

SEEDS & SCIENCE



EASTERN CANADA

# PRODUCT GUIDE

EDITION 1

2024





**NEIL DOUGLAS**

*Executive Vice President,*

*DLF North America*

We have an opportunity today to do something great – together.

Let me take this moment to welcome you to DLF North America. While we take time to listen and learn about your business and invest in tools to help you grow, we also invite you to help us think BIG. Even Earth-sized.

We are pulling together DLF teams and resources from across the globe to tackle big problems – like changing climate patterns, carbon emissions, disease pressures and more – with improved products you have at your fingertips. You are Seeding the Green Future by partnering with us to deliver sustainable solutions with the potential to:

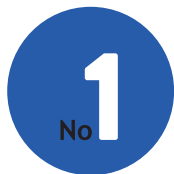
- Increase productivity of land and livestock
- Sequester carbon and reduce emissions in the supply chain
- Fixate nitrogen
- Reduce leaching of nitrogen and pesticides

You have a tremendous opportunity to help us bring some of the world's best products to the farm gate, while helping our earth and growing your business along the way. DLF will provide the tools and support you need to succeed. We hope that you will join us.

## OUR CUSTOMERS CAN COUNT ON GROWTH

At DLF we research, develop and produce products to specifically meet the needs of the Canadian market and conditions.

DLF is the global leader in research, development, production and distribution of forage and other seed. **This makes us part of a worldwide organization with a passion for innovation and a commitment to helping us deliver the best forage products.**



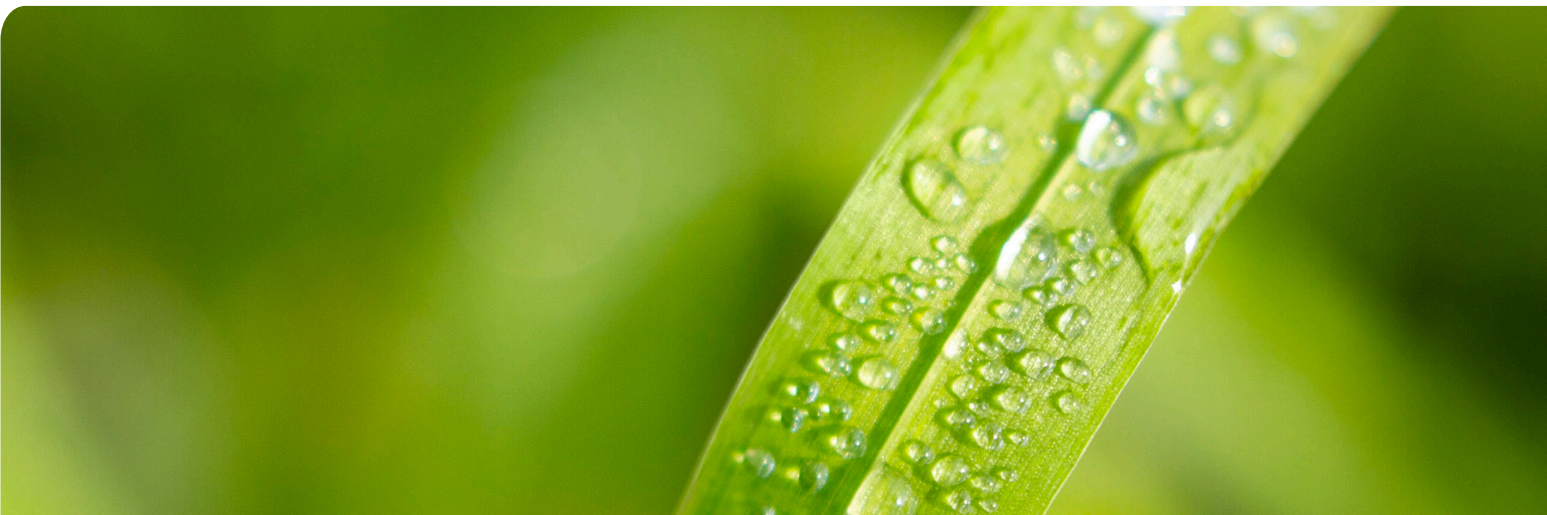
World market leader **within temperate forage and turf seeds**. Supplying to more than 100 countries.



**Leading research and development program** in sustainable and green crops of the future



**7th largest** seed company in the world



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# GROWING WITH DLF

Our customers demand a lot from their seed: yield, forage quality, winterhardness and disease resistance. That is why we invest heavily in global R&D and our field trials. Roughly 11% (1 in 9) of DLF's over 2,000 worldwide employees are involved in breeding programs and product development. For more than 30 years, DLF breeding and product development has optimized forage grass and legume varieties ideal to local climatic and environmental conditions to seed the green future. We aim to deliver sustainable solutions with the potential to increase productivity of land and livestock, sequester carbon and reduce emissions in the supply chain.



## THE WORLD OF DLF



**850 EMPLOYEES**  
work in DLF's Turf and Forage Division worldwide



**11% OF DLF'S WORKFORCE**  
is employed in research & development



**1,600+ VARIETIES**  
have been released and commercialized through this effort!

"It is very fulfilling to be able to test and analyze varieties from breeders across the globe on Canadian soils to ensure they are not only compatible with our environment, but that they are superior to current varieties on the market.

Collecting information on agronomy ratings, forage quality data and yield data from our trustworthy and reliable head to head replicated trials ensures DLF only ever releases the best varieties to our customers. I feel very fortunate to be part of the DLF R&D team, it is such a rewarding career!"

**Sylvia Megens** - Manager of Product Development, Canada







OVER THE PAST 8 YEARS WE HAVE HARVESTED

**84,669**  
**FORAGE PLOTS** ACROSS CANADA!

## TRIAL DESIGN

- DLF is home to the only proprietary, replicated forage trials across Canada
- Each plot in a trial is 3 feet wide by 17 feet long
- Each trial has 4 randomized replications of all varieties
- Each trial runs for three production years

## TESTING

DLF's Canadian Product Development provides the ability to select varieties that have improved disease resistance, superior yield, improved winterhardiness, faster regrowth and high forage quality based on true head to head comparisons!



*Trial showing comparisons of orchardgrass winterhardiness - Port Hope ON*



*Trial showing comparisons of alfalfa regrowth - Lindsay ON*

## HARVESTING

- Using DLF's custom RCI Engineering 36A forage harvester, Legume trials are harvested 3-4 times and Grass trials are harvested 2-3 times per season



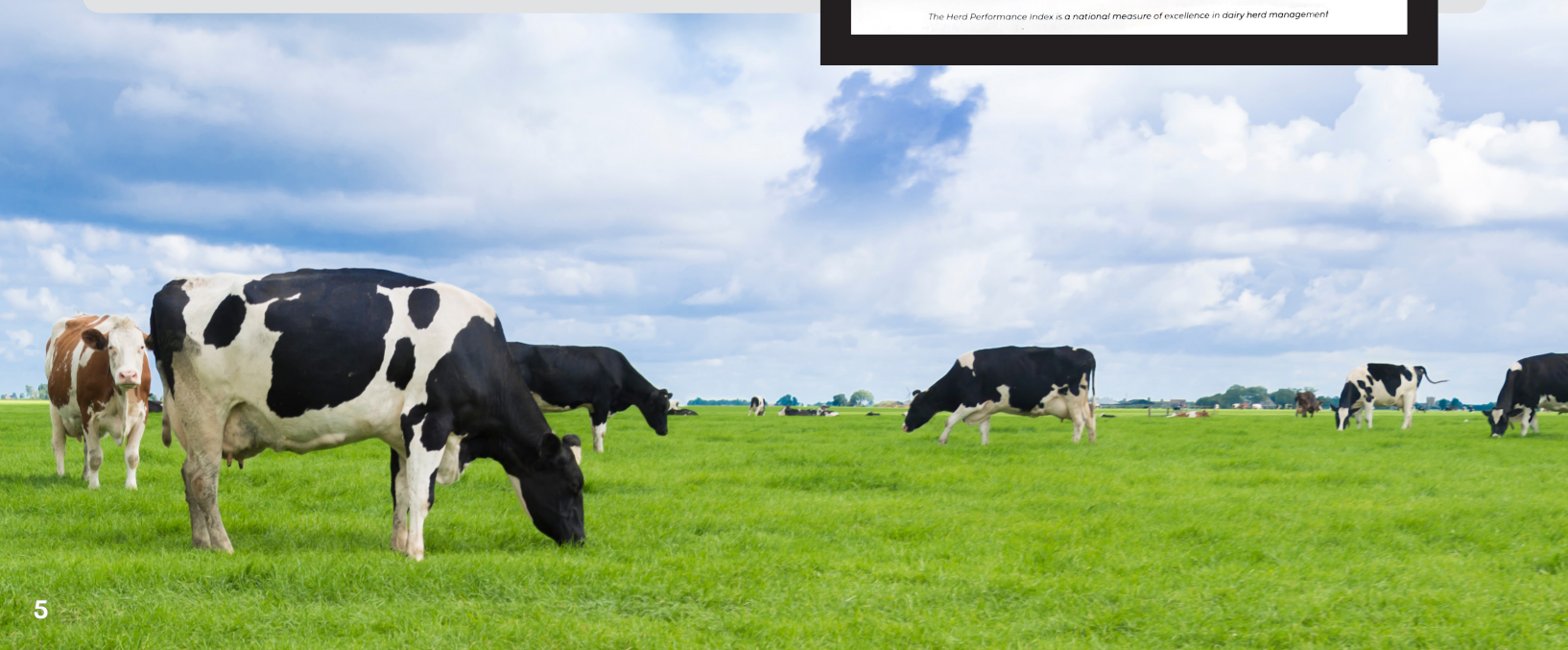
*DLF's custom RCI Engineering 36A forage harvester in Lindsay ON*





**LEGACY HOLSTEINS OF ATWOOD, ONTARIO** IS A MASTER BREEDER HERD IN PERTH COUNTY OWNED IN PARTNERSHIP WITH STEVE DOLSON, HIS WIFE DR. KAREN GALBRAITH AND GEOFF & SALLY MCMULLEN & FAMILY. THEIR MILKING HERD OF 70 COWS IS HOUSED IN A FREE STALL BARN AND MILKED BY TWO ROBOTS. LAST YEAR THEY WERE THE TOP HERD IN THEIR CATEGORY SIZE FOR PRODUCTION IN PERTH COUNTY. LEGACY HOLSTEINS ALSO RANKED IN THE TOP 25 HERDS IN CANADA FOR TOTAL HERD MANAGEMENT IN 2022.

DLF CANADA AND THEIR SALES AGENT IN WESTERN ONTARIO, GARY REYNOLDS, HAVE BEEN WORKING WITH LEGACY HOLSTEINS PROVIDING THEIR BEST VARIETIES LIKE VISION ALFALFA FOR MORE THAN 10 YEARS. "WE STARTED GROWING TRIUMPH HARVXTRA TO TRY TO ESTABLISH A GOOD ALFALFA STAND IN A FIELD WITH A REALLY DIFFICULT WEED PROBLEM. A BENEFIT WE WERE SURPRISED TO LEARN WAS HOW WELL IT HOLDS ON TO QUALITY, GIVING US CONFIDENCE TO DELAY CUTTING IF NEEDED. IT HAS BEEN A REALLY GOOD FIT ON OUR FARM," SAID GEOFF MCMULLEN.





# MORE MILK, MORE MEAT



In forage, fibre digestibility is one of the most important quality measures. The main benefit of high fibre digestibility is an increase in milk and meat production.

**1% increase in fibre digestibility  
(dNDF) = +0.25 litres milk per cow per day**

The importance of high fibre digestibility is supported by independent research that is well acknowledged throughout the world. Fibre digestibility is a key focus of the DLF global research platform.

## HIGHER YIELD

Our top quality forages improve nutritional intake and increase milk or meat production. Choosing better varieties is the best way to maximize your output without increasing your input costs.

## HIGHER DIGESTIBILITY

Dairy and beef herds perform better when their forage has high cell-wall fibre digestibility and the protein content is high. You get a higher dry matter intake and improved milk and meat production.

## HIGHER QUALITY

Certified seed of our proprietary varieties will improve establishment from every seed you sow and increase your chances of securing high yield of the desired quality.

“ THE OBJECTIVE OF OUR FARM IS TO PRODUCE QUALITY FORAGE MILK SO THAT OUR HERD RUMINATES HEALTHILY. IN 2022, WE TARGETED, AND OBTAINED, AN EXCEPTIONAL YIELD OF 14.75 TM/HA (AT 85% D.M.). THE DLF MIXTURE USED WAS FM 196 DT, WITH THE ADDITION OF BM-OF, TREATED WITH SILOSOLVE FC. ANALYSIS OF OUR FIRST CUT GAVE US 22% CRUDE PROTEIN, 1.45 ENERGY AND 50% DIGESTIBLE FIBER (NDFD). THIS TASTY MIX HAS ALLOWED US TO INCREASE VOLUNTARY CONSUMPTION. COMPARED TO 20% PROTEIN FORAGE WITH A SOYBEAN MEAL PRICE OF \$840/MT, WE SAVED \$14,600 FOR OUR HERD OF 100 LACTATING COWS. A WINNING FORMULA!

**Philippe and Mario Lefebvre,  
Owners of Ferme Maxi 2009 Inc.,  
Saint-Elphège in Central Quebec.**





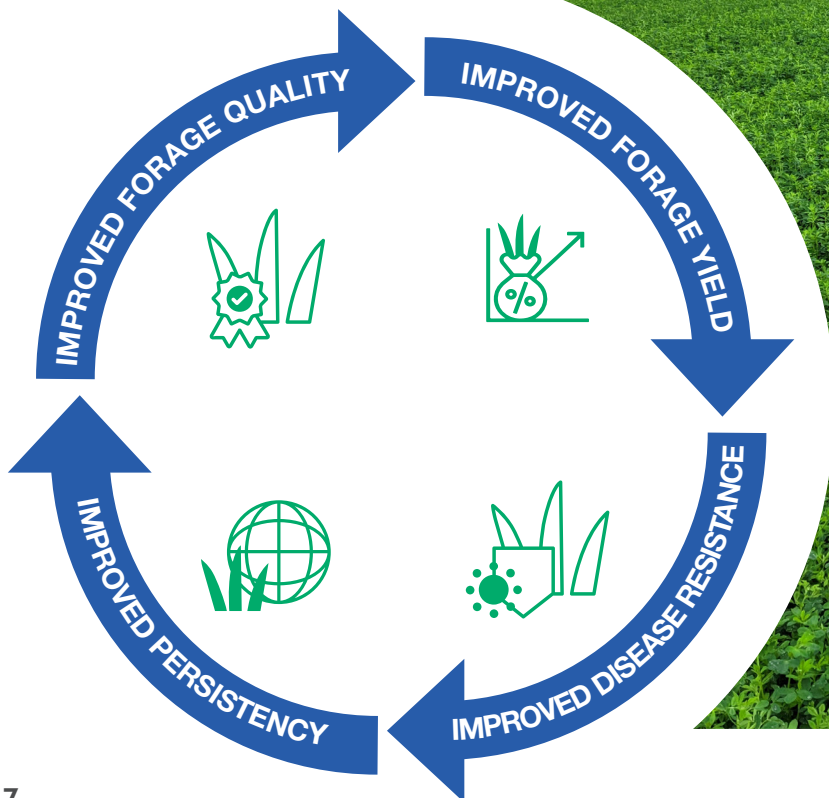
# FORAGEMAX®

GET THE MOST OUT OF EVERY MOUTHFUL!

## WHAT IS FORAGEMAX®?



- ForageMax® is the strongest new portfolio of proprietary forage grasses and legumes available in North America.
- Each variety is selected to thrive in the specific region and climate that our customers live in.
- Each variety must demonstrate high performance in yield, disease resistance, persistency and forage quality.





# READY FOR THE NEW GENERATION OF DISEASE RESISTANT ALFALFA?

DLF is proud to lead the Canadian market with varieties of conventional and HarvXtra® alfalfa with enhanced multi-race Aphanomyces\* and Anthracnose\*\* disease resistance.

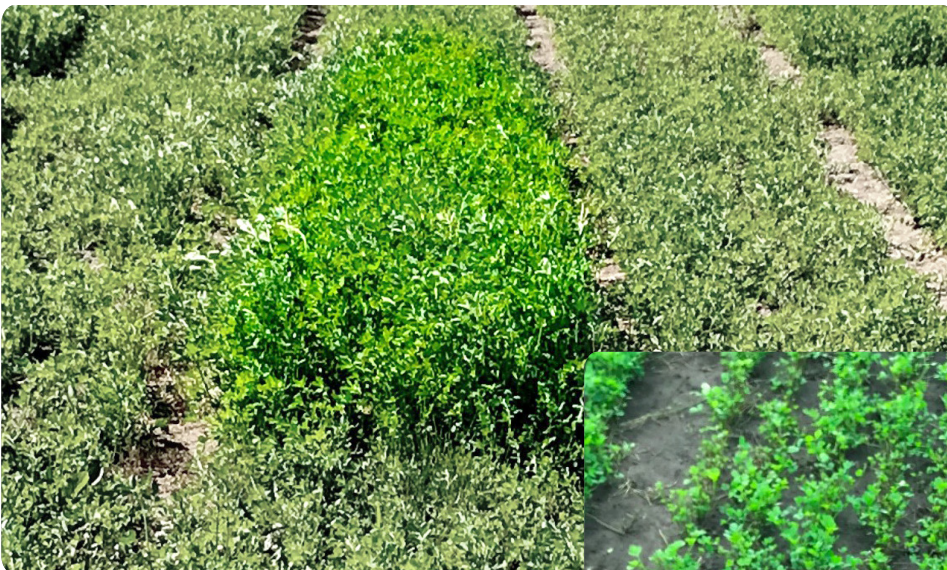
## WHAT IS APHANOMYCES ROOT ROT?

### SYMPTOMS:

- Stunted growth
- Yellowing cotyledons
- Yellowing/purpling of upper leaflets
- Grey-brown coloured roots and stems
- May resemble nutrient deficiency/herbicide damage

### MANAGEMENT:

- Plant certified DLF varieties with enhanced multi-race Aphanomyces and Anthracnose disease resistance
- Fungicide seed treatments are not a solution for controlling this disease



\*Includes race 1 and race 2 protection. In addition, Forage Genetics International, LLC (FGI) has identified a novel source of Aphanomyces resistance in the greenhouse and field that visibly outperforms unrelated varieties on the market when grown under natural or artificial disease pressure. FGI researchers have been working cooperatively with universities collecting and testing the most virulent strains of Aphanomyces to help determine the level of resistance to this novel source.

\*\*Anthracnose Race 5 was recently confirmed by researchers at Forage Genetics International, LLC (FGI) and USDA's Agricultural Research Service.



# FORAGE VARIETIES



## TORRENT ALFALFA **NEW**

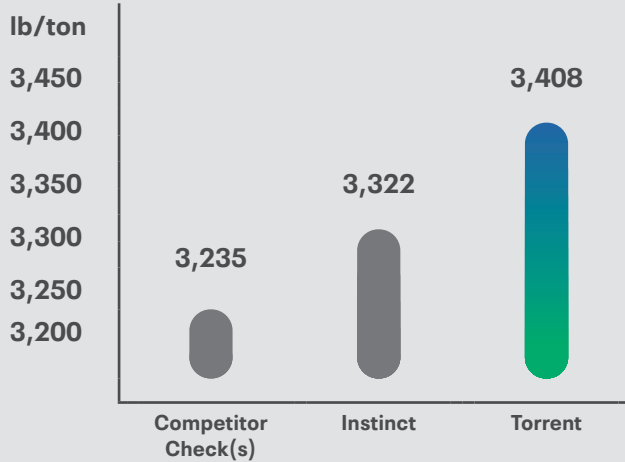
SELECTED FOR:  Disease Resistance

 Forage Yield

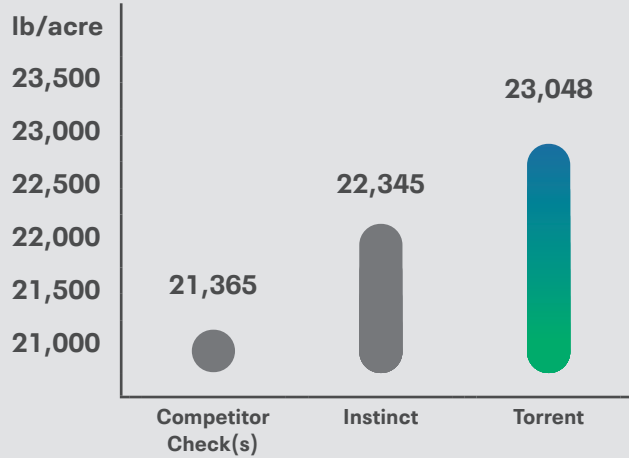
 Forage Quality

Fall Dormancy 4.0 | Winter Survival 1.4

### 5% MORE MILK PER TON



### MORE MILK PER ACRE



Locations: Ontario: Lindsay, Port Hope

Competitor Checks: 54Q14, 55Q27, 55Q29, Dominator, Surge HG, AAC Trueman

Milk Per Ton & Milk Per Acre values calculated using the University of Wisconsin Alfalfa/Grass Evaluation System - Milk 2006

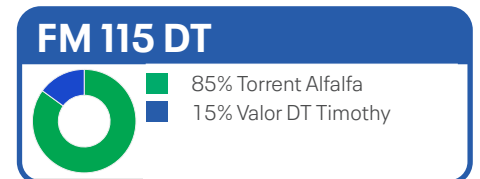
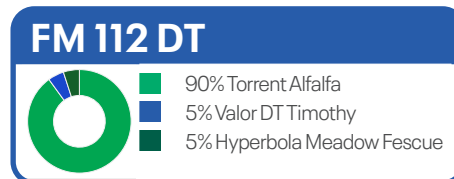
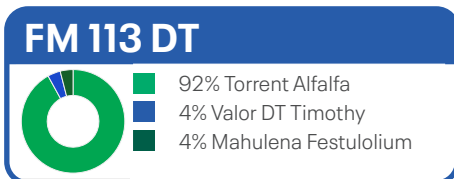
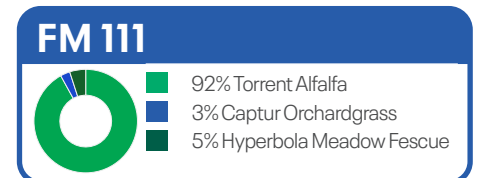
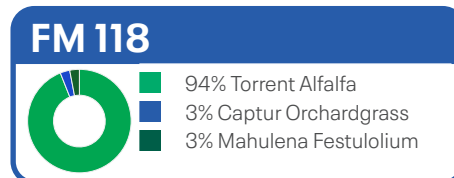
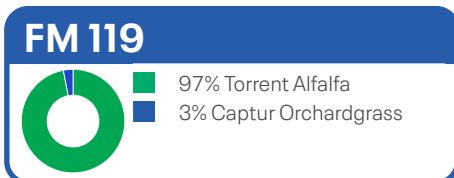
## YIELD COMPARISONS

	Harvest Years	# Of Cuts	# of Station Years	Yield (Kg/Ha)	Yield (T/Acre)	% of Competitor Checks
<b>TORRENT</b>	2021 - 2022	39	16	12,633	5.11	108
Competitor Checks	2021 - 2022	39	16	11,751	4.76	100

Locations: Lindsay, ON, Port Hope, ON, Josephburg, AB, Portage la Prairie, MB, Nampa, ID, Touchet, WA, Boone, IA, Mount Joy, PA

Competitor Checks: 54Q14, 55Q27, 55Q29, Boost HG, Dominator, Shield, Surge HG

## TORRENT ALFALFA MIXES







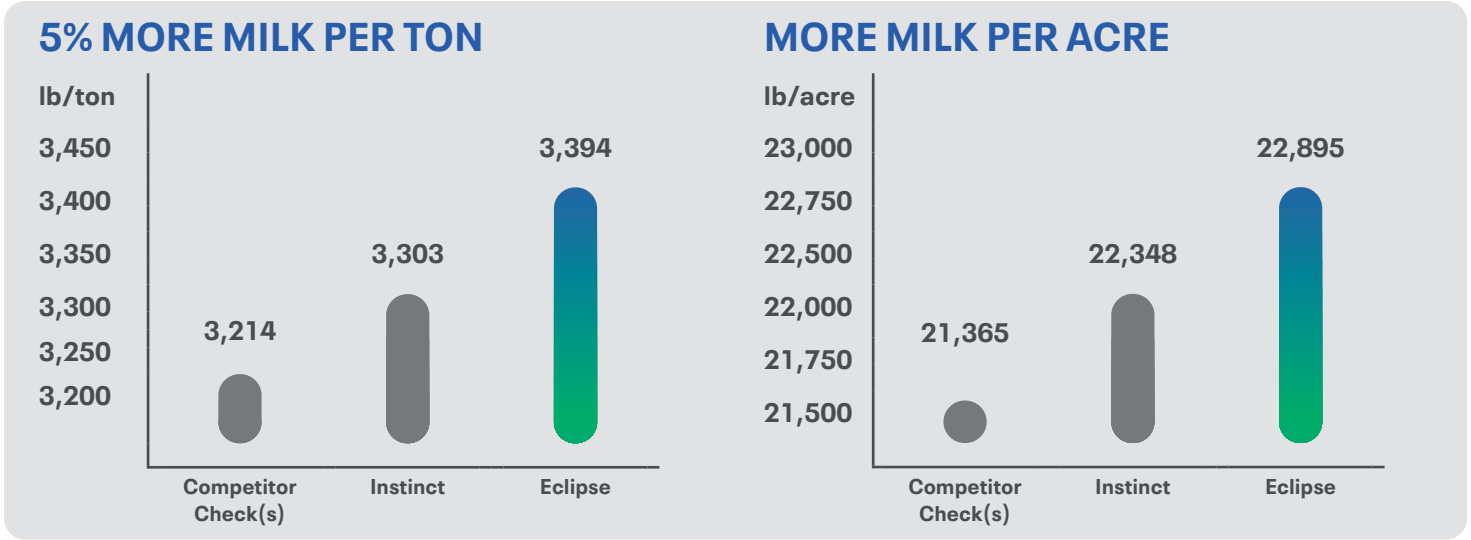
# ECLIPSE ALFALFA

SELECTED FOR:  Disease Resistance

 Forage Yield

 Forage Quality

Fall Dormancy 4.4 | Winter Survival 1.6



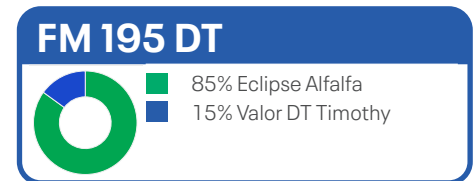
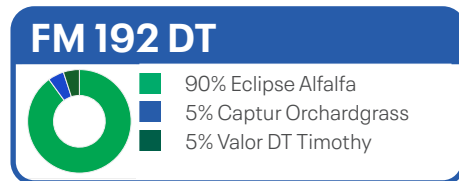
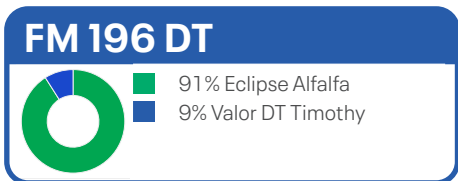
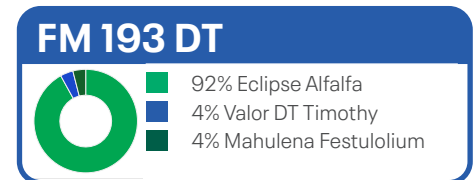
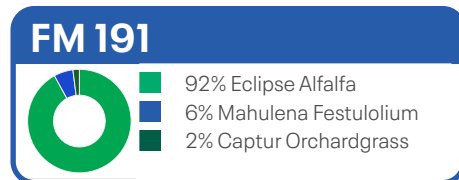
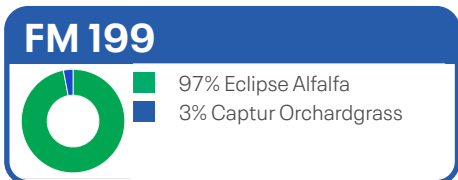
Locations: Ontario: Lindsay, Port Hope  
 Competitor Checks: 54Q14, 55Q27, 55Q29, Dominator, Boost HG, Surge HG, AAC Trueman  
 Milk Per Ton & Milk Per Acre values calculated using the University of Wisconsin Alfalfa/Grass Evaluation System - Milk 2006

## YIELD COMPARISONS

	Harvest Years	# Of Cuts	# of Station Years	Yield (Kg/Ha)	Yield (T/Acre)	% of Competitor Checks
<b>ECLIPSE</b>	2016 - 2022	142	37	12,534	5.07	108
Competitor Checks	2016 - 2022	142	37	11,557	4.68	100

Locations: Lindsay, ON, Port Hope, ON, Josephburg AB, Portage la Prairie, MB, Nampa, ID, Touchet, WA, Cannon Fall, MN, Boone, IA, Mt Joy, PA  
 Competitor Checks: 54Q14, 55Q27, 55Q29, Boost HG, Dominator, Showdown, Pillar ST, Surge HG

## ECLIPSE ALFALFA MIXES





# TRIUMPH HVXRR ALFALFA



SELECTED FOR:



Disease Resistance

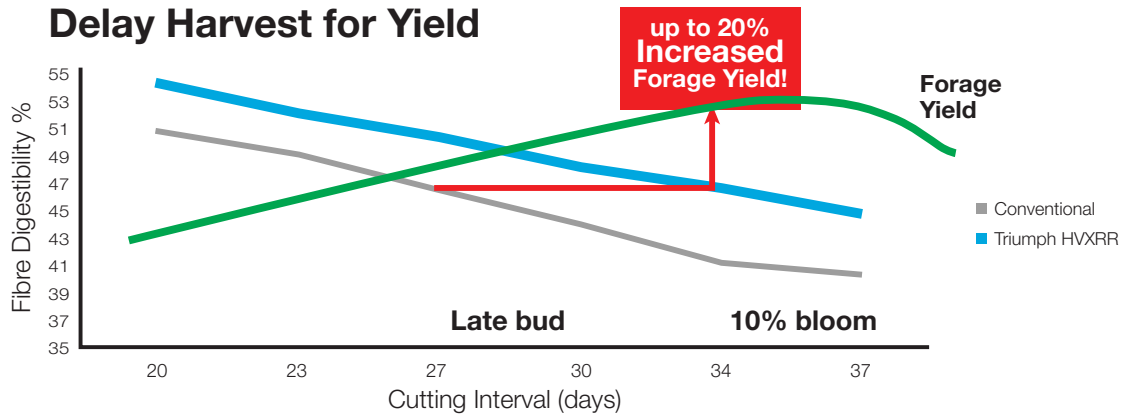


Forage Yield



Forage Quality

Fall Dormancy 4.4 | Winter Survival 1.6



## XTRA CLEAN FIELDS

Roundup Ready® Technology delivers unsurpassed weed control and crop safety.

Left: Area missed with Roundup® during spraying



## XTRA DISEASE PROTECTION

Enhanced multi-race Aphanomyces and Anthracnose disease package.

Right: Enhanced multi-race Aphanomyces and Anthracnose disease resistance



Forage Genetics International, LLC (FGI) has identified a novel source of Aphanomyces resistance in the greenhouse and field that visibly outperforms unrelated varieties on the market when grown under natural or artificial disease pressure. FGI researchers have been working cooperatively with universities collecting and testing the most virulent strains of Aphanomyces to help determine the level of resistance to this novel race.

Anthracnose Race 5 was recently confirmed by researchers at Forage Genetics International, LLC (FGI) and USDA's Agricultural Research Service.

Data comes from FGI trials comparing HarvXtra® Alfalfa with Roundup Ready® Technology 2017 FD4 commercial varieties to commercial checks. Trials were seeded in 2013 and harvested in 2014 and 2015 from Nampa, Idaho; Touchet, Wash.; Boone, Iowa; West Salem, Wis.; and Mt. Joy, Pa. Yield increase is directly correlated to the ability to delay harvest.

HarvXtra® Alfalfa with Roundup Ready® Technology.

For the 2023 growing season, this product is available for planting in a limited geography and growers must direct any product produced from HarvXtra® Alfalfa with Roundup Ready® Technology seed or crops (including hay and hay products) only to Canadian domestic use. 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 product purchaser to confirm their buying position for this product. This technology may be sold and planted only in the provinces of Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island and Newfoundland. Please contact the Bayer Technical Support Line at 1-800-667-4944 or refer to the Technology Use Guide for additional information.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® technology contains genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate. Roundup Ready® and Roundup® are registered trademarks of Monsanto Technology LLC, Bayer Canada, Inc. licensee.

HarvXtra® is a trademark of Forage Genetics International, LLC. HarvXtra® Alfalfa with Roundup Ready® Technology is enabled with Technology from The Samuel Roberts Noble Foundation, Inc.



# INSTINCT ALFALFA



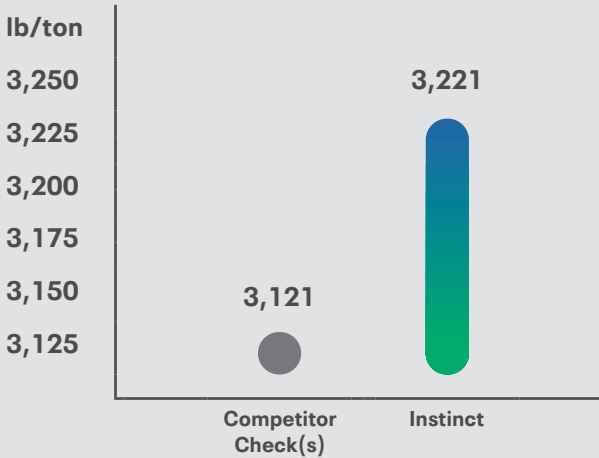
**SELECTED FOR:**  Disease Resistance

 Forage Yield

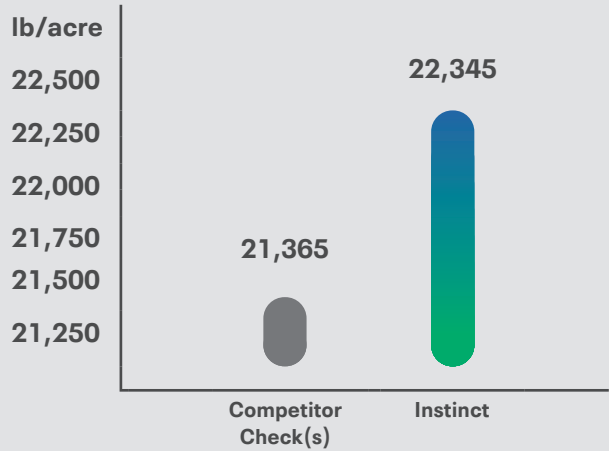
 Forage Quality

Fall Dormancy 4.4 | Winter Survival 1.5

## 3% MORE MILK PER TON



## MORE MILK PER ACRE



Locations: Ontario: Lindsay, Port Hope

Competitor Checks: 55V50, 55V48, Dominator, Boost HG, Surge HG, AAC Trueman, Showdown

Milk Per Ton & Milk Per Acre values calculated using the University of Wisconsin Alfalfa/Grass Evaluation System - Milk 2006

## YIELD COMPARISONS

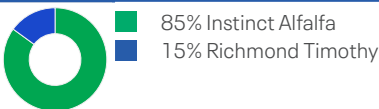
	Harvest Years	# Of Cuts	# of Station Years	Yield (Kg/Ha)	Yield (T/Acre)	% of Competitor Checks
<b>INSTINCT</b>	2010 - 2022	200	84	10,243	4.15	104
Competitor Checks	2010 - 2022	200	84	9,887	4.02	100

Locations: Lindsay, ON, Port Hope, ON, Josephburg AB, Portage la Prairie, MB

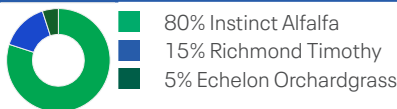
Competitor Checks: 54Q14, 55Q27, 55Q29, 55V50, 55V48, Boost HG, Dominator, Showdown, Pillar ST, Surge HG

## INSTINCT ALFALFA MIXES

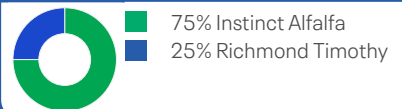
### FM 175



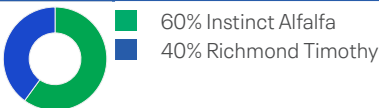
### FM 172



### FM 177



### FM 174







FORAGEMAX

# GRASS & CLOVER VARIETIES

## VALOR DT

**NEW**

Timothy



EARLY  
MATURITY



DROUGHT  
TOLERANCE



FORAGE  
QUALITY

## RICHMOND

Timothy



EARLY  
MATURITY



SPRING  
VIGOUR



FORAGE  
QUALITY

## CAPTUR

Orchardgrass



VERY LATE  
MATURITY



DISEASE  
RESISTANCE



FORAGE  
QUALITY

## ECHELON

Orchardgrass



LATE  
MATURITY



DISEASE  
RESISTANCE



FORAGE  
QUALITY

## TOWER

Fescue, Tall



LATE  
MATURITY



DISEASE  
RESISTANCE



STRESS  
TOLERANCE

## KORA

Fescue, Tall



MED-LATE  
MATURITY



SOFT LEAF  
(VERY HIGH  
FORAGE QUALITY)



DISEASE  
RESISTANCE

## HYPERBOLA

**NEW**

Fescue, Meadow



DISEASE  
RESISTANCE



WINTER-  
HARDINESS



FORAGE  
QUALITY

## YOLANDE

Italian Ryegrass



DIPLOID  
TYPE



FORAGE  
YIELD



FORAGE  
QUALITY

## FIRKIN

Italian Ryegrass



TETRAPLOID  
TYPE



FORAGE  
YIELD



FORAGE  
QUALITY

## DEXTER 1

Perennial Ryegrass



FORAGE  
YIELD



EARLY SPRING  
GROWTH



FORAGE  
QUALITY

## MAHULENA (FESCUE TYPE)

Festulolium



FORAGE  
YIELD



DISEASE  
RESISTANCE



FORAGE  
QUALITY

## ACHILLES (RYEGRASS TYPE)

Festulolium



FORAGE  
YIELD



EMERGENCY  
FORAGE  
OPTION



FORAGE  
QUALITY

## MBA

Bromegrass, Meadow



FORAGE  
YIELD



WINTER-  
HARDINESS



SEASONAL  
GROWTH  
PATTERN

## SUCCESSION BRAND

Bromegrass, Hybrid



FORAGE  
YIELD



WINTER-  
HARDINESS



FORAGE  
QUALITY

## REDKIN

**NEW**

Red Clover



DIPLOID  
TYPE



FORAGE  
YIELD



MULTI-  
CUT





**FORAGEMAX**

## ADDITIONAL FORAGEMAX® MIXES

### DAIRYMAX



- 34% Kora Tall Fescue
- 33% Dexter 1 Perennial Ryegrass
- 33% Mahulena (Fescue Type) Festulolium

### INTENSEMAX



- 70% Kora Tall Fescue
- 30% Mahulena (Fescue Type) Festulolium

### GRASSMAX



- 70% Mahulena (Fescue Type) Festulolium
- 30% Achilles (Ryegrass Type) Festulolium

### MILKMAX



- 70% Hyperbola Meadow Fescue
- 30% Kora Tall Fescue

### FM 255



- 50% Redkin Red Clover
- 50% Richmond Timothy

### FM 258



- 50% Richmond Timothy
- 30% Redkin Red Clover
- 20% Bull Birdsfoot Trefoil

## BROMEMAX BROMEGRASS MIXES

### BM - F



- 70% BromeMax Bromegrass
- 30% Kora Tall Fescue

### BM - H



- 70% BromeMax Bromegrass
- 30% Hyperbola Meadow Fescue

### BM - OF



- 55% BromeMax Bromegrass
- 35% Kora Tall Fescue
- 10% Captur Orchardgrass

### BM - FV



- 65% BromeMax Bromegrass
- 25% Kora Tall Fescue
- 10% Dexter 1 Perennial Ryegrass

### BM - M

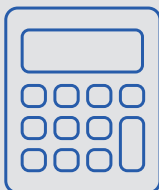


- 70% BromeMax Bromegrass
- 30% Mahulena (Fescue Type) Festulolium

### BM - O



- 75% BromeMax Bromegrass
- 25% Captur Orchardgrass

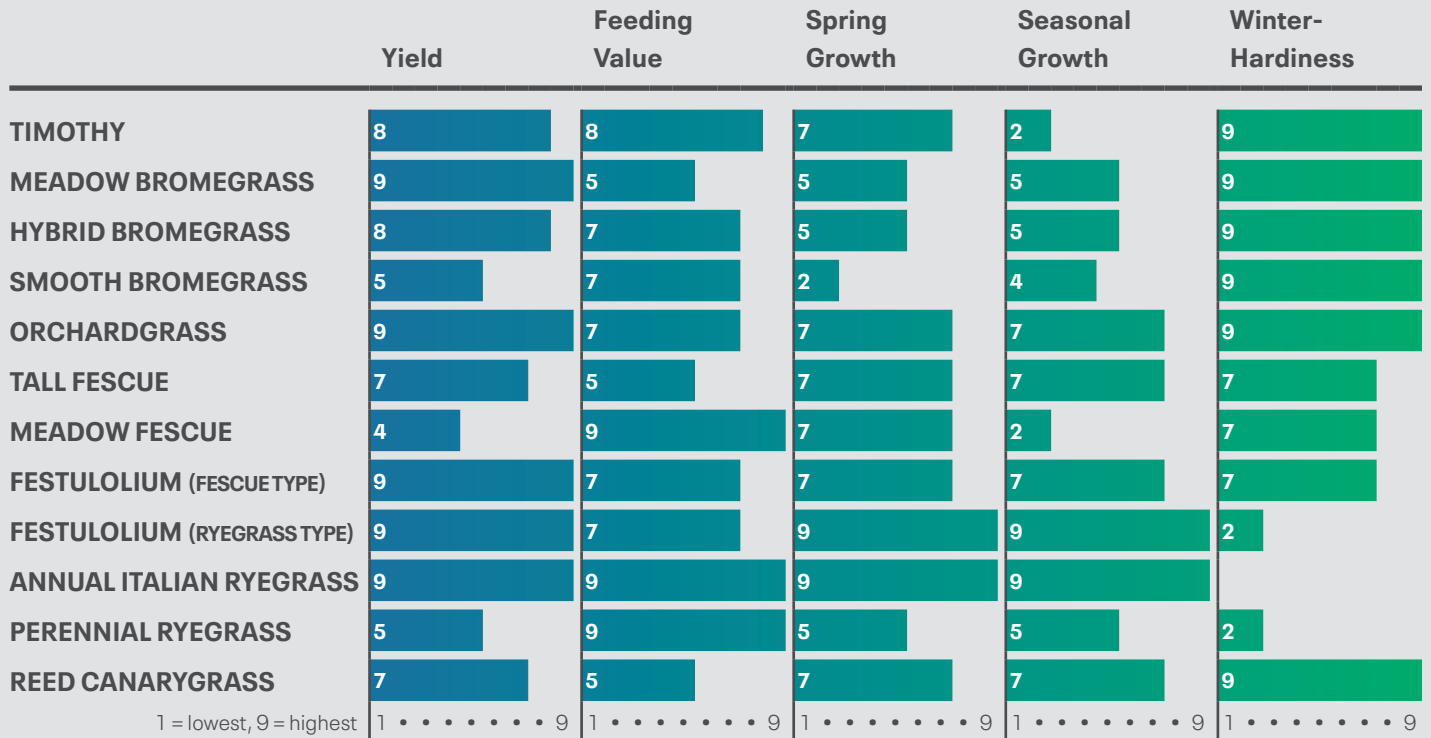


## SEED CALCULATOR AVAILABLE AT [DLFNA.COM](http://DLFNA.COM)

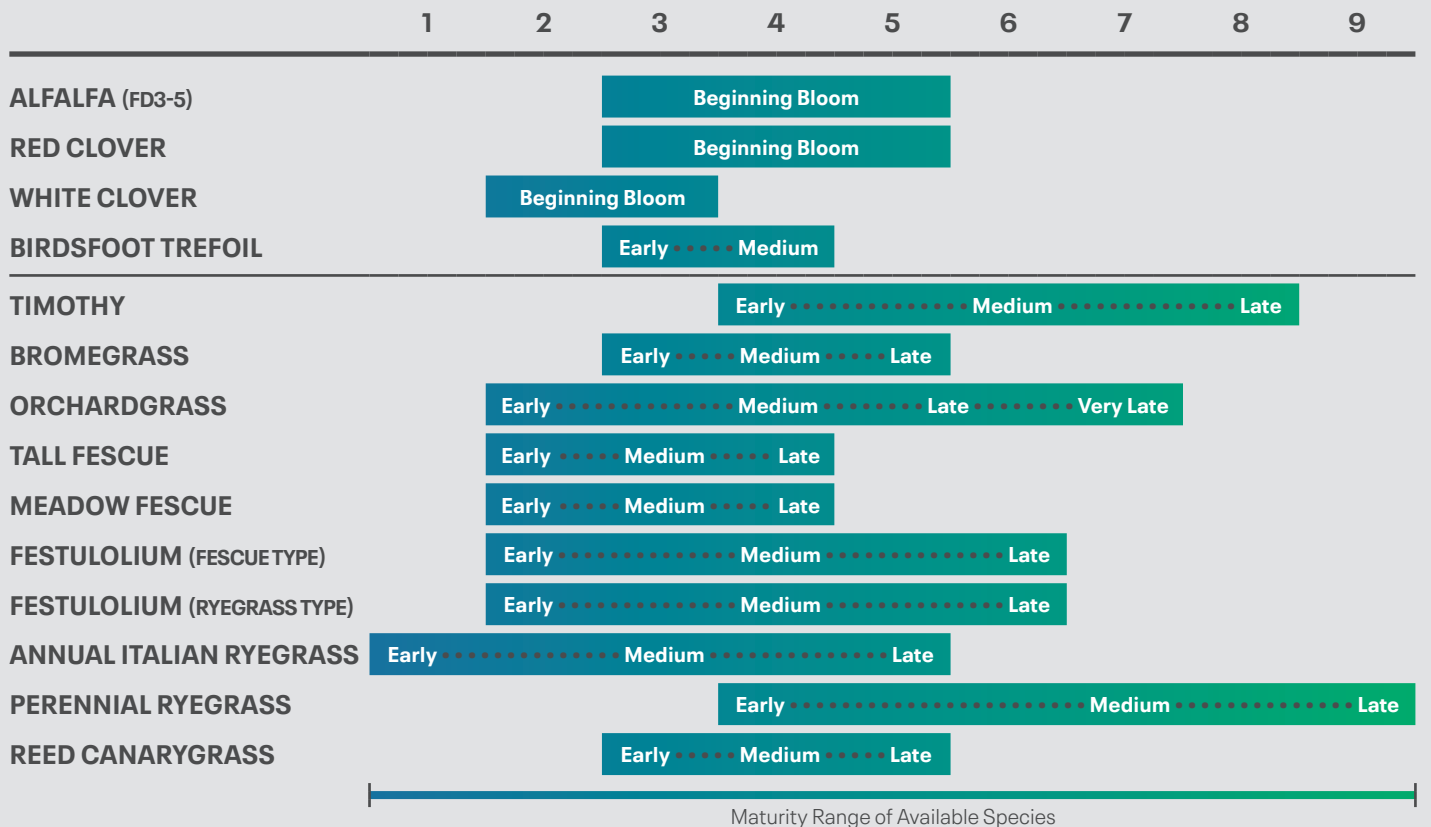
DETERMINE ESTIMATED QUANTITIES BASED ON SEEDING RATE  
WITH OUR SEED CALCULATOR TOOL!



# PROPERTIES OF GRASSES



# FORAGE MATURITY MATRIX



# XL BRANDS



Represent branded products that provide good value, maximum flexibility, more profit potential and continuous innovation. XL brands contain one or more improved varieties.

NAME	SPECIES	DESCRIPTION
PREMIUM XL	ALFALFA	• Very good forage yield • Very good forage quality
TOP TIM XL	TIMOTHY	• Excellent winterhardiness • Excellent for hay or pasture
HAYMATE XL	ORCHARDGRASS	• Excellent for hay or pasture • Improved disease resistance
BIG TON XL	BROMEGRASS	• Excellent winterhardiness • Very good forage quality
ENDO-GRAZE XL	PERENNIAL RYEGRASS	• Fast establishment • Excellent forage quality
DEFIANT XL	REED CANARYGRASS	• Can be used for hay, silage or pasture • Extremely stress tolerant
RED CARPET XL	RED CLOVER	• Fast establishment • Multi-cut varieties
ORION XL	LADINO WHITE CLOVER	• Good regrowth following grazing • Easy to establish
LOTUS XL	BIRDSFOOT TREFOIL	• Tolerant of poorly drained soils • Non-bloating legume
FUSION XL	FESTULOLIUM	• Very good forage quality • Very good forage yield
STARGRAZER XL	TALL FESCUE	• Endophyte free • Can be used for hay or pasture
TETRABANA XL	ITALIAN RYEGRASS	• Fast establishment • Excellent forage yield in seeding year

## PREMIUM XL ALFALFA MIXES

### 145 XL



- 85% Premium XL Alfalfa
- 15% Top Tim XL Timothy

### 147 XL



- 75% Premium XL Alfalfa
- 25% Top Tim XL Timothy

### 144 XL



- 60% Premium XL Alfalfa
- 40% Top Tim XL Timothy

### 140 XL



- 55% Premium XL Alfalfa
- 30% Top Tim XL Timothy
- 15% Red Carpet XL Red Clover

## PASTURE XL MIXES

### BEEF XL



- 20% Haymate XL Orchardgrass
- 16% Big Ton XL Bromegrass
- 16% Fusion XL Festulolium
- 12% Stargrazer XL Tall Fescue
- 12% Endo-Graze XL Perennial Ryegrass
- 8% Balin Kentucky Bluegrass
- 8% Top Tim XL Timothy
- 4% Orion XL Ladino Clover
- 4% Lotus XL Birdsfoot Trefoil

### CATTLE XL



- 20% Top Tim XL Timothy
- 20% Big Ton XL Bromegrass
- 20% Endo-Graze XL Perennial Ryegrass
- 20% Fusion XL Festulolium
- 15% Stargrazer XL Tall Fescue
- 5% Orion XL Ladino Clover

### HORSE XL



- 32% Top Tim XL Timothy
- 24% Balin Kentucky Bluegrass
- 16% Endo-Graze XL Perennial Ryegrass
- 8% Big Ton XL Bromegrass
- 8% Fusion XL Festulolium
- 8% Haymate XL Orchardgrass
- 4% Orion XL Ladino Clover

### WG XL



- 30% Top Tim XL Timothy
- 25% Big Ton XL Bromegrass
- 25% Endo-Graze XL Perennial Ryegrass
- 15% Balin Kentucky Bluegrass
- 5% Orion XL Ladino Clover



# COVER CROPS



## THE VALUE OF 1% ORGANIC MATTER

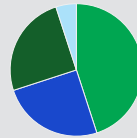
Every 1% increase of Organic Matter raises the soil's water-holding capacity by as much as 27,000 gallons per acre.\*

### 1% OF ORGANIC MATERIAL CONTAINS:

- 10,000 lbs. of Calcium,
- 1,000 lbs. of Nitrogen,
- 100 lbs. of Phosphorus,
- 100 lbs. of Potassium,
- 100 lbs. of Sulfur,
- 0.3-1 inch of Water.\*

### TAKING CARE OF YOUR BIGGEST RESOURCE ... SOIL

Research to date proves cover crops help in the short term and encouraging soil structure and soil health for decades to come.



- 45% Minerals (Clay, Sand, Etc.)
- 25% Air
- 25% Water
- 1-5% Organic
  - 85% Humus
  - 10% Roots
  - 5% Living Organisms

\*Ohio State University, 2014.

## SF COVER STARTER

Seed at 30 - 35 lbs/acre

### When to use:

- After corn, before soybeans
- After corn silage with manure application
- After winter wheat, before corn with manure application



WEED SUPPRESSION



COMPACTION ALLEVIATION



BIOMASS PRODUCTION



- 91% Winter (Cereal) Rye
- 9% Soil First® Select Radish

## SF COVER STARTER +

Seed at 30 - 35 lbs/acre

### When to use:

- After corn silage
- After soybeans, before corn
- After winter wheat, before corn



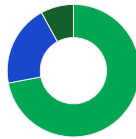
WEED SUPPRESSION



COMPACTION ALLEVIATION



EROSION CONTROL



- 72% Winter (Cereal) Rye
- 20% Crimson Clover
- 8% Soil First® Select Radish

## SF CORN INTERSEED

Seed at 30 - 35 lbs/acre

### When to use:

- Into corn at the 6-8 leaf stage



WEED SUPPRESSION



EASY ESTABLISHMENT



EROSION CONTROL



- 80% Coldsnap™ Brand Ryegrass
- 20% Crimson Clover

## SF MULTI-PURPOSE

Seed at 30 - 35 lbs/acre

### When to use:

- After corn, before soybeans
- After soybeans, before corn
- After corn silage to generate extra forage



WEED SUPPRESSION



EASY ESTABLISHMENT



BIOMASS PRODUCTION



- 50% Winter Triticale
- 38% Winter Peas
- 6% Soil First® Select Radish
- 6% Hybrid Brassica

## SF FIELD FIT

Seed at 25 - 30 lbs/acre

### When to use:

- After corn, before soybeans
- After soybeans, before corn to generate extra forage
- After corn silage
- After winter wheat, before corn to generate extra forage



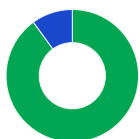
WEED SUPPRESSION



COMPACTION ALLEVIATION



EASY ESTABLISHMENT



- 90% Spring Oats
- 10% Soil First® Select Radish

## SF SOIL BUILDER

Seed at 30 - 35 lbs/acre

### When to use:

- After corn, before soybeans
- After corn silage no N fertilizer applied
- After winter wheat, before corn no N fertilizer applied



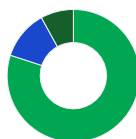
WEED SUPPRESSION



COMPACTION ALLEVIATION



P & K CYCLING



- 80% Coldsnap™ Brand Ryegrass
- 12% Crimson Clover
- 8% Soil First® Select Radish

**DETERMINE YOUR GOAL**



EASY ESTABLISH



P&K CYCLING



POLLINATOR BENEFIT



COMPACTION ALLEVIATION



WEED SUPPRESSION



BIOMASS PRODUCTION



EROSION CONTROL



NITROGEN FIXER

Planting Time\*

Seeding - Drill (lbs/acre)

**LEGUMES**

1 = Poor 2 = Average 3 = Good 4 = Very Good 5 = Excellent

Crimson Clover	4	3	3	2	4	3	3	FIXER	SG,LS	10 - 15
Red Clover	3	4	4	4	4	4	3	FIXER	SG,LS,F	8 - 12
Berseem Clover	4	4	3	2	4	3	4	FIXER	SG,LS	8 - 20
Winter Peas	4	2	4	2	4	3	3	FIXER	SG,LS	75 - 120
Hairy Vetch	3	4	5	3	4	4	3	FIXER	LS, F	15 - 30
Sunn Hemp	3	3	4	2	4	5	3	FIXER	SR,LS	15

**NON LEGUMES**

1 = Poor 2 = Average 3 = Good 4 = Very Good 5 = Excellent

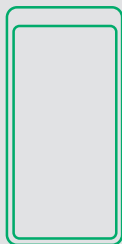
Italian Ryegrass	5	3	2	5	5	3	5	SCAVENGER	SG,LS,F	15 - 30
Winter (Cereal) Rye	4	4	1	4	5	4	5	SCAVENGER	LS,F	30 - 50
Winter Triticale	4	4	1	2	4	5	4	SCAVENGER	LS,F	30 - 50
Spring Oats	4	3	1	2	4	4	4	SCAVENGER	SG,LS	30 - 50
Pearl Millet	5	3	3	3	5	5	4	SCAVENGER	SR,LS	20 - 30
Sorghum x Sudangrass	4	3	3	4	5	5	4	SCAVENGER	SM	25 - 70
Buckwheat	5	5	5	3	5	4	2	SCAVENGER	SG,SR	40 - 55

**BRASSICAS**

1 = Poor 2 = Average 3 = Good 4 = Very Good 5 = Excellent

Soil First® Radish	5	4	2	5	5	4	4	SCAVENGER	LS	3 - 8
Turnip	5	3	3	3	5	4	3	SCAVENGER	LS	2 - 6
Rapeseed	5	4	4	5	3	4	4	SCAVENGER	SG,LS	4 - 6
Braco Mustard	5	3	5	4	3	4	3	SCAVENGER	SG,LS	6 - 15
Hybrid Brassica	5	3	3	3	4	4	4	SCAVENGER	SR,LS	4 - 8

\*SG = Spring SR = Summer LS = Late Summer F = Fall



LET US TAKE THE GUESSWORK OUT OF COVER CROPS WITH OUR

**COVER CROP SELECTION TOOL**

[DLFPICKSEED.CA/FORAGE/COVER-CROP-SELECTION-TOOL](http://DLFPICKSEED.CA/FORAGE/COVER-CROP-SELECTION-TOOL)







# CORN HYBRIDS

## CORN TRAITS

Many grain and silage hybrids contain advanced corn traits that provide a broad spectrum of above and below ground insect and weed control. The chart on this page is designed to help you choose the right corn hybrid to meet your needs.

## PROPERTIES OF CORN TRAITS

	Above Ground Pests						Below Ground Pests		Weed Control	Refuge	
	European Corn Borer	Southwestern Corn Borer	Corn Earworm	Fall Armyworm	Western Bean Cutworm	Black cutworm	Northern Corn Rootworm	Western Corn Rootworm	Roundup Ready®	LibertyLink®	Minimum Refuge Requirement
	...	...	..	...		.	..	..	.	.	5% RIB*
	..	...	...	...	.	.			.		5% RIB*
	..	..	..	..					.		5% RIB*
									.		0%
	• Single Mode of Action			•• Dual Mode of Action			••• Triple Mode of Action				

\*SmartStax® RIB Complete® and VT Double PRO® RIB Complete® designation contain a blend of 95 traited corn seed and 5 percent refuge (non B.t.) corn seed that farmers can plant across their entire field. Farmers who plant RIB Complete® products will no longer need to plant a separate, structured refuge for insect pests on those given fields.



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. These products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from these products 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 these products. 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, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate. RIB Complete®, Roundup Ready 2 Technology and Design™, Roundup Ready®, Roundup®, SmartStax® and VT Double PRO® are trademarks of Bayer Group, Bayer Canada ULC licensee. LibertyLink® and the Water Droplet Design are trademarks of BASF. Used under license. Herculex® is a registered trademark of Dow AgroSciences LLC. Used under license.



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 Monsanto Technology Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.

# PROTECT YOUR CORN SEED'S PERFORMANCE

MAXIMIZE YOUR CORN'S POTENTIAL WITH SUPERIOR PROTECTION & GREATER FLEXIBILITY. CHOOSE THE ACCELERON® PACKAGE THAT'S RIGHT FOR YOUR FIELD.

## PROTECTION

### SEED APPLIED SOLUTION



#### FUNGICIDE

Excellent control of soil & seed borne disease including Pythium, Rhizoctonia, Fusarium, Phomopsis, Rhizopus, Aspergillus & Penicillium



#### INSECTICIDE\*

Protection from early season pests such as wireworm, white grubs & seed corn maggots



\*Diamides are a unique class of chemistry that offers an alternative for growers looking for newer, non-neonicotinoid chemistries to add into their programs. Active ingredients in this class of chemistry work by activating ryanodine receptors in insect pests, which results in unregulated calcium release. The calcium stores are then depleted, leading to muscle paralysis and eventual death.

FOR TREATMENT OPTIONS AND AVAILABILITY, SEE YOUR RETAILER OR VISIT [ACCELERONSAS.CA](http://ACCELERONSAS.CA).

FOR CORN, EACH ACCELERON® SEED APPLIED SOLUTIONS OFFERING is a combination of separate individually registered products containing the active ingredients: BASIC is a combination of fluoxastrobin, prothioconazole, and metalaxyl. STANDARD is a combination of fluoxastrobin, prothioconazole, metalaxyl and insecticide of either clothianidin or tetraniliprole.



ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Acceleron® is a trademark of Bayer Group.

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# HYBRID CORN: 70 - 80 DAYS TO MATURITY

Variety	Heat Units	Relative Maturity	Value Added Trait	Seeding Rate (000 PPA)	Emergence	Seedling Vigor	Stalk Strength	Root Strength	Stay Green	Stress Tolerance	Test Weight	Silage Potential	North Leaf Blight	Gray Leaf Spot	Common Rust	Goss's Wilt	Flowering	Plant Height	Grain Type	Dry Down			
<b>HYBRID CORN</b>					1 = Poor    5 = Excellent    - = Not Available																		
DLF 2076VT2P RIB	2050	72	VT Double PRO <sup>®</sup> RIB COMPLETE	32 - 36	4	4	4	4	4	4	4	4	4	4	4	4	E	M	D	Fast			
DLF 2142RR	2100	75	Roundup Ready <sup>2</sup> CORN	32 - 36	4	4	4	4	4	4	4	4	4	4	4	4	E	SM	D	Fast			
<b>NEW</b> DLF 2158VT2P RIB	2175	76	VT Double PRO <sup>®</sup> RIB COMPLETE	32 - 36	4	4	4	4	4	4	4	4	4	4	4	4	E	MT	D	Fast			
DLF 2210VT2P RIB	2225	77	VT Double PRO <sup>®</sup> RIB COMPLETE	32 - 36	4	4	4	4	4	4	4	4	4	4	4	4	E	T	D	Fast			
DLF 2320RR	2300	78	Roundup Ready <sup>2</sup> CORN	30 - 34	4	4	4	4	4	4	4	4	4	4	4	4	E	T	F-D	Slow			
DLF 2321VT2P RIB	2325	78	VT Double PRO <sup>®</sup> RIB COMPLETE	30 - 34	4	4	4	4	4	4	4	4	4	4	4	4	E	T	F-D	Slow			
DLF 2332	2350	79		32 - 36	4	4	4	4	4	4	4	4	4	4	4	4	VE	M	F	Slow			
DLF 2333RR	2375	79	Roundup Ready <sup>2</sup> CORN	32 - 36	4	4	4	4	4	4	4	4	4	4	4	4	VE	M	F	Slow			
<b>NEW</b> DLF 2334VT2P RIB	2400	80	VT Double PRO <sup>®</sup> RIB COMPLETE	32 - 36	4	4	4	4	4	4	4	4	4	4	4	4	VE	M	F	Slow			
DLF 2495RR	2425	80	Roundup Ready <sup>2</sup> CORN	30 - 34	4	4	4	4	4	4	4	4	4	4	4	4	E	VT	F	Slow			

FLOWERING PLANT HEIGHT GRAIN TYPE    VE = Very Early    S = Short    E = Early    SM = Short-Medium    EM = Early-Medium    M = Medium    MT = Medium-Tall    T = Tall    VT = Very Tall    M = Medium    ML = Medium-Late    L = Late    D = Dent    F = Flint    F-D = Flint-Dent

## **NEW** DLF 2158VT2P RIB

- Early maturing dent hybrid
- Widely adaptable
- Prefers higher populations

CHU: 2175  
RM: 76

VT Double PRO<sup>®</sup>  
RIB COMPLETE

Seedling Vigour	4
Stalk Strength	4
Dry Down	5
Test Weight	4
Silage Potential	4

## **NEW** DLF 2334VT2P RIB

- Impressive dual purpose
- Uniform ear development
- Excellent staygreen

CHU: 2400  
RM: 80

VT Double PRO<sup>®</sup>  
RIB COMPLETE

Seedling Vigour	4
Stalk Strength	4
Dry Down	3
Test Weight	5
Silage Potential	5



# HYBRID CORN: 81 - 93 DAYS TO MATURITY

Variety	Heat Units	Relative Maturity	Value Added Trait	Seeding Rate (000 PPA)	Emergence	Seedling Vigor	Stalk Strength	Root Strength	Stay Green	Stress Tolerance	Test Weight	Silage Potential	North Leaf Blight	Gray Leaf Spot	Common Rust	Goss's Wilt	Flowering	Plant Height	Grain Type	Dry Down		
<b>HYBRID CORN</b>					1 = Poor    5 = Excellent    - = Not Available																	
DLF 2562VT2P RIB	2425	82	<b>VTDoublePRO</b> RIB COMPLETE	32 - 36	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	E	M	D	Fast	
DLF 2563GSX RIB	2500	83	<b>SmartStax</b> RIB COMPLETE	32 - 36	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	E	M	D	Fast	
DLF 2570VT2P RIB	2575	85	<b>VTDoublePRO</b> RIB COMPLETE	32 - 36	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	E	MT	D	Fast	
DLF 2571GSX RIB	2600	85	<b>SmartStax</b> RIB COMPLETE	32 - 36	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	E	MT	D	Fast	
DLF 2790	2675	89		30 - 35	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	M	MT	D	Fast	
DLF 2777RR	2675	90	<b>Roundup Ready 2</b> CORN	32 - 36	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	EM	MT	D	Fast	
DLF 2778VT2P RIB	2700	91	<b>VTDoublePRO</b> RIB COMPLETE	32 - 36	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	EM	MT	D	Fast	
DLF 2793GSX RIB	2700	91	<b>SmartStax</b> RIB COMPLETE	30 - 35	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	M	VT	D	Fast	
DLF 2767VT2P RIB	2725	91	<b>VTDoublePRO</b> RIB COMPLETE	32 - 36	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	EM	M	D	Fast	
<b>NEW</b> DLF 2799RR	2775	92	<b>Roundup Ready 2</b> CORN	32 - 36	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	ML	MT	D	Fast	
<b>NEW</b> DLF 2731VT2P RIB	2800	93	<b>VTDoublePRO</b> RIB COMPLETE	32 - 36	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	M	MT	D	Fast	
DLF 2883TRE RIB	2800	93	<b>Trecepta</b> RIB COMPLETE CORN	32 - 36	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	EM	M	D	Fast	

FLOWERING: VE = Very Early, E = Early, EM = Early-Medium, M = Medium, ML = Medium-Late, L = Late  
 PLANT HEIGHT: S = Short, SM = Short-Medium, M = Medium, MT = Medium-Tall, T = Tall, VT = Very Tall  
 GRAIN TYPE: D = Dent, F = Flint, F-D = Flint-Dent

## **NEW** DLF 2799RR

- Very good yield performance
- Widely adapted, good health
- Consistent ear development

CHU: 2775  
RM: 92



Seedling Vigour	4
Stalk Strength	4
Dry Down	5
Test Weight	4
Silage Potential	5

## **NEW** DLF 2731VT2P RIB

- Strong yield & agronomics
- Great staygreen & fall intactness
- Medium tall plant height

CHU: 2800  
RM: 93



Seedling Vigour	4
Stalk Strength	5
Dry Down	5
Test Weight	4
Silage Potential	4





# HYBRID CORN: 94+ DAYS TO MATURITY

Variety	Heat Units	Relative Maturity	Value Added Trait	Seeding Rate (1,000 PPA)	Emergence	Seedling Vigor	Stalk Strength	Root Strength	Stay Green	Stress Tolerance	Test Weight	Silage Potential	North Leaf Blight	Gray Leaf Spot	Common Rust	Goss's Wilt	Flowering	Plant Height	Grain Type	Dry Down	
<b>HYBRID CORN</b>					1 = Poor			5 = Excellent			- = Not Available										
DLF 2815	2850	94		32 - 36	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	ML	MT	D	Fast	
DLF 2818GSX RIB	2875	94	<b>SmartStax</b> RIB COMPLETE	32 - 36	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	ML	MT	D	Fast	
<b>NEW</b> DLF 2954VT2P RIB	2900	96	<b>VTDoublePRO</b> RIB COMPLETE	32 - 36	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	L	MT	D	Fast	
DLF 2955GSX RIB	2950	98	<b>SmartStax</b> RIB COMPLETE	32 - 36	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	L	MT	D	Fast	
DLF 2991VT2P RIB	2975	99	<b>VTDoublePRO</b> RIB COMPLETE	32 - 34	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	M	T	D	Fast	
<b>NEW</b> DLF 3039TRE RIB	3000	101	<b>Trecepta</b> RIB COMPLETE CORN	32 - 36	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	M	M	D	Fast	

FLOWERING: VE = Very Early, E = Early, EM = Early-Medium, M = Medium, ML = Medium-Late, L = Late  
 PLANT HEIGHT: S = Short, SM = Short-Medium, M = Medium, MT = Medium-Tall, T = Tall, VT = Very Tall  
 GRAIN TYPE: D = Dent, F = Flint, F-D = Flint-Dent



**NEW**  
**DLF 2954VT2P RIB**

- Excellent top end yield potential
- Widely adapted
- Prefers high populations

CHU: 2900 **VTDoublePRO**  
 RM: 96

Seedling Vigour	4
Stalk Strength	4
Dry Down	5
Test Weight	4
Silage Potential	4

**NEW**  
**DLF 3039TRE RIB**

- Excellent stalk and root strength
- Very good late season staygreen
- Western Bean Cutworm control

CHU: 3000 **Trecepta**  
 RM: 101

Seedling Vigour	4
Stalk Strength	4
Dry Down	5
Test Weight	4
Silage Potential	4

# SILAGE SPECIFIC LEAFY HYBRIDS

Variety	Heat Units	Relative Maturity	Value Added Trait	Seeding Rate (,000 PPA)	Emergence	Seedling Vigor	Stalk Strength	Root Strength	Stay Green	Stress Tolerance	Plant Height	Cob Colour	Milk/Tonne	Milk/Acre
LEAFY CORN HYBRIDS					1 = Poor	5 = Excellent	-- Not Available							
DLF ExSeed LF RR	2550	85	Roundup Ready <sup>2</sup> CORN	28 - 30	●●●	●●●	●●	●●●	●●	●●	T	W	●●●	●●
DLF ExAmine LFF RR	2625	86	Roundup Ready <sup>2</sup> CORN	28 - 30	●●●	●●●	●●	●●●	●●	●●	T	R	●●●	●●
DLF ExPand LF RR	2725	90	Roundup Ready <sup>2</sup> CORN	26 - 28	●●●	●●●	●●	●●●	●●	●●	VT	W	●●●	●●
DLF ExPert LF RR	2800	93	Roundup Ready <sup>2</sup> CORN	26 - 28	●●●	●●●	●●	●●●	●●	●●	VT	W	●●●	●●
DLF ExPect LFF	2850	94		26 - 28	●●●	●●●	●●	●●●	●●	●●	VT	W	●●●	●●
DLF ExPect LFF RR	2850	94	Roundup Ready <sup>2</sup> CORN	26 - 28	●●●	●●●	●●	●●●	●●	●●	VT	W	●●●	●●
DLF ExCess GSX RIB	2875	95	SmartStax <sup>3</sup> RIB COMPLETE	28 - 30	●●●	●●●	●●	●●●	●●	●●	VT	R	●●●	●●
DLF ExEcute LF RR	2925	97	Roundup Ready <sup>2</sup> CORN	26 - 28	●●●	●●●	●●	●●●	●●	●●	VT	W	●●●	●●

PLANT HEIGHT S = Short SM = Short-Medium M = Medium MT = Medium-Tall T = Tall VT = Very Tall  
COB COLOUR W = White R = Red



### DLF EXAMINE LFF RR

- Full flourey leafy corn silage
- Early season development

CHU: 2625  
RM: 86

Seedling Vigour **5**

Stalk Strength **3**

Emergence **5**

Height **4**

### DLF EXPECT LFF RR

- Full flourey Leafy corn silage
- White cob
- Very tall plant height

CHU: 2850  
RM: 94

Seedling Vigour **5**

Stalk Strength **4**

Emergence **5**

Height **5**

### DLF EXECUTE LF RR

- Flourey Leafy Corn Silage
- White cob
- Excellent emergence

CHU: 2925  
RM: 97

Seedling Vigour **5**

Stalk Strength **5**

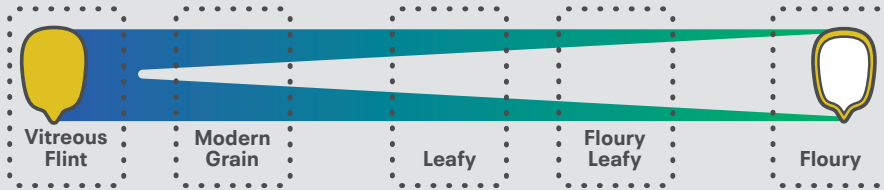
Emergence **3**

Height **5**



# CHOOSING THE RIGHT HYBRID FOR YOUR CORN SILAGE NEEDS

## CORN KERNEL COMPOSITION TYPES:



Dual purpose and BMR hybrids have a modern grain type kernel with more vitreous starch.

Leafy and Flourey Leafy corn silage hybrids have more flourey kernel types for a boost in starch digestibility.

## DUAL PURPOSE

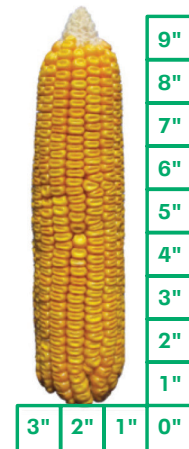
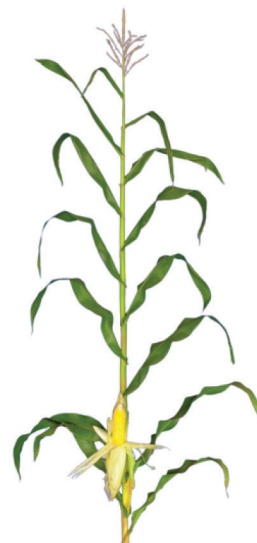
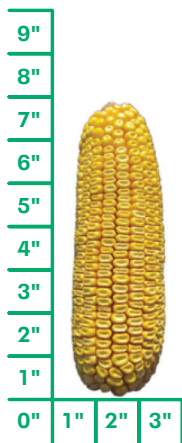
- Convenient harvest options
- Higher planting populations (higher seed cost)
- High vitreous starch (less starch digestibility)

## LEAFY

- Silage specific harvest option
- Lower planting populations (lower seed cost)
- More leaves above the ear (increased tonnage)
- Less vitreous and more flourey starch (improved starch digestibility)

## FLOUREY LEAFY

- Silage specific harvest option
- Lower planting populations (lower seed cost)
- More leaves above the ear (increased tonnage)
- High flourey starch (increased starch digestibility)



GRAIN 35,000 PPA

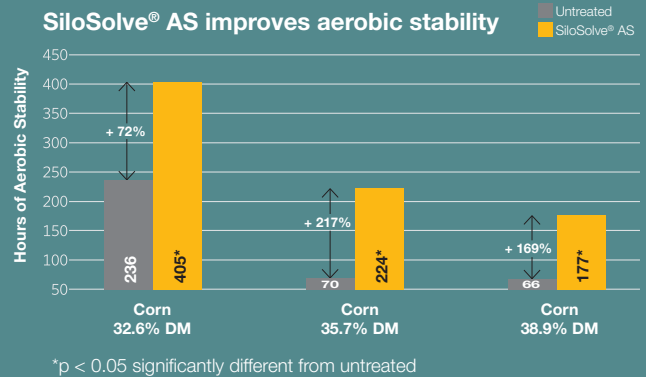
LEAFY 28,000 PPA



## SiloSolve® AS - Bacterial inoculant for aerobic stability and enhanced fermentation

SiloSolve® AS is a science-based, research-proven bacterial inoculant formulated for corn:

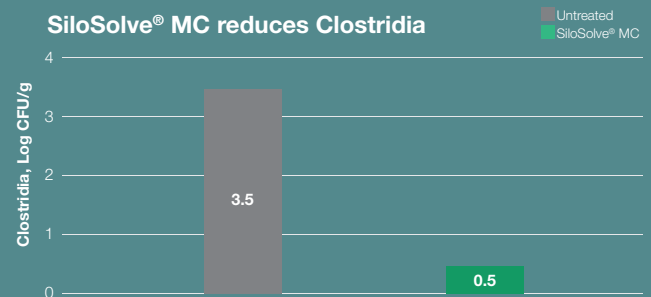
- Reduces heating and improves aerobic stability
- Improves nutrient preservation and silage quality



## SiloSolve® MC - Bacterial inoculant for superior fermentation and microbial control of silage

SiloSolve® MC is a science-based, research-proven bacterial inoculant formulated for wet silages:

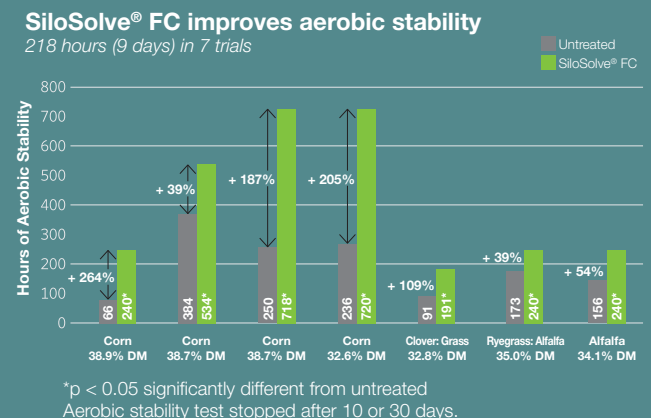
- Improves fermentation
- Improves dry matter recovery
- Improves feed efficiency and milk production



## SiloSolve® FC - Bacterial inoculant for improved fermentation and aerobic stability of silage

SiloSolve® FC is a science-based, research-proven bacterial inoculant formulated for all crops:

- Rapidly establishes anaerobic environment and prevents spoilage
- Improves aerobic stability and dry matter recovery
- Excellent fermentation and aerobic stability, even at 7 days ensiling





# WORKING WITH DLF



**OUR WORLD CLASS SEED IS PRODUCED BY  
THE FINEST GROWERS IN THE INDUSTRY**

**IT TAKES 15 YEARS OF RESEARCH & DEVELOPMENT FOR A  
NEW VARIETY TO MAKE IT INTO A DLF SEED BAG!**

## **YEAR 1-4**

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Different legumes and grasses are crossed in order to find new and improved breeding lines. These new lines are then propagated for test seed samples and sown in thousands of test plots.

## **YEAR 5-8**

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The new breeding lines are tested under different climatic conditions around the world to evaluate their performance. Only the best varieties continue in our program.

## **YEAR 9-11**

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The very best varieties are put into initial seedstock production by our breeders.

## **YEAR 12-13**

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Seedstock is planted by our experienced seed growers.

## **YEAR 14**

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Certified seeds are harvested, cleaned and samples are taken and tested for purity and germination in our own laboratories.

## **YEAR 15+**

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After careful selection the varieties are mixed and packed into our bags at our dedicated warehouse.





# CUSTOMER SERVICE

At DLF we strive to provide industry leading customer service. We will provide the tools and support you need to succeed! We're proud of the people and relationships that make up DLF. The knowledge, expertise, loyalty and trust they bring are essential to our ability to deliver value to our customers, and to our continued success. We build a culture of trust through the following customer service standards:

## ABOUT DLF CANADA INC. ...

**DLF Canada Inc. was formed in 2022. DLF was founded in 1906 and is the global market leader in the research, development, production and distribution of turfgrass and forage crop seed.**

**DLF is owned by 3,000 Danish seed growers and has subsidiaries or sales offices in 22 countries around the world.**

**DLF Canada Inc. is headquartered in Lindsay, Ontario. Our brands are backed by a trusted and proven reputation for quality, agronomic advice and a commitment to research and technology. Our dedicated team provides practical and effective solutions to improve your profitability and reduce your operating risk.**

## COMMUNICATION

Customers can expect and trust professional advice and support

## COMMITMENT

Customers can expect delivery of quality products and friendly service

## CREDIBILITY

Customers can expect added value by working with us





# DLF IS PROUD TO OFFER: FCC CROP INPUT FINANCING



**SAVE NOW,  
PAY LATER!**

With up to 18 months to pay, it's the simple and flexible way to free up your cash flow. Get pre-approved and take the guess work out of managing your crop input purchases.

## 18 - MONTH CROP CYCLE

**MAR 15**

**AUG 31** - *Last day to buy*

**SEPT 1**



**Connect with your local DLF Sales Manager or Agent for more information!**



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**CLEMENT MO**

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(HEAD OFFICE)**

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**QUÉBEC**

**1-800-567-7425**

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F (450) 799-1026

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F (780) 464-0305

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