2022 PRODUCT GUIDE

# DF SEEDS

**MICHIGAN** PROVEN, **MICHIGAN** GROWN.

*Exported to the World.*

## A MESSAGE FROM OUR PRESIDENT

We are committed to the success of our customers. If you are successful, we will be the same. At DF Seeds, our goal is to provide you with the trait and genetic choices you need on your farm to make your seed purchases. As an independent company, it has always been our policy to provide multiple solutions and to recommend the ones that work best on your farm.

The professionals at DF Seeds have the experience and knowledge to help our customers make decisions that will benefit their farm and result in continued success and profitability. Since we grew up on farms, we understand the difficulty farmers face every day. We strive to make your seed buying decision based on knowledge, and what is best for your unique farm.

DF does extensive testing of our products in Michigan, under our unique conditions. This is key to moving products forward and commercializing them here. We need to test here to prove to you, our customer, that the performance of our varieties, year in and year out, is unmatched in the industry. We are passionate in our search to find IP non-GMO soybean varieties that can be used either domestically or exported to increase your profitability on your soybean acres. We know that our customers need to have a profitable market to sell their soybeans. Seed quality is a top priority for us. DF Seeds is committed to sell only seed that has a germination percentage of 90% or above. It is imperative that you start your crop year off with superior yield potential with seed that is of the highest quality available. Our mission is to ensure our customers that they are receiving a premium line of products, best in seed quality, field performance and service.

We look forward to working with you in 2022. Thank you for your business.

Christine A. Varner

**President**
517-819-6163

DF SEEDS

DF Seeds does more than grow and sell seed. Each year, we meet with soybean exporters to discuss their needs. We know that our customers need to have a profitable market to sell their soybeans. By meeting the need of the end use customer in our product selection, DF Seeds is adding profitability to the farmer's bottom line.

## OUR TEAM

**Sales Manager**
Jan Motz: 989-413-0384

**District Sales Mangers**
Chad Bender: 989-213-6177
Bob Bishop: 989-313-1787
Emily Calderone: 517-604-1607

**Research Agronomist**
Ty Bodeis: 517-243-4848

**Logistics/Seed Specialist**
Michelle Glass: 989-413-1659

## L-457HD+

*Highly Digestible with APH2 Resistance*

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

## L-470HD

*Persistence and Quality*

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

## L-451APH2+

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

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

## L-442RR

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

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

## L-450RR

*Roundup Ready® Alfalfa*

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

### RATING KEY

*: Highly Digestible | **: StandLife Genetics®

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

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

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

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

| Brand | Feature | Fall Dormancy | Winterhardiness (WSI) | Disease Rating Index (DRI) | Root Type | Yield Ability | Forage Quality | Recovery after Harvest | Bacterial Wilt | Fusarium Wilt | Anthracnose | Phytophthora Root Rot | Aphanomyces Root Rot (Race 1) | Aphanomyces Root Rot (Race 2) | Verticillium Root Rot | Aphids | Stem Nematodes | Potato Leafhopper | Salt Tolerance | Moderately Wet Soils | Well Drained Soils | Three Cut System | Four Plus Cut System | Grazing/Wheel Traffic Tolerance |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **L-457HD+** | HD® */APH2** | 4.3 | 1.8 | 34/35 | Branch | 1 | 1 | 2 | HR | HR | HR | HR | HR | R | HR | R | MR | S | NR | 2 | 1 | 3 | 1 | 4 |
| **L-470HD** | HD® with top persistence | 4.7 | 1.0 | 33/35 | Tap | 1 | 1 | 1 | HR | HR | HR | HR | HR | MR | HR | R | R | S | NR | 2 | 1 | 3 | 1 | 4 |
| **L-451APH2+** | APH2/APH3** | 4.5 | 1.9 | 35/35 | Branch | 1 | 3 | 3 | HR | HR | HR | HR | HR | HR | HR | R | HR | S | NR | 1 | 1 | 2 | 1 | 2 |
| **L-442RR** | FD4/APH2 | 4.4 | 1.3 | 35/35 | Tap | 2 | 3 | 3 | HR | HR | HR | HR | HR | HR | HR | R | R | S | NR | 2 | 1 | 2 | 2 | 4 |
| **L-450RR** | FD5 | 5.0 | 1.4 | 30/30 | Tap | 2 | 3 | 3 | HR | HR | HR | HR | HR | NR | HR | HR | R | S | NR | 3 | 1 | 2 | 1 | 4 |
| **Hoppernot 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 |

SCALE : 1-5 \\ 1 = BEST

ALFALFA VARIETIES

# SOYBEAN VARIETIES

| | Variety | Maturity | SCN | SCN Type | Plant Height | Plant Type | Hilum Color | Flower | Emergence | Lodging | Phytophthora Root Rot Field Tolerance | PRR Type | White Mold | Sudden Death Syndrome | Brown Stem Rot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DF 3141 N E3 | 1.4 | Resistant | PI88788 | Med-Tall | Med-Bush | Imp. Black | Purple | 1.2 | 1.5 | 1.8 | R1K | 1.8 | 3.0 | 1.5 |
| | DF 151 N | 1.5 | Resistant | PI88788 | Medium | Bush | Brown | Purple | 1.0 | 1.8 | 1.8 | RK | 2.0 | 1.8 | 1.5 |
| NEW | DF 3172 N E3 | 1.7 | Resistant | PI88788 | Med-Tall | Bush | Buff | Purple/White | 1.5 | 2.2 | 1.5 | RPS 3A | 3.0 | 2.0 | 2.0 |
| Available Organic | DF 187 N | 1.8 | Resistant | PI88788 | Med-Tall | Medium | Clear | Purple | 1.3 | 1.4 | 1.8 | N/A | 1.8 | 1.8 | N/A |
| | DF 3191 N E3 | 1.9 | Resistant | PI88788 | Medium | Med-Bush | Imp. Black | Purple | 1.2 | 2.0 | 1.8 | NG | 1.8 | 3.0 | 1.5 |
| | DF 201 N | 2.0 | Resistant | PI88788 | Medium | Bush | Black | Purple | 1.0 | 1.8 | 1.8 | RA | 2.0 | 1.8 | 1.5 |
| | DF 210 N | 2.1 | Resistant | Peking | Medium | Bush | Buff | Purple | 1.0 | 2.2 | 1.2 | RK | N/A | N/A | 2.5 |
| | DF 3211 N E3 | 2.1 | Resistant | PI88788 | Medium | Med-Bush | Imp. Black | Purple | 1.2 | 1.8 | 1.8 | R1K | 2.0 | 3.0 | 1.5 |
| | DF 6210 N LLGT27 | 2.1 | Resistant | PI88788 | Med-Tall | Med-Bush | Black | Purple | 1.2 | 1.0 | 2.5 | NG | 2.2 | 2.5 | 1.4 |
| | DF 227 N | 2.2 | Resistant | PI88788 | Medium | Medium | Brown | Purple/White | 1.0 | 1.6 | 1.8 | RA | 1.5 | 2.0 | 1.5 |
| | DF 231 N | 2.3 | Resistant | PI88788 | Medium | Bush | Black | Purple | 1.0 | 1.5 | 1.7 | RA | 2.0 | 1.8 | 1.5 |
| NEW | DF 3242 N E3 | 2.4 | Resistant | PI88788 | Med-Tall | Med-Bush | Buff | White | 1.8 | 2.0 | 2.0 | RPS 1K | 3.0 | 2.5 | 2.0 |
| Available Organic | DF 155 F | 2.5 | Susceptible | None | Tall | Medium | Clear | Purple | 1.2 | 1.5 | 1.3 | RG1K | 0.8 | 1.3 | 1.8 |
| | Lily | 2.5 | Susceptible | None | Tall | Medium | Clear | Purple | 1.2 | 1.5 | 1.3 | RG1K | 0.8 | 1.3 | 1.8 |
| | Jackson | 2.5 | Susceptible | None | Tall | Medium | Clear | Purple | 1.2 | 1.5 | 1.3 | RG1K | 0.8 | 1.3 | 1.8 |
| | DF 3251 N E3 | 2.5 | Resistant | PI88788 | Med-Tall | Medium | Imp. Black | Purple | 1.2 | 2.0 | 1.9 | NG | 2.1 | 3.0 | 1.5 |
| | DF 260 N | 2.6 | Resistant | PI88788/437654 | Medium | Med-Bush | Buff | Purple | 1.5 | 2.0 | 1.0 | RK | 2.5 | 2.1 | N/A |
| NEW Available Organic | DF 262 N F | 2.6 | Resistant | PI88788 | Med-Tall | Bush | Clear | Purple/White | 1.5 | 2.0 | 1.5 | RG1K, 4 | 2.0 | 2.0 | N/A |
| | DF 6269 N LLGT27 | 2.6 | Resistant | PI88788 | Medium | Medium | Black | Purple | 1.1 | 2.2 | 1.2 | HC | 2.0 | N/A | N/A |
| NEW | DF 3272 N E3 | 2.7 | Resistant | PI88788 | Med-Tall | Med-Bush | Buff | Purple/White | 1.5 | 2.5 | 1.5 | RPS 1C | 3.0 | 2.5 | 2.5 |
| NEW | DF 282 N | 2.8 | Resistant | PI88788 | Medium | Med-Bush | Black | Purple | 1.0 | 1.7 | 1.7 | RPS 1C | 1.0 | 1.7 | 2.0 |
| | DF 6280 N LLGT27 | 2.8 | Resistant | PI88788 | Med-Tall | Med-Bush | Brown | Purple | 1.5 | 2.5 | 1.8 | RG1K | N/A | 2.8 | 1.0 |

N/A = NOT AVAILABLE | N = SCN RESISTANCE | F= FOOD GRADE | *EXCLUSIVE END USE CONTRACT REQUIRED

**RESISTANT** = <10% INFECTED PLANTS
**FIELD TOLERANT** = <30% INFECTED PLANTS
**SUSCEPTIBLE** = >30% INFECTED PLANTS

# The Enlist™ System – Get Control of Tough Weeds

Enlist E3 SOYBEANS

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

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

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

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

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

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

**On-Target Applications**

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

## DF 3141 N E3

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 1.4 | Med-Tall | Med-Bush |

| | |
|---|---|
| EMERGENCE RATING | 1.2 |
| LODGING | 1.5 |

- Early Maturity Enlist yield winner
- Combines SCN, White Mold and Phytophthora resistance

NEW

## DF 3172 N E3

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 1.7 | Med-Tall | Bush |

| | |
|---|---|
| EMERGENCE RATING | 1.5 |
| LODGING | 2.2 |

- Productive lateral branching
- Improved stress tolerance with these new genetics
- Will have 2% brown hilum with this variety.

## DF 3191 N E3

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 1.9 | Medium | Med-Bush |

| | |
|---|---|
| EMERGENCE RATING | 1.2 |
| LODGING | 2 |

- Consistent top yield performance across all environments
- Combines strong White Mold and Phytophthora disease resistance
- Out yields the competition in high yield and low yield environments

## DF 3211 N E3

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.1 | Medium | Med-Bush |

| | |
|---|---|
| EMERGENCE RATING | 1.2 |
| LODGING | 1.8 |

- Must try soybean in Group 2 varieties
- Defensive package with strong White Mold, Phytophthora and SCN
- Strong finishing variety and fits in high yield environments

NEW

## DF 3242 N E3

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

| | |
|---|---|
| EMERGENCE RATING | 1.8 |
| LODGING | 2 |

- Always beats the check in all soil types
- Better standability than DF 3251 N E3
- Manage for diseases

## DF 3251 N E3

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.5 | Med-Tall | Medium |

| | |
|---|---|
| EMERGENCE RATING | 1.2 |
| LODGING | 2 |

- Strong yield performance in all environments
- Very good IDC
- Manage for White Mold and standability

NEW

## DF 3272 N E3

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.7 | Med-Tall | Med-Bush |

| | |
|---|---|
| EMERGENCE RATING | 1.5 |
| LODGING | 2.5 |

- Unique genetics that excels across all acres
- Called "clean" in most plots
- Has better stress tolerance the DF 3271 N E3.

SOYBEAN VARIETIES

SCALE : 1-5 \\ 1 = BEST

# SOYBEAN VARIETIES

## DF 6210 N LLGT27

LIBERTYLINK GT27

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.1 | Med-Tall | Med-Bush |

| | |
|---|---|
| EMERGENCE RATING | 1.2 |
| LODGING | 1 |

- Top performer LLGT27 in Michigan trials
- Strong emergence and standability
- Handles stress well as shown in 2019 trials

## DF 6269 N LLGT27

LIBERTYLINK GT27

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.6 | Medium | Medium |

| | |
|---|---|
| EMERGENCE RATING | 1.1 |
| LODGING | 2.2 |

- Excellent yield performance on farms and in trials
- Very good defensive package, awesome White Mold
- Top yield with +5 over DF 9232 N LL

## DF 6280 N LLGT27

LIBERTYLINK GT27

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.8 | Med-Tall | Med-Bush |

| | |
|---|---|
| EMERGENCE RATING | 1.5 |
| LODGING | 2.5 |

- Next level yield for southern Michigan
- Handles stress very well
- Strong Phytophthora, above average SDS

## DF 151 N

non GMO

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 1.5 | Medium | Bush |

| | |
|---|---|
| EMERGENCE RATING | 1 |
| LODGING | 1.8 |

- Top yield for maturity
- Very Good early canopy
- SCN resistance, with Phytophthora protection

## DF 187 N *AVAILABLE ORGANIC*

non GMO

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 1.8 | Med-Tall | Medium |

| | |
|---|---|
| EMERGENCE RATING | 1.3 |
| LODGING | 1.4 |

- Clear hilum, high protein
- Soybean Cyst Nematode resistance and great plant health
- MSU Central top yield, 2.0 or less
- Early maturity for wheat planting

## DF 201 N

non GMO

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.0 | Medium | Bush |

| | |
|---|---|
| EMERGENCE RATING | 1 |
| LODGING | 1.8 |

- Excellent emergence and bush plant type for early canopy
- Strong Phytophthora resistance with SCN
- Similar yield to DF 227 with earlier maturity

## DF 210 N

non GMO

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.1 | Medium | Bush |

| | |
|---|---|
| EMERGENCE RATING | 1 |
| LODGING | 2.2 |

- Consistent yield across all environments
- Top of the line defensive package
- Unique Non-GMO Peking SCN resistance

## DF 227 N

non GMO

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.2 | Medium | Medium |

| | |
|---|---|
| EMERGENCE RATING | 1 |
| LODGING | 1.6 |

- Must plant Non-GMO variety
- Defensive, consistent variety with Soybean Cyst Nematode protection
- Top 2.5 and shorter Non-GMO in Best of the Best plot in 2018 and 2019

## DF 231 N

non GMO

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.3 | Medium | Bush |

| | |
|---|---|
| EMERGENCE RATING | 1 |
| LODGING | 1.5 |

- Top yield potential
- Solid disease defense package
- Strong standability

## DF 155 F *AVAILABLE ORGANIC*

non GMO

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.5 | Tall | Medium |

| | |
|---|---|
| EMERGENCE RATING | 1.2 |
| LODGING | 1.5 |

- Identity preserved (IP) product for premium food grade markets
- Great emergence
- Yield with best White Mold resistance for Non-GMO in this maturity

## DF 260 N

non GMO

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.6 | Medium | Med-Bush |

| | |
|---|---|
| EMERGENCE RATING | 1.5 |
| LODGING | 2 |

- Top Non-GMO in 2018 and 2019 Best of the Best plot
- Excellent Phytophthora tolerance
- Performs on all soil types. Branching plant structure
- Won 2019 MSU Conventional Trial

## NEW DF 262 N F *AVAILABLE ORGANIC*

non GMO

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.6 | Med-Tall | Bush |

| | |
|---|---|
| EMERGENCE RATING | 1.5 |
| LODGING | 2 |

- Tested as DF EX 19.2. Higher protein than DF 155 F
- Food Grade, high protein soybean for potential food grade markets

## NEW DF 282 N

non GMO

| RELATIVE MATURITY | PLANT HEIGHT | PLANT TYPE |
|---|---|---|
| 2.8 | Medium | Med-Bush |

| | |
|---|---|
| EMERGENCE RATING | 1 |
| LODGING | 1.7 |

- Yield comes from the pod clusters in the middle section of the plant
- Strong SCN And SDS resistance scores
- Attractive plant in the field

## 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 an 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 offers 100% free replant on all soybean seed treated with DFender seed treatment.***

SCALE : 1-5 \\ 1 = BEST

NOTES

# WHEAT VARIETIES

| | Product | Grain Color | Relative Maturity | Head Type | Plant Height | Yield | Test Weight | Standability | Milling Quality | Straw Strength | 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 105 R** | Red | Early | Awned | Med-Short | 1.2 | 3.0 | 2.0 | 1.0 | 2.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 3.0 | 2.0 | 1.0 | 1.0 |
| | **DF 112 R** | Red | Med -Late | Awned | Medium | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 |
| | **DF 119 R** | Red | Early | Awnletted | Medium | 1.0 | 1.0 | 1.0 | N/A | 1.0 | 2.0 | 2.0 | 1.0 | 2.5 | 2.0 | 2.0 | 1.5 | N/A | 1.5 |
| *NEW* | **DF 121 R** | Red | Medium | Awned | Medium | 1.0 | 1.5 | 1.5 | N/A | N/A | 2.0 | 1.0 | 2.0 | 1.5 | 2.5 | 1.5 | 1.2 | 1.5 | 2.0 |
| *NEW* | **DF 131 R** | Red | Med-Late | Awned | Medium | 1.2 | 1.0 | 1.5 | N/A | N/A | 1.5 | 1.0 | 1.2 | 1.2 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 |
| *NEW* | **DF 141 R** | Red | Med-Early | Awned | Med-Short | 1.0 | 1.0 | 1.2 | N/A | 1.0 | 2.0 | 1.5 | 2.0 | 1.8 | 2.0 | 2.0 | 2.0 | N/A | N/A |
| | **DF 218 W** | White | Med-Early | Awnletted | Med-Short | 1.3 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | N/A | N/A | N/A | N/A | N/A | N/A |
| *NEW* | **DF 261 W** | White | Med-Late | Awnletted | Medium | 1.5 | 1.7 | 1.2 | 1.0 | 2.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.5 | N/A | N/A |
| *NEW* | **DF 271 W** | White | Medium | Awnletted | Med-Short | 1.0 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 1.0 | 2.5 | 2.2 | 1.0 | N/A | N/A |
| | **Ambassador** | White | Early | Awnless | Medium | 1.5 | 2.0 | 1.2 | 1.0 | 1.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 |

## 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.

## DF 105 R — *Red Wheat*

| RELATIVE MATURITY | PLANT HEIGHT | HEAD TYPE |
|---|---|---|
| Early | Med-Short | Awned |

| | |
|---|---|
| YIELD | 1.2 |
| TEST WEIGHT | 3.0 |
| STANDABILITY | 2.0 |

- Pure yield, perfect for intensive wheat management
- Yields in all environments
- Tolerance to several diseases

## DF 112 R — *Red Wheat*

| RELATIVE MATURITY | PLANT HEIGHT | HEAD TYPE |
|---|---|---|
| Med-Late | Medium | Awned |

| | |
|---|---|
| YIELD | 1.0 |
| TEST WEIGHT | 2.0 |
| STANDABILITY | 2.0 |

- YIELD! MSU Red Wheat Trials top performer, 2014-2018
- Top straw yield
- Excellent winter hardiness

## DF 119 R — *Red Wheat*

| RELATIVE MATURITY | PLANT HEIGHT | HEAD TYPE |
|---|---|---|
| Early | Medium | Awnletted |

| | |
|---|---|
| YIELD | 1.0 |
| TEST WEIGHT | 1.0 |
| STANDABILITY | 1.0 |

- #1 in the MSU Red Wheat Variety Trials
- Improved standability
- Need to manage diseases, including Stripe Rust



SCALE : 1-5 \\ 1 = BEST

NEW

## DF 121 R — *Red Wheat*

| RELATIVE MATURITY | PLANT HEIGHT | HEAD TYPE |
|---|---|---|
| Medium | Medium | Awned |

| | |
|---|---|
| YIELD | 1.0 |
| TEST WEIGHT | 1.5 |
| STANDABILITY | 1.5 |

- Excellent standability with great yield
- Rugged variety to handle even the toughest soils

NEW

## DF 131 R — *Red Wheat*

| RELATIVE MATURITY | PLANT HEIGHT | HEAD TYPE |
|---|---|---|
| Med-Late | Medium | Awned |

| | |
|---|---|
| YIELD | 1.2 |
| TEST WEIGHT | 1.0 |
| STANDABILITY | 1.5 |

- Responds well to high management for top end yield
- Excellent Head Scab resistance
- Adapts well to all soil types

NEW

## DF 141 R

| RELATIVE MATURITY | PLANT HEIGHT | HEAD TYPE |
|---|---|---|
| | Med-Short | Awned |

| | |
|---|---|
| YIELD | 1.0 |
| TEST WEIGHT | 1.0 |
| STANDABILITY | 1.2 |

- Broadly adapted variety for all areas of Michigan
- Stiff straw and consistent field appearance
- Best results with high wheat management practices

## DF 218 W — *White Wheat*

| RELATIVE MATURITY | PLANT HEIGHT | HEAD TYPE |
|---|---|---|
| Med-Early | Med-Short | Awnletted |

| | |
|---|---|
| YIELD | 1.3 |
| TEST WEIGHT | 1.0 |
| STANDABILITY | 1.5 |

- Top yield like Ambassador in 2017-2018 MSU White Wheat Trials
- Gains test weight and head scab tolerance

NEW

## DF 261 W — *White Wheat*

| RELATIVE MATURITY | PLANT HEIGHT | HEAD TYPE |
|---|---|---|
| Med-Late | Medium | Awnletted |

| | |
|---|---|
| YIELD | 1.5 |
| TEST WEIGHT | 1.7 |
| STANDABILITY | 1.2 |

- Reponds well to high management
- Improved head scab resistance

NEW

## DF 271 W — *White Wheat*

| RELATIVE MATURITY | PLANT HEIGHT | HEAD TYPE |
|---|---|---|
| Medium | Med-Short | Awnletted |

| | |
|---|---|
| YIELD | 1.0 |
| TEST WEIGHT | 1.5 |
| STANDABILITY | 1.0 |

- Best 2020 yield in DF testing
- Excellent standability

## Ambassador — *White Wheat*

| RELATIVE MATURITY | PLANT HEIGHT | HEAD TYPE |
|---|---|---|
| Early | Medium | Awnless |

| | |
|---|---|
| YIELD | 1.5 |
| TEST WEIGHT | 2.0 |
| STANDABILITY | 1.2 |

- Top performer in MSU White Wheat Yield Trials, 2014-2018
- Unbeatable under intensive management
- High quality straw

NOTES

SCALE : 1-5 \\ 1 = BEST

LEGACY Seeds
Integrity. Performance. Solutions.

DF Seeds is an authorized distributor of Legacy Seeds corn.
**Legacy Seeds, LLC**
290 Depot Street
Scandinavia, WI 54977

Legacy Seeds offers corn hybrids from 77-113 day maturity. For 2022, there are 15 new hybrids for grain, silage, conventional and organic corn production.

ORGANIC HYBRIDS Legacy Seeds will be offering three organically produced conventional hybrids for 2022 ranging in maturity from 92 day to 98 day. The three hybrids are LCO431-20, LCO-3517 and LCO-3816. They are listed in the corn characteristics chart in this seed guide. LCO is our designation meaning Legacy Corn Organic.

CONVENATIONAL HYBRIDS For 2022, Legacy Seeds will be offering 24 conventional hybrids of which there will be several hybrids that will be no treatment options for transition or organic acres. Here is a list of hybrids that will have a no treatment option for 2022 planting season: LC354-20, LC-2735, LC-2817, LC-3017, LC413-20, LC431-20, LC-3517, LC-3816, LC-4248, LC503-21, LC-5217, LC-5438, LC564-20, LC592-21 and LC634-20. These hybrids will have limited supplies so order by December 31, 2021.

## CORN TRAIT KEY

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| DroughtGard HYBRIDS VTDoublePRO RIB COMPLETE | DGVT2P RIB DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend | SmartStax | SSX SmartStax® Corn | SmartStax RIB COMPLETE | SSX RIB SmartStax® RIB Complete® Corn Blend | Roundup Ready 2 CORN | RR2 Roundup Ready® Corn 2 |
| VTDoublePRO RIB COMPLETE | VT2P RIB VT Double PRO® RIB Complete® Corn Blend | POWERCORE Enlist | PWE PowerCore® Enlist® Corn | Agrisure GT | GT Agrisure® GT | Agrisure Artesian GTA | GTA Agrisure Artesian® GTA |
| Trecepta RIB COMPLETE | TRECEPTA RIB Trecepta® RIB Complete® Corn Blend | Agrisure LIBERTY LINK 3010 | 3010 Agrisure® 3010 | Agrisure LIBERTY LINK Viptera 3110 | 3110 Agrisure Viptera® 3110 | Agrisure LIBERTY LINK Viptera 3110A | 3110A Agrisure Viptera® 3110A |
| Agrisure 3122 E-Z Refuge | 3122 E-Z Agrisure® 3122 E-Z Refuge® | Agrisure Viptera 3220 E-Z Refuge | 3220 E-Z Agrisure Viptera® 3220 E-Z Refuge® | Agrisure Viptera 3330 E-Z Refuge | 3330 E-Z Agrisure Viptera® 3330 E-Z Refuge® | Agrisure Duracade 5122 E-Z Refuge | 5122 E-Z Agrisure Duracade® 5122 E-Z Refuge® |
| Agrisure Duracade 5222 E-Z Refuge | 5222 E-Z Agrisure Duracade® 5222 E-Z Refuge® | | | | | | |

| | | | MATURITY INFO | | | | AGRONOMIC & PLANT CHARACTERISTICS | | | | | | | | | | GRAIN & EAR CHARACTERISTICS | | | | | | SILAGE RATINGS | | | | | DISEASE RATINGS | | | | | PRODUCT POSITIONING | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BRAND | VALUE ADDED TRAITS | Grain RM | Silage RM | GDU - Black Layer | GDU - Mid Silk | Flowering for Maturity | Planting Rate 1000'S | Emergence | Seedling Vigor | Root Strength | Stalk Strength | Drought Tolerance | Greensnap | Staygreen | Fall Appearance | Plant Height | Ear Height | Ear Length | Ear Type | Cob Color | Kernel Rows | Test Weight | Dry Down | Kernel Texture | Crude Protein | Fiber Digestibility | Starch Content | Starch Digestibility | Northern Leaf Blight | Gray Leaf Spot | Goss' Wilt | Anthracnose Stalk Rot | Tar Spot | Ideal Yield Environments | Variable Yield Environments | Tough Yield Environments | Corn Following Corn | Fungicide Response |
| NEW | LC275-21 | GT | 77 | - | 1892 | 922 | 3 | 30-36 | 3 | 2 | 3 | 2 | 4 | 3 | 4 | 3 | M | M | ML | SF | R | 14-16 | 3 | 3 | - | - | - | - | - | 3 | 3 | 3 | NA | NA | 1 | 2 | 3 | 3 | 1 |
| | LC-1818 | CONV, RR2, VT2P RIB | 78 | - | 1917 | 938 | 2 | 32-38 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | S | M | L | SF | R | 12-14 | 2 | 3 | - | - | - | - | - | 2 | NA | 3 | 4 | NA | 3 | 1 | 1 | 4 | 2 |
| NEW | LC295-21 | 3110 | 79 | - | 1953 | 974 | 3 | 30-36 | 2 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | M | M | M | SF | R | 14-16 | 2 | 2 | - | - | - | - | - | 2 | 3 | 2 | NA | NA | 1 | 2 | 2 | 3 | 2 |
| | LC-2019 | VT2P RIB | 80 | - | 1975 | 975 | 2 | 30-36 | 2 | 2 | 2 | 2 | 4 | 3 | 3 | 3 | MS | M | M | SF | R | 12-14 | 3 | 4 | - | - | - | - | - | 3 | 4 | 4 | 3 | NA | 3 | 1 | 3 | 5 | 1 |
| NEW | LC304-21 | PWE | 80 | - | 1970 | 1020 | 3 | 28-34 | 2 | 2 | 3 | 3 | 2 | 3 | 4 | 3 | MT | M | M | SF | R | 16-18 | 3 | 2 | - | - | - | - | - | 4 | 3 | 4 | NA | NA | 2 | 1 | 1 | 4 | 1 |
| | LC-2245 | RR2, VT2P RIB | 81 | - | 2000 | 1060 | 3 | 28-36 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | MT | M | ML | SF | R | 16-18 | 2 | 2 | - | - | - | - | - | 2 | 2 | 3 | 2 | NA | 1 | 1 | 1 | 3 | 2 |
| | LC311-20 | VT2P RIB | 81 | - | 2061 | 1068 | 3 | 28-36 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | MT | M | MG | SF | R | 16-18 | 4 | 2 | - | - | - | - | - | 3 | 4 | 4 | 5 | NA | 1 | 1 | 3 | 5 | 1 |

| | | | MATURITY INFO | | | | AGRONOMIC & PLANT CHARACTERISTICS | | | | | | | | | | | | GRAIN & EAR CHARACTERISTICS | | | | | | SILAGE RATINGS | | | | | DISEASE RATINGS | | | | | PRODUCT POSITIONING | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BRAND | VALUE ADDED TRAITS | Grain RM | Silage RM | GDU - Black Layer | GDU - Mid Silk | Flowering for Maturity | Planting Rate 1000'S | Emergence | Seedling Vigor | Root Strength | Stalk Strength | Drought Tolerance | Greensnap | Staygreen | Fall Appearance | Plant Height | Ear Height | Ear Length | Ear Type | Cob Color | Kernel Rows | Test Weight | Dry Down | Kernel Texture | Crude Protein | Fiber Digestibility | Starch Content | Starch Digestibility | Northern Leaf Blight | Gray Leaf Spot | Goss' Wilt | Anthracnose Stalk Rot | Tar Spot | Ideal Yield Environments | Variable Yield Environments | Tough Yield Environments | Corn Following Corn | Fungicide Response |
| | **LC-2314** | CONV, RR2, VT2P RIB | 83 | - | 2117 | 1128 | 3 | 32-36 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | MT | M | MG | SF | R | 16-18 | 3 | 3 | - | - | - | - | - | 2 | NA | 4 | 3 | NA | 1 | 1 | 1 | 3 | 2 |
| | **LC-2347** | RR2, VT2P RIB | 83 | - | 2100 | 1120 | 2 | 32-38 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | M | M | ML | SF | R | 16-18 | 3 | 2 | - | - | - | - | - | 2 | 2 | 2 | 2 | NA | 1 | 1 | 1 | 1 | 2 |
| | **LC-2546** | RR2 | 84 | - | 2145 | 1126 | 2 | 28-32 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | MT | MH | ML | FL | P | 16-18 | 2 | 3 | - | - | - | - | - | 3 | 3 | 3 | 3 | NA | 2 | 1 | 1 | 3 | 2 |
| | **LC351-20** | VT2P RIB | 85 | 80 | 2152 | 1115 | 2 | 28-38 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | MT | MH | MG | SF | R | 18-20 | 3 | 3 | M | 2 | 3 | 1 | 2 | 3 | 4 | 3 | 3 | NA | 1 | 1 | 1 | 5 | 2 |
| NEW | **LC354-20** | CONV, 3110 | 85 | - | 2145 | 1140 | 4 | 28-36 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | MT | MH | MG | SF | P | 18-20 | 3 | 2 | - | - | - | - | - | 3 | 3 | 4 | NA | NA | 2 | 1 | 2 | 3 | 2 |
| | **LC-2735** | CONV, GTA | 86 | 81 | 2165 | 1125 | 3 | 28-32 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | MT | M | MG | SF | R | 16-18 | 3 | 3 | MH | 3 | 3 | 2 | 2 | 1 | NA | 2 | 3 | NA | 2 | 1 | 1 | 4 | 2 |
| | **LC-2817** | CONV, RR2, VT2P RIB | 86 | - | 2155 | 1122 | 2 | 32-38 | 2 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | MT | M | MG | SF | R | 18-20 | 2 | 2 | - | - | - | - | - | 3 | NA | 3 | 3 | NA | 1 | 1 | 3 | 4 | 2 |
| | **LC-2847** | VT2P RIB | 87 | 82 | 2245 | 1185 | 4 | 28-36 | 1 | 1 | 3 | 2 | 2 | 2 | 2 | 3 | MT | MH | ML | SF | R | 18-20 | 3 | 3 | M | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | NA | 2 | 1 | 1 | 2 | 2 |
| | **LC-2916** | VT2P RIB | 88 | - | 2247 | 1150 | 2 | 32-36 | 2 | 1 | 3 | 3 | 3 | 2 | 3 | 2 | M | M | MG | SF | R | 18-20 | 3 | 2 | - | - | - | - | - | 3 | 3 | 3 | 3 | NA | 2 | 1 | 3 | 3 | 2 |
| | **LC-2918** | VT2P RIB | 89 | - | 2243 | 1140 | 2 | 28-36 | 2 | 1 | 2 | 2 | 3 | 3 | 3 | 2 | ML | ML | ML | SF | R | 16-18 | 2 | 3 | - | - | - | - | - | 3 | 4 | 3 | 3 | NA | 3 | 1 | 1 | 4 | 2 |
| NEW | **LC391-20** | VT2P RIB | 89 | - | 2242 | 1191 | 3 | 30-36 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | M | M | MG | SF | P | 18-20 | 3 | 2 | - | - | - | - | - | 3 | 4 | 5 | 3 | NA | 1 | 1 | 1 | 5 | 2 |
| | **LC-3011** | CONV, RR2 | 90 | - | 2236 | 1120 | 2 | 28-34 | 3 | 2 | 1 | 3 | 1 | 2 | 2 | 3 | M | M | ML | SF | R | 14-16 | 3 | 1 | - | - | - | - | - | 2 | 3 | 2 | 4 | NA | 4 | 1 | 1 | 5 | 2 |
| | **LC-3017** | CONV, RR2, VT2P RIB | 90 | 85 | 2255 | 1141 | 3 | 30-38 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | M | M | MG | SF | R | 18-20 | 3 | 3 | M | 2 | 2 | 2 | 3 | 2 | 4 | 3 | 3 | 3 | 1 | 1 | 1 | 2 | 2 |
| | **LC-3048** | VT2P RIB, SSX RIB | 90 | 85 | 2270 | 1160 | 2 | 30-38 | 2 | 2 | 1 | 2 | 3 | 2 | 3 | 4 | M | M | MG | SF | R | 16-18 | 3 | 1 | M | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | NA | 1 | 1 | 2 | 2 | 2 |
| | **LC413-20** | CONV, 3110A, 3220 E-Z | 91 | 86 | 2275 | 1175 | 3 | 24-34 | 2 | 2 | 4 | 2 | 2 | 3 | 3 | 3 | MT | M | ML | SF | R | 18 | 4 | 4 | M | 2 | 3 | 2 | 2 | 1 | NA | 2 | 3 | NA | 1 | 1 | 1 | 4 | 1 |
| | **LC-3117** | VT2P RIB | 91 | - | 2275 | 1215 | 2 | 32-38 | 2 | 2 | 2 | 1 | 4 | 2 | 4 | 3 | MS | ML | M | SF | R | 16-18 | 2 | 2 | - | - | - | - | - | 2 | 4 | 4 | 4 | NA | 1 | 1 | 4 | 5 | 2 |
| | **LC-3115** | RR2, VT2P RIB, SSX RIB | 92 | 87 | 2300 | 1220 | 3 | 28-36 | 2 | 2 | 3 | 3 | 2 | 4 | 3 | 3 | MT | M | ML | SF | R | 16-18 | 3 | 4 | M | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 1 | 1 | 1 | 1 | 2 |
| | **LC-3043** | CONV | 93 | - | 2310 | 1240 | 3 | 28-36 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | MT | M | ML | SF | R | 16-18 | 3 | 3 | - | - | - | - | - | 2 | 3 | 3 | 2 | NA | 2 | 1 | 1 | 3 | 2 |
| | **LC431-20/ LCO 431-20** | ORGANIC CONV, CONV, RR2, VT2P RIB, SSX RIB | 93 | 88 | 2268 | 1163 | 1 | 30-36 | 1 | 1 | 4 | 3 | 2 | 3 | 4 | 3 | MT | MH | MG | SF | R | 16-18 | 3 | 2 | M | 2 | 2 | 2 | 2 | 3 | 4 | 3 | 1 | NA | 1 | 1 | 2 | 1 | 2 |
| | **LC-3416** | VT2P RIB | 94 | - | 2332 | 1196 | 2 | 32-38 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | MT | M | MG | SF | R | 18-20 | 4 | 2 | - | - | - | - | - | 4 | 4 | 3 | 4 | NA | 1 | 1 | 2 | 5 | 1 |

SCALE : 1-5 \\ 1 = BEST

CORN HYBRIDS

# CORN HYBRIDS

| | | | MATURITY INFO | | | | AGRONOMIC & PLANT CHARACTERISTICS | | | | | | | | | | | GRAIN & EAR CHARACTERISTICS | | | | | | SILAGE RATINGS | | | | | DISEASE RATINGS | | | | | PRODUCT POSITIONING | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BRAND | VALUE ADDED TRAITS | Grain RM | Silage RM | GDU - Black Layer | GDU - Mid Silk | Flowering for Maturity | Planting Rate 1000'S | Emergence | Seedling Vigor | Root Strength | Stalk Strength | Drought Tolerance | Greensnap | Staygreen | Fall Appearance | Plant Height | Ear Height | Ear Length | Ear Type | Cob Color | Kernel Rows | Test Weight | Dry Down | Kernel Texture | Crude Protein | Fiber Digestibility | Starch Content | Starch Digestibility | Northern Leaf Blight | Gray Leaf Spot | Goss' Wilt | Anthracnose Stalk Rot | Tar Spot | Ideal Yield Environments | Variable Yield Environments | Tough Yield Environments | Corn Following Corn | Fungicide Response |
| | LC-3419 | VT2P RIB | 94 | 89 | 2379 | 1220 | 3 | 28-36 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | M | M | MG | SF | R | 16-18 | 2 | 2 | M | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 4 | 1 | 1 | 3 | 5 | 2 |
| | LC-3438 | CONV | 94 | - | 2355 | 1230 | 3 | 26-34 | 2 | 3 | 2 | 2 | 1 | 2 | 3 | 2 | MT | M | ML | SF | R | 14-16 | 3 | 2 | - | - | - | - | - | 2 | 3 | 3 | NA | NA | 2 | 1 | 1 | 3 | 2 |
| | LC441-20 | VT2P RIB | 94 | 89 | 2346 | 1203 | 3 | 28-36 | 1 | 1 | 2 | 2 | 3 | 4 | 3 | 4 | M | M | MG | SF | R | 16-18 | 2 | 1 | M | 2 | 4 | 3 | 2 | 4 | 4 | 2 | 3 | 4 | 1 | 1 | 1 | 5 | 1 |
| NEW | LC451-21 | VT2P RIB | 95 | - | 2350 | 1205 | 3 | 32-38 | 2 | 2 | 4 | 3 | 3 | 3 | 4 | 2 | T | H | MG | SF | R | 16-18 | 2 | 2 | - | - | - | - | - | 3 | 4 | 4 | 2 | NA | 1 | 1 | 4 | 5 | 1 |
| | LC-3517/ LCO 3517 | ORGANIC CONV, CONV, RR2, VT2P RIB, SSX RIB | 95 | 91 | 2385 | 1241 | 4 | 30-38 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 2 | M | M | MG | SF | R | 16-18 | 2 | 2 | M | 3 | 4 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 1 | 1 | 1 | 3 | 2 |
| | LC-3537 | 3220 E-Z, 5222 E-Z | 95 | 90 | 2388 | 1255 | 3 | 28-34 | 2 | 2 | 4 | 4 | 4 | 3 | 3 | 4 | MT | MH | MG | SF | R | 18-20 | 3 | 2 | M | 3 | 4 | 2 | 3 | 3 | 3 | 2 | 3 | NA | 1 | 1 | 4 | 4 | 1 |
| NEW | LC416-20 | CONV LEAFY, RR2 LEAFY | | 91 | - | - | - | 24-30 | - | 2 | 1 | 2 | 2 | - | 3 | - | MT | - | - | FL | W | - | - | - | S | 3 | 4 | 3 | 1 | - | - | - | - | - | 1 | 1 | 1 | - | 2 |
| NEW | LC461-21 | DGVT2P RIB | 96 | - | 2374 | 1212 | 2 | 24-32 | 2 | 2 | 3 | 3 | 2 | 2 | 4 | 2 | MT | MH | L | FL | R | 16-18 | 1 | 2 | - | - | - | - | - | 4 | 4 | 4 | 4 | NA | 4 | 1 | 1 | 5 | 1 |
| | LC-3617 | VT2P RIB, SSX RIB | 96 | - | 2398 | 1225 | 3 | 32-38 | 1 | 1 | 3 | 2 | 3 | 2 | 3 | 3 | MT | M | MG | SF | R | 16-18 | 1 | 2 | - | - | - | - | - | 3 | 4 | 4 | 2 | NA | 1 | 1 | 5 | 1 | 1 |
| | LC-3712 | RR2 | 96 | - | 2400 | 1257 | 3 | 30-36 | 2 | 2 | 1 | 1 | 1 | 2 | 3 | 2 | M | M | ML | SF | R | 16-18 | 3 | 2 | - | - | - | - | - | 2 | 3 | 2 | 3 | 3 | 3 | 1 | 1 | 2 | 3 |
| NEW | LC474-20 | TRECEPTA RIB | 97 | 92 | 2410 | 1270 | 4 | 30-38 | 2 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | MT | MT | ML | SF | R | 16-18 | 3 | 2 | - | - | - | - | - | 3 | 3 | 2 | 2 | 3 | 1 | 1 | 2 | 2 | 2 |
| | LC-3718 | DGVT2P RIB | 98 | 93 | 2412 | 1267 | 3 | 30-36 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | MT | M | MG | SF | P | 16-18 | 3 | 2 | MH | 4 | 3 | 2 | 3 | 3 | 4 | 4 | 3 | 3 | 1 | 1 | 1 | 4 | 2 |
| | LC484-20 | VT2P RIB, SSX RIB | 98 | 93 | 2400 | 1240 | 3 | 28-36 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | MT | MH | ML | SF | R | 16-18 | 2 | 2 | M | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 2 | 2 |
| | LC-3816/ LCO 3816 | ORGANIC CONV, CONV, DGVT2P RIB | 99 | - | 2457 | 1257 | 3 | 28-36 | 2 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | M | M | ML | SF | R | 16-18 | 4 | 3 | - | - | - | - | - | 3 | 4 | 2 | 3 | 3 | 3 | 1 | 1 | 5 | 2 |
| | LC-3916 | SSX RIB | 99 | - | 2450 | 1241 | 3 | 32-38 | 3 | 2 | 2 | 1 | 3 | 2 | 2 | 2 | T | MH | MG | SF | R | 16-18 | 2 | 2 | - | - | - | - | - | 2 | 3 | 2 | 3 | 2 | 2 | 1 | 4 | 3 | 2 |
| | LC-3948 | RR2 | 99 | - | 2490 | 1235 | 3 | 30-36 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | MT | MH | MG | SF | R | 18-20 | 3 | 3 | - | - | - | - | - | 2 | 3 | 1 | 3 | NA | 1 | 1 | 2 | 2 | 3 |
| | LC-4118 | VT2P RIB, SSX RIB | 99 | 94 | 2475 | 1257 | 2 | 30-36 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | T | MH | MG | SF | R | 16-18 | 2 | 2 | MH | 4 | 2 | 2 | 3 | 4 | 3 | 3 | 2 | 4 | 1 | 1 | 3 | 1 | 2 |
| | LC 3469 | SSX RIB LEAFY | | 94 | - | - | - | 24-30 | - | 2 | 2 | 2 | 2 | - | 2 | - | MT | - | - | FL | R | - | - | - | MS | 2 | 4 | 2 | 2 | - | - | - | - | - | 1 | 1 | 2 | - | 2 |
| NEW | LC503-21 | CONV, 5222 E-Z | 100 | - | 2500 | 1254 | 3 | 24-36 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | M | M | MG | SF | R | 18-20 | 3 | 3 | - | - | - | - | - | 3 | 2 | 3 | 3 | 3 | 1 | 1 | 1 | 2 | 2 |



SCALE : 1-5 \\ 1 = BEST

| | | | MATURITY INFO | | | | AGRONOMIC & PLANT CHARACTERISTICS | | | | | | | | | | | GRAIN & EAR CHARACTERISTICS | | | | | | SILAGE RATINGS | | | | | DISEASE RATINGS | | | | | PRODUCT POSITIONING | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BRAND | VALUE ADDED TRAITS | Grain RM | Silage RM | GDU - Black Layer | GDU - Mid Silk | Flowering for Maturity | Planting Rate 1000'S | Emergence | Seedling Vigor | Root Strength | Stalk Strength | Drought Tolerance | Greensnap | Staygreen | Fall Appearance | Plant Height | Ear Height | Ear Length | Ear Type | Cob Color | Kernel Rows | Test Weight | Dry Down | Kernel Texture | Crude Protein | Fiber Digestibility | Starch Content | Starch Digestibility | Northern Leaf Blight | Gray Leaf Spot | Goss' Wilt | Anthracnose Stalk Rot | Tar Spot | Ideal Yield Environments | Variable Yield Environments | Tough Yield Environments | Corn Following Corn | Fungicide Response |
| LC-4248 | CONV, VT2P RIB, SSX RIB | 100 | 95 | 2510 | 1260 | 3 | 28-36 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | MT | M | MG | SF | R | 18-20 | 3 | 3 | M | 3 | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 1 | 1 | 2 | 3 | 1 |
| LC 3567 | CONV LEAFY, RR2 LEAFY | | 95 | - | - | - | 24-30 | - | 3 | 2 | 3 | 2 | - | 2 | - | MT | - | - | FL | W | - | - | - | S | 3 | 3 | 3 | 2 | - | - | - | - | - | 1 | 1 | 1 | - | 2 |
| LC 3667 | SSX | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LC-3961 | CONV LEAFY, RR2 LEAFY | | 96 | | - | - | 24-30 | - | 2 | 3 | 3 | 2 | - | 2 | - | - | VT | - | FL | W | - | - | - | S | 3 | 3 | 3 | 2 | - | - | - | - | - | - | - | - | - | - |
| LC-4317 | VT2P RIB | 100 | - | 2477 | 1220 | 3 | 30-36 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | MT | M | MG | SF | R | 16-18 | 1 | 3 | - | - | - | - | - | 2 | 4 | 3 | 4 | 2 | 1 | 1 | 1 | 4 | 2 |
| LC-4433 | 3122 E-Z | 100 | - | 2476 | 1212 | 3 | 28-34 | 3 | 2 | 3 | 2 | 1 | 2 | 2 | 2 | MT | MH | ML | SF | P | 14-16 | 2 | 3 | - | - | - | - | - | 3 | 3 | 2 | 3 | NA | 3 | 1 | 1 | 2 | 2 |
| LC-4148 | CONV | 101 | - | 2530 | 1240 | 4 | 26-34 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | MT | M | L | F | R | 14-16 | 2 | 4 | - | - | - | - | - | 3 | 3 | 2 | 4 | NA | 1 | 1 | 3 | 4 | 1 |
| NEW LC511-21 | SSX RIB | 101 | - | 2518 | 1240 | 2 | 30-36 | 2 | 3 | 4 | 3 | 3 | 2 | 2 | 2 | MT | M | ML | SF | R | 16-18 | 3 | 3 | - | - | - | - | - | 3 | 4 | 4 | 2 | NA | 1 | 1 | 1 | 1 | 1 |
| LC-4445 | DGVT2P RIB | 102 | - | 2540 | 1270 | 4 | 28-36 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | M | M | ML | SF | R | 16-18 | 3 | 2 | MH | 3 | 3 | 2 | - | 2 | 2 | 3 | 2 | NA | 3 | 1 | 1 | 2 | 2 |
| LC-4714 | SSX RIB | 102 | - | 2525 | 1275 | 2 | 32-38 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | M | M | MG | SF | P | 16-18 | 2 | 2 | - | - | - | - | - | 3 | 3 | 4 | 4 | NA | 2 | 1 | 4 | 2 | 1 |
| LC-5217 | CONV, RR2, VT2P RIB, SSX RIB | 103 | 98 | 2575 | 1307 | 3 | 30-38 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | MT | M | ML | SF | R | 14-16 | 3 | 3 | MH | 3 | 3 | 2 | 3 | 3 | 4 | 2 | 4 | 4 | 1 | 1 | 3 | 2 | 1 |
| LC-5319 | SSX RIB | 103 | - | 2574 | 1256 | 3 | 30-36 | 2 | 2 | 3 | 2 | 2 | 4 | 4 | 4 | M | M | MG | SF | R | 16-18 | 2 | 3 | - | - | - | - | - | 3 | 3 | 3 | 4 | 4 | 1 | 1 | 1 | 2 | 1 |
| LC533-20 | 5222 E-Z | 103 | 98 | 2560 | 1340 | 3 | 26-38 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | T | MH | MG | SF | P | 16-18 | 2 | 2 | MH | 3 | 3 | 2 | 2 | 2 | 4 | 2 | 3 | NA | 1 | 1 | 3 | 1 | 2 |
| LC535-20 | GT | 103 | 98 | 2561 | 1333 | 3 | 26-34 | 3 | 2 | 2 | 3 | 3 | 4 | 3 | 3 | MT | M | G | FL | P | 18-22 | 3 | 2 | M | 3 | 3 | 2 | 2 | 3 | 4 | 2 | 3 | 4 | 1 | 1 | 3 | 4 | 1 |
| LC 4545 | RR2 | | 100 | - | - | - | 24-30 | - | 2 | 2 | 3 | 2 | - | 2 | - | VT | - | - | FL | W | - | - | - | MS | 4 | 3 | 2 | 1 | - | - | - | - | - | 1 | 1 | 1 | - | 2 |
| LC 4567 | CONV LEAFY, RR2 LEAFY | | 100 | - | - | - | 24-30 | - | 2 | 2 | 3 | 2 | - | 2 | - | - | MT | - | FL | R | - | - | - | S | 1 | 3 | 3 | 3 | - | - | - | - | - | 1 | 1 | 2 | - | 2 |
| LC 4665 | SSX | | 101 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LC-5416 | SSX RIB | 104 | - | 2582 | 1335 | 4 | 30-36 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | T | MH | MG | SF | R | 16-18 | 1 | 3 | - | - | - | - | - | 2 | 3 | 3 | 3 | 3 | 1 | 1 | 4 | 2 | 1 |
| LC-5438 | CONV | 104 | 99 | 2570 | 1340 | 3 | 26-34 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | T | MH | ML | FL | P | 14-16 | 3 | 3 | M | 2 | 2 | 2 | 3 | 3 | 3 | 1 | 3 | 3 | 1 | 1 | 2 | 3 | 2 |

SCALE : 1-5 \\ 1 = BEST

# CORN HYBRIDS

| | | | MATURITY INFO | | | | AGRONOMIC & PLANT CHARACTERISTICS | | | | | | | | | | | GRAIN & EAR CHARACTERISTICS | | | | | | SILAGE RATINGS | | | | | DISEASE RATINGS | | | | | PRODUCT POSITIONING | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BRAND | VALUE ADDED TRAITS | Grain RM | Silage RM | GDU - Black Layer | GDU - Mid Silk | Flowering for Maturity | Planting Rate 1000'S | Emergence | Seedling Vigor | Root Strength | Stalk Strength | Drought Tolerance | Greensnap | Staygreen | Fall Appearance | Plant Height | Ear Height | Ear Length | Ear Type | Cob Color | Kernel Rows | Test Weight | Dry Down | Kernel Texture | Crude Protein | Fiber Digestibility | Starch Content | Starch Digestibility | Northern Leaf Blight | Gray Leaf Spot | Goss' Wilt | Anthracnose Stalk Rot | Tar Spot | Ideal Yield Environments | Variable Yield Environments | Tough Yield Environments | Corn Following Corn | Fungicide Response |
| | LC551-20 | SSX RIB | 105 | 100 | 2632 | 1336 | 4 | 26-34 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | M | M | MG | SF | R | 16-18 | 4 | 1 | M | 3 | 2 | 3 | 2 | 3 | 3 | 1 | 2 | 3 | 1 | 1 | 1 | 1 | 2 |
| NEW | LC555-21 | GT, 3010, 5122 E-Z | 105 | 100 | 2638 | 1291 | 2 | 26-38 | 1 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | MT | M | LG | FL | R | 18-22 | 3 | 3 | M | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 1 | 1 | 2 | 3 | 2 |
| | LC-5516 | CONV | 105 | - | 2640 | 1321 | 3 | 32-38 | 2 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | T | M | MG | SF | R | 16-18 | 2 | 3 | - | - | - | - | - | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 | 2 | 1 |
| | LC-6047 | CONV, SSX RIB | 105 | 100 | 2645 | 1280 | 3 | 30-38 | 3 | 3 | 2 | 2 | 2 | 2 | 3 OR 2 | 3 | MT | M | MG | SF | R | 16-18 | 3 | 1 | M | 3 | 4 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 1 | 2 | 2 | 2 |
| NEW | LC564-20 | CONV, PWE | 106 | - | 2630 | 1270 | 2 | 30-38 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | MT | MH | MG | SF | R | 18-22 | 4 | 4 | - | - | - | - | - | 2 | 3 | 2 | 3 | 2 | 1 | 1 | 2 | 2 | 2 |
| | LC-5819 | SSX RIB | 107 | - | 2659 | 1284 | 1 | 30-36 | 2 | 3 | 2 | 2 | 2 | 1 | 2 | 2 | M | M | ML | SF | R | 14-16 | 1 | 2 | - | - | - | - | - | 3 | 3 | 1 | 3 | 4 | 1 | 1 | 1 | 1 | 2 |
| | LC-6747 | CONV | 108 | - | 2700 | 1325 | 1 | 28-36 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | MT | MH | G | SF | R | 18-20 | 3 | 4 | - | - | - | - | - | 1 | 2 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 3 |
| | LC-6827 | SSX RIB | 108 | - | 2690 | 1333 | 3 | 32-38 | 3 | 2 | 2 | 1 | 3 | 2 | 2 | 2 | MT | M | MG | SF | R | 14-16 | 3 | 4 | - | - | - | - | - | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 4 | 2 | 2 |
| | LC 5262 | CONV LEAFY, RR2 LEAFY | - | 105 | - | - | - | 24-30 | - | 2 | 2 | 2 | 2 | - | 2 | - | - | MT | - | FL | P | - | - | - | S | 2 | 4 | 3 | 1 | - | - | - | - | - | 1 | 1 | 1 | - | 2 |
| NEW | LC592-21 | CONV, 3330 E-Z | 109 | 104 | 2700 | 1328 | 3 | 32-38 | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | MT | M | MG | F | R | 16-18 | 4 | 2 | M | 3 | 3 | 1 | 3 | 4 | 2 | 3 | 3 | 3 | 1 | 1 | 3 | 2 | 2 |
| | LC5467 | RR2 LEAFY | - | 104 | - | - | - | 24-30 | - | 3 | 2 | 2 | 2 | - | 3 | - | VT | - | - | FL | W | - | - | - | MS | 3 | 3 | 4 | 3 | - | - | - | - | - | 3 | 1 | 1 | - | 2 |
| | LC-6918 | SSX RIB | 109 | - | 2718 | 1301 | 3 | 30-38 | 1 | 1 | 1 | 2 | 3 | 1 | 3 | 2 | M | M | ML | SF | R | 14-16 | 2 | 3 | - | - | - | - | - | 2 | 3 | 4 | 2 | 3 | 1 | 1 | 4 | 1 | 1 |
| | LC-6947 | RR2 | 109 | - | 2740 | 1347 | 3 | 26-36 | 1 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | MT | MH | MG | SF | R | 16-18 | 3 | 3 | - | - | - | - | - | 3 | 2 | 2 | 1 | NA | 1 | 1 | 1 | 3 | 2 |
| NEW | LC623-21 | 5222 E-Z | 112 | 107 | 2785 | 1337 | 3 | 30-38 /9 | 2 | 1 | 2 | 2 | 3 | 3 | 2 | 2 | T | MH | ML | SF | R | 16 | 3 | 3 | M | 3 | 3 | 3 | 3 | 3 | 1 | 2 | 2 | 2 | 1 | 1 | 3 | 2 | 2 |
| | LC634-20 | CONV, SSX RIB | 113 | 108 | 2790 | 1320 | 3 | 30/ 32-38 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | MT | M | MG | SF | R | 16 | 2 | 2 | M | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 2 |

## RATING KEY

**RATINGS:** 1 = Excellent | 2 = Very Good | 3 = Good | 4 = Average | 5 = Fair | NA = Not Available or Non Applicable
**YIELD ENVIRONMENTS:** 1 = Highly Recommended | 2 = Recommended | 3 = Acceptable | 4 = Use Caution | 5 = Not Recommended
**FLOWERING FOR MATURITY:** 1 = Very Early | 2 = Early | 3 = Medium | 4 = Med-Late | 5 = Late
**PLANT HEIGHT:** MS = Medium-Short | M = Medium | MT = Medium-Tall | T = Tall | S = Short
**EAR LENGTH:** G = Girthy | M = Medium | MG = Medium-Girthy | MS = Medium-Slender | ML = Medium-Long | L = Long
**COB COLOR:** R = Red | W = White | P = Pink
**EAR HEIGHT:** L = Low | ML = Medium-Low | M = Medium | MH = Medium-High | H = High
**EAR FLEX: F** = Fixed | SF = Semi-Flex | FL = Flex | SD = Semi-Determinate

**VALUE ADDED TRAITS:** CONV = Conventional | RR2 = Roundup Ready® Corn 2
VT2P RIB = VT Double PRO® RIB Complete® Corn Blend
DGVT2P RIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend
SSX = SmartStax® Corn | SSX RIB = SmartStax® RIB Complete® Corn Blend | PWE = PowerCore® Enlist® Corn
GT = Agrisure® GT | GTA = Agrisure Artesian® GTA | TRECEPTA RIB = Trecepta® RIB Complete® Corn Blend
3010 = Agrisure® 3010 | 3110 = Agrisure Viptera® 3110 | 3110A = Agrisure Viptera® 3110A
3122 E-Z = Agrisure® 3122 E-Z Refuge® | 3220 E-Z = Agrisure Viptera® 3220 E-Z Refuge®
3330 E-Z = Agrisure Viptera® 3330 E-Z Refuge® | 5122 E-Z = Agrisure Duracade® 5122 E-Z Refuge®
5222 E-Z = Agrisure Duracade® 5222 E-Z Refuge®
LCO is organically grown seed corn

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

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

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

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

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

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 technology contain genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate.

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

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

More information about Agrisure Duracade® is available at 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.

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Seeds containing the LibertyLink® trait may be protected under one or more U.S. patents and may be planted only to produce one (1) commercial crop in a single season, and only after signing a BASF Grower Technology Agreement. It is illegal to save seeds containing the LibertyLink trait for use as planting seed or for transfer to others for use as planting seed.

LibertyLink® GT27® soybeans offer triple stack tolerance to Liberty, glyphosate, and, in select counties specified on the label, the first HPPD based herbicide for soybeans Alite™ 27. Other HPPD herbicides not labeled for use with LibertyLink GT27 or isoxaflutole-resistant soybeans may cause significant crop injury. Alite 27 herbicide is only available for use in labeled counties.

Always read and follow label directions. Alite 27 is a restricted use herbicide. Alite, Liberty, and LibertyLink are registered trademarks of BASF. GT27 is a registered trademark of M.S. Technologies, L.L.C. MS Technologies is a trademark of M.S. Technologies, L.L.C. ©2020 BASF Corporation / M.S. Technologies, L.L.C. All Rights Reserved. APN 20-INT-0014

LibertyLink GT27 is not tolerant to all HPPD herbicides. Alite™27 herbicide from BASF is the first HPPD herbicide for use on GT27 and LibertyLink GT27 soybeans is currently available in select counties in certain states. Patent information at www.SoybeanGermplasmPatent.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). To plant Enlist, Herculex and PowerCore seed, you must have a limited license from Corteva Agriscience (or other appropriate affiliates). In consideration of the foregoing, Corteva Agriscience grants to the Grower the limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed. Always read and follow herbicide label directions prior to use: Enlist® products contain the Enlist trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be use d with Enlist® crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products. Enlist corn contains genes that confer tolerance to 2,4-D and -fop herbicides. 2,4-D and -fop herbicides will damage or kill crops that are not tolerant to 2,4-D or -fops.

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

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

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