bush

**EMERGENCE RATING 2**

**LODGING 2**

- Clear hilum with yield
- Manage for white mold and place on well drained soils
- Strong tolerance to metribuzin chemistry

**DF 234 N** non  
GMO

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

**EMERGENCE RATING 1**

**LODGING 1**

- Yielding better than DF 231 N
- Strong emergence and standability
- Tolerant to STS® chemistry

# SOYBEAN VARIETIES



**DF 155 F** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.5	Tall	Bush

**EMERGENCE RATING** **1**

**LODGING** **2**

- Identity preserved (IP) product for premium food grade markets
- Best White Mold resistance and great emergence

**DF 155 F Org** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.5	Tall	Bush

**EMERGENCE RATING** **1**

**LODGING** **2**

- Identity preserved (IP) product for premium food grade markets
- Best White Mold resistance and great emergence

**DF 260 N** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.6	Medium	Med-Bush

**EMERGENCE RATING** **2**

**LODGING** **4**

- Best SCN resistance in the DF lineup
- Excellent Phytophthora tolerance
- Performs on all soil types, branching plant structure

**DF 262 N F** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.6	Med-Tall	Bush

**EMERGENCE RATING** **2**

**LODGING** **3**

- Food grade, high protein soybean for potential food grade markets
- Better standability than DF 155 F

**DF 262 N F Org** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.6	Med-Tall	Bush

**EMERGENCE RATING** **2**

**LODGING** **3**

- Food grade, high protein soybean for potential food grade markets
- Better standability than DF 155 F

**DF 282 N** non  
GMO

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.8	Med-Tall	Medium

**EMERGENCE RATING** **2**

**LODGING** **3**

- Top yield finisher in yield trials
- Loves the high yield environment
- Great white mold and SDS tolerances



**“DF Seeds offers product that has everything I’m looking for. The quality control on the seed is excellent, the seed treatment options are superior, it’s grown right here in Michigan, and most importantly the yield potential exceeds the competition.”**

*Luke Gentz*



# SOYBEAN VARIETIES

**NEW**  
**DF 3144 N E3**

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
1.4	Med-Tall	Bush

**EMERGENCE RATING 1**

**LODGING 3**

- Great emergence and stress tolerance
- Handles heavy soils with excellent PRR resistance, 3a
- Bushy type bean with SCN

**NEW**  
**DF 3165 N E3**

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

**EMERGENCE RATING 1**

**LODGING 3**

- Offensive yielding variety
- Strong Field tolerance to PRR
- Manage for White Mold and SDS

**DF 3194 N E3**

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

**EMERGENCE RATING 2**

**LODGING 2**

- Consistent yield for variable soils
- Medium-thin line helps manage white mold
- Peking SCN resistance

**DF 3211 N E3**

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.1	Medium	Med-Bush

**EMERGENCE RATING 1**

**LODGING 2**

- Proven performer in all yield environments
- Defensive package with strong White Mold, Phytophthora and SCN
- Strong finishing variety and fits in high yield environments

**NEW**  
**DF 3225 N E3**

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.2	Medium	Med-Bush

**EMERGENCE RATING 1**

**LODGING 2**

- A new look in the high yielding lines
- Strong overall defense package with 2 sources of PRR resistance
- Solid White Mold resistance

**NEW**  
**DF 3245 N E3**

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

**EMERGENCE RATING 1**

**LODGING 3**

- Increased yield over DF 3251 N
- Manage plant populations to increase standability and decrease White Mold

**DF 3264 N E3**

RELATIVE MATURITY	PLANT HEIGHT	PLANT TYPE
2.6	Medium	Bush

**EMERGENCE RATING 1**

**LODGING 2**

- Top yielding Peking line
- Manage for White Mold and place on well drained soils
- Strong tolerance to SDS





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

**ORGANIC HYBRIDS:** Legacy Seeds will be offering organically produced conventional hybrids for 2025 ranging in maturity from 90 to 102 day. The products include: **LCO-3017, LCO431-20, LCO444-21, LCO-3517, LCO-3816, LCO-5217** and **LC0534-24**.



**CONVENTIONAL HYBRIDS:** For 2025, 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 2025 planting season: **LC354-20, LC-2817, LC394-22, LC-3011, LC-3017, LC431-20, LC444-21, LC-3517, LC451-21, LC-3816, LC484-24, LC497-24, LC-4248, LC517-24, LC-5217, LC525-21** and **LC534-24**. These hybrids will have limited supplies so order by **December 31, 2024**.



## RATION CHOICE® CORN SILAGE SYSTEM

We take pride in understanding our customers' 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, 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.

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			
RR2 Roundup Ready® Corn 2	VT2P RIB VT Double PRO® RIB Complete® Corn Blend	DGVT2P RIB DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend	VT4P RIB VT4PRO™ RIB Complete®
SSX RIB SmartStax® RIB Complete® Corn Blend	SSP RIB SmartStax® PRO RIB Complete® Corn Blend		TRECEPTA RIB Trecepta® RIB Complete® Corn Blend
GT Agrisure® GT	AA Agrisure® Above		V Viptera®
D Duracade®	DV DuracadeViptera™		PCE PowerCore® Enlist® Refuge Advanced®



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>	LC261-24	VT2P RIB	76	1900	962	4	30-34	3	3	2	3	2	3	3	3
	LC-1818	CONV, RR2, VT2P RIB	78	1917	956	2	32-38	2	2	2	2	3	2	3	3
<b>NEW</b>	LC351-24	VT2P RIB	85	2193	1138	3	28-34	2	2	3	2	3	2	3	3
	LC354-23	PCE REFUGE ADVANCED®	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
	LC363-23	AA	86	2155	1150	3	30-38	2	2	2	2	1	3	2	2
	LC364-23	VT2P RIB	86	2150	1150	3	32-38	2	2	3	2	3	2	3	2
<b>NEW</b>	LC365-23	PCE REFUGE ADVANCED®	86	2130	1140	3	32-38	2	2	2	2	3	2	2	2
<b>NEW</b>	LC373-24	V	87	2175	1155	3	26-36	3	2	2	2	1	2	2	2
	LC381-23	CONV, VT2PRIB	88	2202	1119	3	28-34	2	2	3	3	2	3	3	3
<b>NEW</b>	LC384-24	SSX RIB	88	2250	1150	3	32-38	2	2	2	2	4	3	3	3
<b>NEW</b>	LC394-24	PCE REFUGE ADVANCED®	89	2270	1140	3	30-36	2	2	3	2	3	2	2	1
	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
<b>NEW</b>	LC404-24	VT2P RIB	90	2280	1200	4	28-36	2	2	3	3	2	3	4	3
	LC414-21	VT2P RIB, SSX RIB	91	2285	1200	3	30-38	2	2	2	2	3	2	2	1
<b>NEW</b>	LC411-23	SSX RIB	92	2325	1262	4	30-38	3	3	3	3	3	3	2	2
	LC-3115	RR2	92	2300	1220	3	28-36	2	2	3	3	2	3	3	3
	LC431-20	CONV, RR2, SSX RIB, VT2P RIB	93	2268	1163	1	30-36	1	1	4	3	2	3	4	3
	LC444-21	CONV, GT, V	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
	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
<b>NEW</b>	LC463-24	DV	96	2387	1245	3	26-34	3	3	2	2	1	2	2	3
	LC465-23	PCE REFUGE ADVANCED®	96	2395	1265	3	30-38	2	2	2	2	4	2	1	1



# 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	ML	SF	R	14-16	3	2	2	3	G	2	3	1	1	1	3	2	LC261-24	NEW
S	M	L	SF	R	12-14	2	3	2	NA	3	4	NA	3	1	1	4	2	LC-1818	
M	MH	M	SF	R	18-20	3	3	3	3	3	4	4	3	1	1	4	2	LC351-24	NEW
MT	MH	ML	SF	R	14-16	3	2	3	NA	2	3	3	2	1	1	3	2	LC354-23	
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	
MT	M	MG	SF	R	18-20	3	2	3	3	3	3	4	1	1	2	3	1	LC364-23	
MT	M	M	SF	R	14-16	3	2	2	2	2	2	NA	1	1	3	3	2	LC365-23	NEW
MT	MH	M	SF	R	16-18	2	2	3	NA	2	3	3	1	1	1	3	2	LC373-24	NEW
T	MH	MG	SF	R	16-18	3	2	3	3	2	3	4	2	1	1	4	2	LC381-23	
M	M	M	SF	R	16-18	2	2	2	3	2	3	4	1	1	2	1	2	LC384-24	NEW
MT	MH	ML	SF	R	14-16	3	3	2	3	2	2	3	1	1	2	3	2	LC394-24	NEW
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	MH	L	FL	R	16-18	3	3	2	4	3	3	3	1	1	1	4	2	LC404-24	NEW
MT	MH	ML	SF	R	14-16	2	3	2	2	2	1	3	1	1	2	1	2	LC414-21	
M	M	M	SF	R	16-18	3	3	3	3	2	2	4	1	1	3	1	2	LC411-23	NEW
MT	M	ML	SF	R	16-18	3	4	3	3	2	3	3	1	1	1	1	2	LC-3115	
MT	MH	MG	SF	R	16-18	3	2	3	4	3	1	NA	1	1	2	1	2	LC431-20	
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	
M	MH	ML	SF	R	16-18	3	2	3	3	3	2	4	1	1	2	2	2	LC454-22	
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	MH	M	SF	R	16-18	3	3	3	3	2	3	2	1	1	1	1	2	LC463-24	NEW
MT	M	M	SF	R	16-18	3	3	2	3	2	3	3	1	1	4	4	2	LC465-23	



	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>	LC471-23	TRECEPTA RIB	97	2363	1242	2	30-36	2	3	2	2	2	2	3	2	
	LC474-23	PCE REFUGE ADVANCED®	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	
<b>NEW</b>	LC501-24	VT4P RIB	97	2414	1238	2	32-38	2	2	3	3	3	3	3	3	
<b>NEW</b>	LC481-24	SSP RIB	98	2476	1270	3	32-36	2	2	3	3	2	4	3	3	
<b>NEW</b>	LC484-24	CONV, PCE REFUGE ADVANCED®	98	2490	1245	3	28-36	2	2	2	2	2	3	3	2	
	LC492-22	VT2P RIB	99	2490	1289	3	32-38	3	2	3	3	3	2	2	2	
	LC494-23	PCE REFUGE ADVANCED®	99	2450	1230	2	34-38	1	1	2	2	3	2	2	2	
<b>NEW</b>	LC497-24	CONV	99	2409	1264	3	32-38	3	3	3	3	3	3	3	3	
	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	
<b>NEW</b>	LC517-24	CONV	101	2505	1331	3	30-36	2	2	2	2	3	3	2	2	
	LC525-21	CONV, PCE REFUGE ADVANCED®	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	
<b>NEW</b>	LC523-24	D	102	2568	1300	3	24-36	2	2	2	2	1	2	3	3	
	LC531-24	VT4P RIB	103	2522	1331	3	32-36	2	2	3	3	3	3	3	3	
	LC534-23	TRECEPTA RIB	103	2555	1275	3	32-38	2	3	2	2	4	2	2	3	
<b>NEW</b>	LC534-24	CONV	103	2570	1250	3	28-36	2	2	3	2	1	3	3	2	
	LC541-22	SSX RIB	104	2588	1322	3	32-38	2	2	3	3	1	3	3	3	
	LC544-22	CONV, PCE REFUGE ADVANCED®	104	2575	1275	3	24-34	2	2	3	2	3	2	2	2	
	LC554-21	DGVT2P RIB	105	2605	1290	4	28-38	2	2	3	2	1	2	3	3	
	LC554-23	SSX RIB	105	2615	1260	3	28-36	2	3	3	2	4	2	2	2	
	LC565-22	PCE REFUGE ADVANCED®	106	2644	1269	3	30-36	2	1	2	2	2	2	3	2	
<b>NEW</b>	LC572-22	SSX RIB	107	2605	1270	2	32-38	3	2	3	3	2	2	3	2	
<b>NEW</b>	LC605-23	PCE REFUGE ADVANCED®	110	2772	1390	4	28-36	1	1	2	3	3	1	1	1	
	LCO-3816	ORGANIC CONV	99	2457	1257	3	28-36	2	2	2	1	2	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	Product	
M	M	M	SF	R	16-18	3	2	4	3	2	1	4	1	1	3	3	2	LC471-23	NEW
M	M	M	SF	R	14-16	3	3	3	3	3	3	3	1	1	3	3	1	LC474-23	
MT	M	MG	SF	P	16-18	3	2	3	4	4	3	3	1	1	1	4	2	LC-3718	
MT	M	G	SF	R	18-20	3	3	4	4	3	2	4	1	1	3	3	2	LC501-24	NEW
MT	MH	MG	SF	R	18-20	3	3	3	3	3	1	4	1	1	1	1	2	LC481-24	NEW
MT	MH	ML	SF	P	16-18	3	3	2	2	1	2	2	2	1	1	3	2	LC484-24	NEW
MT	M	M	SF	R	16-18	3	3	3	3	2	3	3	1	1	2	3	2	LC492-22	
MT	MH	M	SF	R	14-16	3	3	2	2	2	2	2	2	1	2	1	2	LC494-23	
MT	M	M	SF	R	14-16	3	3	2	3	3	3	3	1	1	3	4	2	LC497-24	NEW
M	M	MG	SF	R	18-20	3	3	3	3	3	3	3	1	1	1	3	2	LC503-22	
MT	M	MG	SF	R	18-20	3	3	2	3	3	2	3	1	1	2	3	1	LC-4248	
MT	MH	M	SF	R	16-18	2	3	3	2	2	2	2	1	1	3	4	2	LC517-24	NEW
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	
MT	ML	ML	SF	R	16-18	2	2	3	3	2	3	3	1	1	1	1	2	LC523-24	NEW
MT	MH	M	SF	R	14-16	3	2	3	3	3	1	4	1	1	3	2	2	LC531-24	
M	M	ML	SF	R	14-16	2	2	4	2	2	2	4	1	1	3	2	1	LC534-23	
M	M	ML	SF	R	16-18	3	3	2	3	2	3	3	1	1	1	3	2	LC534-24	NEW
M	M	MG	SF	R	18-20	3	1	2	3	3	1	3	1	1	3	1	2	LC541-22	
MT	MH	ML	SF	R	16-18	1	2	3	2	2	2	2	1	1	2	2	2	LC544-22	
MT	MH	L	FL	R	16-18	3	2	3	2	2	1	4	1	1	1	2	2	LC554-21	
MT	M	ML	SF	R	14-16	2	2	3	2	2	2	4	1	1	3	1	1	LC554-23	
T	MH	MG	SF	R	16-18	2	3	2	2	4	2	1	2	1	2	2	2	LC565-22	
MT	M	M	SF	R	16-18	3	2	3	4	1	2	4	1	1	2	3	1	LC572-22	NEW
M	M	ML	FL	P	18-20	2	3	3	3	3	3	2	1	1	2	2	2	LC605-23	NEW
M	M	ML	SF	R	16-18	4	3	3	4	2	3	3	3	1	1	5	2	LCO-3816	



## 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



**NEW**

## LC404-24

90 RM

**OPTIONS:** VT2P RIB

- Dominate yield performance across environments
- Flex style ear type or a wide range of planting populations
- Shows outstanding performance across tough acres
- Best in zone and north of zone. Is a more die and dry hybrid for a fast drydown
- Very good response to fungicide applications

## 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



## 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



## 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**

## LC463-24

96 RM

**OPTIONS:** DV

- High yielding hybrid with consistent performance in high and lower yielding environments
- Adapted over a wide geography
- Good ear flex for varying plant populations
- Will perform with later maturing hybrids south of zone
- Solid stalks and roots

## LC465-23

96 RM

**OPTIONS:** PCE REFUGE ADVANCED\*

- 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



**NEW**  
**LC471-23**

97 RM

**OPTIONS:** TRECEPTA RIB

- Plot winner! Dominate performance over a wide area
- Agronomic package is excellent
- Flowers early for good northern movement with excellent stalks and root for south of zone movement
- Semi-flex ear type for low to moderate plant populations or variable rate planting
- A must plant hybrid

**LC474-23**

97 RM

**OPTIONS:** PCE REFUGE ADVANCED®

- 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

**NEW**  
**LC501-24**

97 RM

**OPTIONS:** VT4P RIB

- New VT4PRO™ technology for low to moderate rootworm areas
- Solid performance in moderate to higher yield environments
- Strong stalks and roots and good late season standability
- Very good grain quality and test weight
- Performs best in variable to high yield environments from I35 in MN and east

**NEW**  
**LC484-24**

98 RM

**OPTIONS:** CONV, PCE

- Strong performing hybrid as either a conventional or PowerCore® Enlist® hybrid
- 96 day as a conventional and 98 day as a PowerCore® Enlist® hybrid
- Outstanding disease tolerance to GLS, NCLB, Goss' Wilt and Tar Spot
- Large flexing ears with a small cob and deep kernels.
- Best positioned on medium to lighter soils. Very good stress tolerance

**NEW**  
**LC497-24**

99 RM

**OPTIONS:** CONV

- New conventional hybrid with very good top-end yield potential
- Consistent performance across all environments
- Taller, robust hybrid with an attractive look
- Overall good disease package
- Good east to west movement

**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



**NEW**  
**LC517-24**

101 RM

**OPTIONS:** CONV

- Strong performance over a wide area
- Adaptable to all soil types
- Strong stalks and roots with excellent grain quality and test weight
- Very good emergence for early planting or in no-till acres
- Excellent Tar Spot control

**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**  
**LC534-24**

103 RM

**OPTIONS:** CONV

- Consistent performance across high and low yield environments
- Long, balanced ears with good tip fill
- Medium plant height with high performance and stress tolerance
- Strong disease package for NCLB, Tar Spot and Goss' Wilt
- Widely adapted hybrid from east to west with good south of zone movement



Organically grown seed available in these varieties.

- LC0-3017 | LC0-3816
- LC0431-20 | LC0-5217
- LC0444-21 | LC0534-24
- LC0-3517



### 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 | DGV2P RIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend

VT2P RIB = VT Double PRO® RIB Complete® Corn Blend | VT4P RIB = VT4Pro™ RIB Complete® | D = Duracade® | DV = DuracadeViptera™ | LCO is organically grown seed corn

PCE = PowerCore® Enlist® Refuge Advanced® | RR2 = Roundup Ready® Corn 2 | SSX RIB = SmartStax® RIB Complete® Corn Blend

SSP RIB = SmartStax® PRO RIB Complete® Corn Blend | TRECEPTA RIB = Trecepta® RIB Complete® Corn Blend | V = Viptera®



## 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

# ALFALFA VARIETIES



## L-457HD+

Highly Digestible with APH2 Resistance

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



**NEW**

## L47-44

Excellent Yield, Persistence, and Quality

- New variety with strongest winter survival
- Outstanding forage yield and quality in aggressive harvestability
- Very fast recovery after harvest
- Saline Tolerance
- FD 4.7, WSI 1.0, DRI 33/35



## L46-08

High Aphanomyces Resistance - Race 1, 2, & 3

- Delivers top forage yields on tough soils
- Excellent forage quality potential
- Branch rooted alfalfa
- Strong winter survival and persistence
- FD 4.5, WSI 1.9, DRI 35/35



**NEW**

## L49H39

Powered by UltraBred®\*\*

- Proprietary from Legacy Alfalfa Breeding program
- Excellent Yield, Quality and Persistence
- Diverse populations with increased genetic purity
- Extended forage quality over time
- FD 4.3, WSI 1.3, DRI 34/35



**NEW**

## L49H47

Powered by UltraBred®\*\*

- Proprietary from Legacy Alfalfa Breeding program
- Excellent Yield, Quality and Persistence
- Diverse populations with increased genetic purity
- Fast Recovery after harvest
- FD 4.7, WSI 1.4, DRI 34/35



## L-442RR

Roundup Ready® Alfalfa with HR to APH2

- 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



## L45-52RR

FD 5 Roundup Ready® Alfalfa with HR to APH2

- 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 35/35

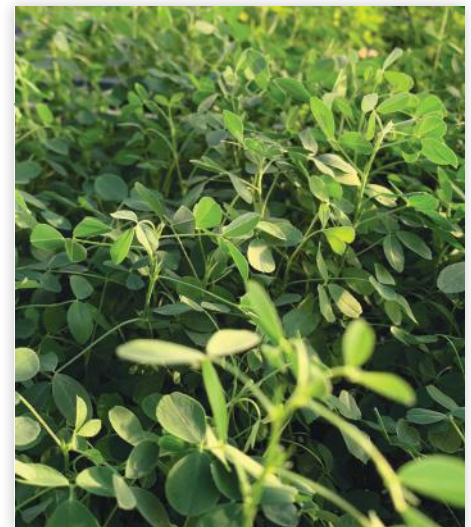


**NEW**

## L41-10

Proprietary Brand

- Very good yield potential
- Very good forage quality potential
- Works well in 3-4 cut systems
- FD 4.0, WSI 2.0, DRI 28/30





# ALFALFA VARIETIES

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	Tolerant	2	1	3	1	4
<b>NEW</b> L47-44	High Yield with top persistence *, **	4.7	1.0	33/35	Tap	1	1	1	HR	HR	HR	HR	HR	MR	HR	R	R	S	Tolerant	2	1	3	1	4
L46-08	APH2/APH3**	4.5	1.9	35/35	Branch	1	2	2	HR	HR	HR	HR	HR	HR	HR	R	HR	S	Tolerant	1	1	2	1	2
<b>NEW</b> L49H39	Powered by UltraBred® **	4.3	1.3	34/35	Branch	1	1	2	HR	HR	HR	HR	HR	R	HR	R	NR	S	Tolerant	2	1	3	1	2
<b>NEW</b> L49H47	Powered by UltraBred® **	4.7	1.4	34/35	Branch	1	1	1	HR	HR	HR	HR	HR	R	HR	R	NR	S	Tolerant	2	1	3	1	2
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	35/35	Tap	2	3	3	HR	HR	HR	HR	HR	HR	HR	R	S	NR	NR	3	1	2	1	4
Regent S	Saline Soil Tolerance	4.0	1.8	30/30	Tap	3	3	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	2	5	HR	HR	HR	HR	HR	NR	R	HR	MR	HR	NR	3	1	2	2	4
<b>NEW</b> L41-10	Proprietary Brand	4.0	2.0	28/30	Tap	3	3	3	HR	HR	R	HR	HR	NR	R	R	NR	S	NR	4	1	2	2	4



Inspired by the hybrid idea, we have created new products using proprietary methods to increase heterosis and improve genetic purity. This unique process of alfalfa variety development produces great yield and quality potential, with excellent persistence and production on each acre.

**\*: HIGHLY DIGESTIBLE | \*\*: STANDLIFE GENETICS\***  
 RECOVERY AFTER HARVEST RATINGS: 1 = VERY FAST | 2-3 = FAST | 4-5 = AVERAGE | 6-7 = SLOW | 8-9 = VERY SLOW  
 DISEASE RATINGS: HR = HIGHLY RESISTANT | R = RESISTANT | MR = MODERATELY RESISTANT | LR = LOW RESISTANCE | S = SUSCEPTIBLE | NR = NOT RATED  
 PERFORMANCE RATINGS: 1-2 = EXCELLENT | 3 = VERY GOOD | 4-5 = AVERAGE | 6-7 = FAIR | 8-9 = POOR

## NOTES

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# WHEAT VARIETIES



## 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 wheat seed treatment 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!***

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

**“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.”**

*Dwight Bartle*



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	1.5	2	3	1	3	3	4	3	3	4	1	4
DF 119 R	Red	Early	Awnletted	1.7	Medium	2	2	2	3	3	1	5	3	3	3	4	3
DF 121 R	Red	Medium	Awned	1.0	Medium-Short	1.5	1	2	3	2	2.5	3	4	2	2	2	4
DF 131 R	Red	Medium-Late	Awned	1.7	Medium-Short	2	1.5	3	2	2	2	2	3	3	4	1	4
<b>NEW</b> DF 144 R	Red	Medium	Awned	1.7	Medium	1	3	2.5	2	2	5	4	3	3	2	2	N/A
<b>Ambassador</b>	White	Early	Awnless	3.0	Medium	3	3	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	4	N/A
<b>NEW</b> DF 284 W	White	Medium-Late	Awnletted	2.0	Medium-Short	1.5	3	2	1	2	2	1	3	3	2	N/A	N/A



# WHEAT VARIETIES

## DF 112 R

Red Wheat

RELATIVE MATURITY	PLANT HEIGHT	HEAD TYPE
Medium-Late	Medium	Awned

**YIELD 1.5**

**TEST WEIGHT 2.0**

**STANDABILITY 3.0**

- Consistent yield performer and best overall yield in 2023 MSU trials
- Excellent tillering
- Excellent winter hardiness

## DF 119 R

Red Wheat

RELATIVE MATURITY	PLANT HEIGHT	HEAD TYPE
Early	Medium	Awnletted

**YIELD 2.0**

**TEST WEIGHT 2.0**

**STANDABILITY 2.0**

- Maximize ROI on inputs with this responsive variety
- Good standability for taller variety
- Best 2 year yield average in 2023 MSU trials

## DF 121 R

Red Wheat

RELATIVE MATURITY	PLANT HEIGHT	HEAD TYPE
Medium	Medium-Short	Awned

**YIELD 1.0**

**TEST WEIGHT 1.0**

**STANDABILITY 2.0**

- Excels on high productive soils
- Responds well to high management and improved standability and test weight
- Fhb1 Head Scab gene for improved Head Scab management
- Fungicide recommended for other foliar diseases

## DF 131 R

Red Wheat

RELATIVE MATURITY	PLANT HEIGHT	HEAD TYPE
Medium-Late	Medium-Short	Awned

**YIELD 2.0**

**TEST WEIGHT 1.5**

**STANDABILITY 3.0**

- #2 in National and #1 in Michigan Wheat yield contest irrigated at 171 bushels
- Great disease package for less intensive managed acres
- Fhb1 Head Scab gene for improved Head Scab management

## DF 144 R

Red Wheat

RELATIVE MATURITY	PLANT HEIGHT	HEAD TYPE
Medium	Medium	Awned

**YIELD 1.0**

**TEST WEIGHT 3.0**

**STANDABILITY 2.5**

- Great yield with strong test weight
- Pilot production for 2024 wheat crop. Limited Supply
- FHB 1 gene. Fungicide recommended for other foliar diseases

## Ambassador

White Wheat

RELATIVE MATURITY	PLANT HEIGHT	HEAD TYPE
Early	Medium	Awnless

**YIELD 3.0**

**TEST WEIGHT 3.0**

**STANDABILITY 4.0**

- Consistent yield from year to year
- High Quality Straw
- Must manage for Fusarium Head Scab

## DF 271 W

White Wheat

RELATIVE MATURITY	PLANT HEIGHT	HEAD TYPE
Medium	Medium-Short	Awnletted

**YIELD 1.0**

**TEST WEIGHT 2.0**

**STANDABILITY 2.0**

- YIELD! Best 2023 MSU White Wheat Yield Trials
- 2023 MSU White Wheat trials #1 Commercial variety in Sanilac and #2 in Tuscola and Ingham
- Responds well to intensive management with excellent standability

## DF 284 W

White Wheat

RELATIVE MATURITY	PLANT HEIGHT	HEAD TYPE
Medium-Late	Medium-Short	Awnless

**YIELD 1.5**

**TEST WEIGHT 3.0**

**STANDABILITY 2.0**

- Responds to high management
- Has FHB 1 gene and top Head Scab Index rating in 2023 MSU testing
- Has the Strip Rust Marker. Limited Supply

## NOTES

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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 applicable 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.

Roundup Ready® Technology contains genes that confer tolerance to glyphosate. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Plants that are not tolerant to glyphosate may be damaged or killed if exposed to those herbicides. Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. Herculex® is a registered trademark of Dow AgroSciences LLC. Agrisure Viptera® is a registered trademark of a Syngenta group company. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. Acceleron®, DroughtGard®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready®, SmartStax®, Trecepta®, VT Double PRO®, and VT4PRO™ are trademarks of Bayer Group.



Seeds containing the PowerCore® Enlist®, PowerCore® Enlist® Refuge Advanced®, and Enlist® Corn - REFUGE traits are protected under one or more U.S. patents which can be found at: [www.traitstewardship.com](http://www.traitstewardship.com). The purchase of this traited seed includes a limited license to produce a single crop in the United States. The use of seed from such a crop and/or the progeny thereof for propagation or seed multiplication or for production or development of a hybrid or different variety of seed is strictly prohibited. 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 Corteva Agriscience Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements.

To plant PowerCore Enlist, PowerCore Enlist Refuge Advanced, and Enlist Corn - REFUGE 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 a 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.

IRM - Properly managing trait technology is key to preserving it as a long term crop protection tool. Growers who fail to comply with IRM requirements risk losing access to this product. To help preserve the effectiveness of B.t. corn technologies, 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).

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Corteva Agriscience policies regarding stewardship of those products. In line with these guidelines, Corteva Agriscience's product launch process for responsible launches of new products includes a long-standing process to evaluate export market information, value chain consultations, and regulatory functionality. Growers and end-users must take all steps within their control to follow appropriate stewardship requirements and confirm their buyer's acceptance of the grain or other material being purchased. For more detailed information on the status of a trait or stack, please visit [www.biotradestatus.com](http://www.biotradestatus.com).

Following burndown, 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 with Enlist® corn and soybeans. Consult Enlist® herbicide labels for weed species controlled. Enlist Duo and Enlist One herbicides are not registered for use or sale in all states and counties; are not registered in AK, CA, CT, HI, ID, MA, ME, MT, NH, NV, OR, RI, UT, VT, WA and WY; and have additional subcounty restrictions in AL, GA, TN and TX, while existing county restrictions still remain in FL. All users must check "Bulletins Live! Two" no earlier than six months before using Enlist One or Enlist Duo. To obtain "Bulletins," consult [epa.gov/espp/](http://epa.gov/espp/), call 1-844-447-3813, or email [ESPP@epa.gov](mailto:ESPP@epa.gov). You must use the "Bulletin" valid for the month and state and county in which Enlist One or Enlist Duo are being applied. Contact your state pesticide regulatory agency if you have questions about the registration status of Enlist® herbicides in your area. **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. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USE IN THE STATE OF APPLICATION. USE OF PESTICIDE PRODUCTS, INCLUDING, WITHOUT LIMITATION, 2,4-D-CONTAINING PRODUCTS NOT AUTHORIZED FOR USE WITH ENLIST CORN AND SOYBEANS, MAY RESULT IN OFF-TARGET DAMAGE TO SENSITIVE CROPS/AREAS AND/OR SUSCEPTIBLE PLANTS, IN ADDITION TO CIVIL AND/OR CRIMINAL PENALTIES.** Additional product-specific stewardship requirements for Enlist crops, including the Enlist Product Use Guide, can be found at [www.traitstewardship.com](http://www.traitstewardship.com).

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are registered trademarks of Bayer Group. Always follow IRM, grain marketing and all other stewardship practices and pesticide label directions. B.t. products may not yet be registered in all states. Check with your seed representative for the registration status in your state. The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies, L.L.C. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.™ ® Trademarks of Corteva Agriscience and its affiliated companies.



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.

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.

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.

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

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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.

**STS®**

herbicide tolerant trait HERBICIDE STATEMENT: This variety contains a trait providing enhanced tolerance to specific sulfonylurea soybean herbicides such as Synchrony® XP and Classic® and any additional herbicides to be developed and as clearly noted on their herbicide label. **YOU MUST SIGN A TECHNOLOGY USE AGREEMENT, READ THE PRODUCT USE GUIDE PRIOR TO PLANTING.** The STS® gene will not safeguard this variety against other herbicide chemistries which are labeled to be used only over-the-top of crops that have a different and specified herbicide resistant gene. Always read and follow herbicide directions prior to use. ACCIDENTAL APPLICATION OF INCOMPATIBLE HERBICIDES TO THIS VARIETY COULD RESULT IN TOTAL CROP LOSS.



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