
2025



CROPLAN®

By **WINFIELD**
UNITED

**SEED
GUIDE**

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NEW!

LOOKING FOR OUR CROP PROTECTION PRODUCTS?

Check out our Crop Protection Guide online or at your local independent retailer!

 [WinFieldUnitedCanada](#)

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[WINFIELDUNITED.CA](#)

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WHO WE ARE

THE PARTNER YOU NEED, NOT THE ONE YOU'RE USED TO.

At WinField® United Canada, we don't just supply your area, we're part of it. It's where we live, work and play, too. We're unapologetically committed to local farmers, independent retailers and CROPLAN® distributors. Because successful operations grow vibrant communities.

We were created to give farmers and retailers the upper hand – the products, services and knowledge of a large national network without sacrificing the values and purpose of local independence. Combining regional insight and world-class expertise, we proudly fight for the needs of local business owners and the farmers they support.

PART OF YOUR COMMUNITY

AG THRIVES ON THE SUPPORT OF GOOD NEIGHBOURS

We're proud to support local partners and farmers through our pillars of community investment: Mental Health, Hunger, Education and Community.

OUR INITIATIVES

Uplifting people and communities through volunteering and philanthropy is a fundamental part of how we operate every day. WinField United also undertakes two major community initiatives each year.



The Journey 5km by WinField United run/walk was created to support mental health and combat burnout heading into the busy growing season. Participants simply sign up, run/walk 5 km, have open discussions about mental health, and check in with family, friends and co-workers. Join us next spring!



JOURNEY 5KM

Use smartphone camera to scan code



Raise the Barn brings together independent retailers and community organizations to make a lasting difference in the communities in which we live and work. Partners put their creativity and ingenuity to the test to come up with an impactful idea to address a local need in the areas of Mental Health, Hunger, Education or Community.



RAISE THE BARN

Use smartphone camera to scan code

2024 WE'VE GOT A LOT GOING ON.

CROPLAN By WINFIELD UNITED
Our field trial program aims to provide local data, insights and confidence for the CROPLAN brand and farmers.

ANSWER PLOT[®] LEARNING SITE LOCATED EAST OF SASKATOON, SK

Hands-on learning showcase with the latest innovations in canola hybrids, and new crop protection products and practices.

WESTERN CANADIAN CROPLAN RESEARCH SITES

Brunkild, MB Neerlandia, AB
Avonlea, SK Coalhurst, AB



PROVINCIAL TRIALS

- Manitoba Canola Variety Evaluation Trials
- Manitoba Corn Performance Trials
- Ontario Corn Performance Trials
- Quebec Corn Performance Trials
- Manitoba Corn Silage Trials
- Manitoba Soybean Variety Trials
- Ontario Soybean Variety Trials
- Quebec Soybean Variety Trials
- Saskatchewan Soybean Regional Variety Trials
- Manitoba Sunflower Variety Performance Trials

EASTERN CANADIAN CROPLAN RESEARCH SITES

Belwood, ON Walton, ON
Centralia, ON Williamsburg, ON
Dundalk, ON Woodstock, ON
Harriston, ON St. Hugues, QC
Malden, ON St. Jean sur Richelieu, QC
Port Hope, ON St. Leon, QC
Tupperville, ON Victoriaville, QC
Wabash, ON



1,500 FARMER FIELD TRIAL DATA POINTS BEING COLLECTED THIS YEAR

VISIT WINFIELDUNITED.CA TO FIND TRIALS NEAR YOU

CROPLAN By WinField United represents the cutting edge in ag innovation. Through extensive research, testing and development, we've handpicked the industry's best genetics to bring you a broad selection of hybrids and varieties specially adapted to the unique and diverse conditions of farmers across Canada.

SEED DESIGNED FROM THE GROUND UP



By WINFIELD UNITED

ALFALFA



WinField United Canada works closely with farmers to select the right alfalfa genetics for their fields, pairing new traits with the latest technologies to give farmers the best chance to produce higher quality feed and optimize tonnage.

DAIRY. IT'S IN OUR DNA.

WinField United Canada is a division of Land O'Lakes Inc.®, a company that began as a farmer-owned dairy marketing co-operative 100 years ago. Forage isn't just something we do, it's part of who we are.

Alfalfa is one of the most important complete feeds available for milk production. Our line of high quality alfalfa genetics helps dairy farmers maximize performance with greater profit potential through increased forage utilization. Simply put, alfalfa makes milk.

CROPLAN ALFALFA

Backed by dedicated facilities and a 30-member team of seed production and research professionals, our commitment to forage development has changed the game for alfalfa harvesting.

CONVENTIONAL VARIETIES WITH PROVEN BENEFITS

For more than three decades, our breeders have advanced forage quality through conventional selection. This includes traits that maximize winterhardiness, yield and digestibility with superior leaf retention and stem quality, as well as seed coatings and disease resistance packages. These conventional lines accommodate three-, four- or five-cut baled hay or haylage harvest, and heavy, wet problematic soils.

GENETICALLY ENHANCED HARVXTRA®

We are the leading developer of alfalfa biotechnology and marker-assisted breeding. Through gene suppression, we have been able to change both the lignin content and composition, while maintaining the high quality characteristics that matter most. HarvXtra is the most advanced alfalfa on the market today with not only genetically improved feed quality, but genetic tolerance to glyphosate with Roundup Ready® Technology for season-long weed control.

CROPLAN
ALFALFA
CROPLAN

TRAIT SELECTION

CROPLAN alfalfa offers a variety of traits to fit your production needs.

HARVXTRA ALFALFA

WEST EAST

- One of the most genetically advanced alfalfas today.
- Modifies lignin content beyond what is possible with conventional breeding.
- Maintain your current harvest schedule or delay harvest for greater yield without the worry of quality decline as HarvXtra has the ability to hold protein quality significantly longer than conventional varieties.
- Includes Roundup Ready® Technology for improved weed control and excellent crop safety.
- Available in Eastern Canada only.

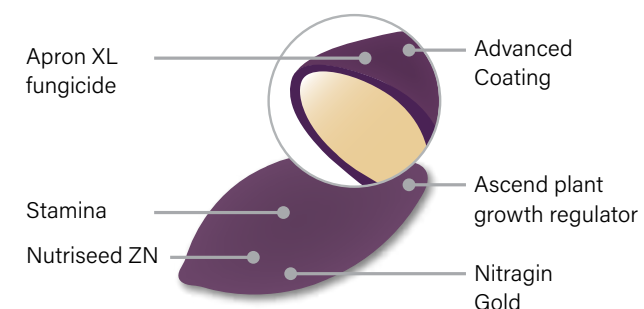
CONVENTIONAL ALFALFA

WEST EAST

- Developed through conventional breeding – not the result of genetic engineering (non-GMO).
- Excellent alfalfa genetics for high forage quality and excellent yield potential.
- High resistance to several key insects and diseases.
- Available in both Eastern and Western Canada.

USE COATED SEED

The most critical time for long-term stand productivity occurs within 30 days after seeding. CROPLAN alfalfa seed is coated to help produce strong, healthy seedlings for high yielding alfalfa stands.



Apron XL® fungicide: Helps protect seedlings from root diseases during establishment.

Stamina® fungicide: Additional protection from multiple races of aphanomyces root rot disease.

Nutriseed® ZN: Activates genes and mobilizes enzymes involved in germination.

Advanced Coating®: Micronutrient package provides zinc and manganese.

Ascend® plant growth regulator: Can help boost root growth and improve plant vigour early in the growing season.

Nitragin® Gold: Pre-inoculant that improves nitrogen fixation for maximum yield potential.



PRACTICE GOOD IN-SEASON MANAGEMENT

STAND ESTABLISHMENT

- Plant into a firm seedbed to control seed depth. Planting into a loose seedbed often allows seeds to end up at varying depths, resulting in uneven stands. Avoid surface application unless follow-up packing is performed.
- Planting rates do not need to be adjusted for coated seed. Refer to provincial recommendations or reach out to your local Market Development Manager to discuss ideal planting rates.
- Seed-to-soil contact is crucial. Water must leave the soil particle and enter the seed coat before the tiny seed can germinate. Press wheel drills, cultipackers or other roller-type devices help improve seed-to-soil contact and increase the number of seedlings that germinate and become established plants.

SEEDING DEPTH

Soil Type	Ideal Seeding Depth
Clay	1/4 to 1/2 in.
Loam	1/4 to 1/2 in.
Sand	1/2 to 1 in.

WEED CONTROL

To ensure good stand establishment, control weeds early and according to the label. Consider the added benefits of Roundup Ready® alfalfa, available in Eastern Canada, which provides farmers with more flexible management strategies including:

- Flexible direct seeding in the spring, summer or early fall.
- Spring seed following overwinter cover crop.
- Use glyphosate in HarvXtra varieties for excellent weed control and crop safety throughout stand life.

INSECT AND DISEASE MANAGEMENT

Control insects, such as aphids (spotted, blue, pea, cowpea), alfalfa weevils and leafhoppers, when agronomic thresholds have been reached. Manage foliar diseases and, when applicable, choose an alfalfa variety with built in resistance for common diseases such as aphanomyces root rot, anthracnose and fusarium wilt.

NUTRIENT MANAGEMENT

Alfalfa requires a neutral soil pH for high production. Take soil and plant tissue tests to monitor macronutrients and micronutrients.

READING THE STAND

Evaluate alfalfa stem density to assess current productivity potential and root health to determine future yield potential. Dig up several plants from different field locations, cut into the taproot and visually assess the plant according to the photo chart below.

STEM DENSITY

Stand Density (stems/sq. ft.)	Suggested Action
>55	Stem density not limiting yield
40-55	Expect some yield reduction
<39	Consider replacing stand

PLANT DENSITY

Period	Plants/sq. ft.
Within 30 days of seeding	25-30
Fall of seeding year	15-25
1st production year	10-15
2nd production year	6-10
3rd production year	4-6

PLANT HEALTH

Average Root Score	Suggested Action
0-2	Keep stand in production
2-3	Consider replacing stand
3-5	Rotate stand out of production



0 Healthy root 1 Some root discoloration 2 Moderate root discoloration and rot



3 Significant root discoloration and rot 4 Greater than 50% root discoloration 5 Dead root

Source: Alfalfa Management Guide, p. 43. © 2000 by the American Society of Agronomy, Inc.; Crop Science Society of America, Inc.; and Soil Science Society of America, Inc.

FALL DORMANCY

Fall Dormancy (FD) is an important consideration for alfalfa growth as it determines how late your stand will grow into the fall, which impacts spring and fall growth patterns, and most importantly yield.

A higher FD number = higher yield potential

WINTERHARDINESS

Winterhardiness (WH) is a measure of the genetic likelihood the alfalfa stand will survive the winter without injury or death.

A lower WH number = more cold tolerance and stand persistence

HEALTHY ALFALFA PLANT

High response or luxury supply of potassium (K), boron (B), sulfur (S) and phosphorus (P)

- Potassium (potash or K) soil test = 300 lbs or 150 ppm
- Phosphorus (P) soil test = 50 lbs or 25 ppm

Optimum soil pH is 6.8 to 7.2

STRESSED ALFALFA PLANT

High soil pH of >7.6 can cause nutrient deficiencies, including phosphorus (P), manganese (Mn), zinc (Zn) and copper (Cu)

Low soil pH of <6.0 can result in poor growth, limit nodulation and require lime

Poorly drained, compacted soils that contain rock layers or hard pans can cause restricted root growth

STAFF PICK

REBOUND AA

We grow this alfalfa variety on our dairy farm and it is an absolute rock star! It is well suited for intense management, four to five cuts per season due to fast re-growth, superb winterhardiness and extremely good resistance against soil borne diseases such as aphanomyces root rot.

For more information on this product, visit page 17.



Kaitland VanderSpek,
Market Development
Manager | Ontario



HARVXTRA ALFALFA CHANGES THE GAME¹

HarvXtra alfalfa with Roundup Ready Technology is the first genetically enhanced alfalfa trait developed to maximize quality by reducing lignin when compared to conventional breeding.

TO BE PLANTED IN EASTERN CANADA ONLY.

HARVXTRA
with Roundup Ready[®] Technology

When compared to conventional alfalfa at the same stage of maturity, HarvXtra alfalfa provides

12-20% LESS ACID DETERGENT LIGNIN

giving you the freedom to choose between

14-18% HIGHER NDFD BY MAINTAINING A NORMAL HARVEST SCHEDULE or **20% HIGHER YIELD POTENTIAL WITH DELAYED HARVEST²**

¹ 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.

² Can provide more than 20 per cent higher yield potential over the life of the stand with delayed harvest.

<p>FORAGE QUALITY ADVANTAGE</p> <ul style="list-style-type: none"> Maintain current harvest schedules to obtain higher forage quality potential. Provide feed that is 14 to 18 per cent higher in NDFD or RFQ. For the dairy or livestock producer: increased forage digestibility may support increased dry matter intake and promote more milk production or weight gain. 	<p>HARVEST FLEXIBILITY</p> <ul style="list-style-type: none"> Increased flexibility in harvest timing to avoid weather delays and equipment breakdowns. Maximize the growing season and value potential of each harvest to help meet farm goals. Potential for increased yield with more consistent forage quality across cuttings with delayed harvest. 	<p>DELAYED HARVEST</p> <ul style="list-style-type: none"> Reduce harvest frequency and possibly eliminate a cutting each year. Can provide more than 20 per cent higher yield potential over the life of the stand. Cutting at greater than 30-day intervals is less stressful on stands and may provide additional plant health and stand persistence.
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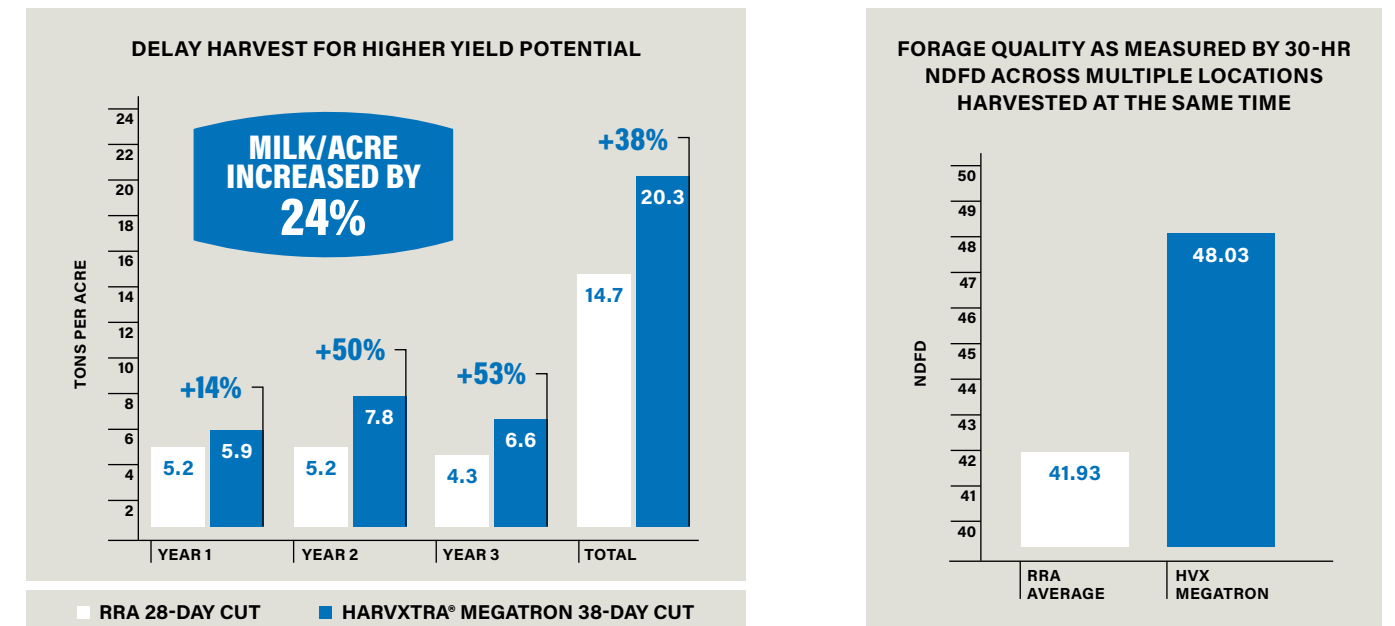
Use Limitations for HarvXtra[®] Alfalfa with Roundup Ready[®] Technology. HarvXtra[®] Alfalfa with Roundup Ready[®] Technology hay or hay products must be directed only to Canadian or U.S. domestic uses. It is a violation of national and international law to move material containing biotech traits across 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 plated only in the provinces of Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island and Newfoundland. Please contact Forage Genetics International at 855-237-9897 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, an 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, Monsanto Canada, Inc., used under license by Forage Genetics International, LLC. HarvXtra[®] is a registered trademark of Forage Genetics Internal, LLC.

BENEFITS OF CROPLAN HARVXTRA ALFALFA

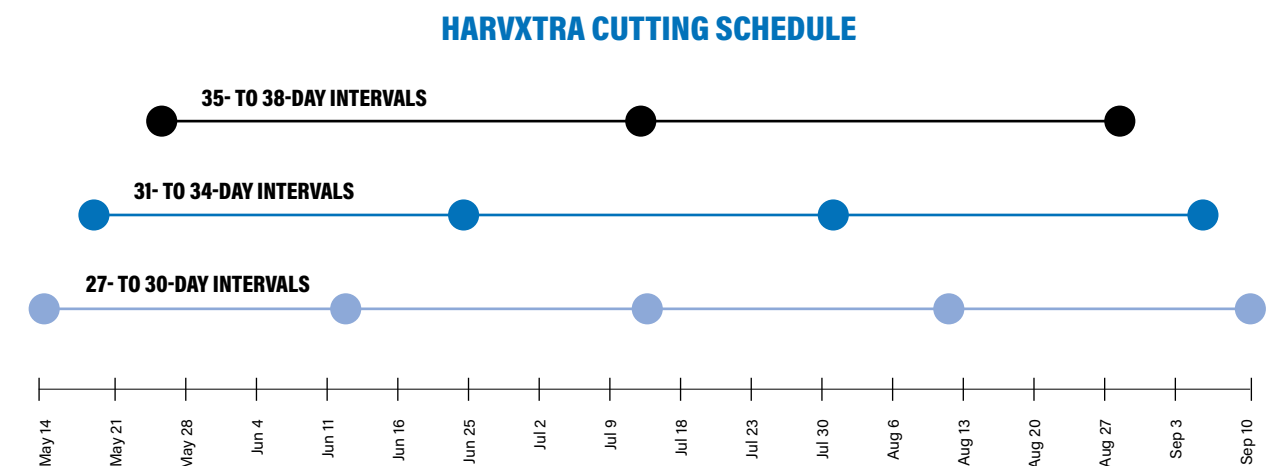
A flexible cutting window helps you meet your operational goals, leading to increased ROI potential. The option to delay harvest 7 to 10 days lets you choose between higher quality potential or higher yield potential.



Source: Fall seeded at West Salem, Wis. FGI 3-year trial, 2018-2020. 2017 Seeding.

HARVEST FLEXIBILITY HAS NEVER BEEN EASIER

With unpredictable weather patterns, you need the ability to alter your cutting plans quickly. HarvXtra alfalfa lets you maximize your growing season by providing the flexibility to space out cutting so that each harvest optimizes ROI and yield potential.



1. Alfalfa and Red Clover Stand Establishment Forage Management Day at Feldun-Purdue Agricultural Center, August 9, 2018. Seeding Date: May 2, 2018. Varieties: Magnum 7 for alfalfa and Durango for red clover, uncoated alfalfa seed, coated alfalfa seed, 2/3 rate uncoated, 2/3 rate coated, 4 reps with plots 2.5 by 20 feet. Counted on June 29, 2018.

2. Data from FGI trials in West Salem, Wis., 2018. 3. Data from FGI trials comparing HarvXtra[®] Alfalfa with Roundup Ready[®] Technology 2017 FD4 commercial varieties to FD4 commercial checks. Trials were seeded in 2013 and harvested in 2014, 2015 and 2016 in Boone, Iowa; Mt. Joy, Pa.; Nampa, Idaho; Touchet, Wash.; and West Salem, Wis. Yield increase is directly correlated to the ability to delay harvest. 4. Data from an FGI trial in West Salem, Wis., comparing three cuttings at 35-day intervals to four cuttings at 28-day intervals, with the three-cut system yielding 26% more over the life of the stand. Trials were seeded in 2013 and harvested in 2014, 2015 and 2016. Yield increase is directly correlated to the ability to delay harvest.





FAST REGROWTH, HIGH YIELD POTENTIAL

CROPLAN **HVX MEGATRON** WEST EAST
 Fall Dormancy: 4.2
 Winterhardness: 1.7



Characteristics	Fair	Excellent
Yield	4	5
Persistence Index	4	5
Feed Quality	4	5
Grazing Tolerance	4	5
Baled Hay (Drydown)	4	5
Haylage (Regrowth)	4	5

- Excellent yield and forage quality potential with the HarvXtra® alfalfa trait.
- H2 feed quality rating; exceptional soil disease resistance to help improve root and plant health.
- Highest resistance (HR+) rating to multi-race aphanomyces root rot disease (Races 1, 2 and EMR); resistant (R) to multi-race anthracnose (including new Race 5).
- Excellent quality and yield potential with a 3- to 5-cut flexible harvest system based on geography.
- Seed coating provides improved early season plant health.

HIGH-QUALITY, BALED HAY

CROPLAN **LEGENDAIRY AA** WEST EAST
 Fall Dormancy: 3.4
 Winterhardness: 1.1

Characteristics	Fair	Excellent
Yield	4	5
Persistence Index	4	5
Feed Quality	4	5
Grazing Tolerance	4	5
Baled Hay (Drydown)	4	5
Haylage (Regrowth)	4	5

- The latest generation of Legendairy with the AA disease resistance package bringing yield potential to new levels.
- Highest resistance (HR+) rating to multi-race aphanomyces and anthracnose disease (including Race 5).
- Excellent choice for producers in northern growing regions east to west with second to none winterhardness; ideal for baled hay or haylage harvest system.
- Great choice for producers who prefer mixed alfalfa-grass stands.
- Seed coating provides improved early season plant health.

HIGH PERFORMANCE, HIGH YIELD

STAFF PICK
CROPLAN **REBOUND AA** WEST EAST
 Fall Dormancy: 4.4
 Winterhardness: 1.7

Characteristics	Fair	Excellent
Yield	4	5
Persistence Index	4	5
Feed Quality	4	5
Grazing Tolerance	4	5
Baled Hay (Drydown)	4	5
Haylage (Regrowth)	4	5

- Packs a punch with the new AA disease resistance package, providing exceptional yield potential.
- Highest resistance (HR+) rating to multi-race aphanomyces and anthracnose disease (including Race 5).
- Growth starts very early in the spring; rapid regrowth after each cutting with superior stand persistence.
- Best suited for 4- to 5-cut haylage or aggressive hay management systems.
- Seed coating provides improved early season plant health.

HARVXTRA WITH ROUNDUP READY TECHNOLOGY

	Fall Dormancy 1	Winterhardness 2	Yield Index 3	Persistence Index 3	Feed Quality Index 3	Grazing Tolerance 3	Baled Hay (Drydown) 4	Haylage (Regrowth) 2	Phytophthora Root Rot 1	Aphanomyces Race 1	Aphanomyces Race 2	Aphanomyces Enhanced Multi-Race	Bacterial Wilt	Anthracnose	Fusarium Wilt	Verticillium Wilt	Spotted Alfalfa Aphid	Pea Aphid	Salt Germination Tolerance 4	
HVX MEGATRON	4.2	1.7	1	1	H2	4	2	1	HR	HR+	HR+	HR+	HR	HR+	HR	HR	HR	R	R	G

CONVENTIONAL ALFALFA

	Fall Dormancy 1	Winterhardness 2	Yield Index 3	Persistence Index 3	Feed Quality Index 3	Grazing Tolerance 3	Baled Hay (Drydown) 4	Haylage (Regrowth) 2	Phytophthora Root Rot 1	Aphanomyces Race 1	Aphanomyces Race 2	Aphanomyces Enhanced Multi-Race	Bacterial Wilt	Anthracnose	Fusarium Wilt	Verticillium Wilt	Spotted Alfalfa Aphid	Pea Aphid	Salt Germination Tolerance 4	
LEGENDAIRY AA	3.4	1.1	1	1	1	3	1	1	HR	HR+	HR+	HR+	HR	HR+	HR	HR	HR	R	HR	G
REBOUND AA	4.4	1.7	1	1	2	4	2	1	HR	HR+	HR+	HR+	HR	HR+	HR	HR	HR	R	R	G

KEY

Scale
 1 = Excellent
 2 = Above average
 3 = Average
 4 = Below average
 5 = Fair

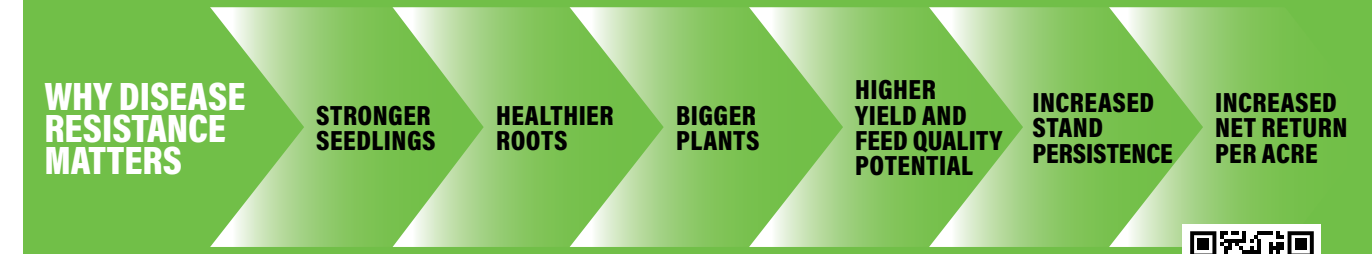
Resistance Ratings
 S = Susceptible (0-5%)
 LR = Low resistance (6-14%)
 MR = Moderate resistance (15-30%)
 R = Resistance (31-51%)
 HR = High resistance (>50%)
 HR+ = Highest resistance available on the market (>50%)

- 1 Fall Dormancy**
 A higher FD number = higher yield potential
 More dormant = better forage quality
- 2 Winterhardness**
 A lower WH number = more cold tolerance and stand persistence
- 3 Feed Quality Index**
 Feed quality ratings for HarvXtra® are represented on a separate scale than Roundup Ready® and conventional alfalfa varieties and are signified with an "H." Because there is a significant improvement in forage quality, HarvXtra alfalfa products can only be compared to other HarvXtra alfalfa products.
- 4 Salt Germination Tolerance**
 G = Variety tolerance for germination under high saline conditions in petri dish tests
 F = Variety tolerance for forage growth under high saline conditions as a potted plant in the greenhouse

Note: Field tests are currently being used to select and validate true salt-tolerant varieties. Many soils that are high in salinity also have other problematic conditions. Therefore, germination and forage salt-tolerant ratings may not predict field performance.

COVERING YOUR AA

CROPLAN AA varieties have superior levels of resistance to multiple races of anthracnose and aphanomyces root rot.



CROPLAN AA Alfalfa Lineup
 Use smartphone camera to scan code



CANOLA



WinField United Canada has high performance CROPLAN canola hybrids for Western Canada. We have selected for excellent clubroot and blackleg protection, all with field-proven high-yield potential. Couple this with great weed control offered by TruFlex® and LibertyLink® systems and new hybrids verified for straight cutting, and you have products that farmers can be confident in.

YOUR CHOICE FOR SUCCESS

CROPLAN canola offers the power to choose the perfect blend of traits and genetics for your area and operation. Selecting more than one canola hybrid to plant is a strong risk management strategy. When you choose more than one hybrid with differing maturities, you decrease your exposure to environmental risk factors and reduce the potential of having all your acres ready to harvest at the same time.

CP24L3C: TAKING CLUBROOT AND POD SHATTER RESISTANCE TO NEW HEIGHTS



Featuring
Martin Carr,
Agronomy Manager

In an era where every bushel counts, WinField United Canada offers CROPLAN canola products that deliver high-yield and exceptional functional benefits. This drive for innovation delivers products like CP24L3C, a LibertyLink® tolerant hybrid with an improved pod integrity rating and new clubroot resistance package.

Advanced Clubroot Resistance

CP24L3C features a second-generation clubroot package, representing one of the most robust clubroot offerings on the market. It provides farmers with enhanced protection against this persistent pathogen.

"Clubroot can overcome existing resistance options through natural selection over time," explains Martin Carr, Agronomy Manager with WinField United Canada. "Without rotating and using products that have better clubroot packages with expanded resistance genes, you're not going to stop clubroot pathogens."

Superior Pod Integrity = Excellent Straight Cutting

With a rating of seven on the Canola Council of Canada's pod shatter scale, CP24L3C provides advanced pod integrity, allowing farmers the flexibility to confidently straight cut or swath.

Carr underscores pod shatter resistance's critical role in maximizing yield and minimizing volunteer canola introduction into fields.

"At the end of the day, we want more canola in the combine hopper. If the pods are breaking open before that combine gets there, yield is getting lost. That's a huge problem. You've lost money and you've now added volunteer canola into that field."

Tools in the Weed Resistance Management Toolbox

LibertyLink canola is a key player in weed resistance management. Diversifying herbicide options and introducing alternative modes of action helps prevent weed resistance and extend herbicide effectiveness.

"Offering a range of quality CROPLAN products provides farmers with the choice and flexibility essential for managing weed resistance effectively," says Carr.

Wide Application and Performance

Fitting well in any mid-season canola acre, in addition to superior pod integrity and an advanced clubroot resistance package, CP24L3C offers standability, yield and blackleg resistance. This makes it a top choice for farmers looking for both functional benefits and reliable performance.

CP24L3C is equipped to empower farmers to protect their canola investments and deliver exceptional performance. Order yours from your local WinField United independent retailer today!

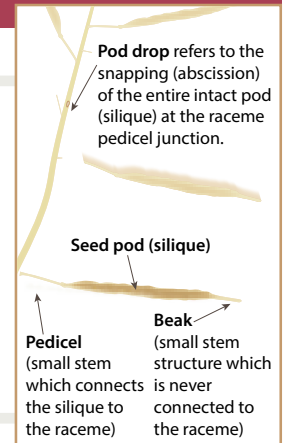
WHAT IS POD DROP AND POD SHATTER?

Canola growers must understand the extent and causes of both pod drop and pod shatter to make informed decisions regarding variety selection, timing of harvest, and management practices. WinField United is proud to test for both pod drop and pod shatter in our hybrid assessments. This knowledge can help minimize yield losses and maximize crop productivity.

POD DROP

Pod drop is when the whole pod, containing the seeds, falls off the plant before it's supposed to, meaning you lose both seeds and yield. Pod drop can be caused by:

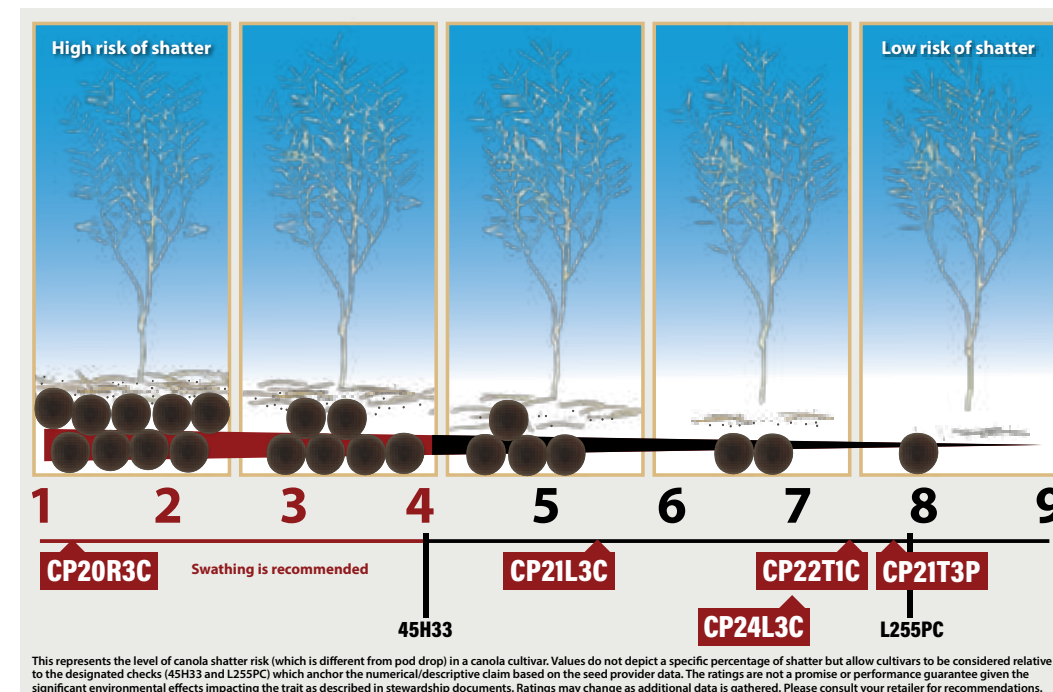
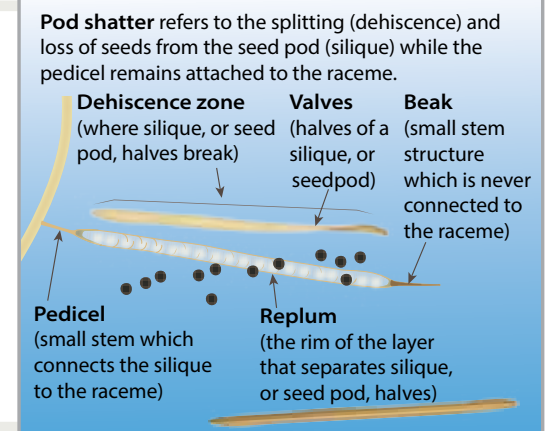
- ✿ Environmental conditions
- ✿ Plant health
- ✿ Poor pod retention qualities



POD SHATTER

Pod shatter is when the mature pods split or break open while still attached to the plant. When this happens, the seeds within the pods scatter and get lost, leading to a lower yield. This can be influenced by:

- ✿ Genetic background
- ✿ Heavy rain
- ✿ Strong winds
- ✿ Snow or frost



CHECK IT OUT

Over the last three years, CP21T3P has consistently provided one of the best shatter scores in the canola market today!

TruFlex[®] CANOLA

CROPLAN CP22T1C Canola



Characteristics	Fair	Excellent
Yield	■	■
Clubroot Resistance	■	■
Blackleg Resistance	■	■
Standability	■	■
Straight Cutting	■	■

- Everything you want in a canola hybrid! Early maturing, advanced clubroot resistance, plus suited for straight cut.
- Combination of classic and newer clubroot resistance provides increased protection against clubroot race shift.
- Early maturing TruFlex[®] hybrid designed to perform best in the mid-short season zone.
- Strong yield with excellent stress tolerance.

CROPLAN CP21T3P Canola



Characteristics	Fair	Excellent
Yield	■	■
Clubroot Resistance	■	■
Blackleg Resistance	■	■
Standability	■	■
Straight Cutting	■	■

- Industry leading option for straight cutting or late swathing in the glyphosate tolerant system.
- TruFlex[®] canola for improved control of tough weeds plus extended window of application.
- Excellent yield potential and impressive vigour even on cool soils.
- Enhanced multigenic blackleg resistance.

LIBERTY LINK[®]

NEW CROPLAN CP24L3C Canola



Characteristics	Fair	Excellent
Yield	■	■
Clubroot Resistance	■	■
Blackleg Resistance	■	■
Standability	■	■
Straight Cutting	■	■

- LibertyLink[®] hybrid with a strong pod shatter score. Rating of 7 on CCC scale.
- NEW source of clubroot protection: original pathotypes, PLUS 3A, 3D, 5X, 2B, 8E, 11A and 9E.
- Mid-maturity hybrid with strong yield potential on any acre.
- The next step in the CROPLAN LibertyLink lineup!

CROPLAN CP21L3C Canola



Characteristics	Fair	Excellent
Yield	■	■
Clubroot Resistance	■	■
Blackleg Resistance	■	■
Standability	■	■
Straight Cutting	■	■

- LibertyLink canola hybrid designed for application of Justice[™] glufosinate + Antler[®] brand herbicides.
- Excellent disease package with R rating to blackleg and clubroot.
- Clubroot resistance to pathotypes 2F, 3H, 5I, 6M and 8N.
- Mid maturity hybrid with strong yield potential and very good lodging score.

TRUFLEX [®] CANOLA	Type	Maturity	Height	Resistance Rating	Resistance Rating	Major Gene ID	Resistance Rating		Resistant to Pathotypes	Vigour	Standability	Pod Shatter	
							Blackleg	Clubroot					
CP22T1C	HYBRID	E	S	R	3	-	-	R	1	2B, 2F, 3A, 3D, 3H, 3O, 5C, 5G, 5I, 5K, 5L, 6M, 8E, 8J, 8N, 5X	1	1	7.4
CP21T3P	HYBRID	M	M	R	1	AG	LepR3, RlmS	S	NG	-	1	2	7.8

LIBERTY LINK [®] CANOLA	Type	Maturity	Height	Resistance Rating	Resistance Rating	Major Gene ID	Resistance Rating		Resistant to Pathotypes	Vigour	Standability	Pod Shatter	
							Blackleg	Clubroot					
CP24L3C NEW	HYBRID	M	M-T	R	2	-	-	R	1	2F, 3H, 5I, 6M, 8N, 3A, 3D, 5X, 2B, 8E, 11A, 9E	1	1	7
CP21L3C	HYBRID	M	M-T	R	2	-	-	R	2	2F, 3H, 5I, 5L, 6M, 8N	1	1	5.4

Crimson[®] NG



Glyphosate and glufosinate can be antagonized by hard water. For best results, add Crimson[®] NG water conditioner.

UNDERSTANDING THE CROPLAN CANOLA HYBRID NAMING SYSTEM

EXAMPLE CP22T1C

- CP** The brand prefix for CROPLAN.
- 22** The year the hybrid was first introduced. Allows you to quickly identify how long the hybrid has been in market.
- T** The herbicide/trait system. (T = TruFlex[®] Canola | L = LibertyLink[®])
- 1** Maturity rating (1 = Early | 3 = Mid | 5 = Long)
- C** Specific agronomic characteristics the hybrid represents. The hybrid may have several agronomic traits, however this letter highlights the key attribute. (C = Clubroot Resistant | P = Pod Integrity)

CROPLAN CANOLA TRIAL RESULTS

Use your smartphone camera to scan code

KEY

Scale

- 1 = Excellent
- 2 = Above average
- 3 = Average
- 4 = Below average
- 5 = Fair

Product descriptions and ratings are generated from Answer Plot trials and/or from the genetics supplier and may change as additional data is gathered.

NG = No Gene

1 Maturity

- L = Long
- M = Mid
- E = Early

2 Height

- T = Tall
- M = Medium
- S = Short

3 Blackleg Resistance Rating

- R = Resistant
- MR = Moderately resistant
- MS = Moderately susceptible
- S = Susceptible

4 Clubroot Resistance Rating

- R = Resistant
- I = Intermediate
- S = Susceptible

5 Canola Shatter Rating

Based on 1-9 CCC shatter scale



STAFF PICK

CP24L3C

This new LibertyLink hybrid combines great pod integrity and standability for straight cutting, and is paired with a fantastic next generation clubroot package. CP24L3C showed up strongly in research plots, along with farmer field trials in your back yards.



Martin Carr, Agronomy Manager Western Canada



CANOLA PROTECTION - FROM THE GROUND UP

Helix® Saltro® is the latest iteration in the Helix brand ladder. What makes Helix Saltro unique?

- Just like Helix Vibrance®, it delivers protection against both crucifer and striped flea beetles, rhizoctonia, fusarium and pythium.
- Now, the addition of ADEPIDYN® fungicide found in Helix Saltro provides protection from airborne blackleg.
- Helix Saltro in combination with the genetic blackleg resistance offered in CROPLAN canola hybrids provide a strong blackleg management approach.



FLEA BEETLE AND CUTWORM CONTROL MADE SIMPLE

Flea beetles have become a perennial problem on the prairies and Fortenza® Advanced is here to stop them in their tracks.

- Fortenza contains cyantraniliprole which provides cutworm control.
- Fortenza Advanced contains two active ingredients (cyantraniliprole and sulfoxaflor) which provide enhanced flea beetle protection in addition to cutworm control.
- Fortenza Advanced provides unparalleled protection from hard-to-predict pests like cutworms and flea beetles, for added reassurance.

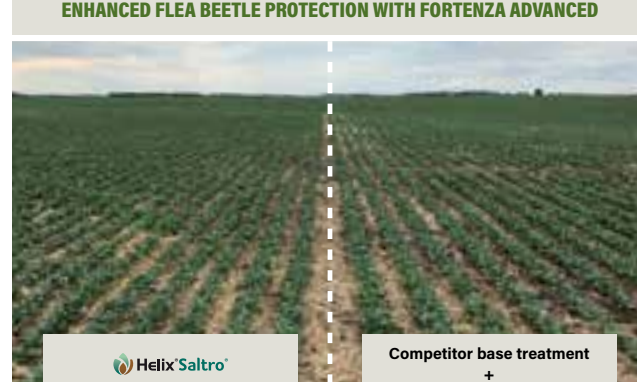
WINFIELD UNITED CANADA IS PROUD TO OFFER HELIX SALTRO FORTENZA ADVANCED AS THE BASE SEED TREATMENT FOR ALL CROPLAN CANOLA HYBRIDS.



Fortenza Advanced + Helix Vibrance

Fortenza Advanced + Helix Saltro

Source: Syngenta research trials. Photos taken August 31, 2019 in Mozart, SK.



ENHANCED FLEA BEETLE PROTECTION WITH FORTENZA ADVANCED

Helix Saltro

Fortenza Advanced

Competitor base treatment + Competitor enhanced flea beetle

CANOLA DISEASE ID

A lodged patch of canola in the late summer or fall can be attributed to many different things. Taking the time to scout the patch may help influence future management decisions. Blackleg, sclerotinia, clubroot and verticillium stripe have similarities in their identification and understanding the unique distinguishing features of each disease will help you confidently identify and manage these pests in the future.



Q SCLEROTINIA

SCOUTING FOR PREVALENCE
Late flowering

WHERE DOES THE DISEASE LIVE?
Sclerotia in soil or stubble

SYMPTOMS
• Bleached stem, with sclerotia evident within
• Lodging



Q VERTICILLIUM

SCOUTING FOR PREVALENCE
Post harvest

WHERE DOES THE DISEASE LIVE?
Microsclerotia in soil or stubble

SYMPTOMS
• Microsclerotia on stem
• Half stem senescence
• Striping of stem tissue



Q BLACKLEG

SCOUTING FOR PREVALENCE
Swath timing

WHERE DOES THE DISEASE LIVE?
Stubble born fungi

SYMPTOMS
• Basal stem constrictions
• Lodging

FLEA BEETLE & CUTWORM CONTROL MADE SIMPLE.

Always read and follow label directions. Fortenza Advanced is an on-seed application of Fortenza Seed Treatment Insecticide and Rescudo® Seed Treatment Insecticide. Fortenza®, Rescudo®, and the Syngenta logo are trademarks of a Syngenta Group Company. © 2024 Syngenta.



WHAT IS ANSWER PLOT®?

Answer Plot is a field trial initiative focused on testing new products and agronomic practices. It delivers insights and in-field training to sales agronomists, keeping them at the fore-front of agricultural advancements.

What does Answer Plot do?

- Evaluates new seed deployments against competitive checks.
- Tests tank-mix combinations to advance performance outcomes.
- Establishes training protocols to empower agronomists with foundational knowledge and equip them with the tools to support farmers effectively.



Answer Plot
By WINFIELD UNITED

ADVERTISEMENT

DAY **27**
OF **106**

You just can't rely on Mother Nature's cooperation.

Since you'll only get one shot at this, better go with a powerful option. Choose TruFlex® canola for the ability to spray later weed staging at the rate you need.

TruFlex
CANOLA

SUPERIOR WEED CONTROL FOR HIGHER YIELD POTENTIAL

traits.bayer.ca



Always read and follow insect resistance management requirements (where applicable), grain marketing and all other stewardship practices and pesticide label directions. Scan the QR code or visit traits.bayer.ca/en/product-legal to review important stewardship and product information including regulatory status, grain marketing requirements, herbicide and insect tolerance, pesticide use and product trial results.

Roundup Ready® and TruFlex® are trademarks of Bayer Group. Used under license. ©2024 Bayer Group. All rights reserved.



RECOMMENDED PRODUCT:



FEATURES: _____

PARTNERS (SEED OR CP): _____

RECOMMENDED PRODUCT:



FEATURES: _____

PARTNERS (SEED OR CP): _____

NOTES: _____



WinField United Canada offers the right tools to make the best agronomic decisions for your corn crop. We use the latest technology to help determine which nutrients and crop protection products make the most sense for your acres and hybrids. Our response-to scores provide analytical data that farmers can use to help find the perfect seed match for their field and conditions.

LEAVE AVERAGE IN THE DUST

CROPLAN seed uses the latest data to recommend which hybrids to choose and where to place them to get optimal bang for your buck.

GET AN EARLY-SEASON EDGE WITH ZINC

CROPLAN is the only seed brand to offer zinc as a standard treatment on all commercial hybrids to promote early-season growth and root development. Applied on-seed, zinc naturally enhances corn seeds by improving early seedling vigour and growth. Zinc seed treatment helps promote quicker emergence — even in cool, wet conditions — to help establish strong, healthy stands.



PACKAGING

SIZE ¹	WEIGHT
CROPLAN Precise Plateless (CPP)	30-33.9
CROPLAN Precise Flats (CPF)	34-43.9
CROPLAN Precise Rounds (CPR)	34-47.9
CROPLAN Precise Flats 2 (CPF2)	44-62
CROPLAN Precise Rounds 2 (CPR2)	48-68

1. Kernel count is 80,000 for all seed sizes.

Please use CPF, CPR, CPF2 or CPR2 for plated planters.

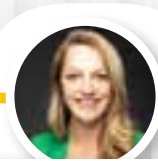
- C-Box = 50 units, except CPF2 and CPR2 seed sizes where C-Box can be 40-45 units.

STAFF PICK

CP3980VT2P

This hybrid is entering its fourth year as a consistent plot winner across Southwestern Ontario!

For more information on this product, visit page 39.



Kaitland VanderSpek,
Market Development
Manager | Ontario

RESPONSE-TO SCORES

Get the right tools to make the best agronomic decisions for your corn crop. We use the latest technology to help determine which nutrients and crop protection products make the most sense for your acres and hybrids.

Our response-to scores offer an analytical evaluation of variables that a farmer can influence. These ratings provide an understanding supported by data and analytics of how each hybrid responds to these key variables: plant population, nitrogen management and fungicide usage.

REGION	HYBRID	RM	RTP	RTN	RTF	
W	E	CP1225VT2P/RIB* NEW	71	Mod	TBD	TBD
W	E	CP1440VT2P/RIB*	76	Mod	Mod	Mod
W	E	CP2123VT2P/RIB*	79	High	Mod	Mod
W	E	CP2180VT2P/RIB*	81	Mod	Mod	Mod
W	E	CP2288VT2P/RIB*	82	High	High	Mod
W	E	CP2315VT2P/RIB*	83	Mod	High	Mod
W	E	CP2324VT2P/RIB* NEW	83	Mod	Mod	Mod
W	E	CP2585VT2P/RIB*	85	Mod	Mod	Mod
W	E	CP2585SS/RIB* NEW	85	Mod	Mod	Low
W	E	CP2790CONV	87	Low	High	High
W	E	CP2790VT2P/RIB*	87	Low	High	High
	E	CP2851VT2P/RIB*	88	Mod	Mod	Mod
	E	CP2965VT2P/RIB*	88	Mod	High	High
	E	CP2972SS/RIB*	89	Mod	High	Mod
	E	CP3166CONV	91	High	Mod	Mod
	E	CP3166VT2P/RIB*	91	High	Mod	Mod
	E	CP3143VT2P/RIB* NEW	91	Low	High	Mod
	E	CP3341SS/RIB*	93	Mod	Mod	Low
	E	CP3330VT2P/RIB* NEW	93	Mod	Low	Low

REGION	HYBRID	RM	RTP	RTN	RTF	
	E	CP3490VT2P/RIB*	94	Mod	Mod	High
	E	CP3575CONV	95	High	High	Mod
	E	CP3575VT2P/RIB*	95	High	High	Mod
	E	CP3575SS/RIB*	95	High	High	Mod
	E	CP3715SSPRO/RIB*	97	Mod	Mod	Mod
	E	CP3720TRE/RIB*	97	Mod	High	Mod
	E	CP3735VT2P/RIB*	97	Mod	High	High
	E	CP3790VT2P/RIB* NEW	97	Low	Mod	High
	E	CP3823SS/RIB*	98	Mod	TBD	TBD
	E	CP3980VT2P/RIB*	99	Mod	Mod	High
	E	CP4188CONV	101	Mod	Mod	Mod
	E	CP4188VT2P/RIB*	101	Mod	Mod	Mod
	E	CP4188SS/RIB*	101	Mod	Mod	Mod
	E	CP4265VT2P/RIB*	102	Mod	Low	Mod
	E	CP4377TRE/RIB* NEW	103	Mod	TBD	TBD
	E	CP4516TRE/RIB*	105	Mod	Mod	High
	E	CP4676SS/RIB*	106	Mod	High	Mod
	E	CP4757VT2P/RIB*	107	Mod	Mod	Mod

*Follow IRM guidelines and refuge configurations to preserve the benefits and insect protection of these technology crops.

W = Western Hybrid | E = Eastern Hybrid | RM = Relative Maturity | RTP = Response-to population | RTN = Response-to nitrogen | RTF = Response-to fungicide

DID YOU KNOW?

Winfield United is proud to offer conventional hybrids between 87-day and 101-day maturity. These genetics are available traited so they are tested with confidence. This gives you the opportunity to take advantage of niche markets or simply to have the flexibility to choose.

Reach out to your CROPLAN partner today.



PLANT POPULATION

RESPONSE-TO POPULATION RANGE:
0.15 TO 20.3 BUSHELS

HYBRID PERFORMANCE AT DIFFERENT POPULATIONS

Response-to population (RTP) is an indicator of the hybrid's response to stress. Root, stalk and ear flex are major factors. The higher you push planting populations, the more stress on the hybrid due to competition for nutrients, moisture, light, etc.

HYBRID POPULATION COMPARISON

Planting each hybrid at the right population is key to optimizing its performance potential. In the example below, note the ear flex and decrease in root size and stalk diameter when the hybrid has a low RTP. With the higher RTP characteristics and more fixed-ear hybrids, the hybrid with a high RTP maintains root diameter at higher plant densities.



LOW RTP HYBRID 24,000 30,000 36,000 42,000



HIGH RTP HYBRID 24,000 30,000 36,000 42,000

HIGH RTP SCORE

- Hybrid shows a potential yield gain with increasing populations
- Can be fixed-ear type hybrid
- Good plant integrity
- Strong pollination, dependable grain fill
- Overall good stress tolerance (nutrients and/or moisture) at high populations

MEDIUM RTP SCORE

- Hybrid is able to achieve high yields at moderately high populations
- Maintains yield at moderately low populations

LOW RTP SCORE

- Flex-ear-type hybrid with acceptable yield potential, even at low populations for a particular area
- Could be driven by low moisture or low nutrient stress tolerance at high populations
- Root and plant size decrease as population increases
- Development of smaller ears to ensure good grain fill
- May not tolerate increased stress at higher populations

NITROGEN MANAGEMENT

MANAGE ACCORDING TO RTN RATING:
26.1 BU/AC AVERAGE YIELD ADVANTAGE

HYBRID PERFORMANCE AT DIFFERENT N RATES

Be sure to consider the response-to nitrogen (RTN) scores of the hybrids you choose. Select hybrids with high RTN scores if you are planning to apply additional or late-season nitrogen, and hybrids with moderate or low scores for limited nitrogen exposure. Perform appropriate tissue testing to determine optimal application timing for nitrogen, which may help minimize the financial and environmental costs of applying too much.

HIGH RTN SCORE

- Respond to aggressive N rates
- Placed in fields with history of manure
- Good fit for a legume rotation

MEDIUM RTN SCORE

- Respond well to high N fertility environments
- Don't require as high of N rates to remain productive
- Tend to be consistent performers in many different N environments

LOW RTN SCORE

- Tolerate stresses of less than optimal N rates better than other hybrids
- Utilize N more efficiently (early flowering, internal physiology, etc.)
- Can find more N from the soil (deep penetrating or large root system)
- Add stability in continuous-corn rotations

HOW TO USE RTN AND RTP

RTN and RTP scores can help you better manage individual fields and maximize productivity. Response-to scores allow us to better select the right product for your farm. Talk to your local CROPLAN distributor or WinField United representative for more information.

$$RTN = \text{Yield from High N} - \text{Yield from Low N}$$



Response ranges and averages show the importance of how hybrids respond to each management practice to help ensure the highest yield potential. 2022 Answer Plot data from 178 locations. Due to factors outside of WinField United's control, such as weather, product application and any other factors, results to be obtained, including but not limited to yields, financial performance or profits, cannot be predicted or guaranteed by WinField United.

STAFF PICK

CP1440VT2P

WEST EAST

1440 has been a consistent performer the last four years. Great yield, quick out of the ground and a tall green plant that will impress anyone in the 76-day maturity zone!

For more information on this product, visit page 36.



Jody Jury,
Market Development
Manager | Manitoba

FUNGICIDE USAGE

MANAGE ACCORDING TO RTF RATING:
19 BU/AC AVERAGE YIELD ADVANTAGE

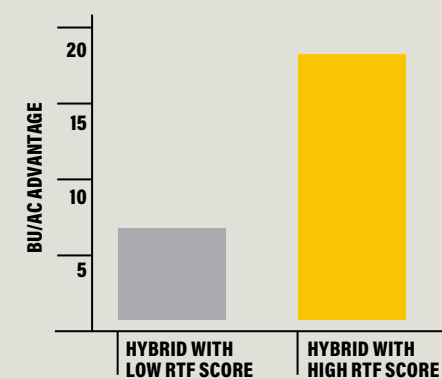
HYBRID PERFORMANCE AND FUNGICIDE APPLICATION

Response-to fungicide (RTF) considers a hybrid's response to fungicides, even in the absence of disease pressure. RTF scores help determine where a fungicide may increase yield potential.

LATE-SEASON FUNGICIDE TREATMENTS

- Under heavy disease pressure, split fungicide applications made during the V5 to V6 stage and around tasseling to R1 have been shown to be effective in preserving yield potential.
- Late-season fungicide treatments can be especially beneficial when applied to hybrids in corn-on-corn rotations.
- Thorough coverage is essential. Use plenty of water and be sure to select the right nozzle. Use InterLock® to minimize drift and choose MasterLock when a NIS is required.

BU/AC ADVANTAGE COMPARED TO UNTREATED CHECK



6.96
BU/AC
ADVANTAGE

18.52
BU/AC
ADVANTAGE

HIGH RTF SCORE

- Potential for high economic gain when a fungicide is used
- Great for productive fields with strong yield potential
- Potential for positive ROI even in the absence of disease

MEDIUM RTF SCORE

- Potential for good economic gain when a fungicide is used
- Place hybrid in productive or moderately productive fields
- Scout fields in season, if disease pressure is high a fungicide may provide a strong ROI

LOW RTF SCORE

- Lower potential for ROI on fungicide applications
- Hybrid maintains yield in lower productive areas where disease pressure is low to moderate
- Always scout in season to evaluate disease pressure regardless of response-to fungicide score



MasterLock
By WINFIELD UNITED

When you invest in a fungicide application, ensure you're maximizing its disease control potential by adding MasterLock® to the tank whenever a non-ionic surfactant is required. MasterLock combines best-in-class drift control and DropTight™ Technology – a next generation surfactant – to help cover more leaf surface area and ensure more product penetrates the canopy. WinField United Answer Plot® data has shown a 5.7 bu/ac average yield increase in corn when MasterLock is added to the fungicide application.

1 Response ranges and averages show the importance of how hybrids respond to each management practice to help ensure the highest yield potential. 2022 Answer Plot data from 178 locations. Due to factors outside of WinField United's control, such as weather, product application and any other factors, results to be obtained, including but not limited to yields, financial performance or profits, cannot be predicted or guaranteed by WinField United.

CROPLAN TRAIT LETTERING FOR CORN HYBRIDS

Descriptive hybrid numbering and trait lettering systems are used for CROPLAN corn hybrids.

HYBRID	KEY	TRAIT
Roundup Ready® Corn 2; RR2	RR	Roundup Ready® Corn 2
VT Double PRO® RIB Complete® Corn Blend	VT2P/RIB	5% RIB, YieldGard VT PRO® Corn Borer Protection, Roundup Ready® 2 Technology
SmartStax® RIB Complete® Corn Blend	SS/RIB	5% RIB, YieldGard VT Rootworm, Herculex® RW, YieldGard VT PRO® Corn Borer and Herculex® Protection, Roundup Ready® 2 Technology and LibertyLink®
SmartStax® PRO with RNAi Technology RIB Complete® Corn Blend	SSPRO/RIB	5% RIB, RNAi Technology, YieldGard VT Rootworm, Herculex® RW, YieldGard VT PRO® Corn Borer and Herculex® Protection, Roundup Ready® 2 Technology and LibertyLink®
Trecepta® RIB Complete® Corn Blend	TRE/RIB	5% RIB, Trecepta® Technology contains Cry1A.105, Cry2Ab2 and Vip3Aa20 from Bt. Roundup Ready® 2 Technology

CROPLAN
By WINFIELD UNITED

Find your match

Meet hybrids in your area

Don't sow just any seed.

Get maximum compatibility with CROPLAN® by WinField United. With dozens of hybrids to choose from, it's a relationship that will flourish all season long.

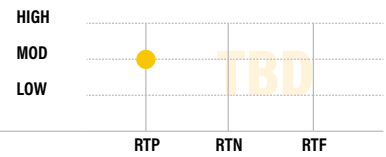
match.com

NEW

CROPLAN **CP1225VT2P/RIB*** WEST EAST
71 Day
2050 CHU



Response-to Scores (bu/ac)



Characteristics grid for CP1225VT2P/RIB* with ratings for Seedling Vigour, Drought Tolerance, Root Strength, Staygreen, Stalk Quality, Drydown, and Test Weight.

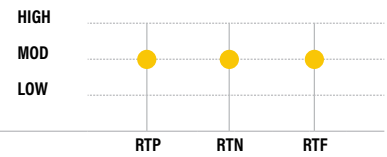
- Impressive performance against later checks.
- Excellent emergence and early season vigour.
- Good test weight, stalks and roots.
- Plant height indicates silage yield potential.

STAFF PICK

CROPLAN **CP1440VT2P/RIB*** WEST EAST
76 Day
2150 CHU



Response-to Scores (bu/ac)



Characteristics grid for CP1440VT2P/RIB* with ratings for Seedling Vigour, Drought Tolerance, Root Strength, Staygreen, Stalk Quality, Drydown, and Test Weight.

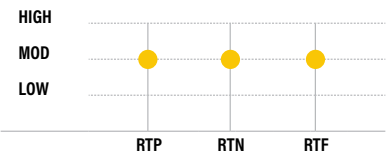
- Very competitive 76-day hybrid.
- Strong roots and very good test weight.
- Good drydown and harvest appearance.
- Very good emergence and seedling vigour.

CROPLAN

CP2180VT2P/RIB* WEST EAST
81 Day
2375 CHU



Response-to Scores (bu/ac)



Characteristics grid for CP2180VT2P/RIB* with ratings for Seedling Vigour, Drought Tolerance, Root Strength, Staygreen, Stalk Quality, Drydown, and Test Weight.

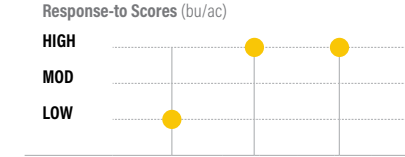
- Position in average to high yield potential acres.
- Solid agronomics with strong defensive characteristics.
- Yield stability at moderate populations.
- Flowers early for RM, keep in relative maturity zone.

CROPLAN

CP2790VT2P/RIB* WEST EAST
87 Day
CONV: 2625 CHU
VT2P: 2650 CHU



CONVENTIONAL Response-to Scores (bu/ac)



Characteristics grid for CP2790VT2P/RIB* with ratings for Seedling Vigour, Drought Tolerance, Root Strength, Staygreen, Stalk Quality, Drydown, and Test Weight.

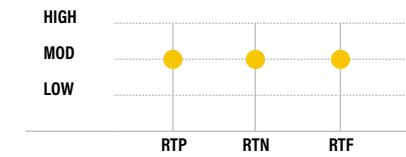
- Excellent seedling vigour for early planting.
- Second to none drought tolerance.
- Strong ear flex and moderate RTN; fit for a broad range of growing conditions.
- Manage for late-season stalks and Goss's Wilt.

CROPLAN

CP2851VT2P/RIB* WEST EAST
88 Day
2675 CHU



Response-to Scores (bu/ac)



Characteristics grid for CP2851VT2P/RIB* with ratings for Seedling Vigour, Drought Tolerance, Root Strength, Staygreen, Stalk Quality, Drydown, and Test Weight.

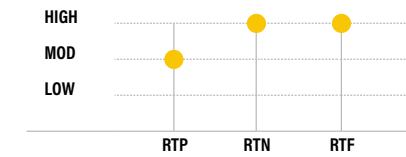
- Racehorse type hybrid with flared husk aids drydown.
- Solid stalks, roots and emergence.
- Semi-determinate ear; keep plant densities moderate to high.
- Keep on rotated acres.

CROPLAN

CP2965VT2P/RIB* WEST EAST
89 Day
2700 CHU



Response-to Scores (bu/ac)



Characteristics grid for CP2965VT2P/RIB* with ratings for Seedling Vigour, Drought Tolerance, Root Strength, Staygreen, Stalk Quality, Drydown, and Test Weight.

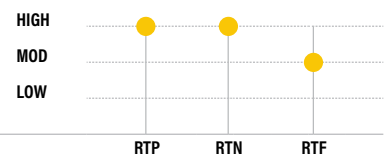
- Consistent hybrid for the last 5 years.
- Excellent early vigour for early planting.
- Moderate RTP and high RTN will drive yield on average to productive soils.
- Excellent staygreen and late season plant health for optimum potential.

CROPLAN

CP2288VT2P/RIB* WEST EAST
82 Day
2450 CHU



Response-to Scores (bu/ac)



Characteristics grid for CP2288VT2P/RIB* with ratings for Seedling Vigour, Drought Tolerance, Root Strength, Staygreen, Stalk Quality, Drydown, and Test Weight.

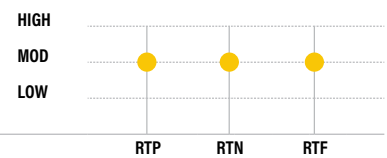
- Excellent yield and stability across all environments and strong stress tolerance.
- Excellent root strength with strong stalks and Goss's Wilt tolerance.
- High response to enhanced nitrogen management.
- Keep in relative maturity zone.

NEW

CROPLAN **CP2324VT2P/RIB*** WEST EAST
83 Day
2500 CHU



Response-to Scores (bu/ac)



Characteristics grid for CP2324VT2P/RIB* with ratings for Seedling Vigour, Drought Tolerance, Root Strength, Staygreen, Stalk Quality, Drydown, and Test Weight.

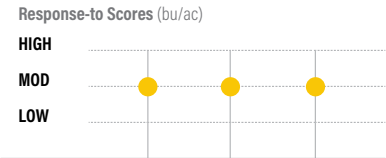
- New key early 80 RM hybrid; works across all yield environments.
- Strong seedling vigour for planting early.
- Better than average plant health and excellent drydown.
- Performs well under low and medium plant density.

CROPLAN

CP2585VT2P/RIB* WEST EAST
85 Day
VT2P: 2625 CHU
SS: 2625 CHU NEW



Response-to Scores (bu/ac)



Characteristics grid for CP2585VT2P/RIB* with ratings for Seedling Vigour, Drought Tolerance, Root Strength, Staygreen, Stalk Quality, Drydown, and Test Weight.

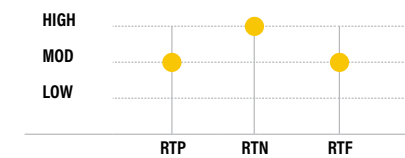
- Ideally placed on productive soils.
- Strong seedling vigour for early planting.
- High response-to nitrogen hybrid that responds well to aggressive nitrogen management.
- Use caution in drought-prone, low productive soils.

CROPLAN

CP2972SS/RIB* WEST EAST
89 Day
2725 CHU



Response-to Scores (bu/ac)



Characteristics grid for CP2972SS/RIB* with ratings for Seedling Vigour, Drought Tolerance, Root Strength, Staygreen, Stalk Quality, Drydown, and Test Weight.

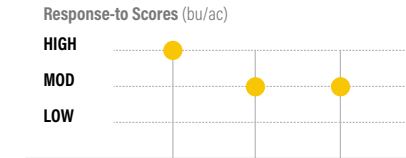
- Early flower for RM.
- Great stalks and roots.
- Good overall foliar disease package.
- High quality grain with high test weight.

CROPLAN

CP3166VT2P/RIB* WEST EAST
91 Day
CONV: 2700 CHU
VT2P: 2750 CHU



CONVENTIONAL Response-to Scores (bu/ac)



Characteristics grid for CP3166VT2P/RIB* with ratings for Seedling Vigour, Drought Tolerance, Root Strength, Staygreen, Stalk Quality, Drydown, and Test Weight.

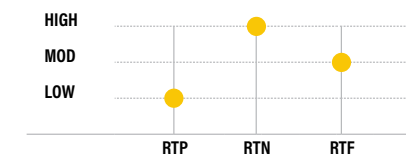
- Well adapted for planting across yield environments and soil types.
- Strong early vigour and very good stress tolerance.
- Good ear flex at low populations and maintains ear size at high populations.
- Acceptable Goss's Wilt tolerance.

NEW

CROPLAN **CP3143VT2P/RIB*** WEST EAST
91 Day
2775 CHU



Response-to Scores (bu/ac)



Characteristics grid for CP3143VT2P/RIB* with ratings for Seedling Vigour, Drought Tolerance, Root Strength, Staygreen, Stalk Quality, Drydown, and Test Weight.

- High-yield potential for productive soils with good stress tolerance for tougher acres.
- Strong early vigour for early planting; strong stalks late into season.
- Good ear flex for planting at reduced populations.
- Excellent grain quality with high test weight.



CROPLAN **CP3341SS/RIB*** WEST EAST

93 Day
2800 CHU

SmartStax
RIB COMPLETE

Response-to Scores (bu/ac)

HIGH			
MOD	●	●	
LOW			●

RTP RTN RTF

Characteristics

Seedling Vigour	Fair	Excellent
Drought Tolerance	●	●
Root Strength	●	●
Staygreen	●	●
Stalk Quality	●	●
Drydown	●	●
Test Weight	●	●

- Nice yield performance with very good drydown.
- Very good drought tolerance with broad adaptability.
- Very good test weight.
- Solid disease package.

NEW **CROPLAN** **CP3330VT2P/RIB*** WEST EAST

93 Day
2800 CHU

VTDoublePRO
RIB COMPLETE

Response-to Scores (bu/ac)

HIGH			
MOD	●		
LOW		●	●

RTP RTN RTF

Characteristics

Seedling Vigour	Fair	Excellent
Drought Tolerance	●	●
Root Strength	●	●
Staygreen	●	●
Stalk Quality	●	●
Drydown	●	●
Test Weight	●	●

- Broadly adapted hybrid with outstanding agronomics and yield.
- Strong emergence, stalks, roots and drought tolerance.
- Low RTN and RTF; flexible and economical to manage.
- Medium to early flower with fast drydown.

CROPLAN **CP3490VT2P/RIB*** WEST EAST

94 Day
2850 CHU

VTDoublePRO
RIB COMPLETE

Response-to Scores (bu/ac)

HIGH			●
MOD	●	●	
LOW			

RTP RTN RTF

Characteristics

Seedling Vigour	Fair	Excellent
Drought Tolerance	●	●
Root Strength	●	●
Staygreen	●	●
Stalk Quality	●	●
Drydown	●	●
Test Weight	●	●

- High-yield potential hybrid with versatility.
- Strong drought tolerance allows placement on drier acres.
- Excellent emergence allows for early-plant option.
- Acceptable drydown.

CROPLAN **CP3735VT2P/RIB*** WEST EAST

97 Day
VT2P: 2900 CHU
SS: 2925 CHU

VTDoublePRO **SmartStax**
RIB COMPLETE

Response-to Scores (bu/ac)

HIGH		●	●
MOD	●		
LOW			

RTP RTN RTF

Characteristics

Seedling Vigour	Fair	Excellent
Drought Tolerance	●	●
Root Strength	●	●
Staygreen	●	●
Stalk Quality	●	●
Drydown	●	●
Test Weight	●	●

- Excellent test weight and emergence with solid defensive traits.
- Versatile hybrid for all yield environments.
- Plant at moderate to high densities; fungicide application is recommended.
- Keep in relative maturity zone.

NEW **CROPLAN** **CP3790VT2P/RIB*** WEST EAST

97 Day
2925 CHU

VTDoublePRO
RIB COMPLETE

Response-to Scores (bu/ac)

HIGH			●
MOD		●	
LOW	●		

RTP RTN RTF

Characteristics

Seedling Vigour	Fair	Excellent
Drought Tolerance	●	●
Root Strength	●	●
Staygreen	●	●
Stalk Quality	●	●
Drydown	●	●
Test Weight	●	●

- Tall VT2P hybrid; outstanding yield potential.
- Strong agronomics across the board.
- High RTF; good candidate for fungicide application.
- Take advantage of terrific ear flex, plant at low to medium plant populations.

CROPLAN **CP3823SS/RIB*** WEST EAST

98 Day
2925 CHU

SmartStax
RIB COMPLETE

Response-to Scores (bu/ac)

HIGH			
MOD	●		
LOW			

RTP RTN RTF

Characteristics

Seedling Vigour	Fair	Excellent
Drought Tolerance	●	●
Root Strength	●	●
Staygreen	●	●
Stalk Quality	●	●
Drydown	●	●
Test Weight	●	●

- Excellent grain quality.
- Above average stalk quality.
- Excellent agronomics for Eastern Canada.
- Girthy ear and semi-flex for moderate populations.

CROPLAN **CP3575SS/RIB*** WEST EAST

95 Day
CONV: 2800 CHU
VT2P: 2825 CHU
SS: 2850 CHU

CONVENTIONAL **VTDoublePRO** **SmartStax**
RIB COMPLETE

Response-to Scores (bu/ac)

HIGH	●	●	
MOD			●
LOW			

RTP RTN RTF

Characteristics

Seedling Vigour	Fair	Excellent
Drought Tolerance	●	●
Root Strength	●	●
Staygreen	●	●
Stalk Quality	●	●
Drydown	●	●
Test Weight	●	●

- Excels in moderate to high yield environments and moves across all soil types.
- Strong stalk quality and root strength.
- Has good ear flex for low plant densities, but will respond to higher management.
- Excellent test weight, medium flower date.

CROPLAN **CP3715SSPRO/RIB*** WEST EAST

97 Day
2950 CHU

SmartStax PRO
RIB COMPLETE

Response-to Scores (bu/ac)

HIGH			
MOD	●	●	●
LOW			

RTP RTN RTF

Characteristics

Seedling Vigour	Fair	Excellent
Drought Tolerance	●	●
Root Strength	●	●
Staygreen	●	●
Stalk Quality	●	●
Drydown	●	●
Test Weight	●	●

- Versatile SmartStax® PRO hybrid for known corn root worm (CRW) acres.
- Strong stress tolerance and solid agronomics.
- Good ear flex with good drought stress for medium plant populations.
- Good emergence and early season vigour for cool planting conditions.

CROPLAN **CP3720TRE/RIB*** WEST EAST

97 Day
2900 CHU

Trecepta
RIB COMPLETE

Response-to Scores (bu/ac)

HIGH		●	
MOD	●		●
LOW			

RTP RTN RTF

Characteristics

Seedling Vigour	Fair	Excellent
Drought Tolerance	●	●
Root Strength	●	●
Staygreen	●	●
Stalk Quality	●	●
Drydown	●	●
Test Weight	●	●

- Early flower with good drydown.
- Semi-flex ear that allows lower densities; but responds when pushed in populations.
- Good stalks and roots.
- Trecepta® trait for added western bean cutworm control.

STAFF PICK **CROPLAN** **CP3980VT2P/RIB*** WEST EAST

99 Day
2950 CHU

VTDoublePRO
RIB COMPLETE

Response-to Scores (bu/ac)

HIGH			●
MOD	●	●	
LOW			

RTP RTN RTF

Characteristics

Seedling Vigour	Fair	Excellent
Drought Tolerance	●	●
Root Strength	●	●
Staygreen	●	●
Stalk Quality	●	●
Drydown	●	●
Test Weight	●	●

- High-yield potential hybrid that works across many acres.
- Moderate management allows for versatile placement.
- Acceptable stalks; can benefit from a fungicide application.
- Use caution when applying growth regulator chemistries.

CROPLAN **CP4188SS/RIB*** WEST EAST

101 Day
CONV: 2950 CHU
VT2P: 3000 CHU
SS: 3025 CHU

CONVENTIONAL **VTDoublePRO** **SmartStax**
RIB COMPLETE

Response-to Scores (bu/ac)

HIGH			
MOD	●	●	●
LOW			

RTP RTN RTF

Characteristics

Seedling Vigour	Fair	Excellent
Drought Tolerance	●	●
Root Strength	●	●
Staygreen	●	●
Stalk Quality	●	●
Drydown	●	●
Test Weight	●	●

- Attractive plant type with solid agronomic package.
- Semi-flex ear that allows lower densities; but responds when pushed in populations.
- Handles tough, variable and ideal yield environments.

NEW **CROPLAN** **CP4377TRE/RIB*** WEST EAST

103 Day
3100 CHU

Trecepta
RIB COMPLETE

Response-to Scores (bu/ac)

HIGH			
MOD	●		
LOW			

RTP RTN RTF

Characteristics

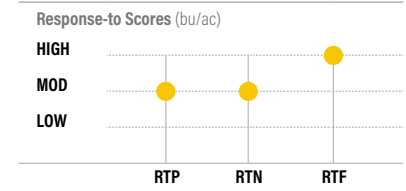
Seedling Vigour	Fair	Excellent
Drought Tolerance	●	●
Root Strength	●	●
Staygreen	●	●
Stalk Quality	●	●
Drydown	●	●
Test Weight	●	●

- Very strong roots and stalks.
- Very good emergence and early season vigour.
- Strong heat and drought stress tolerance.
- Consistent performance across all soil types.



CROPLAN CP4516TRE/RIB* WEST EAST
105 Day
3150 CHU

Trecepta
RIB COMPLETE CORN



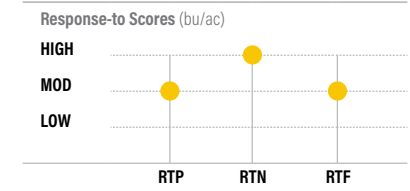
Characteristics

	Fair	Excellent
Seedling Vigour	Yes	Yes
Drought Tolerance	Yes	Yes
Root Strength	Yes	Yes
Staygreen	Yes	Yes
Stalk Quality	Yes	Yes
Drydown	Yes	Yes
Test Weight	Yes	Yes

- Hybrid that will find best performance on medium to highly productive acres.
- Strong roots and test weight.
- High response to intensive management; can also handle average acres.
- Rapid drydown with good late season plant health.

CROPLAN CP4676SS/RIB* WEST EAST
106 Day
3175 CHU

SmartStax
RIB COMPLETE CORN



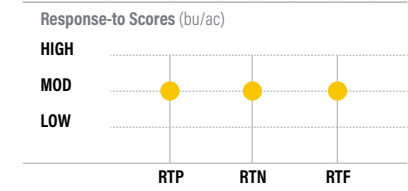
Characteristics

	Fair	Excellent
Seedling Vigour	Yes	Yes
Drought Tolerance	Yes	Yes
Root Strength	Yes	Yes
Staygreen	Yes	Yes
Stalk Quality	Yes	Yes
Drydown	Yes	Yes
Test Weight	Yes	Yes

- Versatile hybrid, position and manage for high yield.
- Medium height hybrid with excellent emergence, seedling vigour and test weight.
- Position at medium populations and manage nitrogen for high yield potential.
- Fungicide application recommended in gray leaf spot (GLS) prone areas.

CROPLAN CP4757VT2P/RIB* WEST EAST
107 Day
3200 CHU

VT DoublePRO
RIB COMPLETE CORN



Characteristics

	Fair	Excellent
Seedling Vigour	Yes	Yes
Drought Tolerance	Yes	Yes
Root Strength	Yes	Yes
Staygreen	Yes	Yes
Stalk Quality	Yes	Yes
Drydown	Yes	Yes
Test Weight	Yes	Yes

- Best performance potential on medium to highly productive acres.
- Strong roots and test weight with high yield potential.
- Moderate response-to nitrogen and fungicide offers great flexibility.
- Best-suited for rotated acres.

DEFEND WITHOUT COMPROMISE

Trecepta® combines the power of three different modes of action or broad-spectrum control of above-ground feeding pests, including Western Bean Cutworm.

Trecepta
RIB COMPLETE CORN

Always read and follow insect resistance management requirements (where applicable), grain marketing and all other stewardship practices and pesticide label directions. Scan the QR code or visit traits.bayer.ca/en/product-legal to review important stewardship and product information including regulatory status, grain marketing requirements, herbicide and insect tolerance, pesticide use and product trial results.

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KEY

Hybrids Best Location
WEST = Western hybrid
EAST = Eastern hybrid

Response-to Score
RTP = Response-to population
RTN = Response-to nitrogen
RTF = Response-to fungicide

Product descriptions and ratings are generated from Answer Plot trials and/or from the genetics supplier and may change as additional data is gathered.

These ratings reflect trends observed in research trials that change with variations in rainfall, temperature, crop production patterns and other factors. Ratings on new hybrids are based on limited data and may change as more data is collected.

*Follow IRM guidelines and refuge configurations to preserve the benefits and insect protection of these technology crops.

CROPLAN CORN TRIAL RESULTS

Use your smartphone camera to scan code

LOCKED ON TARGET

Strike weeds and disease with improved accuracy and effectiveness. **LockTech™** adjuvants feature best-in-class drift control and the optional added benefits of a non-ionic surfactant or methylated seed oil.

NEW!

StrikeLock™
By WINFIELD UNITED
MSO for advanced leaf penetration plus drift control.

MasterLock®
By WINFIELD UNITED
NIS for improved spray adhesion and coverage plus drift control.

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Use smartphone camera to scan code

Available exclusively from your local independent retailer.

WINFIELD UNITED



Region	BRAND	Relative Maturity	CHU	Response-to Population [RTP]	Response-to Nitrogen [RTN]	Response-to Fungicide [RTF]	Plant Height	Ear Height	Ear Height	Cob Colour	Ear Flex	Flower Date	Kernel Rows	Seeding Vigour	Stalk Quality	Root Strength	Staygreen	Drought Tolerance	Drydown	Test Weight	Gray Leaf Spot	Common Rust	NCLB	Goss's Wilt	Anthracnose Stalk Rot	
W	E	CP1225VT2P/RIB*	NEW	71	2050	M	TBD	TBD	M-T	M-H	RED	SF	E	16-18	1	2	3	3	2	3	1	3	3	2	3	N/A
W	E	CP1440VT2P/RIB*		76	2150	M	M	M	M	M	RED	FX	M-E	16-18	2	2	1	2	1	2	2	3	2	N/A	2	3
W	E	CP2123VT2P/RIB*		79	2300	H	M	M	M-T	M-L	RED	FL	E	14-18	1	1	1	3	1	3	2	N/A	3	3	4	4
W	E	CP2180VT2P/RIB*		81	2375	M	M	M	M	M	RED	SF	M-E	18-20	2	2	2	3	2	3	3	N/A	2	N/A	3	3
W	E	CP2288VT2P/RIB*		82	2450	H	H	M	M	M	RED	SF	M	16-18	2	2	1	2	2	2	1	N/A	2	N/A	2	3
W	E	CP2315VT2P/RIB*		83	2500	M	H	M	M-T	M	RED	SF	E	18-20	2	3	2	3	2	2	3	3	3	2	3	3
W	E	CP2324VT2P/RIB*	NEW	83	2500	M	M	M	M	M	PINK	SF	M	16-18	2	2	2	3	2	2	4	4	3	2	2	2
W	E	CP2585VT2P/RIB*		85	2625	M	M	M	M	M	RED	SF	M	16-18	2	3	3	3	3	3	3	3	3	2	3	3
W	E	CP2585SS/RIB*	NEW	85	2625	M	M	L	M	M	RED	SF	M	16-18	2	3	3	3	3	3	3	4	3	2	3	2
W	E	CP2790CONV		87	2625	L	H	H	M	M	RED	SF	E	16-18	1	3	2	3	2	1	2	3	2	N/A	4	3
W	E	CP2790VT2P/RIB*		87	2650	L	H	H	M	M	RED	SF	E	16-18	1	3	2	3	2	1	2	3	2	N/A	4	3
E		CP2851VT2P/RIB*		88	2675	M	M	M	M	M	RED	SF	M	16-18	3	2	2	3	2	3	2	3	3	N/A	3	3
E		CP2965VT2P/RIB*		89	2700	M	H	H	M	M	RED	SF	M	14-16	1	1	2	3	2	2	2	3	3	N/A	3	2
E		CP2972SS/RIB*		89	2725	M	H	M	M-T	M-H	RED	SF	M-E	16-18	2	2	2	3	3	2	1	3	2	N/A	2	2
E		CP3166CONV		91	2700	H	M	M	M	M	RED	SF	E	16-18	2	3	3	3	2	2	3	3	3	N/A	3	2
E		CP3166VT2P/RIB*		91	2750	H	M	M	M	M	RED	SF	E	16-18	2	3	3	3	1	2	3	3	3	N/A	3	2
E		CP3143VT2P/RIB*	NEW	91	2775	L	H	M	M-T	M-H	RED	SF	M-L	18-20	2	2	2	2	3	2	2	4	3	2	3	3
E		CP3341SS/RIB*		93	2800	M	M	L	M	M	RED	FX	M	14-16	3	3	3	3	2	2	2	3	2	N/A	3	2
E		CP3330VT2P/RIB*	NEW	93	2800	M	L	L	M-T	M-H	RED	SF	M	16-18	2	1	2	2	2	2	2	3	3	2	2	3

RECOMMENDED PRODUCT:



FEATURES: _____

PARTNERS (SEED OR CP): _____

NOTES: _____

Region	BRAND	Relative Maturity	CHU	Response-to Population [RTP]	Response-to Nitrogen [RTN]	Response-to Fungicide [RTF]	Plant Height	Ear Height	Ear Height	Cob Colour	Ear Flex	Flower Date	Kernel Rows	Seeding Vigour	Stalk Quality	Root Strength	Staygreen	Drought Tolerance	Drydown	Test Weight	Gray Leaf Spot	Common Rust	NCLB	Goss's Wilt	Anthracnose Stalk Rot	
E		CP3490VT2P/RIB*		94	2850	M	M	H	M-T	M-H	RED	SF	M-L	18-20	1	3	3	3	3	2	3	3	3	N/A	3	3
E		CP3575CONV		95	2800	H	H	M	M	M	RED	SF	M-L	16-18	2	2	2	2	2	3	1	3	2	N/A	4	1
E		CP3575VT2P/RIB*		95	2825	H	H	M	M	M	RED	SF	M-L	16-18	2	2	2	2	2	3	1	3	2	N/A	4	1
E		CP3575SS/RIB*		95	2850	H	H	M	M	M	RED	SF	M-L	16-18	2	2	2	2	2	3	1	3	2	N/A	4	1
E		CP3715SSPRO/RIB*		97	2950	M	M	M	M-T	M-H	RED	SF	M-E	18-20	2	2	2	2	2	2	3	4	2	2	2	2
E		CP3720TRE/RIB*		97	2900	M	H	M	M	M	RED	SF	E	16-18	2	2	2	2	2	2	1	2	2	N/A	N/A	3
E		CP3735VT2P/RIB*		97	2900	M	H	H	M	M	RED	SF	M	16-18	1	2	2	2	2	3	1	3	3	N/A	3	3
E		CP3790VT2P/RIB*	NEW	97	2925	L	M	H	T	M-H	RED	SF	M-L	16-18	2	2	4	2	2	2	2	4	3	2	2	3
E		CP3823SS/RIB*		98	2925	M	TBD	TBD	M-T	M	RED	SF	M	16-18	2	1	2	3	3	2	1	3	2	N/A	2	1
E		CP3980VT2P/RIB*		99	2950	M	M	H	M-T	M-H	RED	SF	M	14-16	2	3	1	3	2	3	3	2	N/A	N/A	3	3
E		CP4188CONV		101	2950	M	M	M	M	M	RED	SF	M	16-18	1	2	1	1	3	2	1	3	2	N/A	2	3
E		CP4188VT2P/RIB*		101	3000	M	M	M	M	M	RED	SF	M	16-18	1	2	1	1	3	2	1	3	2	N/A	2	3
E		CP4188SS/RIB*		101	3025	M	M	M	M	M	RED	SF	M	16-18	1	2	1	1	3	2	1	3	2	N/A	2	3
E		CP4265VT2P/RIB*		102	3050	M	L	M	M	M	RED	SF	M-L	16-18	1	2	1	3	1	3	3	3	3	N/A	2	3
E		CP4377TRE/RIB*	NEW	103	3100	M	TBD	TBD	M	M	RED	SF	M-E	16-18	2	2	2	3	3	2	2	3	3	2	2	2
E		CP4516TRE/RIB*		105	3150	M	M	H	M	M	RED	SF	M-E	16-18	2	3	2	2	2	3	2	3	3	2	2	2
E		CP4676SS/RIB*		106	3175	M	H	M	M	M	PINK	SF	M	16-18	1	3	3	2	1	3	1	3	2	N/A	3	1
E		CP4757VT2P/RIB*		107	3200	M	M	M	M	M-H	RED	FX	M	18-20	3	3	2	3	2	2	2	3	2	N/A	3	1

KEY

Scale

- 1 = Excellent
- 2 = Above average
- 3 = Average
- 4 = Below average
- 5 = Fair

W = Western Hybrid | E = Eastern Hybrid

Product descriptions and ratings are generated from Answer Plot trials and/or from the genetics supplier and may change as additional data is gathered.

1 RTP/RTN/RTF Ratings

- L = Low response
- M = Moderate response
- H = High response
- TBD = To be tested in 2025.

2 Plant Height

- T = Tall
- M = Medium
- S = Short

3 Ear Height

- H = High
- M = Medium
- L = Low

4 Ear Flex

- FL = Flex
- SF = Semi-flex
- FX = Fixed

5 Flower Date

- L = Late
- M = Medium
- E = Early

6 Staygreen

Late-season health coming from strong leaf-disease resistance, enhancing hybrid standability.



These ratings reflect trends observed in research trials that change with variations in rainfall, temperature, crop production patterns and other factors. Ratings on new hybrids are based on limited data and may change as more data is collected.

*Follow IRM guidelines and refuge configurations to preserve the benefits and insect protection of these technology crops.

NOTES: _____

CORN SILAGE

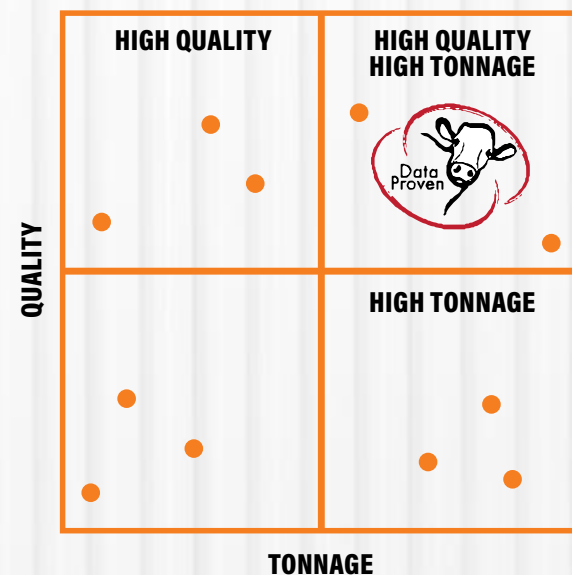


WinField United Canada partners with you to select Data Proven silage products, diagnose pest problems and figure out your exact plant nutrition needs throughout the growing season. We understand the importance of having the right levels of quality nutrients in the silage you feed your livestock, including our SilageFirst® seed line – specifically designed for high-producing dairy and beef cattle.

SILAGE PRODUCTS PROVEN BY DATA

Finding the best hybrid for your operation is a careful balance between tonnage and feed quality. The scatter graph below illustrates yield as tonnage per acre on the horizontal axis and milk per ton as quality on the vertical axis. The lines through the center represent the trial average.

- Each year, replicated corn silage trials are planted in select Canadian sites, in addition to the Answer Plot locations. After harvest, data is compiled and summarized over multiple years and locations to provide a performance snapshot.
- Summary data is compiled and computed using the University of Wisconsin MILK2006 milk-per-ton value, then plotted on a scatter graph to show the relationship between quality and tonnage potential for each hybrid.
- For most operations, selection will be based on hybrids in the high-quality, high-tonnage quadrant to ensure optimal production potential.
- CROPLAN corn silage hybrids that consistently perform in this high-quality and high-tonnage quadrant are marked with the Data Proven logo.

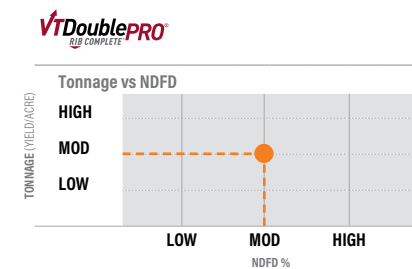


SATISFY YOUR NUTRITION NEEDS

Your nutritionist can determine the parameters for nutrient needs and, leveraging data, your WinField United representative or local CROPLAN distributor can help to position each hybrid for optimal performance based on multiple variables.

ANSWER PLOTS

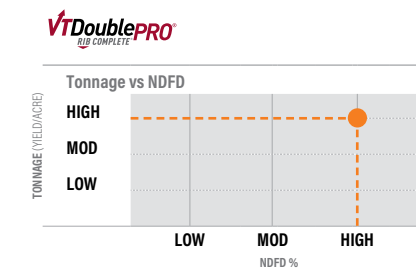
NEW
CROPLAN **CP1225VT2P/RIB*** WEST EAST
 Dual-Purpose 72 Day
 1900 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	4	4
Drought Tolerance	4	4
Root Strength	4	4
Tonnage Potential	4	4
Milk/Acre	4	4
% NDFD	4	4

- Ultra early dual-purpose hybrid.
- Excellent early season emergence and vigour.
- Great balance of tonnage and quality.
- Sets grain early to maximize starch fill up.

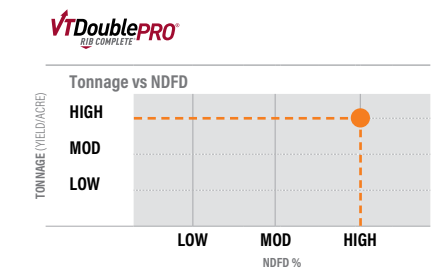
NEW
CROPLAN **CP1440VT2P/RIB*** WEST EAST
 Dual-Purpose 76 Day
 1950 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	4	4
Drought Tolerance	4	4
Root Strength	4	4
Tonnage Potential	4	4
Milk/Acre	4	4
% NDFD	4	4

- Great early option.
- Works well across most environments.
- Attractive plant type with solid agronomic package.
- Excellent staygreen for wider silage window.

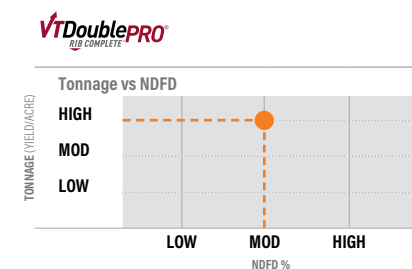
NEW
CROPLAN **CP2288VT2P/RIB*** WEST EAST
 Dual-Purpose 82 Day
 2300 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	4	4
Drought Tolerance	4	4
Root Strength	4	4
Tonnage Potential	4	4
Milk/Acre	4	4
% NDFD	4	4

- Excellent emergence and seedling vigour.
- Consistent yield potential with excellent vigour.
- Girthy ear with good tip fill for clean quality silage.
- Handles tough, variable yield environments.

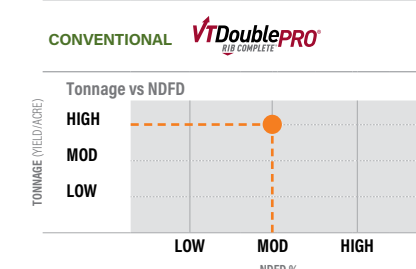
NEW
CROPLAN **CP2324VT2P/RIB*** WEST EAST
 Dual-Purpose 84 Day
 2350 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	4	4
Drought Tolerance	4	4
Root Strength	4	4
Tonnage Potential	4	4
Milk/Acre	4	4
% NDFD	4	4

- New dual-purpose silage with high tonnage potential.
- Take advantage of ear flex for maximum quality potential.
- Good plant health and staygreen for high quality silage.
- Very good drought stress tolerance.

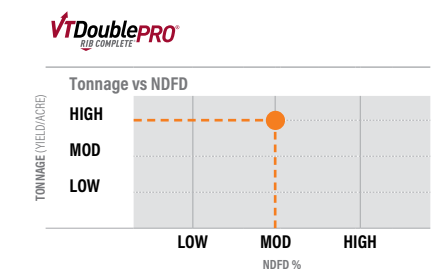
STAFF PICK
CROPLAN **CP2790VT2P/RIB*** WEST EAST
 Dual-Purpose 87 Day
 CONV: 2475 Silage CHU
 VT2P: 2500 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	4	4
Drought Tolerance	4	4
Root Strength	4	4
Tonnage Potential	4	4
Milk/Acre	4	4
% NDFD	4	4

- Excellent on low to medium yield environments.
- Strong ear flex with a moderate response-to nitrogen; broad range of growing conditions.
- Excellent seedling vigour for early planting.
- Above average drought tolerance.

NEW
CROPLAN **CP2965VT2P/RIB*** WEST EAST
 Dual-Purpose 89 Day
 2550 Silage CHU

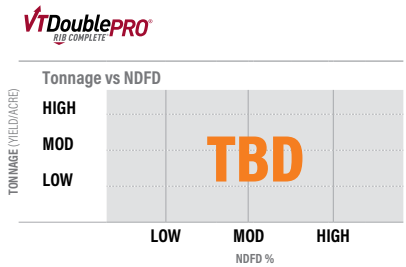


Characteristics	Fair	Excellent
Seedling Vigour	4	4
Drought Tolerance	4	4
Root Strength	4	4
Tonnage Potential	4	4
Milk/Acre	4	4
% NDFD	4	4

- Consistent hybrid for the last 5 years.
- Excellent early vigour for early planting.
- Moderate RTP and high RTN will drive yield on average to productive soils.
- Excellent staygreen and late season plant health for optimum potential.



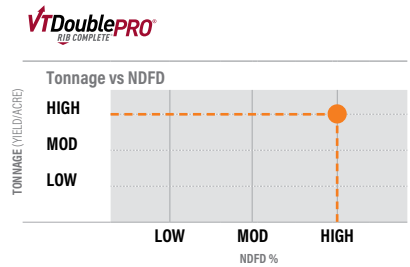
NEW
CROPLAN **CP3143VT2P/RIB*** WEST EAST
 Dual-Purpose 91 Day
 2625 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	TBD	
% NDFD	TBD	

- New 91-day dual-purpose silage.
- Very good staygreen for larger silage window.
- Good disease package for high quality silage.
- High RTN, place on fertile soils for maximum potential.

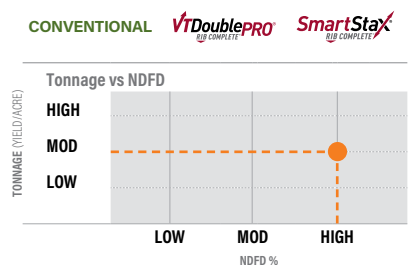
CROPLAN **CP3490VT2P/RIB*** WEST EAST
 Dual-Purpose 94 Day
 2650 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	Orange	Orange
% NDFD	Orange	Orange

- Consistent tonnage; stability across wide range of environments.
- Strong roots deliver strong drought tolerance and performance in poor soils.
- Semi-flex ear and strong stalks.
- Harvest timely because staygreen is below average.

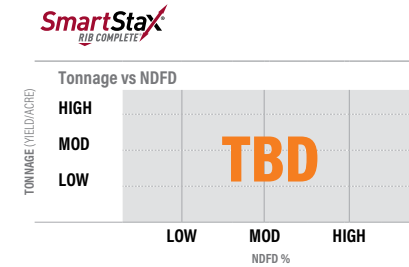
CROPLAN **CP3575SS/RIB*** WEST EAST
 Dual-Purpose 95 Day
 CONV: 2650 Silage CHU
 VT2P: 2675 Silage CHU
 SS: 2700 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	Orange	Orange
% NDFD	Orange	Orange

- Excels in moderate to high yield environments; moves across all soil types.
- Strong stalk quality and root strength.
- Has good ear flex for low plant densities, but will respond to higher management.
- Low response-to fungicide; may respond in heavy gray leaf spot situations.

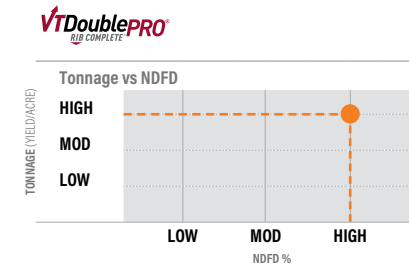
CROPLAN **CP3823SS/RIB*** WEST EAST
 Dual-Purpose 98 Day
 2775 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	TBD	
% NDFD	TBD	

- Tall robust plant suitable for silage.
- Semi-flex hybrid with excellent stalks for higher plant populations.
- Above and below ground insect protection for corn-on-corn silage acres.

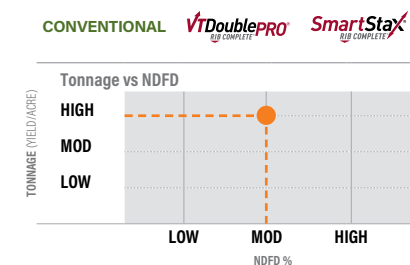
CROPLAN **CP3980VT2P/RIB*** WEST EAST
 Dual-Purpose 99 Day
 2800 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	Orange	Orange
% NDFD	Orange	Orange

- Tall hybrid with strong grain yield potential drive high tonnage potential.
- Excellent roots and good drought tolerance; high seeding rates and high tonnage.
- Moderate response-to nitrogen; consistent performance across variable soils.
- Harvest timely to avoid excess drydown.

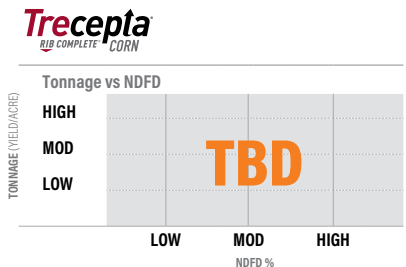
STAFF PICK
CROPLAN **CP4188SS/RIB*** WEST EAST
 Dual-Purpose 101 Day
 CONV: 2800 Silage CHU
 VT2P: 2850 Silage CHU
 SS: 2875 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	Orange	Orange
% NDFD	Orange	Orange

- Attractive plant type with solid agronomic package.
- Semi-flex ear allows lower densities, but will respond when pushed in populations.
- Handles tough, variable and ideal yield environments.
- Healthy, versatile, high tonnage dual-purpose hybrid.

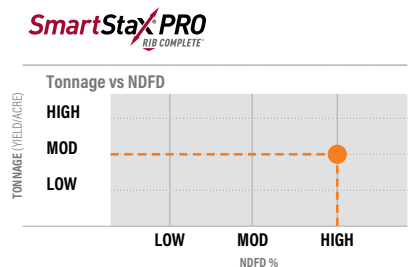
CROPLAN **CP3720TRE** WEST EAST
 Dual-Purpose 97 Day
 2750 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	TBD	
% NDFD	TBD	

- Trecepta trait to help against western bean cutworm.
- Strong agronomics for good quality silage.
- Excellent tip fill for maximum starch availability.
- Manage with a fungicide for a wider harvest window.

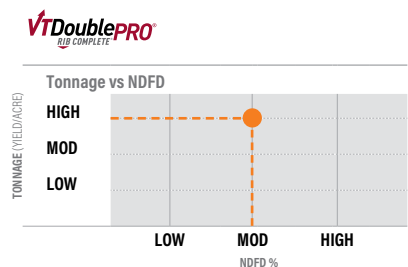
CROPLAN **CP3715SSPRO/RIB*** WEST EAST
 Dual-Purpose 97 Day
 2800 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	Orange	Orange
% NDFD	Orange	Orange

- Versatile SmartStax® PRO hybrid for known corn root worm acres.
- Strong stress tolerance and solid agronomics.
- A moderate RTN score; does not need aggressive N management to thrive.
- Manage in areas where gray leaf spot is a concern.

NEW
CROPLAN **CP3790VT2P/RIB*** WEST EAST
 Dual-Purpose 97 Day
 2775 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	Orange	Orange
% NDFD	Orange	Orange

- Excellent tonnage potential.
- Strong emergence and stalks.
- Great flex ear and strong drought tolerance.
- Keep populations low to optimize root development.

STAFF PICKS

CP4188SS

I love this hybrid as a dual-purpose for our dairy farm. As a silage or high moisture corn option, it provides operational flexibility with a high milk/ton value.

For more information on this product, visit page 51.

WEST EAST



Kaitland VanderSpek,
 Market Development
 Manager | Ontario

CP2790VT2P

The tonnage and feed value has been fantastic. It's been doing great the last few years, and has many repeat customers.

For more information on this product, visit page 49.

WEST EAST



Jody Jury,
 Market Development
 Manager | Manitoba

SILAGEFIRST SEED LINE DELIVERS

The SilageFirst seed line of products from CROPLAN is specifically designed for high-producing dairy and beef cattle. There are three types of SilageFirst hybrids.

LEAFY HYBRIDS

- Leafy stalks are thicker and more digestible, with larger ears to produce more energy.

FLOURY-LEAFY HYBRIDS

- At feedout, floury-leafy products effectively bridge the gap between the previous year's corn silage pile and the current year's feed.

Leafy and floury-leafy hybrids may not contain a high level of total starch, but have a softer kernel texture that is easily broken during the chopping, storage and chewing process. This allows starch to be readily digested for more available energy.

HIGH-ENERGY/HIGH-TONNAGE HYBRIDS

- Offers increased flexibility in harvest and feedout as grain or high-energy/high-tonnage silage when used in combination with leafy and floury-leafy hybrids.
- Works well when harvested first and floury-leafy hybrids are harvested last.
- Appropriate for feeding after the 120+ day post ensiling, when they reach optimum starch and fiber digestibility.
- Provide the energy and tonnage requirements to optimize weight gain for beef cattle.

LEAFY & DUAL-PURPOSE: FIND THE PERFECT FIT FOR YOUR OPERATION

- Leafy hybrids offer increased starch and fiber digestibility, while providing a wider harvest window for a flexible harvest schedule.
- Dual-purpose hybrids offer more flexibility at harvest and feedout as silage or grain.
- Choose a leafy hybrid and a dual-purpose hybrid to maximize harvest timing and feedout schedules.
- For more information, talk to your WinField United representative or local CROPLAN distributor.



Kaitland VanderSpek,
Market Development
Manager | Ontario

WEST EAST

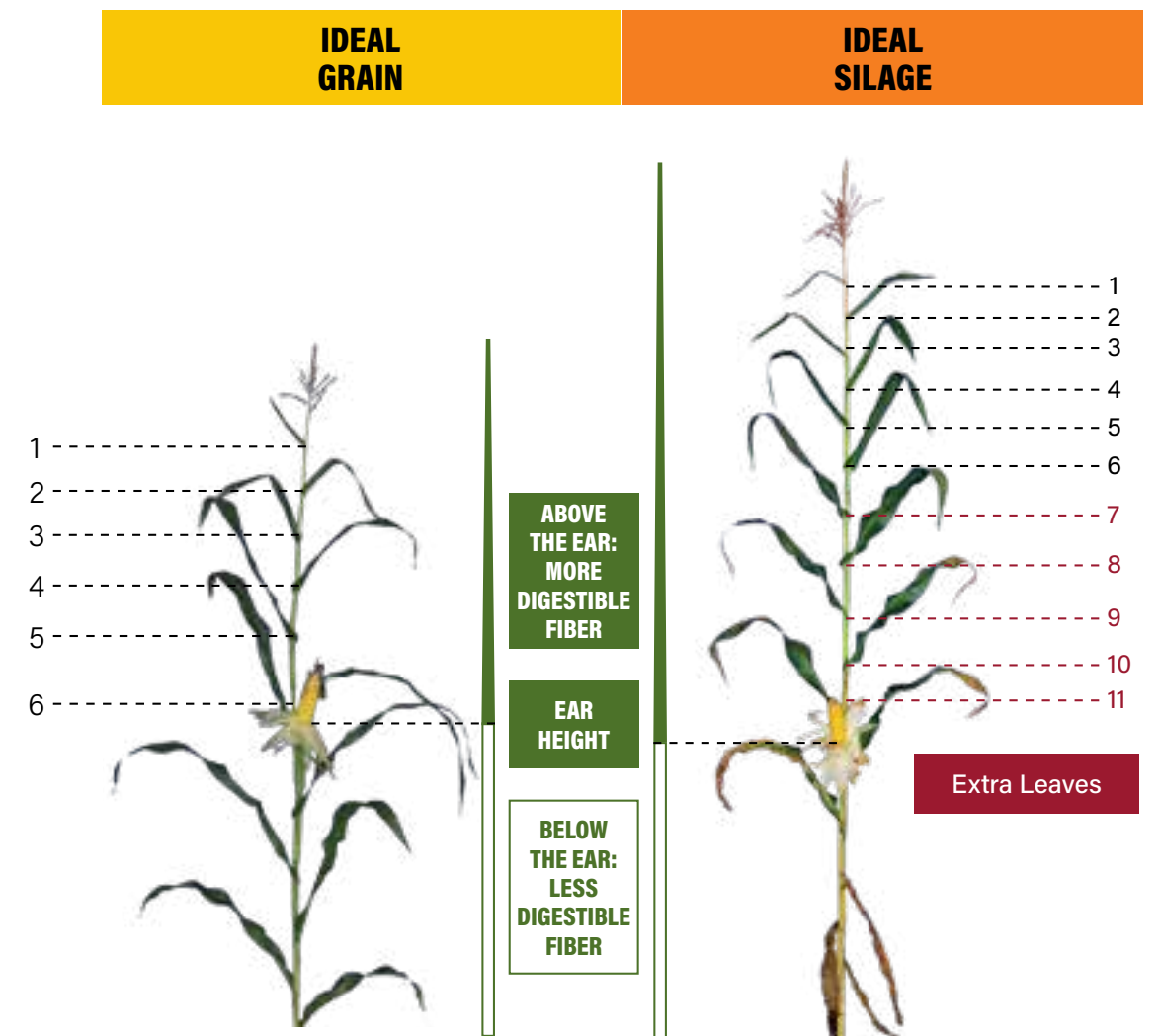
STAFF PICK

CP4023SRR

This leafy hybrid stands out against the rest, topping plots with extremely high tonnage and increased feed digestibility compared to a dual-purpose hybrid. A must try for the silage specific acre!

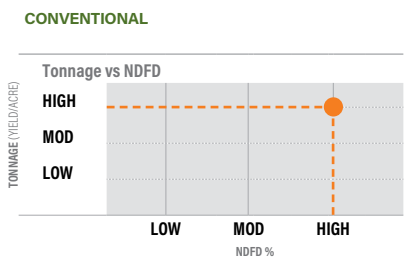
For more information on this product, visit page 56.

GRAIN VS SILAGE



	IDEAL GRAIN	IDEAL SILAGE
YIELD	High grain yield with high test weight.	High total plant yield of digestible forage.
KERNEL MOISTURE	Adequate drydown for harvest.	50% milk line for as long as possible at silage harvest time.
KERNEL HARDNESS	As hard as possible to decrease possibility of breakage.	Soft and easily broken for maximum digestion in the rumen.
KERNEL SIZE	Ideal size for transport and storage.	Large to increase possibility of breakage.
STALK MOISTURE	Wet to keep plant alive as long as possible to reach ideal grain harvest.	Dries to achieve 65% total plant moisture and stays in that range to extend harvest window.
STALK INTEGRITY	As stiff and solid as possible for late season grain harvest.	As soft and flexible as possible, yet strong enough to remain standing through late silage harvest.
EAR HEIGHT	High position on the plant to ensure harvest by combine.	Low position on the plant to increase proportion of digestible fiber above the ear.
IDEAL AT HARVEST	Wet strong stalk that supports ears of vitreous, hard, dry kernels.	Large plant with a soft stalk and moist ear of large breakable kernels. Stalk and ear dry at a complimentary rate.

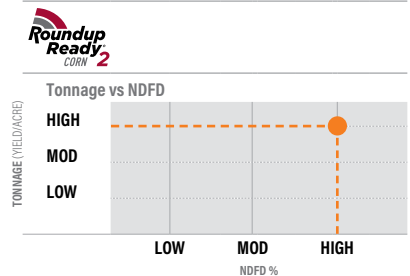
SILAGEFIRST
CROPLAN **CF910SCONV** WEST EAST
 Leafy 75 Day
 2250 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	Orange	Orange
% NDFD	Orange	Orange

- SilageFirst flouy hybrid.
- 25% flouy kernels when self-pollinated for optimum digestibility.
- Produces a high-yielding, robust crop.
- Produces a silage product with an excellent balance of digestible starch and fiber.

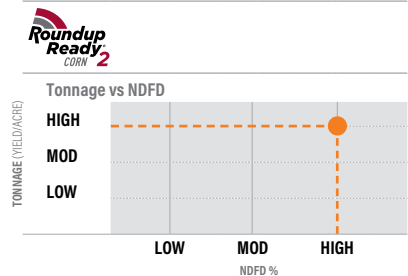
SILAGEFIRST
CROPLAN **CF913SRR** WEST EAST
 Leafy 75 Day
 2250 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	Orange	Orange
% NDFD	Orange	Orange

- SilageFirst flouy-leafy proven hybrid.
- 25% flouy kernels when self-pollinated for optimum digestibility.
- Produces a high-yielding, robust crop.
- Produces a silage product with an excellent balance of digestible starch and fiber.

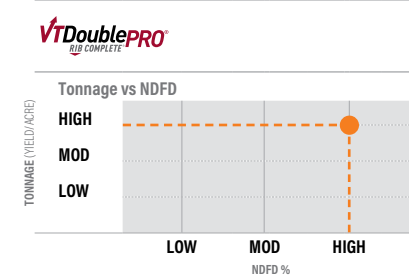
NEW **SILAGEFIRST**
CROPLAN **CP2732SRR** WEST EAST
 Leafy 87 Day
 2650 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	Orange	Orange
% NDFD	Orange	Orange

- SilageFirst flouy-leafy proven hybrid.
- 25% flouy kernels when self-pollinated for optimum digestibility.
- Strong performance in both tonnage and quality.
- To achieve optimal quality, target 30,000 plants per acre.

SILAGEFIRST
CROPLAN **CP4100SVT2P/RIB*** WEST EAST
 Leafy 101 Day
 2975 Silage CHU

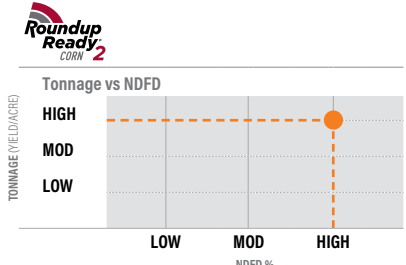


Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	Orange	Orange
% NDFD	Orange	Orange

- Highly digestible SilageFirst leafy hybrid with high yield potential.
- Strong performance in both tonnage and quality.
- Responds well to enhanced nitrogen management.
- White cob hybrid.

NOTES:

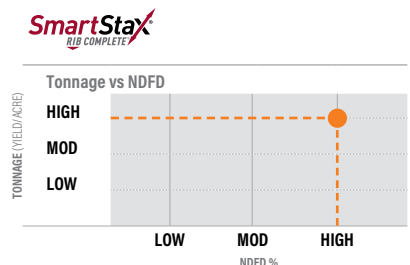
SILAGEFIRST
CROPLAN **CF932SRR** WEST EAST
 Leafy 90 Day
 2775 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	Orange	Orange
% NDFD	Orange	Orange

- SilageFirst flouy-leafy proven hybrid.
- 25% flouy kernels when self-pollinated for optimum digestibility.
- Exceptional yield potential in high yielding environments.
- Flex ear, plant at lower populations.

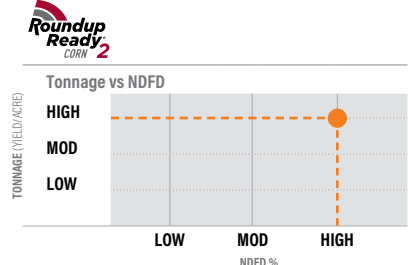
SILAGEFIRST
CROPLAN **CF956SSS/RIB*** WEST EAST
 Leafy 94 Day
 2850 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	Orange	Orange
% NDFD	Orange	Orange

- SilageFirst leafy proven hybrid now with SmartStax.
- Above and below insect protection for corn-on-corn acres.
- Strong performance in both tonnage and quality.
- Flex ear, plant at lower populations.

STAFF PICK **SILAGEFIRST**
CROPLAN **CP4023SRR** WEST EAST
 Leafy 100 Day
 3000 Silage CHU



Characteristics	Fair	Excellent
Seedling Vigour	Orange	Orange
Drought Tolerance	Orange	Orange
Root Strength	Orange	Orange
Tonnage Potential	Orange	Orange
Milk/Acre	Orange	Orange
% NDFD	Orange	Orange

- Excellent leafy-flouy option with high tonnage potential.
- Very good plant health for better quality feed.
- Excellent roots and stalks for standability.
- Above average leaf disease tolerance.

Region	SILAGE-FIRST BRAND	Relative Maturity	Silage CHU	CHU	Plant Height	Ear Height	Ear Flex	Flower Date	Kernel Rows	Response-to Population [RTP]	Response-to Nitrogen [RTN]	Response-to Fungicide [RTF]	Seedling Vigour	Root Strength	Tonnage Potential	# Milk/Acre	% NDFD	% NDF	% Starch	% Crude Protein	TDN	
E	CF910SCONV	75	2250	2400	2	M	M	FL	E	14-16	L	N/A	N/A	2	2	2	1	2	2	2	2	2
E	CF913SRR	75	2250	2400	2	M	M	FL	E	14-16	L	N/A	N/A	2	2	2	1	2	2	2	3	2
E	CP2732SRR NEW	87	2650	2800	1	T	M	FL	M	16-18	L	N/A	N/A	1	2	2	2	2	2	3	3	2
E	CF932SRR	90	2775	2925	2	T	M	FL	M	16-18	L	N/A	N/A	2	2	1	1	2	2	3	3	2
E	CF956SSS/RIB*	94	2850	3000	2	T	M	FL	M	16-18	L	N/A	N/A	2	2	1	2	2	2	3	2	3
E	CP4023SRR	100	3000	3150	1	T	M	FL	M	16-18	L	N/A	N/A	3	2	2	1	2	2	3	3	2
E	CP4100SVT2P/RIB*	101	2975	3125	2	T	M	SF	M	16-18	L	N/A	M	3	2	2	1	1	2	3	4	3

KEY

Product descriptions and ratings are generated from Answer Plot® trials and/or from the genetics supplier and may change as additional data is gathered.

Scale
 1 = Excellent
 2 = Above average
 3 = Average
 4 = Below average
 5 = Fair

1 Plant Height
 T = Tall
 M = Medium
 S = Short

2 Ear Height
 H = High
 M = Medium
 L = Low

3 Ear Flex
 FL = Flex
 SF = Semi-flex
 FX = Fixed

4 Flower Date
 L = Late
 M = Medium
 E = Early

5 RTP/RTN/RTF Ratings
 L = Low response
 M = Moderate response
 H = High response
 TBD = To be tested in 2025.

Insect Resistance Management
 Planting Refuges, Preserving Technology

These ratings reflect trends observed in research trials that change with variations in rainfall, temperature, crop production patterns and other factors. Ratings on new hybrids are based on limited data and may change as more data is collected.

*Follow IRM guidelines and refuge configurations to preserve the benefits and insect protection of these technology crops.

SOYBEAN



At WinField United Canada, we use proven technologies to deliver high yields by matching the right soybean genetics and traits to your field's conditions. Our WinPak products offer two high yielding soybean varieties with complementary agronomics in one bag, carefully paired to deliver a winning yield strategy. Plus, to help you achieve the best returns on your farm, our seed is selected for disease tolerance, which helps protect the plant through all stages of growth.

MANAGE VARIABILITY LIKE A BOSS WITH WINPAK SOYBEANS

WinPak® combines two high yielding soybean varieties in one bag, so you can confidently seed without second guessing. Seeds are carefully paired to provide complementary characteristics such as region-specific disease and drought tolerance, standability, yield potential and more.



HOW IS WINPAK SEED SELECTED?

- Designed to mitigate risk across the whole field: more stability on variable acres, high yield potential on productive acres and consistency in more challenging acres.
- Seed is strategically paired to provide farmers complementary agronomic features for optimal performance in their specific region.
- Varieties are selected with similar maturities to ensure consistent drydown in the field.

MANAGING VARIABILITY

- Planting diverse soybean varieties can help balance contrasting soil types, improving overall field management.
- WinPak varieties help to capitalize on your top-end yield potential in the better areas of the field and offer solid defence in areas with greater soil variability.
- Helps to balance the variability inherent in other factors that affect yield potential, such as weather.

STAFF PICK

CP0922WPX

WEST EAST



Darren McColm,
Agronomy Manager
Eastern Canada

I like the broad adaptability of the CP0922WPX. Its high yield potential with a mix of great disease tolerance makes it a perfect WinPak choice.

For more information on this product, visit page 67.

COMPONENTS	PRR TOLERANCE	PRR GENE	SWM	STANDABILITY	IDC	HEIGHT
CP0921X	2	✓ Rps3a	2	2	✓ 1	M
CP0922X	2	NG	2	✓ 1	2	T

PRR = Phytophthora Root Rot | SWM = Soybean White Mold | IDC = Iron Deficiency Chlorosis | Scale: 1 = Excellent | 2 = Above average | 3 = Average | 4 = Below average | 5 = Fair
Height: T = Tall | M = Medium | S = Short

SOYBEAN HERBICIDE TOLERANCE AND WEED CONTROL

Weed control in soybeans starts with seed selection. With several herbicide-tolerant traits now available, and more on the way, you've got plenty of tools in the toolbox. Faced with hard-to-control weeds, creating a plan for season-long weed management is critical for success.

VARIETY	KEY	HERBICIDE TOLERANCE TRAIT	GLYPHOSATE	GLUFOSINATE	DICAMBA	2,4-D CHOLINE
ROUNDUP READY 2 XTEND SOYBEANS	X	• Roundup® • Dicamba	✓	X	✓	X
XTENDFLEX SOYBEANS	XF	• Roundup® • Glufosinate • Dicamba	✓	✓	✓	X
ENLIST E3 SOYBEANS	E	• Glyphosate • Glufosinate • 2,4-D Choline	✓	✓	X	✓

MAXIMIZE STAND DENSITY

Maximizing stand density is important in order to maintain high yield potential.

Be sure to consider these factors:

- Proper residue management
- Uniform seedbed
- Proper seed depth
- Proper seed-to-soil contact
- Apply a premium seed treatment



PHYTOPHTHORA ROOT ROT RESISTANCE GENES

Phytophthora root rot (PRR) is a yield-robbing disease commonly found in heavier, poorly drained soils. There are many known races of phytophthora. Genes are bred into soybean varieties to convey resistance to these races, but not all resistance genes will control all races.

Consult your WinField United representative or local CROPLAN distributor to help you determine which resistance package is right for you.

OPTIMAL CONDITIONS FOR DISEASE INFECTION

FUNGUS	DISEASE	RANGE/OPTIMUM (TEMPERATURE °C)	MOISTURE
Pythium	Damping-off	10-20 / <15	Saturated
Rhizoctonia	Damping-off	15-30 / 27	30%-60% water
Phytophthora	Damping-off	15-30 / 25-27	Saturated; weekly periodic rain
Fusarium	SDS and root rot	10-30 / 15	Wet to saturated

UNDERSTANDING PRR RESISTANCE

PRR GENES	PRR RACES CONTROLLED
Rps3a	1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25
Rps1c	1-3, 6-11, 13, 15, 17, 21, 23, 24, 26
Rps1k	1-11, 13-15, 17, 18, 21, 22, 24, 26
Rps1a	1, 2, 10, 11, 13-18, 24



Enlist E3™ soybean varieties are now available. Using the Enlist weed control system, farmers can take control of resistant and hard-to-control weeds.

The Enlist™ weed control system will change how you think about weed management in soybeans.

WHY USE THE ENLIST WEED CONTROL SYSTEM?

- › A system with new traits providing herbicide tolerance in soybeans and corn
- › Herbicide solutions built on an improved form of 2,4-D that lands and stays on target, enables management of hard-to-control and resistant weeds with Group 4 herbicides
- › Enlist Stewardship resources that support the use of multiple modes of action to manage resistant weeds, provide training, and promote responsible and sustainable use

Enlist E3™ Soybeans

Enlist E3 soybeans provide high-yielding soybean genetics and industry leading triple-mode of action herbicide tolerance.

WHY USE ENLIST E3 SOYBEANS?

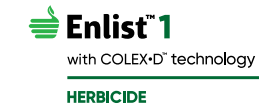
- › Enlist E3 soybeans are tolerant to 2,4-D, glyphosate and glufosinate herbicides, which are part of a strong resistance management strategy
- › Excellent crop tolerance enabling applications up to the R2 growth stage

Enlist™ herbicides that land and stay on target



COMPLETE CONVENIENCE.

Enlist Duo provides the convenience of both 2,4-D choline and glyphosate in one formulation for control of grasses and broadleaf weeds including hard-to-control and resistant weeds.



FLEXIBILITY AND CHOICE.

Enlist 1, a stand-alone 2,4-D choline formulation, provides the flexibility to tank-mix and adjust the rates of glyphosate or Liberty® 200 SN (glufosinate) for hard-to-control and resistant weeds.

Learn more at EnlistCanada.ca

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#1 FARMERS SHOULDN'T USE A #2 SYSTEM

Why settle for the runner-up when you could have Roundup Ready® Xtend Crop System, the #1 grown soybean system in Canada*? It's the only system that combines the high yield potential of Roundup Ready 2 Xtend® soybeans with built-in tolerance to both glyphosate and dicamba chemistries.

Applying the higher rate of Roundup Xtend®2 with VaporGrip® Technology in your first pass provides short-term residual activity on small-seeded broadleaves** with the added ability to effectively manage resistance concerns.

STAY AHEAD OF WEEDS WITH THE EARLY SEASON CONTROL OF CANADA'S #1 GROWN SOYBEAN SYSTEM.
traits.bayer.ca >>

*Based on market research conducted by Stratus Ag Research in 2022 with Canadian soybean growers.
 **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 growers' fields.
 Always read and follow insect resistance management requirements (where applicable), grain marketing and all other stewardship practices and pesticide label directions. Scan the QR code or visit traits.bayer.ca/en/product-legal to review important stewardship and product information including regulatory status, grain marketing requirements, herbicide and insect tolerance, pesticide use and product trial results.
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Four ways to rock early season disease

Dig the sweet new sound of Vayantis® IV soybean seed treatment!

With four modes of action – including new breakthrough chemistry – you get next-level performance against a wide range of early season diseases, including Phytophthora. Plus – the added benefit of Rooting Power® helps build stronger roots, for a soybean stand that can get rockin', rollin' and yielding, even in tough spring conditions.

Visit Syngenta.ca/VayantisIV to see how Vayantis IV can help you have a smash hit start to the season.

Always read and follow label directions. Vayantis IV is an on-seed application of Vibrance Trio fungicide seed treatment and Vayantis fungicide seed treatment. Vayantis®, Rooting Power®, the Alliance Frame and the Syngenta logo are trademarks of a Syngenta Group Company. © 2024 Syngenta.

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CROPLAN **CP000621WPX** WEST EAST
Group: 000.6
2200 CHU

ROUNDUP READY 2 XTEND SOYBEANS **WinPak**
By WINFIELD UNITED

Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	N/A	
SWM Tolerance	■	■
BSR Tolerance	■	■
Iron Chlorosis	■	■

Emergence	2	Canopy Type	INT
Standability	1	Height	M

CROPLAN **CP00123WPX** WEST EAST
Group: 00.1
2325 CHU

ROUNDUP READY 2 XTEND SOYBEANS **WinPak**
By WINFIELD UNITED

Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	N/A	
SWM Tolerance	■	■
BSR Tolerance	■	■
Iron Chlorosis	■	■

Emergence	2	Canopy Type	INT
Standability	1	Height	M

CROPLAN **CP00523WPX** WEST EAST
Group: 00.5
2425 CHU

ROUNDUP READY 2 XTEND SOYBEANS **WinPak**
By WINFIELD UNITED

Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	■	■
SWM Tolerance	■	■
BSR Tolerance	■	■
Iron Chlorosis	■	■

Emergence	2	Canopy Type	BUSH
Standability	2	Height	T

STAFF PICK
CROPLAN **CP0922WPX** WEST EAST
Group: 0.9
2775 CHU

ROUNDUP READY 2 XTEND SOYBEANS **WinPak**
By WINFIELD UNITED

Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	■	■
SWM Tolerance	■	■
BSR Tolerance	■	■
Iron Chlorosis	■	■

Emergence	1	Canopy Type	BUSH
Standability	1	Height	M/T

CROPLAN **CP1222WPE** WEST EAST
Group: 1.2
2875 CHU

Enlist E3 SOYBEANS **WinPak**
By WINFIELD UNITED

Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	■	■
SWM Tolerance	■	■
BSR Tolerance	■	■
Iron Chlorosis	■	■

Emergence	1	Canopy Type	BUSH
Standability	2	Height	M/T

CROPLAN **CP1221WPX** WEST EAST
Group: 1.2
2875 CHU

ROUNDUP READY 2 XTEND SOYBEANS **WinPak**
By WINFIELD UNITED

Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	■	■
SWM Tolerance	■	■
BSR Tolerance	■	■
Iron Chlorosis	■	■

Emergence	2	Canopy Type	BUSH
Standability	2	Height	M/T

- WinPak consisting of CP000521X + CP000620RX.
- Good performer on all soil types with strong stress tolerance and IDC.
- High yielding early Xtend WinPak.
- Adapted to short season zone and narrow zone spacing.

- WinPak consisting of CP00120RX + CP00123X.
- Rapid early season growth and canopy closure.
- Strong agronomics for any environment.
- Great disease package with above average IDC score.

- WinPak consisting of CP00419RX + CP00523X.
- Strong yield potential; performs well under tough conditions.
- Above average height with excellent standability.
- Good white mold tolerance and PRR package Rps1k/1c.

- WinPak consisting of CP0921X + CP0922X.
- Maintains yield in lower yield environments.
- Above average emergence with no-till adaptability.
- Excellent wide row WinPak.

- WinPak consisting of CP1121E + CP1122E.
- Adapted to all soil types.
- Strong stress tolerance.
- Best performance in and south of its zone.

- WinPak consisting of CP1220RX + CP1221X.
- Very high yield potential and consistent on all soil types.
- Unbeatable PRR resistance.
- Strong SCN protection.

NEW
CROPLAN **CP0324X** WEST EAST
Group: 0.3
2625 CHU

ROUNDUP READY 2 XTEND SOYBEANS

Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	N/A	
SWM Tolerance	■	■
BSR Tolerance	N/A	
Iron Chlorosis	N/A	

Emergence	3	Canopy Type	BUSH
Standability	2	Height	M

NEW
CROPLAN **CP0624WPXF** WEST EAST
Group: 0.6
2700 CHU

XTENDFLEX SOYBEANS **WinPak**
By WINFIELD UNITED

Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	■	■
SWM Tolerance	■	■
BSR Tolerance	■	■
Iron Chlorosis	N/A	

Emergence	2	Canopy Type	BUSH
Standability	3	Height	M/T

CROPLAN **CP0723WPE** WEST EAST
Group: 0.7
2750 CHU

Enlist E3 SOYBEANS **WinPak**
By WINFIELD UNITED

Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	■	■
SWM Tolerance	■	■
BSR Tolerance	■	■
Iron Chlorosis	N/A	

Emergence	1	Canopy Type	BUSH
Standability	2	Height	M

CROPLAN **CP1621WPE** WEST EAST
Group: 1.6
2950 CHU

Enlist E3 SOYBEANS **WinPak**
By WINFIELD UNITED

Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	■	■
SWM Tolerance	■	■
BSR Tolerance	■	■
Iron Chlorosis	■	■

Emergence	2	Canopy Type	BUSH
Standability	2	Height	M/T

CROPLAN **CP1921WPE** WEST EAST
Group: 1.9
3025 CHU

Enlist E3 SOYBEANS **WinPak**
By WINFIELD UNITED

Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	■	■
SWM Tolerance	■	■
BSR Tolerance	■	■
Iron Chlorosis	■	■

Emergence	1	Canopy Type	BUSH
Standability	1	Height	M/T

NEW
CROPLAN **CP1923X** WEST EAST
Group: 1.9
3050 CHU

ROUNDUP READY 2 XTEND SOYBEANS

Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	■	■
SWM Tolerance	■	■
BSR Tolerance	■	■
Iron Chlorosis	N/A	

Emergence	1	Canopy Type	BUSH
Standability	1	Height	M

- Nice yield potential, with consistent performance.
- Strong white mold tolerance.
- Medium plant height, excels in narrower rows.
- Good standability in high fertile soils.

- New WinPak consisting of CP0621XF + CP0624XF.
- An industry leader in white mold tolerance.
- Great option for variable soils.
- SCN protection for acres where cyst pressure is growing.

- WinPak consisting of CP0722E + CP0723E.
- Suitable for narrow rows for adequate canopy.
- Strong vigour for no-till.
- High yielding E3 WinPak for all soil types.

- WinPak consisting of CP1521E + CP1621E.
- Overall great disease package.
- Excellent yield potential, adapted for high yielding environments.
- Adapted for no-till.

- WinPak consisting of CP1821E + CP1921E.
- High yield potential.
- Unmatched emergence.
- Great late season pod fill.

- All around performance variety.
- Excellent early season vigour for no-till situations.
- Strong SDS and PRR tolerance.
- Great standability for fertile soils.

NEW
CROPLAN **CP2223WPE** WEST EAST
 Group: 2.2
 3150 CHU



Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	■	■
SWM Tolerance	■	■
BSR Tolerance	■	■
Iron Chlorosis	■	■

Emergence **2** | Canopy Type **BUSH**
 Standability **2** | Height **M/T**

- WinPak consisting of CP2322E + CP2223E.
- Strong SDS tolerance.
- High yielding broad acre bean.
- Upgraded WinPak for improved disease ratings.

NEW
CROPLAN **CP2424WPXF** WEST EAST
 Group: 2.4
 3175 CHU



Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	■	■
SWM Tolerance	■	■
BSR Tolerance	N/A	
Iron Chlorosis	N/A	

Emergence **1** | Canopy Type **BUSH**
 Standability **3** | Height **M/T**

- New WinPak consisting of CP2424XF + CP2524XF.
- Great on heavy and lighter soils.
- Excellent overall disease package.
- Above average SDS tolerance.

NEW
CROPLAN **CP2624XF** WEST EAST
 Group: 2.6
 3225 CHU



Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	■	■
SWM Tolerance	■	■
BSR Tolerance	N/A	
Iron Chlorosis	N/A	

Emergence **1** | Canopy Type **BUSH**
 Standability **4** | Height **M/T**

- Leading yield potential.
- Good defensive profile.
- Stable performance across environments.
- Above average vigour and early season growth makes a great no-till bean.

NEW
CROPLAN **CP2724E*** WEST EAST
 Group: 2.7
 3250 CHU



Characteristics	Fair	Excellent
SCN Tolerance	■	■
PRR Tolerance	■	■
SDS Tolerance	■	■
SWM Tolerance	■	■
BSR Tolerance	■	■
Iron Chlorosis	■	■

Emergence **1** | Canopy Type **BUSH**
 Standability **2** | Height **M/T**

- Medium-tall plant with excellent standability.
- Quick drydown for wider harvest flexibility.
- Above average white mold tolerance.
- Good stress tolerance.

*Pending registration

KEY

Height
 T = Tall
 M = Medium
 S = Short

Variety Best Location
 WEST = Western variety
 EAST = Eastern variety

Canopy Type
 NAR = Narrow
 INT = Intermediate
 BUSH = Bushy

SCN = Soybean cyst nematode
PRR = Phytophthora root rot
SDS = Sudden death syndrome
SWM = Soybean white mold
BSR = Brown stem rot

CROPLAN SOYBEAN TRIAL RESULTS

Use your smartphone camera to scan code

TIRED OF NOT HAVING CONTROL?

Unpacked by WinField United takes your favourite spray and unboxes it from adjuvants for maximum choice and control.

LEARN MORE
 Use smartphone camera to scan code

Available in Antler® 360, BISON®, Cadillac™ and Marshall®

WINFIELD UNITED

NOTES:

Region	BRAND	WinPak Component Only	Herbicide System	Relative Maturity	SCN Tolerance	SCN Gene	PRR Tolerance	PRR Gene	SDS Tolerance	SWM Tolerance	BSR Tolerance	Iron Chlorosis	Emergence	Standability	Canopy Type	Plant Height	Flower Colour	Pubescence Type	Pod Colour	Hilum Colour		
W	CP000521X	✓	XTEND	000.5	2175	5	NG	1	Rps1c	N/A	3	N/A	2	2	2	2	INT	M	P	LT	TN	YE
W	CP000620RX	✓	XTEND	000.6	2200	2	NG	5	Rps1c	N/A	3	5	3	2	1	INT	M	P	TW	BR	BL	
W	CP000621WPX		XTEND	000.6	2200	3	NG	3	Rps1c	N/A	3	5	3	2	1	INT	M	P	LT/TW	TN/BR	YE/BL	
W	CP00120RX	✓	XTEND	00.1	2325	1	NG	3	NG	N/A	3	2	2	2	1	INT	M	P	TW	BR	BR	
W	CP00123X	✓	XTEND	00.1	2325	2	PI88788	2	Rps1c	N/A	2	N/A	2	2	2	INT	M	P	TN	BR	GR	
W	CP00123WPX		XTEND	00.1	2325	2	PI88788/NG	2	Rps1c/NG	N/A	2	3	2	2	1	INT	M	P	TW/TN	BR/LB	BR/GR	
W	CP00419RX	✓	XTEND	00.4	2400	1	NG	2	Rps1k	N/A	3	N/A	3	3	2	BUSH	T	P	TW	LB	BL	
W	CP00523X	✓	XTEND	00.5	2425	3	NG	2	Rps1c	3	2	1	3	2	2	BUSH	T	P	LT	BR	BL	
W	CP00523WPX		XTEND	00.5	2425	2	NG	2	Rps1k/1c	3	2	2	3	2	2	BUSH	T	P	TW/LT	LB/BR	BL	

RECOMMENDED PRODUCT:

FEATURES:

PARTNERS (SEED OR CP):

NOTES:

Region	BRAND	WinPak Component Only	Herbicide System	Relative Maturity	SCN Tolerance	SCN Gene	PRR Tolerance	PRR Gene	SDS Tolerance	SWM Tolerance	BSR Tolerance	Iron Chlorosis	Emergence	Standability	Canopy Type	Plant Height	Flower Colour	Pubescence Type	Pod Colour	Hilum Colour	
E	CP0324X NEW		XTEND	0.3	2625	3	PI88788	2	Rps1c	N/A	2	N/A	N/A	3	2	BUSH	M	P	LT	BR	BL
E	CP0621XF	✓	XTENDFLEX	0.6	2700	3	PI88788	3	Rps1c	3	1	2	N/A	2	2	BUSH	M	P	LT	TN	BL
E	CP0624XF NEW	✓	XTENDFLEX	0.6	2700	2	PI88788	3	Rps1c	2	3	2	N/A	2	4	BUSH	M/T	P	LT	BR	BR
E	CP0624WPXF NEW		XTENDFLEX	0.6	2700	2	PI88788	3	Rps1c	3	2	2	N/A	2	3	BUSH	M/T	P	LT	TN/BR	BL/BR
E	CP0722E	✓	ENLIST	0.7	2750	1	PI88788	2	Rps3a	3	2	2	N/A	1	2	BUSH	M	P	GR	TN	BF
E	CP0723E	✓	ENLIST	0.7	2750	1	PI88788	3	Rps3a	3	3	2	N/A	1	2	BUSH	M	P	GR	TN	IB
E	CP0723WPE		ENLIST	0.7	2750	1	PI88788	2	Rps3a	3	2	2	N/A	1	2	BUSH	M	P	GR	TN	BF/IB
E	CP0921X	✓	XTEND	0.9	2775	1	PI88788	2	Rps3a	N/A	2	3	1	2	2	BUSH	M	P	LT	BR	BL
E	CP0922X	✓	XTEND	0.9	2775	3	PI88788	2	NG	4	2	2	2	1	1	BUSH	T	P	LT	BR	BL
E	CP0922WPX		XTEND	0.9	2775	2	PI88788	2	Rps3a	3	2	2	1	1	1	BUSH	M/T	P	LT	BR	BL
E	CP1121E	✓	ENLIST	1.1	2850	5	NG	3	Rps1k	3	3	2	3	1	2	BUSH	M/T	P	GR	TN	BF
E	CP1122E	✓	ENLIST	1.1	2875	1	PEKING	3	Rps3a	2	3	2	2	2	2	BUSH	M	P	GR	TN	BF
E	CP1222WPE		ENLIST	1.2	2875	3	PEKING	3	Rps1k/3a	2	3	2	2	1	2	BUSH	M/T	P	GR	TN	BF
E	CP1220RX	✓	XTEND	1.2	2875	1	PI88788	2	Rps1c, H3a	4	3	2	N/A	3	1	BUSH	T	P	LT	BR	BL
E	CP1221X	✓	XTEND	1.2	2875	1	PI88788	2	Rps1c/3a	2	3	2	1	1	2	BUSH	M/S	P	LT	BR	BL
E	CP1221WPX		XTEND	1.2	2875	1	PI88788	2	Rps1c, H3a/3a	3	3	2	1	2	2	BUSH	M/T	P	LT	BR	BL
E	CP1521E	✓	ENLIST	1.5	2950	1	PI88788	1	Rps3a	2	3	2	2	1	2	BUSH	M	P	GR	TN	BF
E	CP1621E	✓	ENLIST	1.6	2975	1	PI88788	3	Rps1k	2	3	1	3	1	3	BUSH	M/T	P	GR	TN	BF
E	CP1621WPE		ENLIST	1.6	2950	1	PI88788	2	Rps3a/1k	2	3	1	2	2	2	BUSH	M/T	P	GR	TN	BF
E	CP1821E	✓	ENLIST	1.8	3025	1	PI88788	2	Rps3a	1	3	1	3	1	3	BUSH	M	P	GR	TN	BF
E	CP1921E	✓	ENLIST	1.9	3050	1	PI88788	2	NG	2	3	2	2	1	2	BUSH	M/T	P	GR	BR	IB
E	CP1921WPE		ENLIST	1.9	3025	1	PI88788	2	Rps3a	1	3	2	2	1	1	BUSH	M/T	P	GR	TN/BR	BF/IB
E	CP1923X NEW		XTEND	1.9	3050	1	PI88788	2	Rps1c	2	2	2	N/A	1	1	BUSH	M	P	GR	BR	IB
E	CP2223E	✓	ENLIST	2.2	3125	2	PI88788	3	Rps1c	3	3	2	N/A	2	3	BUSH	M/T	P	TW	TN	BL
E	CP2322E	✓	ENLIST	2.3	3150	3	PI88788	2	Rps1c, H3a	3	3	3	3	2	2	BUSH	M/T	W	GR	TN	BF
E	CP2223WPE		ENLIST	2.2	3150	2	PI88788	2	Rps1c, H3a	3	3	2	3	2	2	BUSH	M/T	P/W	TW/GR	TN	BF/BL
E	CP2424XF NEW	✓	XTENDFLEX	2.4	3175	2	PI88788	3	Rps1c	2	3	N/A	N/A	2	2	BUSH	M/T	P	GR	BR	IB
E	CP2524XF NEW	✓	XTENDFLEX	2.5	3200	2	PI88788	2	Rps1c, H3a	2	4	N/A	N/A	1	4	BUSH	T	P	GR	BR	IB
E	CP2424WPXF NEW		XTENDFLEX	2.4	3175	2	PI88788	2	Rps1c, H3a	2	3	N/A	N/A	1	3	BUSH	M/T	P	GR	BR	IB
E	CP2624XF NEW		XTENDFLEX	2.6	3225	3	PI88788	2	Rps1c/3a	2	3	N/A	N/A	1	4	BUSH	M/T	P	LT	BR	BR
E	CP2724E* NEW		ENLIST	2.7	3250	3	PI88788	2	Rps1k	3	2	3	4	1	2	BUSH	M/T	P	GR	TN	IB

KEY

Scale

1 = Excellent
2 = Above average
3 = Average
4 = Below average
5 = Fair

SCN = Soybean cyst nematode
PRR = Phytophthora root rot
SDS = Sudden death syndrome
SWM = Soybean white mold
BSR = Brown stem rot

1 Herbicide Trait

ENLIST = Enlist E3
XTEND = Roundup Ready 2 Xtend*
XTENDFLEX = XtendFlex*

2 PRR Gene

Rps = Resistance to *Phytophthora sojae*
RpsH = Heterozygous segregating Rps occurrence
NG = No gene

3 Canopy Type

NAR = Narrow
INT = Intermediate
BUSH = Bushy

4 Plant Height

T = Tall
M = Medium
S = Short

5 Flower Colour

P = Purple
W = White

6 Pubescence Type

GR = Gray
TN = Tan
TW = Tawny
LT = Light tawny

7 Pod Colour

TN = Tan
BR = Brown
LB = Light brown

8 Hilum Colour

YE = Yellow/Clear
GR = Gray
BL = Black
IB = Imperfect black
BR = Brown
BF = Buff
TN = Tan

These ratings reflect trends observed in research trials that change with variations in rainfall, temperature, crop production patterns and other factors. Ratings on new soybean varieties are based on limited data and may change as more data is collected.

W = Western Hybrid | E = Eastern Hybrid

*Pending registration

SUNFLOWER



WinField United Canada is excited to offer a high-yielding, award-winning sunflower portfolio. We've carefully selected top yielding hybrids with early maturity and oil-premium potential. WinField United partners are ready to help you select the best sunflower seed genetics for your operation.

TARGET YOUR MARKETS AND HOLD NOTHING BACK

In the seed business, experience matters. Through extensive testing and screening with the Answer Plot program, we've brought some of the best sunflower seed genetics to Canada, giving you the best options for your operation.

The genetics we offer can help manage disease pressure in your fields, with hybrids that can be positioned based on specific field stresses. Plus, we've incorporated the latest traits in our portfolio, too. That's technology – and experience – you can count on.

A STRONG START FOR A STRONG FINISH

CROPLAN sunflower seed treatment provides the protection you need to get your crop off to a strong start.

NEXT-GENERATION SEED TREATMENT FOR DOWNY MILDEW PROTECTION

Plenaris® fungicide is the latest addition to CruiserMaxx® Sunflower, the most comprehensive seed treatment on the market. CruiserMaxx Sunflower with Plenaris provides multiple modes of action, delivering the most sustainable, best-performing downy mildew management program in the industry. It also provides the broadest disease and insect protection available to maximize the genetic potential of sunflowers.

PLENARIS BENEFITS

- Provides excellent protection against all downy mildew races
- Outstanding activity on susceptible and resistant sunflower varieties

Interested in cutworm and wireworm protection? Place your order early to request the addition of FORTENZA® seed treatment. Limited quantities available.

STAFF PICK

CP455E

WEST EAST



Jody Jury,
Market Development
Manager | Manitoba

From 2020-2023, CP455E has consistently led the pack in yield in Manitoba Provincial Sunflower Trials! Over the last four years, this sunflower was 118% of the leading industry check. If you haven't tried the CP455E sunflower, this is your time to get some; and with Fortenza on your seed, nothing will stop you this spring!

For more information on this product, visit page 75.

PEST MANAGEMENT

DISEASE CONTROL

Use Holdfast® with HiActivate® or MasterLock for consistent control of sunflower rust and suppression of sclerotinia.

TOP TIER PERFORMANCE

CROPLAN sunflowers have been a top performer in the Manitoba provincial trials since they were brought to our product lineup in 2021. Over the last three years, we've placed in the top three spots each year! With CP432E averaging 110% of the trial checks and CP455E averaging 119% - you can be confident in the yield of CROPLAN sunflowers!

WEED CONTROL

- Use pre-emergence herbicide treatments or preplant-incorporated herbicides to combat kochia and Russian thistle.
- The DuPont™ ExpressSun® trait is tolerant to Express® herbicide with Group 2 mode of action.
- Express herbicide can be applied from the 2-8 leaf stage, and may be applied a second time for later flushes if required.
- Add Marshall® Unpacked or Antler® 360 Unpacked to the tank mix for grassy weed control.
- Express herbicide when applied alone requires a non-ionic surfactant. Choose HiActivate at 0.2% v/v.

CROPLAN CP432E WEST EAST
Early Maturity

Characteristics	Fair	Excellent
Stalk Quality	5	5
Phomopsis	5	5
Oil Content	5	5
Drydown	5	5

- High yield potential for early maturity.
- Shorter plant height with great standability in higher populations; very uniform.
- DMR PI 8; resistant to all common races of downy mildew.
- Great for birdseed and dehull markets.
- Utilize higher populations if pushing yield goals higher; has also shown yield response to higher available nitrogen.

STAFF PICK CROPLAN CP455E WEST EAST
Mid Maturity

Characteristics	Fair	Excellent
Stalk Quality	5	5
Phomopsis	5	5
Oil Content	5	5
Drydown	5	5

- High oleic top performing sunflower with consistent plot wins.
- Widely adapted across regions and field conditions.
- Medium plant with excellent drydown.
- DMR PI 6; resistant to most common races of downy mildew.
- Good drought response along with sclerotinia tolerance for higher moisture years.

SUNFLOWER	Common Planting Seed Size	Downy Mildew Resistance	Maturity	High Oleic	NuSun®	Dehulling	Birdseed	Phomopsis	Sclerotinia	Plant Height	Yield	Oil Content	Oleic Content	Drydown	Root Strength	Stalk Quality	Drought Tolerance	Response-to Population [RTP]	Response-to Nitrogen [RTN]	Response-to Fungicide [RTF]
CP432E	2, 3, 4	E	PI 8	●	●	●	●	2	3	S	2	3	N/A	1	3	2	2	M	M	M
CP455E	2, 3, 4	M	PI 6	●	●	●	●	2	2	M	1	2	1	1	3	2	2	L	M	L


KEY

- Scale**
1 = Excellent
2 = Above average
3 = Average
4 = Below average
5 = Fair
- 1 Maturity**
L = Long
M = Mid
E = Early
- 2 Market Options**
Grain not guaranteed to be sold in your area.
Due to factors outside our control, WinField United does not guarantee oleic levels.
- 3 Plant Height**
T = Tall
M = Medium
S = Short
- 4 RTP/RTN/RTF Ratings**
L = Low response
M = Moderate response
H = High response
TBD = To be tested in 2025.


GROWING A SUSTAINABLE FUTURE

DIGGING INTO OUR SUSTAINABILITY ACTIVITIES

At WinField United Canada, our partners and farm customers have always been at the forefront of change in agriculture, adopting new practices and taking care of the land. This means sustainability is nothing new to us; we continue to support independent ag retailers and communities in embracing opportunities in this evolving space.



SOIL MANAGEMENT
We can help you understand regional soil differences, the benefits of 4R nutrient stewardship, and how to evaluate biological, chemical and physical soil properties.



DATA READINESS
Through WinField United, you have access to a range of tools to collect relevant data and understand sustainability indicators at a farm and field level.



CONSERVATION AGRONOMY
We're focused on understanding how biological products, regenerative agriculture principles and non-productive land management can be used to build resilient and productive acres.

Agriculture has always been about continuous improvement. As technology and knowledge evolves, so do our practices.



QUESTIONS?

Morgan Sather | Sustainability Manager | msather@landolakes.com
Sarah Anderson | Sustainability Agronomist | sanderson04@landolakes.com

WHAT ARE WE DOING TO HELP GROW A SUSTAINABLE FUTURE?

 **EDUCATION & RESOURCES**

- Field School
- Answer Plot
- Agronomy Academy Conference

 **PARTNER ENGAGEMENTS**

- Agronomy Steering Committee
- Ongoing Supplier Dialogue
- Industry Involvement

 **TOOLS & REPORTING**

- Soil Health Toolkit
- Supplier Tools and Support

Sustainable agriculture is where good agronomy meets good stewardship, building on what previous generations have done to ensure that we are meeting the needs of today while setting up future generations for success.



FIND YOUR CROPLAN DISTRIBUTION PARTNER


Make better decisions for your operation all season long with the help of your local CROPLAN distribution partner. They combine powerful data, localized insights and unprecedented experience to help you win in the field.



YOUR LOCAL CROPLAN DISTRIBUTION PARTNER CAN HELP:

- Give you direct access to the latest CROPLAN seed line ups
- Determine the best hybrid or variety for your location and conditions
- Offer personalized support based on the unique challenges facing your region
- Share agronomic insights developed through our state of the art research and field trials programs

FIND THE PARTNER NEAREST YOU



Use smartphone camera to scan code



NOTES:

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Enlist E3® soybeans contain the Enlist E3 trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist® crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist E3 soybeans. WARNING: Enlist E3 soybeans are tolerant of over-the top applications of glyphosate, glufosinate, and 2,4-D. Accidental application of incompatible herbicides to this variety could result in total crop loss. When using 2,4-D herbicides, grower agrees to only use 2,4-D products that contain Colex-D technology authorized for use in conjunction with Enlist E3 soybeans. Always read and follow herbicide label directions prior to use.

To plant this seed, a Grower must sign a Technology Use Agreement, read the Product Use Guide prior to planting. This seed is acquired under an agreement that includes the following terms: These seeds are covered under Dow AgroSciences and MS Technologies Patent Rights which can be found at: www.corteva.ca/en/trait-stewardship.html. 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 Canada under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed.

A license must first be obtained from Dow AgroSciences by signing a Technology Use Agreement and abiding by the terms and conditions of the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use Requirements detailed therein which can be found at www.corteva.ca/en/trait-stewardship.html. The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Dow AgroSciences LLC and M.S. Technologies, L.L.C.™ Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of Dow AgroSciences LLC.

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Services and products offered by The Climate Corporation are subject to the customer agreeing to our Terms of Service. Our services provide estimates or recommendations based on models. These do not guarantee results. Before making financial, risk management and farming decisions, agronomists, commodities brokers and other service professionals should be consulted. More information at <https://climatefieldview.ca/legal/disclaimer>. FieldView™ is a registered trademark of The Climate Corporation. Used under license.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of violation of federal law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with products with Roundup Ready 2 Xtend® soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED AND APPROVED FOR SUCH USES. Contact the Pest Management Regulatory Agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

Roundup Ready® Technology contains genes that confer tolerance to glyphosate. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-800-667-4944 for recommended Roundup Ready® Xtend Crop System weed control programs.

Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup®, SmartStax®, Trecepta®, TruFlex®, VT Double PRO® and XtendFlex® are registered trademarks of Bayer Group. Used under license. Liberty®, LibertyLink® and LibertyLink logo® are registered trademarks of BASF. Used under license. Agrisure Viptera® is a registered trademark of a Syngenta group company. Used under license. LibertyLink® and the LibertyLink® logo are registered trademarks of BASF. Used under license. Herculex® is a registered trademark of Dow AgroSciences LLC. Used under license. Bayer CropScience Inc. is a member of CropLife Canada.



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





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