WinField® United

PRODUCT GUIDE

2024

CROPLAN®

By WinField United

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WinFieldUnitedCanada

WinFieldUnitedCanada

@winfieldunitedcanada

WINFIELDUNITED.CA

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 Canada also undertakes two major community initiatives each year.

JOURNEY 5km By WINFIELD UNITED

The Journey 5km by WinField United Canada 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 by WinField United

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

2023 WE'VE GOT A LOT GOING ON.

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

ANSWER PLOT® LEARNING SITE

Hands-on learning showcase with the latest innovations in canola hybrids, and new crop protection products and practices, **located east of Saskatoon, SK.**

PROVINCIAL TRIALS

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

WESTERN CANADIAN CROPLAN RESEARCH SITES

Roland MB
Westlock AB
Avonlea SK
Lethbridge AB

EASTERN CANADIAN CROPLAN RESEARCH SITES

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

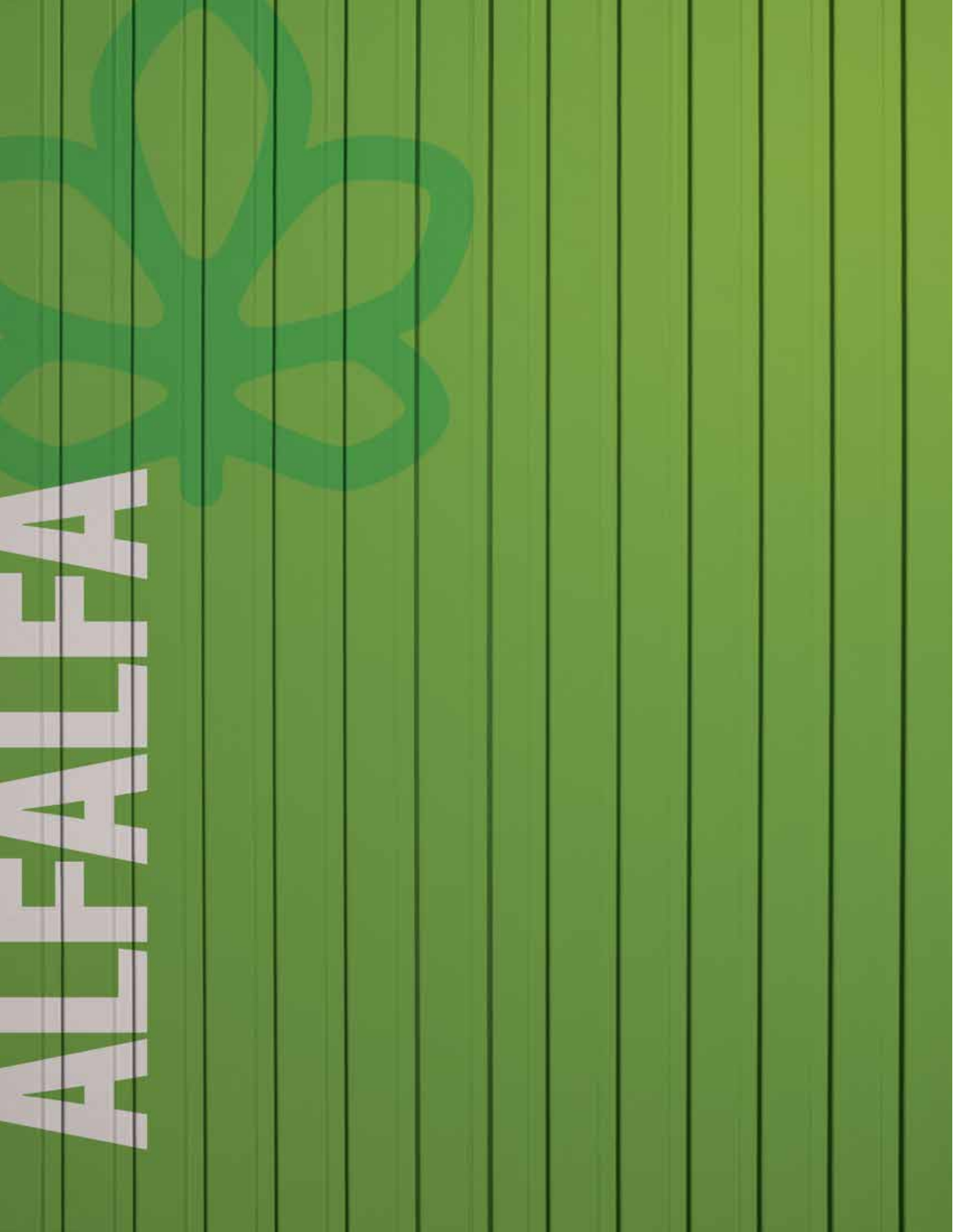
1,500 FARMER FIELD TRIAL DATA POINTS BEING COLLECTED THIS YEAR

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

CROPLAN® By WinField United



CROPLAN®
By WinField United

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.

TRAIT SELECTION

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

HARVXTRA ALFALFA

WEST EAST

- The most advanced alfalfa today.
- Modifies lignin content beyond what is possible with conventional breeding.
- Maintain your current harvest schedule for improved quality or delay harvest for greater yield potential – the choice is yours.
- Includes Roundup Ready® Technology for improved weed control and excellent crop safety.
- Available in Eastern Canada only.

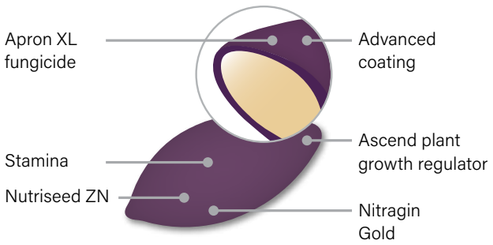
CONVENTIONAL ALFALFA

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.

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

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

STAFF PICK

LEGENDAIRY AA

WEST EAST

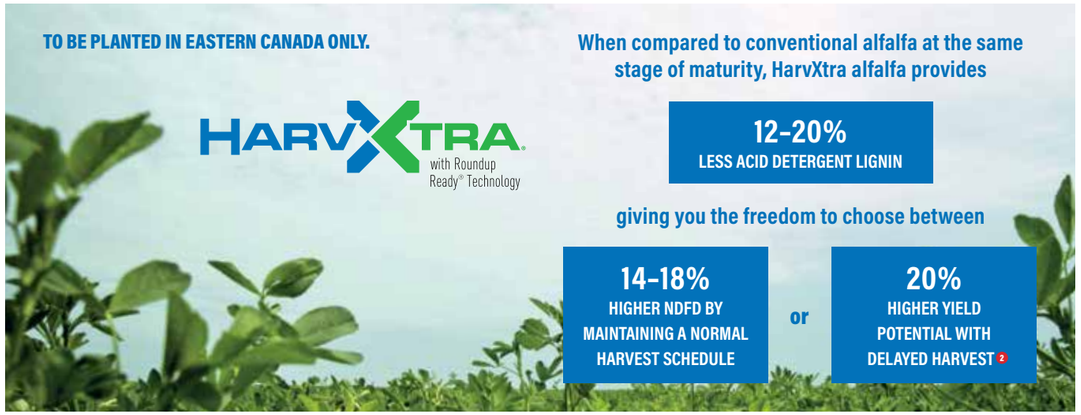
This alfalfa is suited for both haylage and dry hay. Its second-to-none disease resistance and excellent winterhardiness really protect your investment.

For more information on this product, visit page 17.

Ryan Hargreaves,
Seeds Sales Manager
Ontario

HARVXTRA ALFALFA CHANGES THE GAME[1]

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.



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.

FORAGE QUALITY ADVANTAGE

- 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.

HARVEST FLEXIBILITY

- 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.

DELAYED HARVEST

- 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.

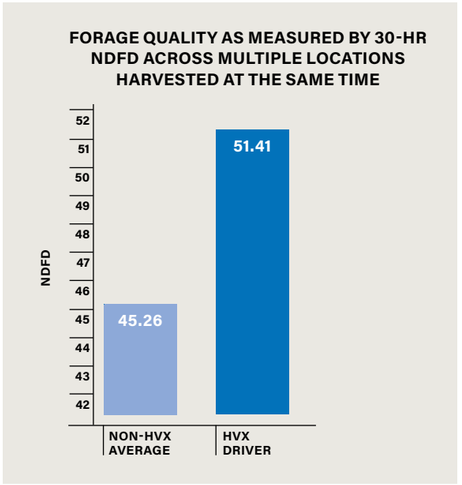
Use Limitations for HarvXtra® Alfalfa with Roundup Ready® Technology. HarvXtra® Alfalfa with Roundup Ready® Technology hay or hay products must be directed only to Canadian or U.S. domestic uses. It is a violation of national and international law to move material containing biotech traits across boundaries 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.

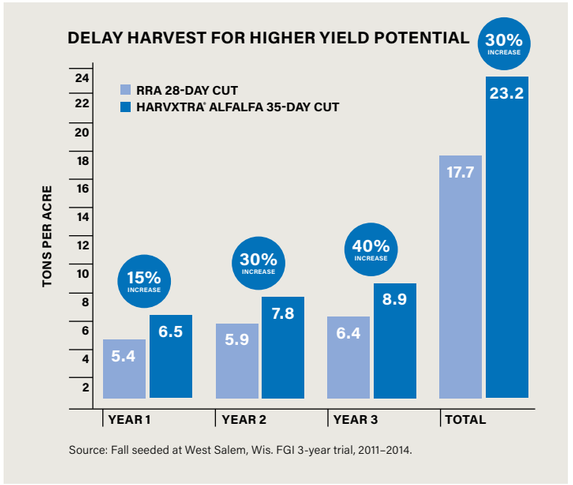
ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® Technology contains genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate.

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.

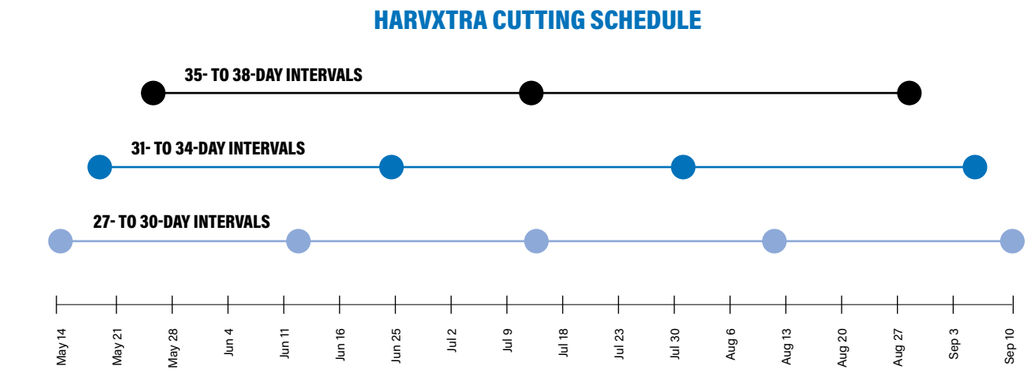




Source: Fall seeded at West Salem, Wis. FGI 3-year trial, 2011–2014.

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

HVX MEGATRON

WEST EAST

Fall Dormancy: **4.2**
Winterhardiness: **1.7**

HARVXTRA with Roundup Ready® Technology

Characteristics

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

- 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

STAFF PICK

LEGENDAIRY AA

WEST EAST

Fall Dormancy: **3.4**
Winterhardiness: **1.1**

Characteristics

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

- 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 winterhardiness; 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

NEW

REBOUND AA

WEST EAST

Fall Dormancy: **4.4**
Winterhardiness: **1.7**

Characteristics

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

- Packs a punch with the new AA disease resistance package, providing exceptional yield potential. NEW to the CROPLAN lineup, **Rebound AA replaces Rebound 6XT**.
- 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.
- *Pending registration.*

HARVXTRA WITH ROUNDUP READY TECHNOLOGY

	Fall Dormancy	Winterhardiness (1)	Yield Index	Persistence Index	Feed Quality Index (3)	Grazing Tolerance	Baled Hay (Drydown)	Haylage (Regrowth)	Phytophthora Root Rot	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	1	4	2	1	HR	HR+	HR+	HR+	HR	HR+	HR	HR	R	R	G

CONVENTIONAL ALFALFA

	Fall Dormancy	Winterhardiness (1)	Yield Index	Persistence Index	Feed Quality Index (3)	Grazing Tolerance	Baled Hay (Drydown)	Haylage (Regrowth)	Phytophthora Root Rot	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	R	HR	G
REBOUND AA NEW	4.4	1.7	1	1	2	4	2	1	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

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

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 Winterhardiness
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

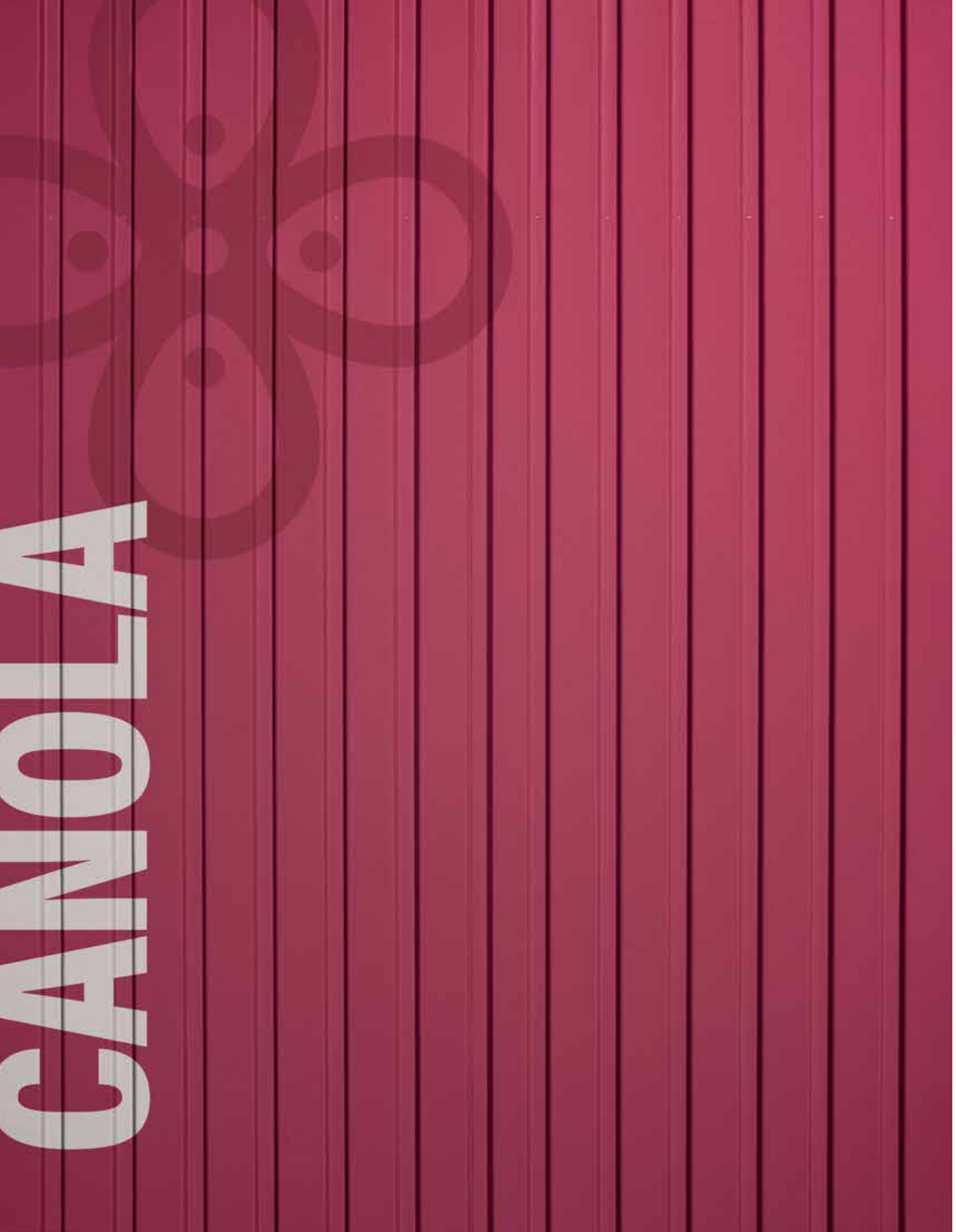
Note: Field tests are currently being used to select and validate true salt-tolerant varieties. Many soils that are high in salinity also have other problematic conditions. Therefore, germination and forage salt-tolerant ratings may not predict field performance.

COVERING YOUR AA

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

WHY DISEASE RESISTANCE MATTERS → **STRONGER SEEDLINGS** → **HEALTHIER ROOTS** → **BIGGER PLANTS** → **HIGHER YIELD AND FEED QUALITY POTENTIAL** → **INCREASED STAND PERSISTENCE** → **INCREASED NET RETURN PER ACRE**

CROPLAN AA Alfalfa Lineup
Use smartphone camera to scan code



CROPLAN®
By WinField United

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 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.

HOW TO MEASURE POD INTEGRITY WITH WINFIELD UNITED CANADA

Featuring
Martin Carr,
Agronomy Manager

One of the annual trials at WinField United Canada's Answer Plot focuses on evaluating pod shatter performance of CROPLAN canola and our experimental hybrids in comparison to two check varieties that have established ratings on the Canola Council of Canada's (CCC) canola shatter rating scale.

Martin Carr, Agronomy Manager with WinField United Canada, explains, "while we rank our hybrids based on the Canola Council's rating scale, we also take the extra step of differentiating between yield losses caused by pod drop versus pod shatter." Gaining these insights allows growers to make informed decisions to minimize yield losses.

Harvest trays are placed in the trial to capture both pod drop and pod shatter from each replicated product. By positioning the trays before the canopy closes, and leaving the trays until after harvest, losses due to environmental conditions, maturity and harvest are all captured. This comprehensive approach ensures that we account for all sources of yield loss.

The trial is desiccated with diquat when the latest maturing variety reaches 100% seed colour change, with 90% of the seeds fully turned brown. Following the application, the trial is left standing for six to eight weeks to give a genuine test of the genetics.

"Sometimes people wonder why we leave this trial so late; this is to reflect the worst case scenario where harvest has been delayed well into the fall," said Carr. "What's really fun with this trial is that sometimes you'll get a snowfall or a strong wind; extreme weather events that truly induce shatter and put the genetics to the test."

To differentiate between pod drop and pod shatter, we analyze the contents of the harvest pan. Seeds in the pan indicate shatter, while whole pods found in the pan represent pod drop. The individual pods and seeds are hand-harvested and weighed separately and used to calculate the shatter score.

The pod shatter trials conducted at Answer Plot provide valuable data on hybrid performance, helping us understand the impact of genetics and environmental factors on pod integrity. Our comprehensive evaluation process provides a shatter score for each CROPLAN hybrid to ensure farmers can make data-proven decisions so you can confidently choose the CROPLAN hybrid that best fits your operation.

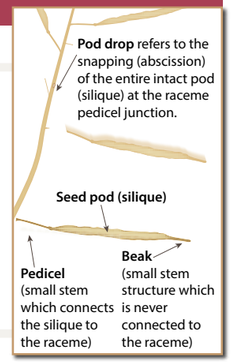
WHAT IS POD DROP AND POD SHATTER?

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:

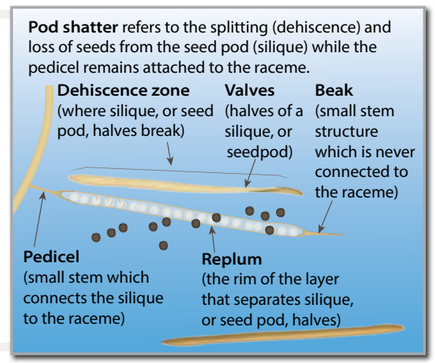
- Environmental conditions
- Poor pod retention qualities
- Plant health



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
- Strong winds
- Heavy rain
- Snow or frost



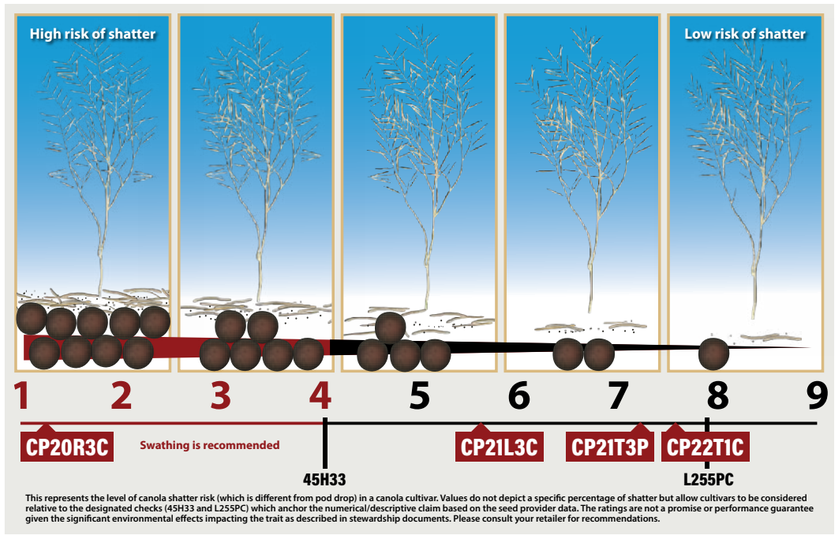


IMAGE CREDITS – CANOLA COUNCIL OF CANADA

CHECK IT OUT

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

TRUFLEX

TruFlex™ CANOLA

CP22T1C
Canola

TruFlex™ CANOLA SC

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.

CP21T3P
Canola

TruFlex™ CANOLA SC

Characteristics

	Fair → Excellent
Yield	■■■■■
Clubroot Resistance	N/A
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®

STAFF PICK

CP21L3C
Canola

LIBERTY LINK®

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.

For best results when spraying Justice herbicide, use Crimson® NG water conditioner.

TRUFLEX™ CANOLA	Type	Maturity ①	Height ②	Resistance Rating ③	Resistance Group	Major Gene ID	Resistance Rating ④	Resistant to Pathotypes	Vigour	Standability	Pod Integrity
				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	2
CP21T3P	HYBRID	M	M	R	1	AG	LepR3, RlmS	S	N/A	N/A	1	2	1

LIBERTY -LINK® CANOLA	Type	Maturity ①	Height ②	Resistance Rating ③	Resistance Group	Major Gene ID	Resistance Rating ④	Resistant to Pathotypes	Vigour	Standability	Pod Integrity
				Blackleg				Clubroot			
CP21L3C	HYBRID	M	M-T	R	2	–	–	R	2	2F, 3H, 5I, 5L, 6M, 8N	1	1	3

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)

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.

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

STAFF PICK

CP21L3C

WEST EAST

In a 2022 trial in Warner, AB we saw CP21L3C deliver 55 bu/acre, leading the field for glufosinate hybrids in the trial. Strong yielder, good stander and well-rounded disease package.

Martin Carr,
Agronomy Manager
Western Canada

Helix® Saltro®

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.

Fortenza® Advanced

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

ADVERTISEMENT

ADVERTISEMENT

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.

RECOMMENDED PRODUCT:

FEATURES: _____ PARTNERS (SEED OR CP): _____

NOTES: _____

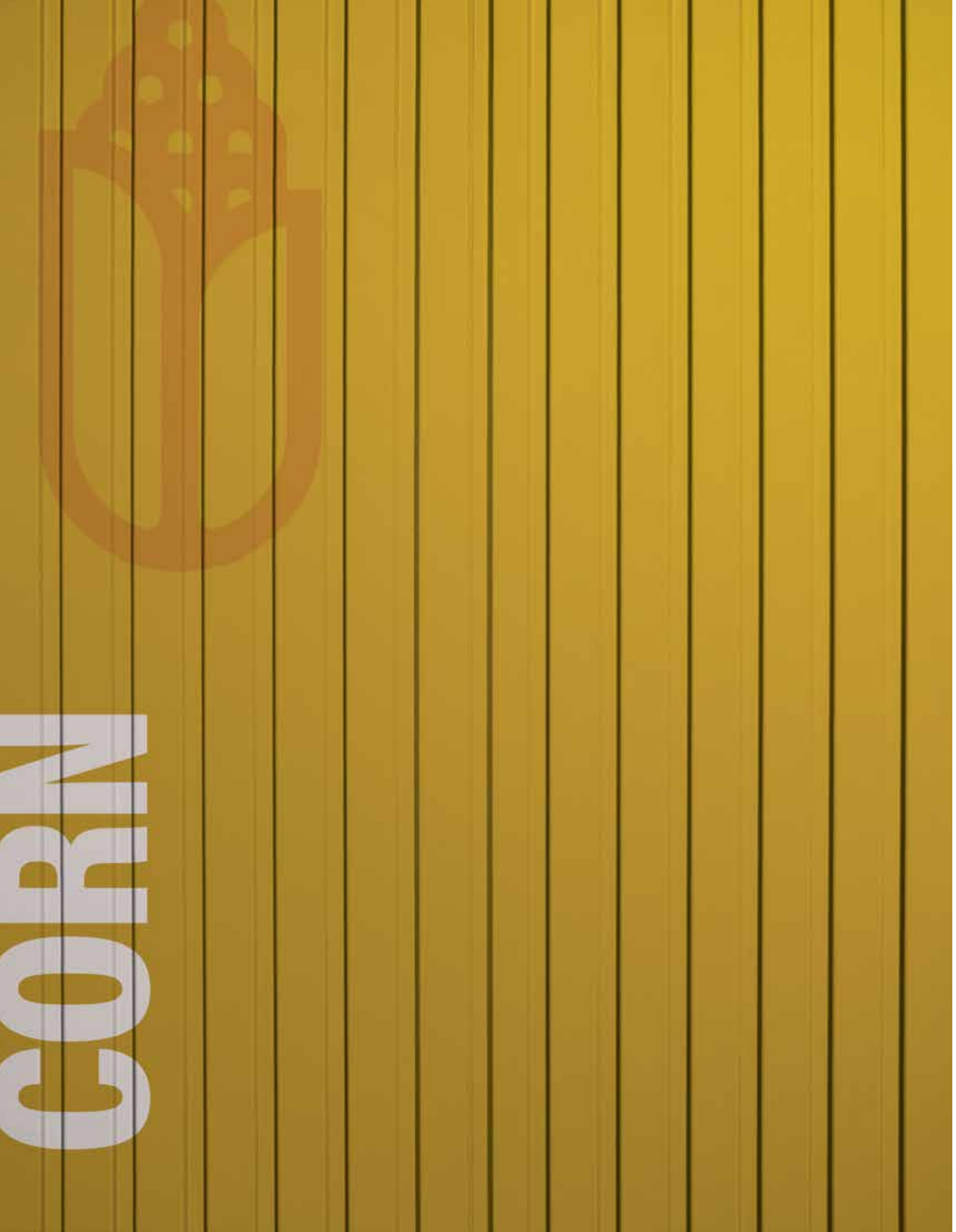
RECOMMENDED PRODUCT:

FEATURES: _____ PARTNERS (SEED OR CP): _____

RECOMMENDED PRODUCT:

FEATURES: _____ PARTNERS (SEED OR CP): _____

NOTES: _____



CROPLAN®
By WinField United

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.

30 Zinc
Zn
EXCLUSIVELY BY
CROPLAN
By WinField United

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

WEST EAST

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

For more information on this product, visit page 38.

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.

	HYBRID	RM	RTP	RTN	RTF
W	CP1440VT2P/RIB*	76	Mod	Mod	Mod
W	CP2123VT2P/RIB*	79	High	Mod	Mod
W	CP2180VT2P/RIB*	81	Mod	Mod	Mod
W	CP2288VT2P/RIB*	82	High	High	Mod
W	CP2315VT2P/RIB*	83	Mod	High	Mod
W	CP2585VT2P/RIB*	85	Mod	High	Mod
W	CP2587VT2P/RIB*	85	High	Low	High
W	CP2790CONV	87	Low	High	High
W	CP2790VT2P/RIB*	87	Low	High	High
W	CP2845VT2P/RIB*	88	High	High	High
	CP2851VT2P/RIB*	88	Mod	Mod	Mod
	CP2965VT2P/RIB*	88	Mod	High	High
	CP2972SS/RIB*	89	Mod	High	Mod
	CP3166CONV	89	High	Mod	Mod
	CP3166VT2P/RIB*	91	High	Mod	Mod
	CP3314VT2P/RIB*	91	Mod	Low	Mod
	CP3341SS/RIB*	93	Mod	Mod	Low

HYBRID	RM	RTP	RTN	RTF
CP3490VT2P/RIB*	93	Mod	Mod	High
CP3575CONV	94	High	High	Mod
CP3575VT2P/RIB*	95	High	High	Mod
CP3575SS/RIB*	95	High	High	Mod
CP3715SSPRO/RIB* NEW	97	Mod	Mod	Mod
CP3720TRE/RIB*	97	Mod	High	Mod
CP3735VT2P/RIB*	97	Mod	High	High
CP3823SS/RIB*	98	Mod	TBD	TBD
CP3909VT2P/RIB*	99	Mod	Mod	High
CP3980VT2P/RIB*	99	Mod	Mod	High
CP4188CONV	101	Mod	Mod	Mod
CP4188VT2P/RIB*	101	Mod	Mod	Mod
CP4188SS/RIB*	101	Mod	Mod	Mod
CP4265VT2P/RIB*	102	Mod	Low	Mod
CP4516TRE/RIB* NEW	105	Mod	Mod	High
CP4676SS/RIB*	106	Mod	High	Mod
CP4757VT2P/RIB*	107	Mod	Mod	Mod

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

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.

WinField United

PLANT POPULATION

RESPONSE-TO POPULATION RANGE:
0.15 TO 20.3 BUSHELS[1]

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.

HIGH RTP SCORE

- Hybrid shows a potential yield gain with increasing populations
- Can be fixed-ear type hybrid
- Good plant integrity
- Strong pollinators, strong 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

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

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

NITROGEN MANAGEMENT

MANAGE ACCORDING TO RTN RATING:
26.1 BU/AC AVERAGE YIELD ADVANTAGE[1]

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.

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 Canada representative for more information.

HIGH RTN SCORE

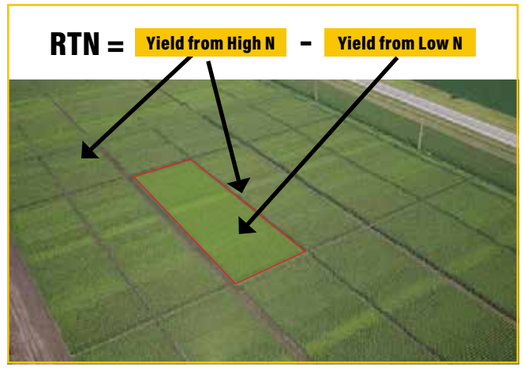
- Respond to aggressive N rates
- Placed in fields with history of manure
- Good fit for a legume rotation

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



[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.

STAFF PICK

CP1440VT2P

WEST | EAST

1440 has been a consistent performer the last three 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[1]

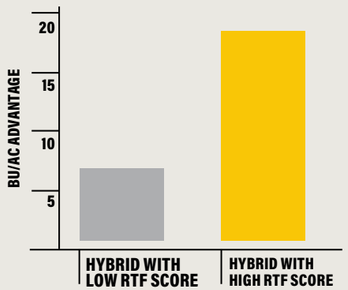
HYBRID PERFORMANCE AND FUNGICIDE APPLICATION

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 the proven drift reduction of InterLock 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 2 Corn	Roundup Ready® Corn 2; RR2	RR	Roundup Ready® Corn 2
VT Double PRO RIB Complete	VT Double PRO® RIB Complete® Corn Blend	VT2P/RIB	5% RIB, YieldGard VT PRO® Corn Borer Protection, Roundup Ready® 2 Technology
SmartStax RIB Complete	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	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	Trecepta® RIB Complete® Corn Blend	TRE/RIB	5% RIB, Trecepta® Technology contains Cry1A.105, Cry2Ab2 and Vip3Aa20 from Bt. Roundup Ready® 2 Technology

STAFF PICK

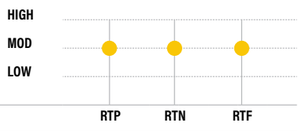
CP1440VT2P/RIB*

WEST EAST

76 Day
2100 CHU

VT DoublePRO RIB COMPLETE

Response-to Scores (bu/ac)



Characteristics

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

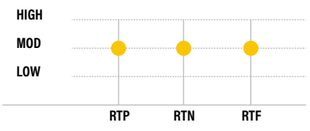
CP2180VT2P/RIB*

WEST EAST

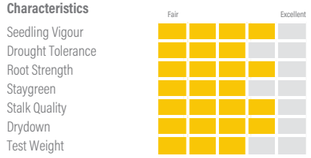
81 Day
2375 CHU

VT DoublePRO RIB COMPLETE

Response-to Scores (bu/ac)



Characteristics



- 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.

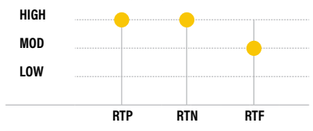
CP2288VT2P/RIB*

WEST EAST

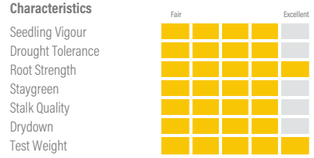
82 Day
2450 CHU

VT DoublePRO RIB COMPLETE

Response-to Scores (bu/ac)



Characteristics



- 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.

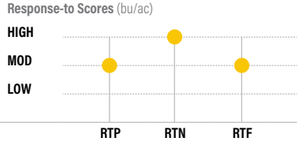
CP2315VT2P/RIB*

WEST EAST

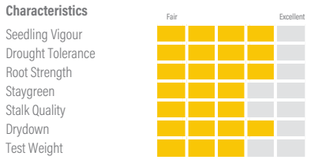
83 Day
2500 CHU

VT DoublePRO RIB COMPLETE

Response-to Scores (bu/ac)



Characteristics



- Attractive yield potential with girthy semi-flex ear.
- Solid agronomics with strong defensive characteristics.
- Manage with populations and fungicide application.
- Flowers early for RM, keep in zone.

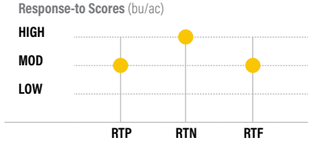
CP2585VT2P/RIB*

WEST EAST

85 Day
2625 CHU

VT DoublePRO RIB COMPLETE

Response-to Scores (bu/ac)



Characteristics

- 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.

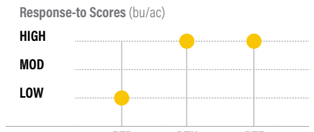
CP2790VT2P/RIB*

WEST EAST

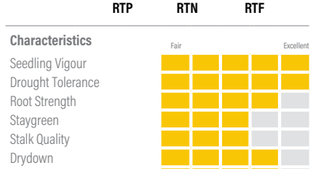
87 Day
CONV: 2625 CHU
VT2P: 2650 CHU

CONVENTIONAL VT DoublePRO RIB COMPLETE

Response-to Scores (bu/ac)



Characteristics



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

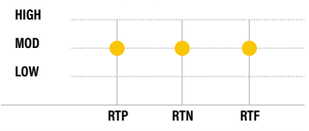
CP2851VT2P/RIB*

WEST EAST

88 Day
2675 CHU

VT DoublePRO RIB COMPLETE

Response-to Scores (bu/ac)



Characteristics

- 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.

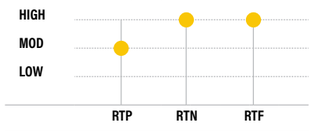
CP2965VT2P/RIB*

WEST EAST

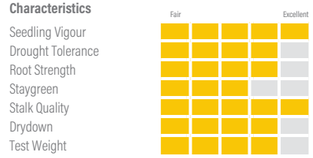
89 Day
2700 CHU

VT DoublePRO RIB COMPLETE

Response-to Scores (bu/ac)



Characteristics



- 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.

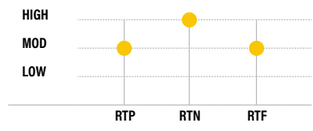
CP2972SS/RIB*

WEST EAST

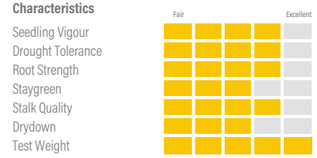
89 Day
2725 CHU

SmartStax RIB COMPLETE

Response-to Scores (bu/ac)



Characteristics



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

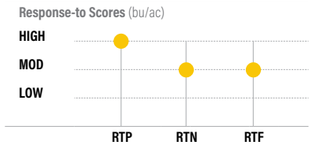
CP3166VT2P/RIB*

WEST EAST

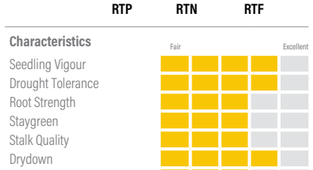
91 Day
CONV: 2700 CHU
VT2P: 2725 CHU

CONVENTIONAL VT DoublePRO RIB COMPLETE

Response-to Scores (bu/ac)



Characteristics



- 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.

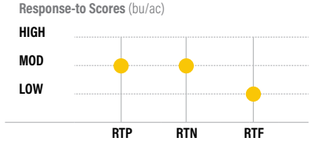
CP3341SS/RIB*

WEST EAST

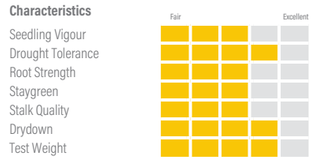
93 Day
2800 CHU

SmartStax RIB COMPLETE

Response-to Scores (bu/ac)



Characteristics



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

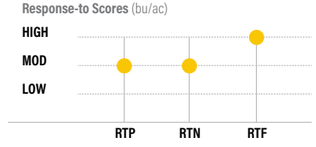
CP3490VT2P/RIB*

WEST EAST

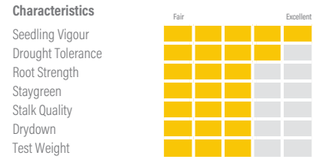
94 Day
2850 CHU

VT DoublePRO RIB COMPLETE

Response-to Scores (bu/ac)



Characteristics



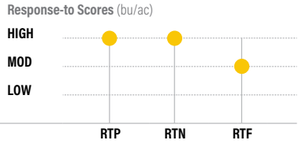
- High-yield potential hybrid with versatility.
- Strong drought tolerance allows placement on drier acres.
- Excellent emergence allows for early-plant option.
- Acceptable drydown.

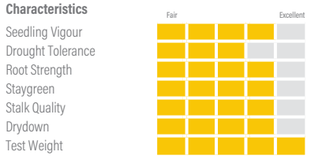
CP3575SS/RIB*

WEST EAST

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

CONVENTIONAL | VT DoublePRO RIB COMPLETE | SmartStax RIB COMPLETE





- 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.

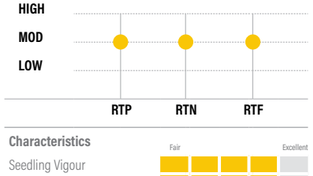
NEW

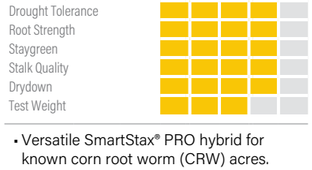
CP3715SSPRO/RIB*

WEST EAST

97 Day
2975 CHU

SmartStax PRO RNAi TECHNOLOGY





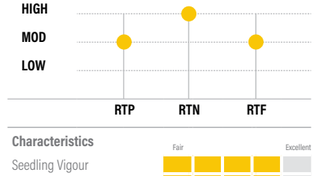
- Versatile SmartStax® PRO hybrid for known corn root worm (CRW) acres.
- Strong stress tolerance and solid agronomics.
- Good ear flex with good drought stress for medium plant populations.
- Good emergence and early season vigour for cool planting conditions.

CP3720TRE/RIB*

WEST EAST

97 Day
2900 CHU

Trecepta RIB COMPLETE CORN



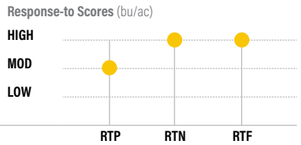
- Early flower with good drydown.
- Semi-flex ear that allows lower densities; but responds when pushed in populations.
- Good stalks and roots.
- Trecepta® trait for added western bean cutworm control.

CP3735VT2P/RIB*

WEST EAST

97 Day
2900 CHU

VT DoublePRO RIB COMPLETE



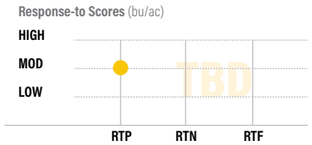
- Excellent test weight and emergence with solid defensive traits.
- Versatile hybrid for all yield environments.
- Plant at moderate to high densities; fungicide application is recommended.
- Keep in relative maturity zone.

CP3823SS/RIB*

WEST EAST

98 Day
2925 CHU

SmartStax RIB COMPLETE



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

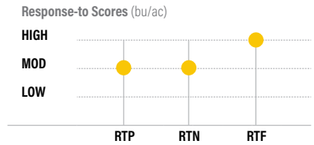
STAFF PICK

CP3980VT2P/RIB*

WEST EAST

99 Day
2950 CHU

VT DoublePRO RIB COMPLETE



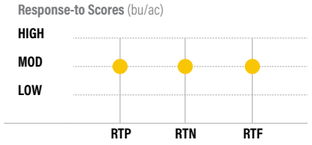
- High-yield potential hybrid that works across many acres.
- Moderate management allows for versatile placement.
- Acceptable stalks; can benefit from a fungicide application.
- Use caution when applying growth regulator chemistries.

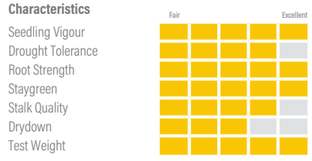
CP4188SS/RIB*

WEST EAST

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

CONVENTIONAL | VT DoublePRO RIB COMPLETE | SmartStax RIB COMPLETE





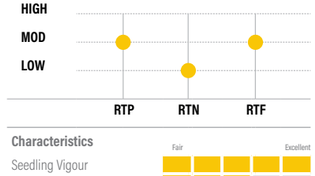
- Attractive plant type with solid agronomic package.
- Semi-flex ear that allows lower densities; but responds when pushed in populations.
- Handles tough, variable and ideal yield environments.

CP4265VT2P/RIB*

WEST EAST

102 Day
3050 CHU

VT DoublePRO RIB COMPLETE



- Strong emergence and excellent early plant vigour for reduced tillage systems.
- Excellent roots with solid stalks.
- More fixed ear; keep at moderate to high populations.
- Position in average to productive acres; dual purpose potential.

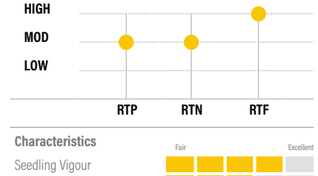
NEW

CP4516TRE/RIB*

WEST EAST

105 Day
3150 CHU

Trecepta RIB COMPLETE CORN



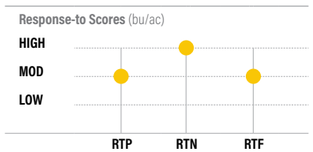
- Hybrid that will find best performance on medium to highly productive acres.
- Strong roots and test weight.
- High response to intensive management; can also handle average acres.
- Rapid drydown with good late season plant health.

CP4676SS/RIB*

WEST EAST

106 Day
3175 CHU

SmartStax RIB COMPLETE



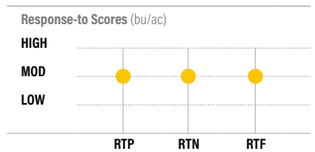
- Versatile hybrid, position and manage for high yield.
- Medium height hybrid with excellent emergence, seedling vigour and test weight.
- Position at medium populations and manage nitrogen for high yield potential.
- Fungicide application recommended in gray leaf spot (GLS) prone areas.

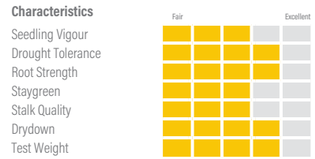
CP4757VT2P/RIB*

WEST EAST

107 Day
3200 CHU

VT DoublePRO RIB COMPLETE





- 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.

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.

	BRAND	Relative Maturity	CHU	Response-to Population (RTP) 1	Response-to Nitrogen (RTN) 1	Response-to Fungicide (RTF) 1	Plant Height 2	Ear Height 3	Cob Colour	Ear Flex 4	Flower Date 5	Kernel Rows	Seedling Vigour	Stalk Quality	Root Strength	Staygreen 6	Drydown	Drought Tolerance	Test Weight	Gray Leaf Spot	NCLB	Common Rust	Goss's Wilt	Anthracnose Stalk Rot
W	CP1440VT2P/RIB*	76	2100	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	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	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	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	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	4
	CF255VT2P/RIB*	83	2600	-	-	-	M-S	M	RED	SF	E	16-18	2	2	2	3	1	2	2	2	2	N/A	N/A	3
W	CP2585VT2P/RIB*	85	2625	M	H	M	M	M	RED	SF	M	16-18	2	3	3	3	3	3	3	3	3	N/A	3	3
W	CP2587VT2P/RIB*	85	2625	H	L	H	M-T	M	RED	SF	M	16-18	3	3	2	2	2	3	2	4	3	3	3	3
W	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	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
W	CP2845VT2P/RIB*	88	2675	H	H	H	M-T	M	RED	SF	E	16-18	1	2	1	3	1	1	3	N/A	3	3	4	4
	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
	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
	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
	CF398VT2P/RIB*	89	2725	-	-	-	M	M	RED	SF	M	16-18	2	1	1	2	2	2	2	2	2	N/A	N/A	3
	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
	CP3166VT2P/RIB*	91	2725	H	M	M	M	M	RED	SF	E	16-18	2	3	3	3	2	2	3	3	3	N/A	3	2
	CP3314VT2P/RIB*	93	2750	M	L	M	M	M	RED	FL	M	16-18	2	2	2	2	2	2	2	3	3	3	4	N/A

BRAND	Relative Maturity	CHU	Response-to Population (RTP) 1	Response-to Nitrogen (RTN) 1	Response-to Fungicide (RTF) 1	Plant Height 2	Ear Height 3	Cob Colour	Ear Flex 4	Flower Date 5	Kernel Rows	Seedling Vigour	Stalk Quality	Root Strength	Staygreen 6	Drydown	Drought Tolerance	Test Weight	Gray Leaf Spot	NCLB	Common Rust	Goss's Wilt	Anthracnose Stalk Rot
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
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
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
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
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
CP3715SSPRO/RIB* NEW	97	2975	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
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
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
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
CP3909VT2P/RIB*	99	2925	M	M	H	M	M	RED	SF	E	16-18	2	2	2	3	1	2	3	3	3	1	4	N/A
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
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
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
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
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
CP4516TRE/RIB* NEW	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
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
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	3

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.

1 RTP/RTN/RTF Ratings
L = Low response
M = Moderate response
H = High response
TBD = To be tested in 2024.

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.

Respect 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.

W **Western Hybrid**

RECOMMENDED PRODUCT:

FEATURES: _____ **PARTNERS (SEED OR CP):** _____

RECOMMENDED PRODUCT:

FEATURES: _____ **PARTNERS (SEED OR CP):** _____

NOTES: _____

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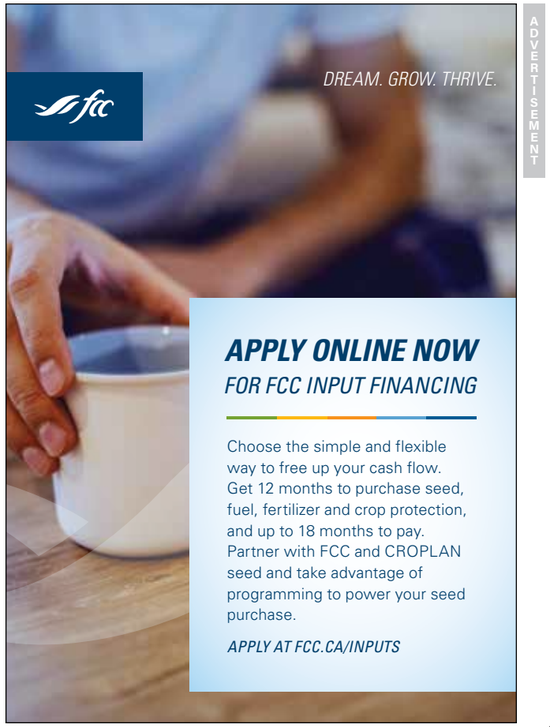

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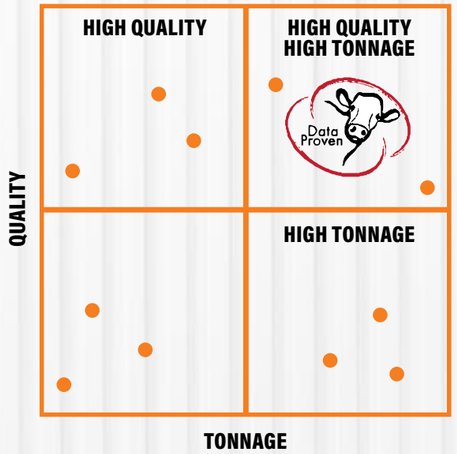
CROPLAN®
By WINFIELD UNITED

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.

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 Canada representative can help to position each hybrid for optimal performance based on multiple variables.

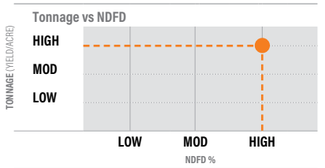
CROPLAN

CP1440VT2P/RIB*

WEST EAST

Dual-Purpose 76 Day
1950 Silage CHU

VTDoublePRO RIB COMPLETE



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

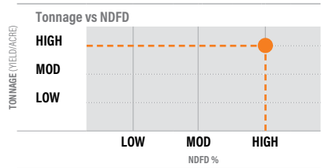
CROPLAN

CP2288VT2P/RIB*

WEST EAST

Dual-Purpose 82 Day
2300 Silage CHU

VTDoublePRO RIB COMPLETE



- 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.

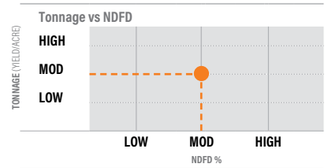
CROPLAN

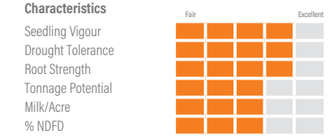
CP2315VT2P/RIB*

WEST EAST

Dual-Purpose 83 Day
2350 Silage CHU

VTDoublePRO RIB COMPLETE





- Excellent emergence and seedling vigour.
- Works well across most environments.
- Strong stalk quality and root strength.
- Healthy, versatile, high tonnage dual-purpose hybrid.

STAFF PICK

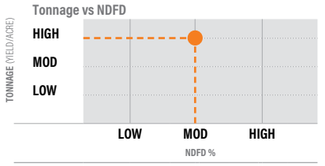
CROPLAN

CP2790VT2P/RIB*

WEST EAST

Dual-Purpose 87 Day
CONV: 2475 Silage CHU
VT2P: 2500 Silage CHU

CONVENTIONAL VTDoublePRO RIB COMPLETE



- Excellent on low to medium yield environments.
- Flex ear for lower planting populations.
- Excellent vigour for early planting.
- Above average drought tolerance.

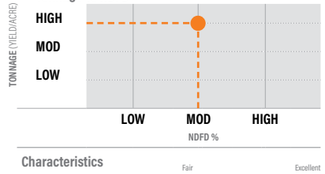
CROPLAN

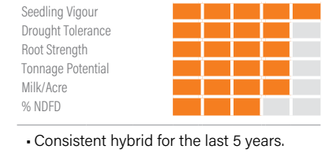
CP2965VT2P/RIB*

WEST EAST

Dual-Purpose 89 Day
2550 Silage CHU

VTDoublePRO RIB COMPLETE





- 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.

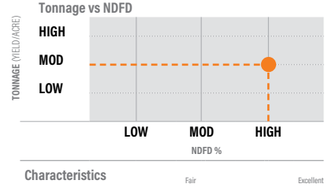
CROPLAN

CP3575SS/RIB*

WEST EAST

Dual-Purpose 95 Day
CONV: 2650 Silage CHU
VT2P: 2675 Silage CHU
SS: 2700 Silage CHU

CONVENTIONAL VTDoublePRO RIB COMPLETE SmartStax RIB COMPLETE



- 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.
- Low response-to fungicide; may respond in heavy gray leaf spot situations.

NEW

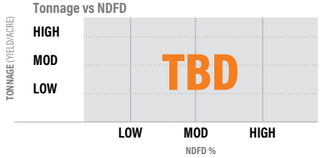
CP3720TRE

CROPLAN by WINFIELD UNITED

WEST EAST

Dual-Purpose 97 Day
2750 Silage CHU

Trecepta RIB COMPLETE CORN



- 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.

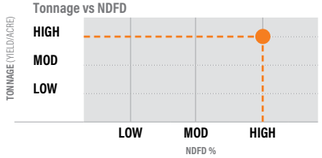
CP3735VT2P/RIB*

CROPLAN by WINFIELD UNITED

WEST EAST

Dual-Purpose 97 Day
2750 Silage CHU

VTDoublePRO RIB COMPLETE



- Medium height dual-purpose hybrid with excellent NDFD.
- Excellent test weight and emergence with solid defensive traits.
- Plant at moderate to high densities; fungicide application is recommended.
- Keep in relative maturity zone.

NEW

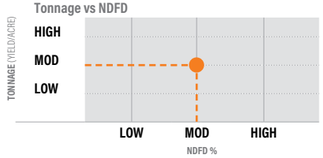
CP3715SSPRO/RIB*

CROPLAN by WINFIELD UNITED

WEST EAST

Dual-Purpose 97 Day
2800 Silage CHU

SmartStaX PRO with RNAi TECHNOLOGY



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

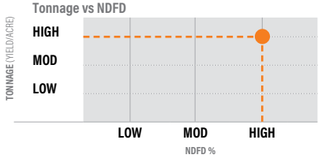
CP4676SS/RIB*

CROPLAN by WINFIELD UNITED

WEST EAST

Dual-Purpose 106 Day
3025 Silage CHU

SmartStaX RIB COMPLETE



- 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 areas with gray leaf spot pressure.

NEW

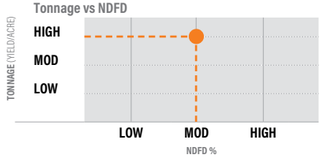
CP4757VT2P/RIB*

CROPLAN by WINFIELD UNITED

WEST EAST

Dual-Purpose 107 Day
3050 Silage CHU

VTDoublePRO RIB COMPLETE



- Great tonnage hybrid, combined with high quality potential.
- Strong roots and test weight with high yield potential.
- Versatile hybrid for any management system.
- Best suited for rotated acres.

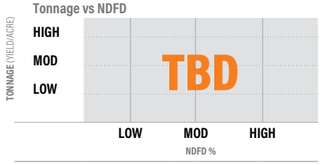
CP3823SS/RIB*

CROPLAN by WINFIELD UNITED

WEST EAST

Dual-Purpose 98 Day
2775 Silage CHU

SmartStaX RIB COMPLETE



- 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.

STAFF PICK

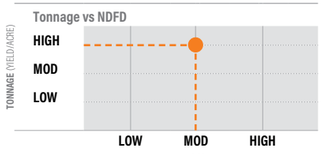
CP4188SS/RIB*

CROPLAN by WINFIELD UNITED

WEST EAST

Dual-Purpose 101 Day
CONV: 2800 Silage CHU
VT2P: 2850 Silage CHU
SS: 2875 Silage CHU

CONVENTIONAL VTDoublePRO RIB COMPLETE SmartStaX RIB COMPLETE



- 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.

NEW

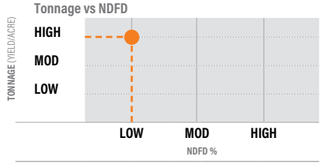
CP4516TRE/RIB*

CROPLAN by WINFIELD UNITED

WEST EAST

Dual-Purpose 105 Day
3000 Silage CHU

Trecepta RIB COMPLETE CORN



- Excellent tonnage potential when placed on average to above average acres.
- Strong roots, test weight and Goss's Wilt tolerance.
- High response to intensive management; can also handle average acres.
- Manage late season intactness with a fungicide application in high yield environments.

STAFF PICKS

CP4188SS

WEST EAST

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 48.

Kaitland VanderSpek,
Market Development Manager | Ontario

CP2790VT2P

WEST EAST

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 47.

Jody Jury,
Market Development Manager | Manitoba

DUAL PURPOSE BRAND

		Relative Maturity	Silage CHU	Staygreen CHU	Plant Height 1	Ear Height 2	Ear Flex 3	Flower Date 4	Kernel Rows	Response-to Population [RTP] 5	Response-to Nitrogen [RTN] 5	Response-to Fungicide [RTF] 5	Seedling Vigour	Root Strength	Drought Tolerance	Tonnage Potential	# Milk/Acre	% NDFD	% NDF	% Starch	% Crude Protein	TDN 6	Calibrate Starch Rating	Calibrate Fiber Rating 7
W	CP1440VT2P/RIB*	76	1950	2100	2	M-T	M	FX	M-E	16-18	M	M	M	2	1	2	2	1	2	2	2	2	2	N/A	N/A
W	CP2123VT2P/RIB*	79	2150	2300	3	M-T	M-L	FL	E	14-18	H	M	M	1	1	3	2	2	2	3	1	3	2	MS	TBD
W	CP2288VT2P/RIB*	82	2300	2450	3	M-T	M-L	SF	M	16-18	H	M	M	2	1	2	2	2	2	2	2	2	2	N/A	N/A
W	CP2315VT2P/RIB*	83	2350	2500	2	M-T	M	SF	E	18-20	M	H	M	2	2	2	3	3	3	3	2	4	2	N/A	N/A
W	CP2790CONV	87	2475	2625	3	M-T	M	SF	E	16-18	L	M	H	1	2	1	2	3	3	3	1	3	3	N/A	N/A
W	CP2790VT2P/RIB*	87	2500	2650	3	M-T	M	SF	E	16-18	L	M	H	1	2	1	2	3	3	3	1	3	3	N/A	N/A
W	CP2845VT2P/RIB*	88	2525	2675	3	M-T	M	SF	E	16-18	H	H	H	1	1	1	3	3	4	3	4	2	4	M	MF
W	CP2965VT2P/RIB*	89	2550	2700	3	M	M	SF	M	14-16	M	H	H	1	2	2	2	2	3	3	3	3	2	MF	M
	CP3575CONV	95	2650	2800	2	M	M	SF	M-L	16-18	H	H	L	2	2	3	3	3	1	3	3	3	1	M	M
	CP3575VT2P/RIB*	95	2675	2825	2	M	M	SF	M-L	16-18	H	H	L	2	2	3	3	3	1	3	3	3	1	M	M
	CP3575SS/RIB*	95	2700	2850	2	M	M	SF	M-L	16-18	H	H	L	2	2	3	3	3	1	3	3	3	1	M	M
	CP3720TRE NEW	97	2750	2900	3	M	M	SF	E	16-18	M	H	M	2	2	2	2	TBD	TBD	TBD	TBD	TBD	TBD	N/A	N/A
	CP3735VT2P/RIB*	97	2750	2900	2	M	M	SF	M	16-18	M	H	H	1	2	3	2	1	1	3	3	2	1	MF	MF
	CP3715SSPRO/RIB* NEW	97	2800	2950	2	M-T	M-H	SF	M-E	18-20	M	M	M	2	2	2	3	3	3	5	1	3	1	M	M
	CP3823SS/RIB*	98	2775	2925	3	M-T	M	SF	M	16-18	M	TBD	TBD	2	2	2	2	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
	CP4188CONV	101	2800	2950	1	M	M	SF	M	16-18	M	M	M	1	1	2	1	2	3	2	3	2	2	MS	MS
	CP4188VT2P/RIB*	101	2850	3000	1	M	M	SF	M	16-18	M	M	M	1	1	2	1	2	3	2	3	2	2	MS	MS
	CP4188SS/RIB*	101	2875	3025	1	M	M	SF	M	16-18	M	M	M	1	1	2	1	2	3	2	3	2	2	MS	MS
	CP4516TRE/RIB* NEW	105	3000	3150	2	M	M	SF	M-E	16-18	M	M	H	2	2	3	1	2	4	4	1	4	4	MS	MS
	CP4676SS/RIB*	106	3025	3175	1	M	M	SF	M	16-18	M	H	M	1	3	3	2	2	1	2	3	2	1	MF	F
	CP4757VT2P/RIB* NEW	107	3050	3200	3	M-T	M-H	SF	M	18-20	M	M	M	3	1	2	1	1	3	3	3	3	1	M	M

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.

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 2024.

6 Calibrate Starch Rating
Relative rumen digestibility of grain starch
S = Slow
M = Moderate
F = Fast
Ratings based on 2018-2022 silage samples.

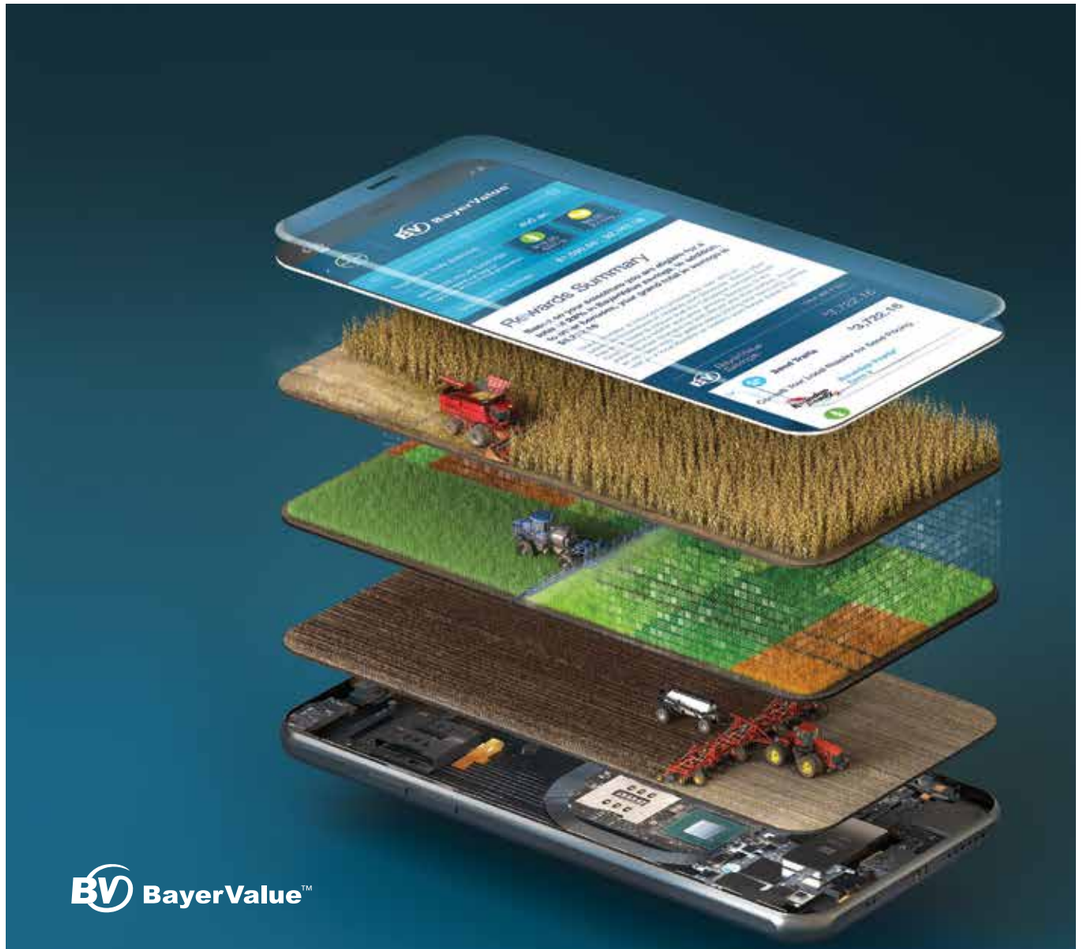
7 Calibrate Fiber Rating
Relative rumen digestibility of fiber
S = Slow
M = Moderate
F = Fast
Ratings based on 2018-2022 silage samples.

Insect Resistance Management — Planting Refuges. Preserving Technology

W Western Hybrid

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.



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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 Canada representative or local CROPLAN distributor.

STAFF PICK

CF956SSS

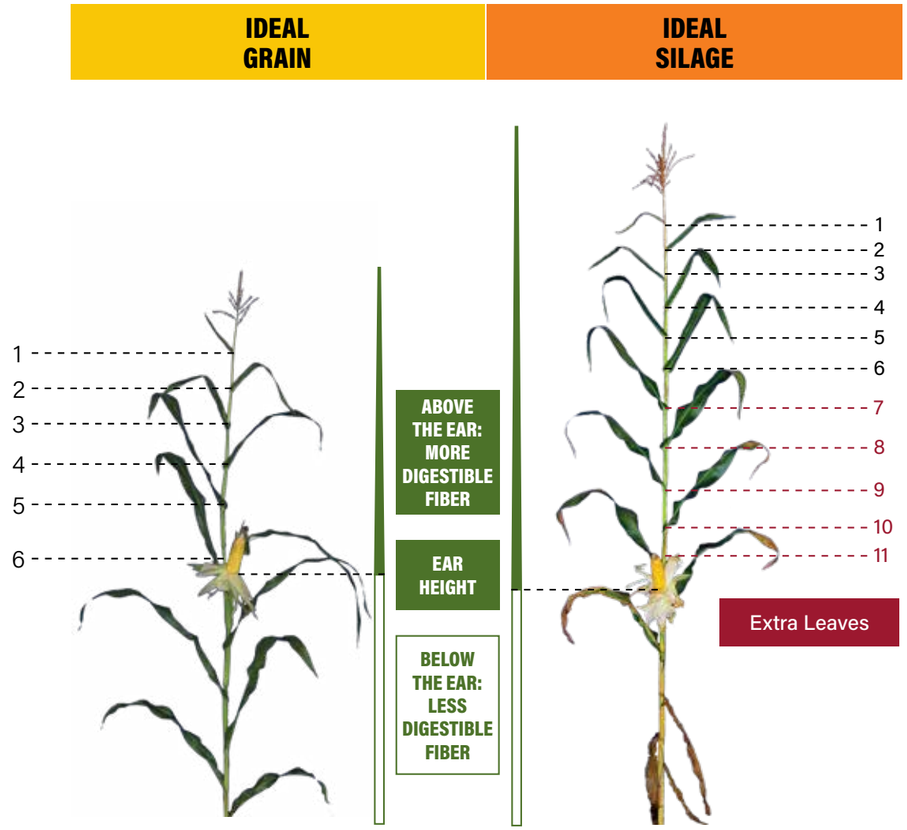
WEST EAST

This hybrid provides the perfect blend of high tonnage and ruminant performance with the increased starch and fiber digestibility of a leafy hybrid.

For more information on this product, visit page 54.

Kaitland VanderSpek,
Market Development Manager | Ontario

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.

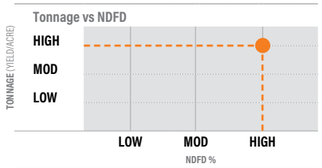
SILAGEFIRST

CF910SCONV

WEST EAST

Leafy 75 Day
2250 Silage CHU

CONVENTIONAL



- SilageFirst floury hybrid.
- Will set an ear with 25% floury kernels when self-pollinated.
- Produces a high-yielding, robust crop.
- Produces a silage product with an excellent balance of digestible starch and fiber.

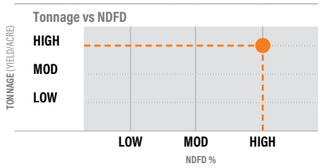
SILAGEFIRST

CF913SRR

WEST EAST

Leafy 75 Day
2250 Silage CHU

Roundup Ready 2 CORN



- SilageFirst floury hybrid.
- Will set an ear with 25% floury kernels when self-pollinated.
- Produces a high-yielding, robust crop.
- Produces a silage product with an excellent balance of digestible starch and fiber.

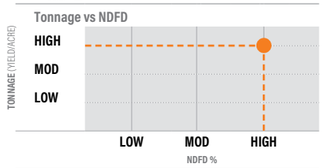
SILAGEFIRST

CF932SRR

WEST EAST

Leafy 90 Day
2775 Silage CHU

Roundup Ready 2 CORN



- SilageFirst floury-leafy proven hybrid.
- Strong performance in both tonnage and quality.
- Exceptional yield potential in high yielding environments.
- Flex ear, plant at lower populations.

STAFF PICK

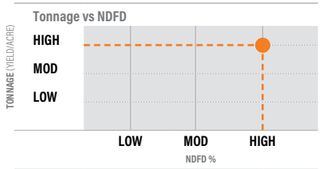
SILAGEFIRST

CF956SSS/RIB*

WEST EAST

Leafy 94 Day
2850 Silage CHU

SmartStax RIB COMPLETE



- 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.

NEW

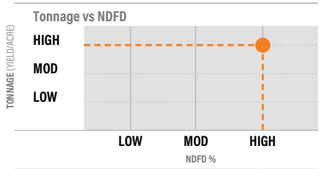
SILAGEFIRST

CP4023SRR

WEST EAST

Leafy 100 Day
3000 Silage CHU

Roundup Ready 2 CORN



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

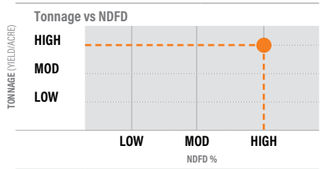
SILAGEFIRST

CP4100SVT2P/RIB*

WEST EAST

Leafy 101 Day
2975 Silage CHU

VT DoublePRO RIB COMPLETE



- 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.

SILAGEFIRST BRAND

SILAGE-FIRST BRAND	Relative Maturity	Silage CHU	CHU	Plant Height Staygreen	Ear Height 1	Ear Height 2	Ear Flex 3	Flower Date 4	Response-to Population (RTP) Kernel Rows	Response-to Nitrogen (RTN) 5	Response-to Fungicide (RTF) 5	Seedling Vigour 5	Root Strength	Drought Tolerance	Tonnage Potential	# Milk/Acre	% NDFD	% NDF	% Starch	% Crude Protein	TDN	Calibrate Starch Rating 6	Calibrate Fiber Rating 7
CF910SCONV	75	2250	2400	-	M	M	FL	E	14-16	M	N/A	N/A	2	2	2	1	2	2	2	3	2	2	N/A	N/A
CF913SRR	75	2250	2400	-	M	M	FL	E	14-16	M	N/A	N/A	2	2	2	1	2	2	2	3	2	2	N/A	N/A
CF932SRR	90	2775	2925	-	T	M	FL	M	16-18	L	N/A	N/A	2	2	1	1	2	2	2	3	2	2	N/A	N/A
CF956SSS/RIB*	94	2850	3000	-	T	M	FL	M	16-18	L	N/A	N/A	2	2	1	2	2	2	2	3	3	3	N/A	N/A
CP4023SRR NEW	100	3000	3150	-	T	M	FL	M	16-18	L	N/A	N/A	3	2	2	1	2	2	2	3	3	2	N/A	N/A
CP4100SVT2P/RIB*	101	2975	3125	-	T	M	SF	M	16-18	L	N/A	M	3	2	2	1	1	2	3	4	3	2	MF	MF

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.

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 2024.

6 Calibrate Starch Rating
Relative rumen digestibility of grain starch
S = Slow
M = Moderate
F = Fast
Ratings based on 2018-2022 silage samples.

7 Calibrate Fiber Rating
Relative rumen digestibility of fiber
S = Slow
M = Moderate
F = Fast
Ratings based on 2018-2022 silage samples.

Insect Resistance Management — Planting Refuges, Preserving Technology

W Western Hybrid

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.

RECOMMENDED PRODUCT:

FEATURES: _____

PARTNERS (SEED OR CP): _____

NOTES: _____

CROPLAN
By WinField United

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 63.

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	2,4-D CHOLINE	DICAMBA
Roundup Ready 2 Xtend Soybeans	X	• Roundup® • Dicamba	✓	X	X	✓
Enlist E3 Soybeans	E	• Glyphosate • Glufosinate • 2,4-D Choline	✓	✓	✓	X
Xtendflex Soybeans	XF	• Roundup® • Glufosinate • Dicamba	✓	✓	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

ADVERTISEMENT

THE SOYBEAN SYSTEM YOU CAN'T RESIST.

What makes the 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 surveys conducted in 2021 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.

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

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a 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. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELLED 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 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. Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-888-283-6847 for recommended Roundup Ready® Xtend Crop System weed control programs.

Bayer, Bayer Cross, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup WeatherMAX®, Roundup Xtend®, VaporGrip®, XtendFlex® and XtendiMax® are registered trademarks of Bayer Group. Used under license. ©2023 Bayer Group. All rights reserved.

BAYER

Roundup Ready 2 YIELD TECHNOLOGY

ROUNDUP READY® XTEND CROP SYSTEM

ROUNDUP READY 2 XTEND SOYBEANS + Roundup XTEND2 VaporGrip.

Dicamba and Glyphosate Pre-mix

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 Canada 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

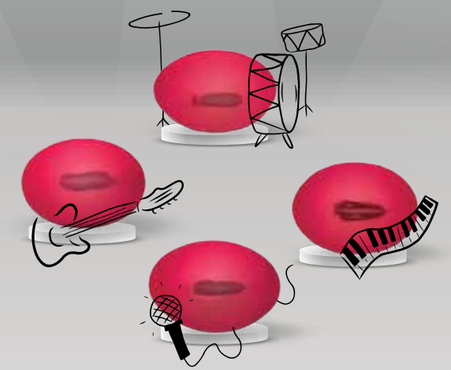
ADVERTISEMENT

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 break-through 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.



Vayantis® IV

syngenta

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. © 2022 Syngenta.

CP000621WPX

CROPLAN By WINFIELD UNITED | 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**

- WinPak consisting of CP000521X + CP000620X.
- Good performer on all soil types with strong stress tolerance and IDC.
- High yielding early Xtend WinPak. Good performer on all soil types.
- Adapted to short season zone and narrow zone spacing.

NEW

CP00123WPX

CROPLAN By WINFIELD UNITED | 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**

- New 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.

NEW

CP00523WPX

CROPLAN By WINFIELD UNITED | 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**

- New 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.

CP00722WPX

CROPLAN By WINFIELD UNITED | WEST EAST

Group: **00.7**
2475 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	**1**	Canopy Type	**BUSH**
Standability	**1**	Height	**M**

- WinPak consisting of CP00621X + CP00722X.
- Excellent white mold tolerance.
- Top end yield in high productive soils.
- Above average IDC tolerance.

CP0621XF

CROPLAN By WINFIELD UNITED | WEST EAST

Group: **0.6**
2700 CHU

XTENDFLEX SOYBEANS

Characteristics

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

Emergence	**2**	Canopy Type	**BUSH**
Standability	**2**	Height	**M**

- Strong performance across all environments.
- Strong drought tolerance.
- Solid performance across all soil types.
- Excellent BSR tolerance.

CP07WPRX

CROPLAN By WINFIELD UNITED | WEST EAST

Group: **0.7**
2725 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	**BUSH**
Standability	**2**	Height	**M/T**

- WinPak consisting of CP0620RX + CP0719RX.
- High yield potential with good early spring vigour.
- Solid agronomic package with strong white mold tolerance with good PRR tolerance.
- Medium-tall and bushy plant with excellent standability.

NEW

CP0723WPE

CROPLAN By WINFIELD UNITED | 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**

- New WinPak consisting of CP0722E + CP0723E.
- Superb standability.
- Strong vigour for no-till.
- High yielding E3 WinPak for all soil types.

STAFF PICK

CP0922WPX

CROPLAN By WINFIELD UNITED | 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**

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

CP1222WPE

CROPLAN By WINFIELD UNITED | 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**

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

CP1221WPX

CROPLAN By WINFIELD UNITED | 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 CP1220RX + CP1221X.
- Very high yield potential and consistent on all soil types.
- Unbeatable PRR resistance.
- Strong SCN protection.

CP1621WPE

CROPLAN By WINFIELD UNITED | 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**

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

CP1622X

CROPLAN By WINFIELD UNITED | WEST EAST

Group: **1.6**
2975 CHU

ROUNDUP READY 2 XTEND SOYBEANS

Characteristics

	Fair → Excellent
SCN Tolerance	
PRR Tolerance	
SDS Tolerance	
SWM Tolerance	
BSR Tolerance	
Iron Chlorosis	

Emergence	**1**	Canopy Type	**BUSH**
Standability	**2**	Height	**T**

- Strong yield performance with defensive traits.
- Excellent SCN tolerance.
- Tall plant with excellent emergence.
- Good SDS tolerance.

NEW

CROPLAN by WinField United

CP1823WPX

WEST EAST

Group: **1.8**
3025 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	N/A

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

- New WinPak consisting of RX1818 + CP1923X.
- Great on fertile soils.
- Excellent SDS and PRR tolerance.
- Consistent high yield potential.

CROPLAN by WinField United

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**

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

NEW

CROPLAN by WinField United

CP2223WPE

WEST EAST

Group: **2.2**
3150 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**

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

CROPLAN by WinField United

CP2421WPX

WEST EAST

Group: **2.3**
3150 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	N/A

Emergence	**3**	Canopy Type	**BUSH**
Standability	**2**	Height	**M/T**

- WinPak consisting of CP2320RX + CP3176XT.
- High yield potential and broadly adaptable to several geographies.
- Excellent SCN and white mold tolerance.
- Consistent performer with improved standability.

KEY

Height
T = Tall
M = Medium
S = Short

Canopy Type
NAR = Narrow
INT = Intermediate
BUSH = Bushy

Variety Best Location
WEST = Western variety
EAST = Eastern variety

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

Enlist™ weed control system | Enlist E3™ SOYBEANS

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

Enlist Duo™ with COLEX-D™ technology
HERBICIDE

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.

Enlist™ 1 with COLEX-D™ technology
HERBICIDE

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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ADVERTISEMENT

	BRAND	WinPak Component Only	Herbicide System 1	Relative Maturity	CHU	SCN Tolerance	SCN Gene	PRR Tolerance	PRR Gene 2	SDS Tolerance	SWM Tolerance	BSR Tolerance	Iron Chlorosis	Emergence	Standability	Canopy Type 3	Plant Height 4	Flower Colour 5	Pubescence Type 6	Pod Colour 7	Hilum Colour 8
W	CP000521X	✓	XTEND	000.5	2175	5	NG	1	Rps1c	N/A	3	N/A	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 NEW	✓	XTEND	00.1	2325	2	PI88788	2	Rps1c	N/A	2	N/A	2	2	2	INT	M	P	TN	BR	GR
W	CP00123WPX NEW		XTEND	00.1	2325	2	PI88788	2	Rps1c/NG	N/A	2	3	2	2	1	INT	M	P	TW/TN	BR/LB	BR/GR
W	CP005WPRX		XTEND	00.5	2425	1	NG	1	Rps1k	N/A	2	3	2	3	2	BUSH	M/T	P	TW	LB	BL
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 NEW	✓	XTEND	00.5	2425	3	NG	2	Rps1c	3	2	1	3	2	2	BUSH	T	P	LT	BR	BL
W	CP00523WPX NEW		XTEND	00.5	2425	2	NG	2	Rps1k/1c	3	2	2	3	2	2	BUSH	T	P	TW/LT	LB/BR	BL
W	CP00621X	✓	XTEND	00.6	2450	1	NG	2	Rps1c, 3a	3	3	2	1	1	2	BUSH	M	P	LT	BR	BL
W	CP00722X	✓	XTEND	00.7	2475	3	NG	4	Rps1k	N/A	2	3	1	2	1	BUSH	M	P	TN	LB	BL
W	CP00722WPX		XTEND	00.7	2475	2	NG	3	Rps1k/1c, 3a	N/A	2	2	2	1	1	BUSH	M	P	LT/TN	BR/LB	BL

RECOMMENDED PRODUCT:

FEATURES: _____

PARTNERS (SEED OR CP): _____

NOTES:

	BRAND	WinPak Component Only	Herbicide System 1	Relative Maturity	CHU	SCN Tolerance	SCN Gene	PRR Tolerance	PRR Gene 2	SDS Tolerance	SWM Tolerance	BSR Tolerance	Iron Chlorosis	Emergence	Standability	Canopy Type 3	Plant Height 4	Flower Colour 5	Pubescence Type 6	Pod Colour 7	Hilum Colour 8
	CP0621XF		XTENDFLEX	0.6	2700	3	PI88788	3	Rps1c	N/A	1	2	N/A	2	2	BUSH	M	P	LT	TN	BL
	CP0620RX	✓	XTEND	0.6	2700	1	PI88788	2	Rps1c	N/A	1	4	N/A	3	1	BUSH	M	P	LT	BR	BL
	CP0719RX	✓	XTEND	0.7	2725	5	NG	2	Rps1a	N/A	3	4	3	1	3	BUSH	T	P	LT	LB	BL
	CP07WPRX		XTEND	0.7	2725	3	PI88788	3	Rps1a/1c	N/A	2	4	4	2	2	BUSH	M/T	P	LT	BR/LB	BL
	CP0722E NEW	✓	ENLIST	0.7	2750	1	PI88788	2	Rps3a	3	2	2	N/A	1	2	BUSH	M	P	GR	TN	BF
	CP0723E NEW	✓	ENLIST	0.7	2750	1	PI88788	3	Rps3a	3	3	2	N/A	1	2	BUSH	M	P	GR	TN	IB
	CP0723WPE NEW		ENLIST	0.7	2750	1	PI88788	2	Rps3a	3	2	2	N/A	1	2	BUSH	M	P	GR	TN	BF/IB
	CP0921X	✓	XTEND	0.9	2775	1	PI88788	2	Rps3a	N/A	2	3	1	2	2	BUSH	M	P	LT	BR	BL
	CP0922X	✓	XTEND	0.9	2775	3	PI88788	2	NG	4	2	2	2	1	1	BUSH	T	P	LT	BR	BL
	CP0922WPX		XTEND	0.9	2775	2	PI88788	2	Rps3a	3	2	2	1	1	1	BUSH	M/T	P	LT	BR	BL
	CP1121E	✓	ENLIST	1.1	2850	5	NG	3	Rps1k	3	3	2	3	1	2	BUSH	M/T	P	GR	TN	BF
	CP1122E	✓	ENLIST	1.1	2875	1	PEKING	3	Rps3a	2	3	2	2	2	2	BUSH	M	P	GR	TN	BF
	CP1222WPE		ENLIST	1.2	2875	3	PEKING	3	Rps1k/3a	2	3	2	2	1	2	BUSH	M/T	P	GR	TN	BF
	CP1220RX	✓	XTEND	1.2	2875	1	PI88788	2	Rps1c, H3a	4	3	2	N/A	3	1	BUSH	T	P	LT	BR	BL
	CP1221X	✓	XTEND	1.2	2875	1	PI88788	2	Rps1c, 3a	2	3	2	1	1	2	BUSH	M/S	P	LT	BR	BL
	CP1221WPX		XTEND	1.2	2875	1	PI88788	2	Rps1c, H3a/3a	3	3	2	1	2	2	BUSH	M/T	P	LT	BR	BL
	CP1521E	✓	ENLIST	1.5	2950	1	PI88788	1	Rps3a	2	3	2	2	1	2	BUSH	M	P	GR	TN	BF
	CP1621E	✓	ENLIST	1.6	2975	1	PI88788	3	Rps1k	2	3	1	3	1	3	BUSH	M/T	P	GR	TN	BF
	CP1621WPE		ENLIST	1.6	2950	1	PI88788	2	Rps3a/1k	2	3	1	2	2	2	BUSH	M/T	P	GR	TN	BF
	CP1622X		XTEND	1.6	2975	1	PEKING	3	Rps1c	2	2	2	2	1	2	BUSH	T	P	TN	BR	BL
	RX1818	✓	XTEND	1.8	3025	2	PI88788	2	Rps1c	4	3	3	N/A	2	2	BUSH	T	P	TW	LB	IB
	CP1923X NEW	✓	XTEND	1.9	3050	1	PI88788	2	Rps1c	2	2	2	N/A	1	1	BUSH	M	P	GR	BR	IB
	CP1823WPX NEW		XTEND	1.8	3025	1	PI88788	2	Rps1c	3	2	2	N/A	1	2	BUSH	M/T	P	TW/GR	LB/BR	IB
	CP1821E	✓	ENLIST	1.8	3025	1	PI88788	2	Rps3a	1	3	1	3	1	3	BUSH	M	P	GR	TN	BF
	CP1921E	✓	ENLIST	1.9	3050	1	PI88788	2	NG	2	3	2	2	1	2	BUSH	M/T	P	GR	BR	IB
	CP1921WPE		ENLIST	1.9	3025	1	PI88788	2	Rps3a	1	3	2	2	1	1	BUSH	M/T	P	GR	TN/BR	BF/IB
	CP2223E NEW	✓	ENLIST	2.2	3125	2	PI88788	3	Rps1c	3	3	2	N/A	2	3	BUSH	M/T	P	TW	TN	BL
	CP2322E	✓	ENLIST	2.3	3150	3	PI88788	2	Rps1c, H3a	3	3	3	3	2	2	BUSH	M/T	W	GR	TN	BF
	CP2223WPE NEW		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
	CP2320RX	✓	XTEND	2.3	3150	2	PI88788	4	Rps1c	3	2	3	N/A	3	2	BUSH	T	P	LT	BR	BL
	CF3176XT	✓	XTEND	2.4	3175	1	PI88788	1	Rps1c	4	2	3	N/A	2	2	BUSH	M	P	GR	BR	IB
	CP2421WPX		XTEND	2.3	3150	2	PI88788	2	Rps1c	4	2	3	N/A	3	2	BUSH	M/T	P	GR/LT	BR	BL/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

W Western Variety

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.

CROPLAN®
By WinField United

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

In the 2022 Manitoba Provincial Sunflower plots, CP455E was the top yielder across all provincial sites at 118% of check. Run... don't walk for a chance to try these sunflowers in 2024!

For more information on this product, visit page 71.

Jody Jury,
Market Development Manager | Manitoba

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 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** — Early Maturity — WEST EAST

ExpressSun® trait | NuSun

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

- 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.

STAFF PICK

CROPLAN **CP455E** — Mid Maturity — WEST EAST

ExpressSun® trait

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

- High oleic top performing sunflower with excellent yield potential.
- Widely adapted across regions and field conditions.
- Medium plant with excellent drydown.
- DMR PI 6; resistant to most common races of downy mildew.

SUNFLOWER	Common Planting Seed Size	Maturity (1)	Downy Mildew Resistance	High Oleic (2)	NuSun® (2)	Dehulling (2)	Birdseed (2)	Phomopsis	Sclerotinia	Plant Height (3)	Yield	Oil Content	Oleic Content	Drydown	Root Strength	Stalk Quality	Drought Tolerance
CP432E	2, 3, 4	E	PI 8		●	●	●	2	3	S	2	3	N/A	1	3	2	2
CP455E	2, 3, 4	M	PI 6	●		●	●	2	2	M	1	2	1	1	3	2	2

KEY

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

1 Maturity
L = Long
M = Mid
E = Early

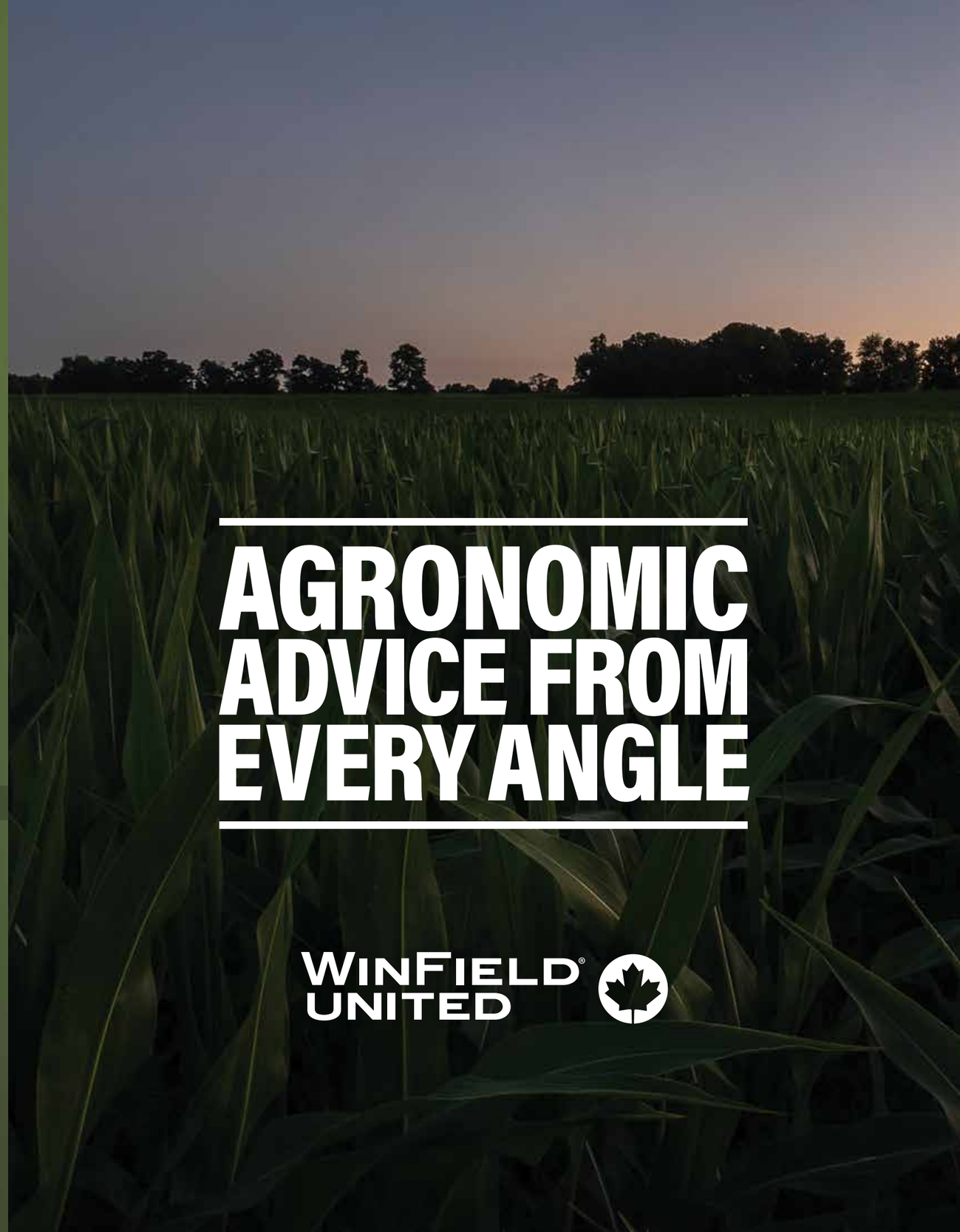
2 Market Options
Grain not guaranteed to be sold in your area.

Due to factors outside our control, WinField United does not guarantee oleic levels.

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

SEED.
NUTRITION.
PROTECTION.
AGRONOMY.
OPTIMIZATION.

WINFIELD UNITED



AGRONOMIC ADVICE FROM EVERY ANGLE

WinField® UNITED

GIVE YOUR CROPS THE EDGE THEY NEED

Find the perfect mix for your crops and conditions. WinField United Canada not only offers industry-leading crop protection and nutrient products, but the additives and adjuvants to help you maximize their effectiveness, too.

SPRAY CLINICS

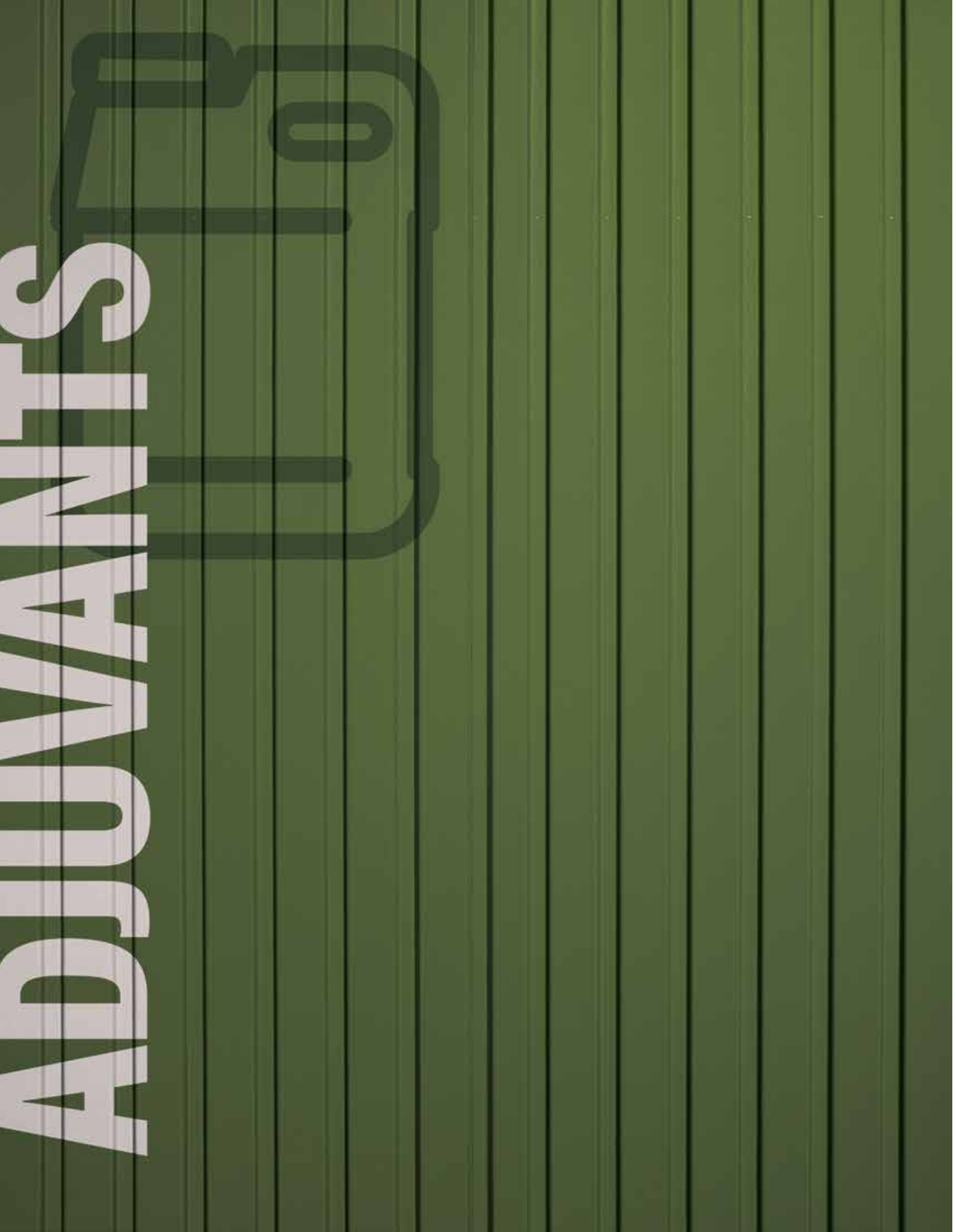
Getting the most out of your crop protection and nutrient investment takes more than the right products. Our spray clinics help you gain advanced knowledge of the newest innovations in chemical selection and application with first-hand training and expertise. Learn practical tips, techniques and insights you can apply right away to improve your spray application.

SOME OF THE TOPICS COVERED IN A TYPICAL SPRAY CLINIC INCLUDE:

- Adjuvant usage
- Drift and droplet size
- Environmental factors
- Calibration and cleaning
- Nozzle attributes and selection
- and much more...

REQUEST A SPRAY CLINIC

Use smartphone camera to scan code



Specially formulated and rigorously tested, WinField United Canada adjuvants provide the ultimate control and customization over your spray mix. They'll help you tackle even the toughest conditions, from improving spray coverage and optimizing deposition to water conditioning and drift reduction.

ADJUVANT CHEAT SHEET

		RECOMMENDED ADJUVANT											
Brand Name	**Active Ingredient**	**HiActivate®** by WinField United		**MasterLock®** by WinField United		**Voyage™ COC** by WinField United		**Destination™ MSO** by WinField United		**Journey® HSOC** by WinField United		**Notes**
ACCENT	Nicosulfuron	0.2% v/v										UAN may be added in some applications.
AIM EC	Carfentrazone	0.25% v/v					or	1% v/v	or	0.5% v/v		Requires an adjuvant when used without glyphosate.
ALLY	Metsulfuron	0.2% v/v										
AMITY WDG	Imazamox											Requires an adjuvant. Use Surge at 0.5% v/v.
ANTLER 360 UNPACKED	Clethodim							0.5% v/v	or	0.5% v/v		
ARMORY 240	Diquat											Requires a surfactant. Use Agral 90 at 0.1% v/v.
ARROW ALL IN	Clethodim	0.25% v/v					or	0.5% v/v	or	0.5% v/v		Additional adjuvant advised when used alone, under challenging environmental conditions or extreme weed pressure.
ASSURE II	Quizalofop	0.25% v/v					or	0.5% - 1% v/v	or	0.5% v/v		
AUDIBLE	Tribenuron Thiensulfuron Fluroxypyr	0.2% v/v										
BARRICADE II	Thifensulfuron Tribenuron Fluroxypyr	0.2% v/v										
BERSERK	Bentazon											Requires an adjuvant. Use Assist or XA Oil Concentrate at 1% v/v. See label for additional details.
BISON 400 L	Tralkoxydim							0.5% v/v				
BOUNDARY	S-Metolachlor Metribuzin	0.1% v/v			or	1% v/v						For contol of small emerged annual weeds in pre-plant and pre-emergent applications only.
BROADLOOM	Bentazon											Use Assist or XA Oil Concentrate at 1% v/v. Recommendations vary by crop type. See label for additional details.
CADILLAC UNPACKED	Clodinafop	0.32% v/v			or	1% v/v			or	0.5% v/v		
CALLISTO	Mesotrione											Surfactant required. Use Agral 90 at 0.2% v/v in post-emergent applications.
CALLISTO GT	Mesotrione Glyphosate	0.2% v/v										
CIRPREME XC	Florasulam Halauxifen Clopyralid	0.25% v/v										Not required when adding phenoxy.
CLASSIC	Chlorimuron	0.2% v/v										
CLEAT	Tribenuron	0.2% v/v										Requires an adjuvant when used without glyphosate.
COMMAND CHARGE	Clomazone Carfentrazone	0.25% v/v										Requires an adjuvant when used without glyphosate.
CORAGEN MAX	Chlorantraniliprole							0.25% v/v				Does not require an adjuvant for labeled insects.
CORVUS	Theincarbazone-methyl Isoxaflutole	0.25% v/v			or	1% v/v	or	1% v/v				Do not use adjuvants in post-emergent applications.
CRAVEN	Diquat	0.1% v/v										
DAKOTA	Imazamox											Requires an adjuvant. Use Merge at 0.5% v/v.
DAVAI 80 SL	Imazamox	0.25% v/v					or	0.5% v/v	or	0.5% v/v		
DELARO	Prothioconazole Trifloxystrobin	0.125% v/v	or	0.3% v/v								Do not use an adjuvant in corn.
DELARO COMPLETE	Prothioconazole Trifloxystrobin Fluopyram	0.125% v/v	or	0.3% v/v								Do not use an adjuvant in corn.

		RECOMMENDED ADJUVANT											
Brand Name	**Active Ingredient**	**HiActivate®** by WinField United		**MasterLock®** by WinField United		**Voyage™ COC** by WinField United		**Destination™ MSO** by WinField United		**Journey® HSOC** by WinField United		**Notes**
DESICA	Diquat											Surfactant required. Use Agral 90 at 0.1% v/v.
DESTRA IS	Rimsulfuron Mesotrione	0.2% v/v										Not required when tank mixed with glyphosate.
DRAFT	Tribenuron Thiensulfuron	0.2% v/v										
DRIFAST	Diquat											Research ongoing with WinField United Canada adjuvants. Use Agral 90 or Nufarm Enhance at 0.1% v/v.
ENGARDE	Rimsulfuron Mesotrione	0.2% v/v										
ELEVORE	Halauxifen					1% v/v	or	1% v/v	or	0.5% v/v		
EPIC	Pinoxaden									0.5% v/v		
EVEREST 3.0	Flucarbazone	0.25% v/v										
EXPRESS SG	Tribenuron	0.2% v/v										Requires an adjuvant when applied alone in ExpressSun sunflower.
FIRSTRATE	Cloransulam	0.25% v/v										For post-emergent applications only. HiActivate + liquid fertilizer (28-0-0 or 32-0-0) at 2.5% v/v.
FLEXSTAR GT	Glyphosate Fomesafen							0.25% v/v				Do not add AMS.
FOREMOST	Carfentrazone	0.25% v/v					or	1% v/v	or	0.5% v/v		Requires an adjuvant when used without glyphosate.
FREESTYLE	Chlorimuron Imazethapyr	0.2% v/v										Not required when tank mixed with glyphosate.
HALEX GT	Mesotrione S-Metolachlor Glyphosate	0.2% v/v										Add Crimson NG based on water test results.
HINGE	Rimsulfuron											Requires an adjuvant. Use Agral 90 or Ag-Surf at 0.2% v/v.
HOLDFAST	Prothioconazole	0.125% v/v	or	0.3% v/v								Do not apply a non-ionic surfactant prior to tassel emergence in corn.
HORNET	Tebuconazole											Use a non-ionic surfactant.
HURRICANE	Bentazon Acifluorfen					0.5-1 L/acre						Add Crimson NG at 1.25 L/acre. Additive recommendations vary by crop type and tank mix. See label for full details.
IDOL	Quizalofop											Requires an adjuvant. Use Merge or Sure-Mix at 0.5% v/v.
IMPACT	Topramezoone							0.25% v/v				
INFERNO TRIO	Flucarbazone Florasulam Carfentrazone	0.25% v/v										Requires a surfactant when used without glyphosate.
INFINITY	Pyrasulfotole Bromoxynil	0.25% v/v										Use HiActivate in durum. Use Crimson NG at 0.5 L/acre in spring and winter wheat.
INFINITY FX	Pyrasulfotole Bromoxynil Fluroxypyr	0.25% v/v										Use HiActivate in durum. Use Crimson NG at 0.5 L/acre in spring and winter wheat.
INSIGHT	Tiafenacil							1% v/v				
INSTEP	Carfentrazone											Requires an adjuvant. Use Agral 90 or Ag-Surf at 0.25% v/v.
INVOLVE 50 WDG	Tribenuron											Requires an adjuvant if used alone. Use Agral 90 at 0.35% v/v.
KOMODO	S-Metolachlor	0.1% v/v					or	1% v/v				Adjuvant recommendations vary by crop type and tank mix. See label for full details.
LAUDIS	Tembotrione					1% v/v	or	1% v/v	or	0.5% v/v		Plus Crimson NG at 1 L/acre.

		RECOMMENDED ADJUVANT												
Brand Name	**Active Ingredient**	**HiActivate®** by WINFIELD UNITED		**MasterLock®** by WINFIELD UNITED		**Voyage™ COC** by WINFIELD UNITED		**Destination™ MSO** by WINFIELD UNITED		**Journey® HSOC** by WINFIELD UNITED	**Notes**
LEOPARD	Quizalofop	0.25% v/v					or	0.5% v/v	or	0.5% v/v	
LIQUID ACHIEVE SC	Tralkoxydim							0.5% v/v			
MIRAVIS ACE	Pydiflumetofen Propiconazole	0.125% v/v	or	0.325% v/v							
MIRAVIS BOLD	Pydiflumetofen	0.125% v/v	or	0.325% v/v							
MIRAVIS ERA	Pydiflumetofen Propiconazole	0.125% v/v	or	0.325% v/v							
NUFARM TRALKOXYDIM	Tralkoxydim							0.5% v/v			
ONDECK	Bromoxynil Tolpyralate					1% v/v	or	1% v/v	or	0.5% v/v	
ORIUS 430 SC	Tebuconazole	0.125% v/v	or	0.3% v/v							
PAVISE 480	Prothioconazole	0.125% v/v	or	0.3% v/v							
PEAK	Prosulfuron	0.25% v/v			or	1% v/v					Do not use crop oil concentrates when tank mixing with Ultim or Accent.
PERMIT	Halosulfuron	0.25% v/v			or	1% v/v					Use Voyage COC when tank mixes are used. Do not use a COC in dry bean applications.
PHANTOM 240 SL	Imazethapyr	0.25% v/v									
PINNACLE	Thifensulfuron	0.1% v/v									
PLOTTER 60 WDG	Metsulfuron-methyl										Requires an adjuvant. Use Agral 90 or Ag-Surf at 0.2% v/v.
PRECISIONPAC	PP-2525 PP-23235 PP-3317	0.2% v/v									
	CS-100-2525 CS-75-2525 CS-100-23235 CS-75-23235	0.25% v/v									
	DB-8454										Requires an adjuvant. Use Agral 90, Ag-Surf or Citowett Plus at 0.2% v/v.
PRIMEXTRA II MAGNUM	S-Metolachlor Atrazine	0.3% v/v									Adjuvant required with glyphosate tank mix.
PRISM SG	Rimsulfuron	0.2% v/v									
PROLINE 480 SC	Prothioconazole	0.125% v/v	or	0.3% v/v							Do not apply a non-ionic surfactant prior to tassel emergence in corn.
PROSARO PRO	Prothioconazole Tebuconazole Fluopyram	0.125% v/v	or	0.3% v/v							
PURSUIT	Imazethapyr	0.25% v/v									
PYTHON	Imazamox Bentazon							0.5% v/v			Plus Crimson NG at 0.81 L/ acre.
QUASAR	Imazamox Imazethapyr	0.25% v/v					or	0.5% v/v	or	0.5% v/v	
REFINE SG	Thifensulfuron Tribenuron	0.2% v/v					or	0.25% v/v			
REFLEX	Fomesafen										Requires an adjuvant. Use Agral 90 at 0.1% v/v. Use Turbocharge at 0.25% v/v for Eastern Canada soybean only.
REGLONE	Diquat	0.1% v/v									
ROXAR	Tetraconazole	0.25% v/v									Use 0.2% v/v in corn applications.
SANDEA	Halosulfuron	0.25% v/v			or	1% v/v					

		RECOMMENDED ADJUVANT												
Brand Name	**Active Ingredient**	**HiActivate®** by WINFIELD UNITED		**MasterLock®** by WINFIELD UNITED		**Voyage™ COC** by WINFIELD UNITED		**Destination™ MSO** by WINFIELD UNITED		**Journey® HSOC** by WINFIELD UNITED	**Notes**
SENCOR	Metribuzin	0.1% v/v					or	1% v/v			Pre-seed only. Do not add surfactants in post-emergent applications.
SENCOR STZ	Metribuzin Sulfentrazone	0.1% v/v					or	1% v/v			Pre-seed only. Do not add surfactants in post-emergent applications.
SHIELDEX	Tolpyralate								1% v/v		
SIERRA 3.0	Flucarbazone	0.25% v/v									
SIMPLICITY GODRI	Pyroxsulam	0.25% v/v									Always add Bindem when using HiActivate.
SORADUO	Tebuconazole Prothioconazole	0.125% v/v	or	0.3% v/v							Additional adjuvant advised under significant disease pressure or environmental conditions that favour disease development.
SORTAN IS	Rimsulfuron	0.2% v/v									Not required when tank mixed with glyphosate.
SQUADRON	Metribuzin	0.1% v/v					or	1% v/v			Pre-seed only. Do not add surfactants in post-emergent applications.
SQUADRON II	Metribuzin	0.1% v/v					or	1% v/v			Pre-seed only. Do not add surfactants in post-emergent applications.
STATUE	Clethodim										Requires an adjuvant. Use Carrier at 0.5% v/v.
STEADFAST IS	Rimsulfuron Nicosulfuron	0.2% v/v									Not required when tank mixed with glyphosate.
STRATEGO PRO	Prothioconazole Trifloxystrobin	0.125% v/v	or	0.3% v/v							Surfactants may be used in soybean applications only.
STRIM MTZ	Metribuzin S-Metolachlor	0.1% v/v					or	1% v/v			Pre-seed only. Do not add surfactants in post-emergent applications.
TRIACTOR EZ	Imazethapyr Metribuzin Flumioxazin	0.25% v/v									Requires a surfactant if applied without glyphosate to actively growing weeds.
TUNDRA	Fenoxaprop-p-ethyl Bromoxynil Pyrasulfotole										Add Crimson NG at 0.5 L/acre.
ULTIM	Rimsulfuron Nicosulfuron	0.25% v/v									
ULTRA BLAZER	Acifluorfen										Adjuvant only required with 0.5 L/acre rate of Ultra Blazer when applied alone. Use Assist Oil Concentrate at 0.5% v/v.
UPBEET	Triflusulfuron	0.25% v/v									Adjuvant required when applied alone.
VARRO	Theincarbazone-methyl	0.25% v/v									Use HiActivate in durum and Crimson NG at 0.5 L/acre in spring and winter wheat.
VELOCITY M3	Theincarbazone-methyl Pyrasulfotole Bromoxynil	0.25% v/v									Use HiActivate in durum. Use Crimson NG at 0.5 L/acre in spring and winter wheat.
VENIM	Imazamox										Requires a surfactant.
VENTURE	Fluazifop-P-butyl S-isomer										Surfactant required. See label for detailed information.
VOLTA	Thifensulfuron	0.2% v/v									
YUMA	Quizalofop	0.25%-0.5% v/v					or	0.5%-1% v/v	or	0.5%-1% v/v	or 0.5% v/v
ZOLERA FX	Tetraconazole Fluoxastrobin	0.25% v/v									Use 0.2% v/v in corn applications.

RECOMMENDED PRODUCT:

FEATURES: _____

PARTNERS (SEED OR CP): _____

RECOMMENDED PRODUCT:

FEATURES: _____

PARTNERS (SEED OR CP): _____

NOTES:

MasterLock®

By WINFIELD UNITED

MasterLock® is a non-ionic surfactant (NIS) combining new DropTight™ surfactant technology with proven drift control. This all-in-one NIS, deposition aid and drift control agent is designed to maximize pesticide performance. MasterLock meets your NIS requirements and helps to reduce spray drift.

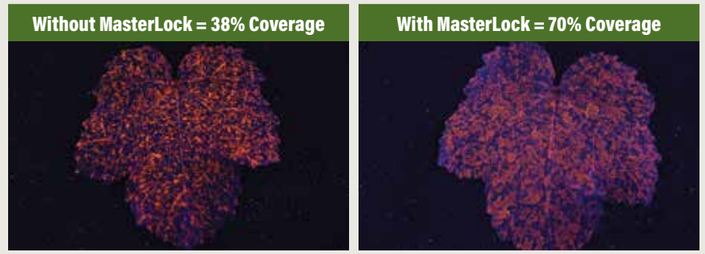
FEATURES & BENEFITS

- MasterLock adjuvant with DropTight technology helps optimize droplet adhesion, which reduces bounce and increases droplet sticking and spreading for improved contact and coverage. Delivering more active ingredient to the leaf surface.
- MasterLock improves deposition of the spray droplets onto the intended target and improves canopy penetration.
- Reduces spray drift and evaporation of pesticides.
- NPE-free formulations should not contribute to arrested ear in corn.
- PMRA registered activator adjuvant.

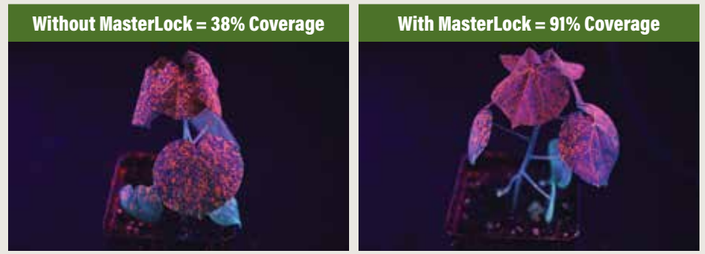
Application Rates

0.3-0.5% v/v. This equates to 125-190 mL/acre in 10 US gal. Always consult product labels for recommended surfactant rates. MasterLock rates include both non-ionic surfactant and drift reduction technology.

IMPROVED DEPOSITION AND SPREAD



1.8x increase in coverage



2.4x increase in coverage

COMMON USE RATE
0.3-0.5% v/v ground and aerial applications

PACKAGING
2 x 10 L jugs/case
450 L tote

ACTIVE INGREDIENT
100% Surfactant blend

PRODUCT GROUP
Non-ionic surfactant and deposition agent plus drift control

Data from WinField United US Answer Plot trials suggests that fungicides applied in combination with MasterLock can increase corn yield by 5.7 bu/acre, and wheat yield by 3.7 bu/acre.

⚠ Always read and follow label directions.

HiActivate®

By WINFIELD UNITED

HiActivate® is a non-ionic surfactant registered for use with many crop protection products to optimize efficacy. Use HiActivate wherever a non-ionic surfactant is required on label.

FEATURES & BENEFITS

- HiActivate improves pesticide performance by reducing surface tension, and improving wetting, spreading and dispersing characteristics of the spray solution.
- Reduced surface tension allows droplets to spread out over a larger area of leaf surface for improved coverage and uptake.
- HiActivate improves adhesion of the spray droplet to the plant's leaf surface, slows evaporation and enhances pesticide uptake for maximum absorption and efficacy.
- A non-ionic surfactant such as HiActivate is a critical addition to certain crop protection products. If an adjuvant is required, and not included in the tank mix, it may lead to product failure. Add HiActivate for maximum pesticide effectiveness.
- Our proprietary surfactant components improve mixability and humectancy, even in cold water.

COMMON USE RATE
0.1-0.25% v/v

PACKAGING
2 x 10 L jugs/case

ACTIVE INGREDIENT
90/10 Alkylarylpolyoxyethylene glycols, free fatty acids and IPA

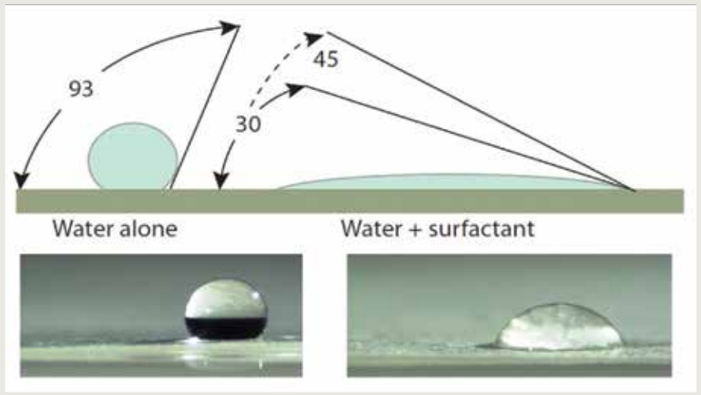
PRODUCT GROUP
Non-ionic surfactant

Application Rates

0.1-0.25% v/v. Always consult product labels for recommended surfactant rates. Surfactant rates typically vary by product.

Surfactants are typically added to the spray mix last.

HIACTIVATE REDUCES SURFACE TENSION FOR MAXIMUM EFFICACY



⚠ Always read and follow label directions.

Destination™ MSO

By WINFIELD UNITED

Destination™ MSO contains methylated seed oil (MSO) and emulsifiers to help break down waxy leaf surfaces for improved herbicide performance.

FEATURES & BENEFITS

- Allows greater pesticide uptake by breaking down waxy leaf surfaces.
- Improves adhesion and adsorption of pesticides onto and into plant tissue.
- Use Destination MSO where oil adjuvants are required.
- PMRA approved activator adjuvant.

COMMON USE RATE
1% v/v

PACKAGING
2 x 10 L jugs/case

ACTIVE INGREDIENT
Blend of methylated soybean oil and emulsifiers

PRODUCT GROUP
Methylated seed oil

Application Rates

0.5-1.0% v/v. Always consult product labels for recommended oil adjuvant rates. Adjuvant rates typically vary by product. Higher registered rates are typically recommended under adverse conditions such as dense weed population, late weed growth stage, or poor environmental conditions.

OIL ADJUVANTS HELP PESTICIDES TO PENETRATE INTO THE LEAF SURFACE

− ADJUVANT

\+ ADJUVANT
(DESTINATION MSO OR JOURNEY® HSOC)

⚠ Always read and follow label directions.

Voyage™ COC

By WINFIELD UNITED

Voyage™ COC contains crop oil concentrates (COC) and emulsifiers to assist in pesticide uptake and effectiveness. Voyage COC is used to help break down waxy leaf surfaces to allow for pesticide uptake.

FEATURES & BENEFITS

- Voyage COC is used to assist breakdown of waxy leaf cuticles and allow better pesticide uptake.
- Helps adhesion and adsorption of pesticides onto and into plant tissue.
- Use Voyage COC where oil adjuvants or crop oil concentrates are required by label.
- PMRA approved activator adjuvant.

Application Rates

0.8-1% v/v. Always consult product labels for recommended oil adjuvant rates. Adjuvant rates typically vary by product. Higher registered rates are typically recommended under adverse conditions such as dense weed population, late weed growth stage, or poor environmental conditions.

COMMON USE RATE
1% v/v

PACKAGING
2 x 10 L jugs/case

ACTIVE INGREDIENT
83% Paraffin base petroleum oil, 17% Surfactant blend

PRODUCT GROUP
Crop oil concentrate

Always read and follow label directions.

Journey® HSOC

By WINFIELD UNITED

Journey® HSOC adjuvant is a methylated seed oil (MSO) based surfactant blend that includes proprietary MAX-IN™ Technology. This unique combination allows for increased pesticide uptake and effectiveness.

HSOCs (High Surfactant Oil Concentrates) are an evolution of oil adjuvant technology. Journey HSOC is an MSO based oil adjuvant, with differentiated performance when compared to a standard MSO.

Journey has three key features:

1. **MSO** to breakdown waxy surfaces to let herbicides penetrate the leaf.
2. **MAX-IN Technology** to keep droplets wetter longer, improving humectancy.
3. **MAX-IN Technology** for increased droplet coverage and spread.

FEATURES & BENEFITS

- Journey HSOC actively dissolves the waxy cuticle on weeds allowing for quicker and more complete active ingredient uptake and absorption into weeds.
- Contains MAX-IN Technology, which is proven to increase humectancy for droplet retention leading to improved uptake of herbicides for better performance and less herbicide loss to environmental factors like evaporation.
- Aggressively aids herbicide performance, especially on large weeds and under stressful, hot, dry conditions.
- Helps improve the performance of active ingredients that target grassy weeds and weeds with waxy leaf surfaces.
- Designed to be compatible with glyphosate tank mix partners requiring an oil adjuvant.
- Use Journey HSOC where MSOs are required.
- PMRA approved activator adjuvant.

Application Rates

0.5% v/v. Always consult product labels for recommended oil adjuvant rates. Adjuvant rates typically vary by product. When using spray volumes less than 10 US gal/acre do not apply Journey HSOC at less than 0.19 L/acre.

COMMON USE RATE
0.5% v/v

PACKAGING
2 x 10 L jugs/case
450 L tote

ACTIVE INGREDIENT
50% MSO, 50% Surfactant blend

PRODUCT GROUP
Methylated seed oil

MAX-IN Technology is a key component of Journey HSOC providing improved humectancy, droplet coverage and spread.

Always read and follow label directions.

Crimson® NG

By WINFIELD UNITED

Crimson® NG is a convenient liquid premix of ammonium sulfate (AMS) and a proprietary blend of water conditioning, coupling and antifoam agents. An AMS water conditioner that provides exceptional water conditioning, Crimson NG is designed for use with pesticides that may be affected by hard water or challenging application conditions. Crimson NG may also be used in other spray applications when the herbicide necessitates AMS additives.

FEATURES & BENEFITS

- Prevents herbicide antagonism for optimum performance.
- Enhanced formulation now contains antifoam for added convenience.
- Pre-dissolved to alleviate sedimentation and nozzle plugging.

Application Rates

Crimson NG rates are best determined from water test results.

Use 1-1.5% v/v for standard use and 2-2.5% v/v under extreme environmental conditions or when tank mixing with foliar micronutrients.

HELP PREVENT HERBICIDE ANTAGONISM

Many spray waters contain positively charged cations such as calcium, iron, magnesium, potassium and sodium that tie up (antagonize) pesticides such as glyphosate and glufosinate. Crimson NG conditions the water to prevent antagonism from hard water or when tank mixing with foliar micronutrients, both of which can impact the performance of the spray application.

COMMON USE RATE
1-2.5% v/v

APPLICATION GUIDE
Add and agitate spray solution prior to adding glyphosate or other herbicides[1]

PACKAGING
2 x 10 L jugs/case
450 L tote
1000 L tote

ACTIVE INGREDIENT
AMS (34%) and a proprietary blend of water conditioning, coupling and antifoam agents

PRODUCT GROUP
Utility modifier

Water quality can affect Groups 1, 9, 10 and 27. Test your water and add Crimson NG for optimum performance.

[1] Always refer to product label for specific tank mix instructions.

Always read and follow label directions.

InterLock®

By WINFIELD UNITED

InterLock®, a utility modifier adjuvant, is a drift control agent that improves spray pattern and reduces spray drift. InterLock works effectively with herbicides, fungicides, insecticides and desiccants.

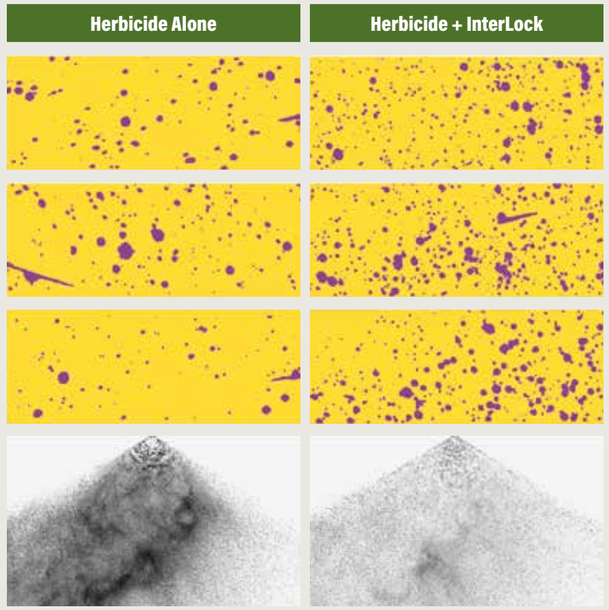
FEATURES & BENEFITS

- Contains technology exclusive to WinField United and is protected by three US patents.
- Reduces fine particles in spray pattern without thickening the spray or increasing the number of large undesirable sized droplets.
- Improves spray droplet sizing and reduces drift.
- For use with both ground and aerial applications.

Application Rates

Use InterLock at 0.15% v/v for drift reduction purposes. Always add InterLock to the spray tank last. InterLock should be used in conjunction with proper application procedures including boom height, nozzle type, size and pressure.

IMPROVED SPRAY PATTERN FOR DECREASED DRIFT



COMMON USE RATE
0.15% v/v

APPLICATION GUIDE
Multiple crop stages

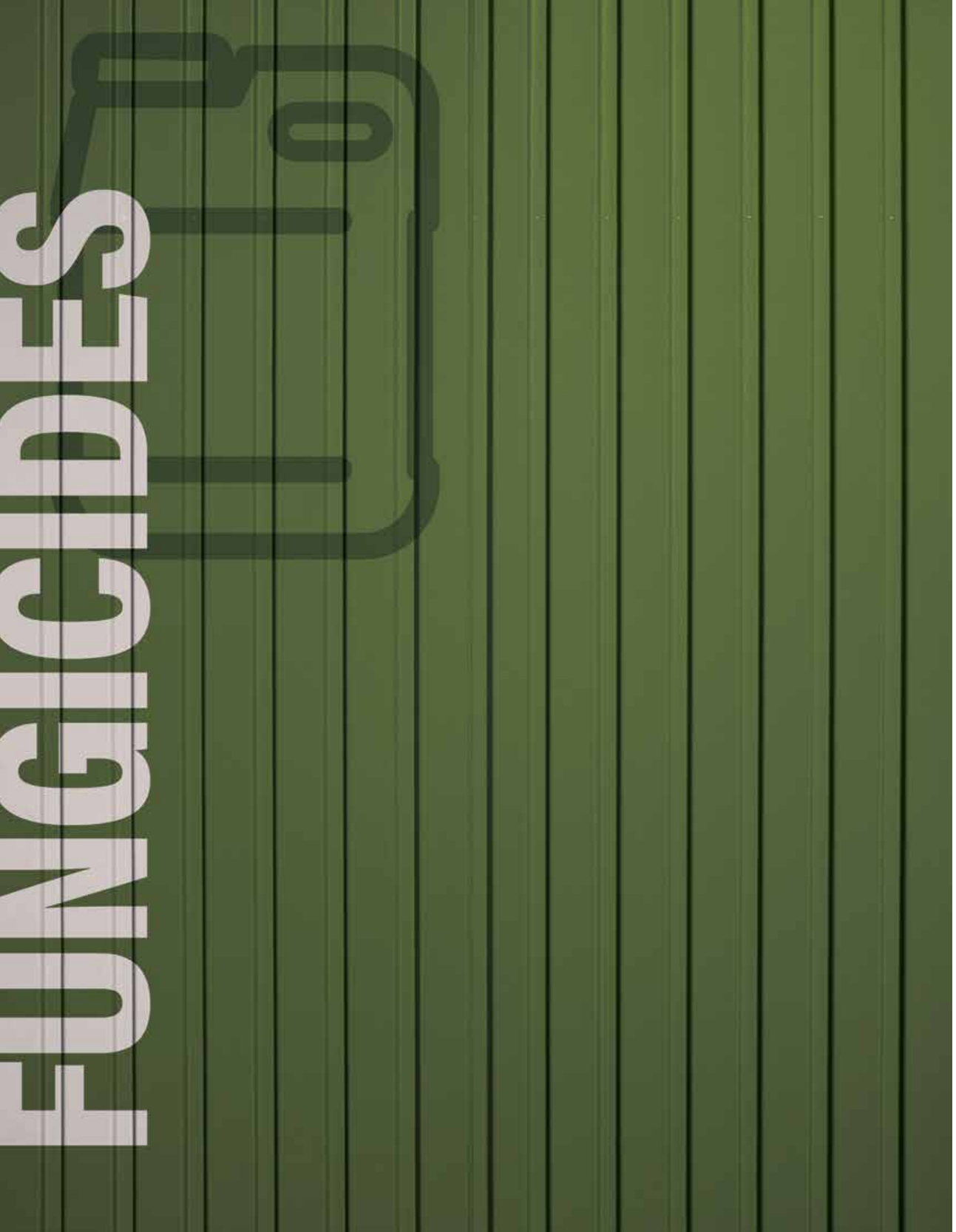
PACKAGING
2 x 10 L jugs/case
450 L tote

ACTIVE INGREDIENT
Drift control agent

PRODUCT GROUP
Utility modifier

InterLock is proven to decrease driftable fines by 50-70% across all nozzle types.

Always read and follow label directions.



Protect your plants (and your bottom line). Don’t let fungal diseases limit your yield quality or potential. Get broad-spectrum control of both soilborne and foliar crop diseases, rigorously tested in fields just like yours.

Holdfast®

By WinField United

ACTIVE Prothioconazole

Optimize yield potential of CROPLAN® canola, corn, soybean and sunflower with Holdfast®. Holdfast is a broad-spectrum systemic fungicide for the control or suppression of many diseases with flexible adjuvant selection based on water volume.
Adjuvant sold separately.

FEATURES & BENEFITS

- Holdfast is registered to suppress fusarium and gibberella ear rot and stalk rot pathogens in corn. Because of its activity on ear rot, Holdfast effectively reduces DON levels.
- High humidity in a lush canola canopy can contribute to sclerotia development. Choose Holdfast for reliable sclerotinia control.
- Holdfast may be tank mixed with an approved adjuvant such as MasterLock® or HiActivate® to improve sticking and spreading properties.

FOR USE ON
Canola, corn, soybean, sunflower, cereal crops and more

COMMON USE RATE
40 acres/jug
80 acres/case

RECOMMENDED ADJUVANT
MasterLock - 0.3% v/v

PACKAGING
2 x 5.1 L jugs/case

ACTIVE INGREDIENT
Prothioconazole 480 g/L

FUNGICIDE GROUP
Group 3

Spray coverage is essential for optimum efficacy. Utilize high water volumes + MasterLock for maximum spray deposition.

Application Rates

For best results use Holdfast at 128 mL/acre
1 jug treats 40 acres | 1 case treats 80 acres | add MasterLock at 0.3% v/v
Spray screens should be no finer than 50 micron mesh

Adjuvant Rates (select one of the following)

- MasterLock - 0.3% v/v
- HiActivate - 0.125% v/v

Minimum Water Volume	Rainfast
• Ground application 10-15 US gal/acre • Aerial application 5 US gal/acre	• 1 hour

Higher spray volumes are recommended where the crop is dense or disease pressure/risk is high to ensure good canopy penetration. Use high water volumes and MasterLock to maximize spray coverage.

Always read and follow label directions.

CROP PROTECTION PRODUCTS | FUNGICIDES AVAILABILITY WEST EAST

KEY DISEASES AND APPLICATION TIMING FOR HOLDFAST

Crop	Disease	Rate[1]	Application Timing
Canola	Sclerotinia	128-140 mL/acre (35-40 acres/jug) + adjuvant	20-50% bloom, prior to petal fall. Use higher rate if history of heavy disease pressure or dense crop stand.
Sunflower	Sclerotinia	170 mL/acre (30 acres/jug) + adjuvant	10-50% disk flower bloom.
Corn*	Rusts, eyespot, northern blight	128 mL/acre (40 acres/jug) + adjuvant	Apply as a preventative foliar spray when the earliest disease symptoms appear on the leaves and stems.
	Gray leaf spot, plus suppression of fusarium ear rot, gibberella ear rot, stalk rot pathogens	170 mL/acre (30 acres/jug) + adjuvant	Silking (Early R1, BBCH 63) to silk browning (R3, BBCH 67).
Soybean	Frogeye leaf spot, Asian soybean rust	85 mL/acre (60 acres/jug) + adjuvant	R1-R5 when first disease symptoms are found or when risk of infection is imminent. R2-R3 or at onset of pod formation is optimal.
Chickpeas	Ascochyta blight	128-170 mL/acre (30-40 acres/jug) + adjuvant	At first sign of disease. Maximum 3 applications per year.
Lentils	Ascochyta blight, white mold	128-170 mL/acre (30-40 acres/jug) + adjuvant	Beginning of flowering or at the first sign of disease. Maximum 2 applications per year.
Barley	Net blotch, scald, spot blotch	85-128 mL/acre (40-60 acres/jug) + adjuvant	Apply as a preventative foliar spray when the earliest disease symptoms appear on leaves and stems.
	Suppression of fusarium head blight	128-170 mL/acre (30-40 acres/jug) + adjuvant	70-100% of barley heads on the main stem are fully emerged to 3 days after full head emergence.
Wheat (spring, durum, winter)	Septoria leaf blotch, tan spot, leaf blotch	128 mL/acre (40 acres/jug) + adjuvant	Apply as a preventative foliar spray when the earliest disease symptoms appear on leaves and stems.
	Glume blotch, plus suppression of fusarium head blight	128-170 mL/acre (30-40 acres/jug) + adjuvant	At least 75% of heads on the main stem are fully emerged to when 50% of heads of the main stem are in flower.
Oats	Crown rust	128 mL/acre (40 acres/jug) + adjuvant	Apply as a preventative foliar spray when the earliest disease symptoms appear on the leaves and stems.

[1] Choose a non-ionic surfactant such as MasterLock at 0.3% v/v or HiActivate at 0.125% v/v.
*Do not apply a non-ionic surfactant with Holdfast prior to tassel emergence as crop injury may occur.

Always read and follow label directions.

Confine® Extra
By WinField United

Confine® Extra is a concentrated, phosphite–based fungicide that is used to suppress downy mildew and Phytophthora diseases in–crop on potatoes. For years, producers across Canada have also trusted Confine Extra to bring phenomenal protection to their stored potatoes when used as a post-harvest treatment to protect against silver scurf, late blight and pink rot.

APPLICATION INFORMATION

Depending on the crop, Confine Extra fungicide may be applied by a variety of methods, including:

- Foliar spray
- Soil drench
- Soil incorporation

In potatoes, Confine Extra fungicide may be applied post-harvest to inhibit fungal growth. Apply to Russet-skinned potatoes and processing potatoes.

APPLICATION GUIDE

Begin applications when conditions are favourable for disease and continue on a 7-14 day interval.

FOR USE ON
Potato and many other specialty crops

COMMON USE RATE
2-4 L/acre

PACKAGING
2 x 10 L jugs/case
1000 L tote

ACTIVE INGREDIENT
53% Mono- and di-potassium salts of phosphorus acid and 47% other ingredients

FUNGICIDE GROUP
Group 33

⚠ Always read and follow label directions.

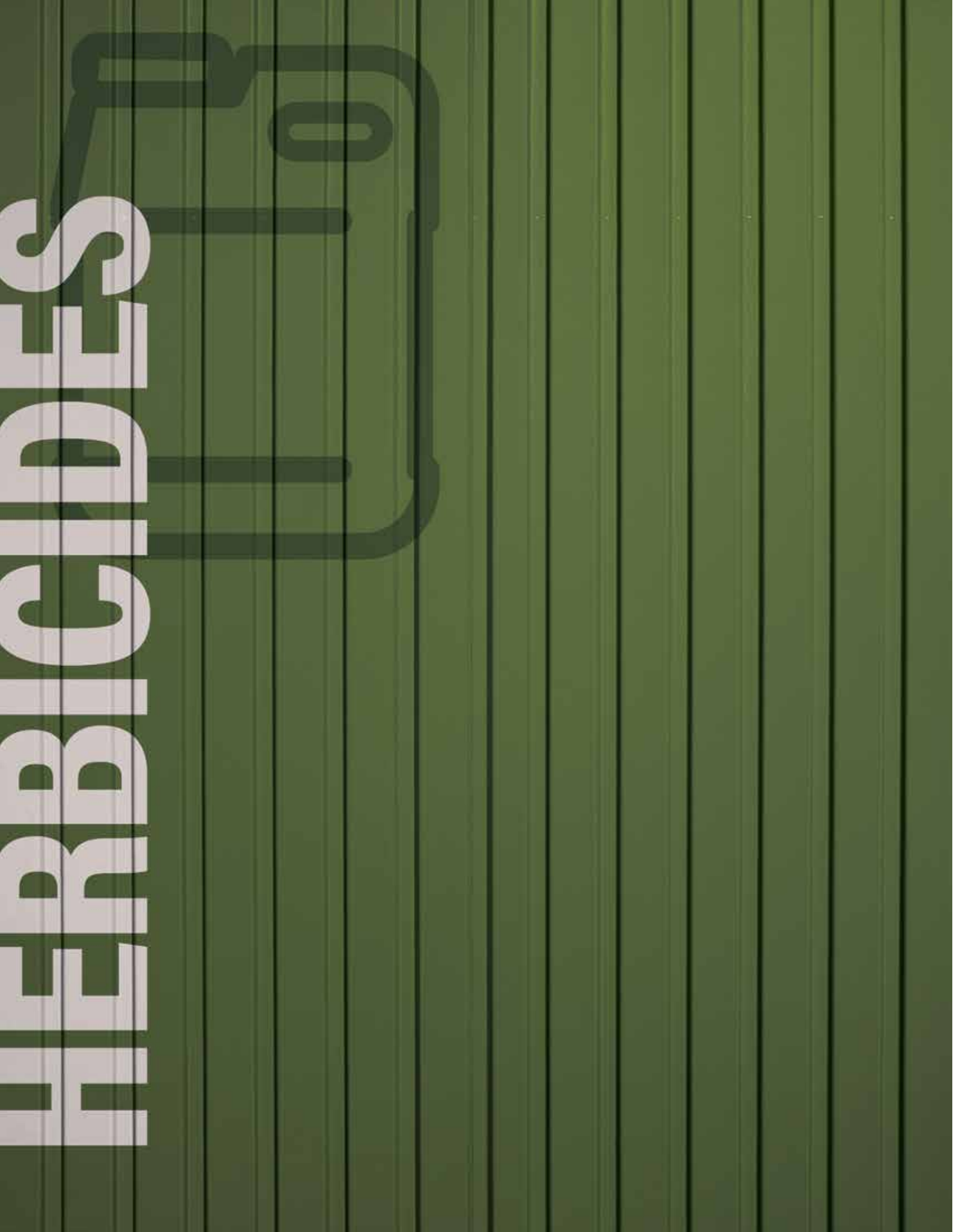
RECOMMENDED PRODUCT:

FEATURES: _____ PARTNERS (SEED OR CP): _____

RECOMMENDED PRODUCT:

FEATURES: _____ PARTNERS (SEED OR CP): _____

NOTES: _____



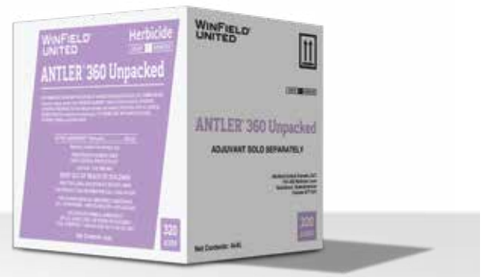
Give your crops the edge they need over weeds with WinField United Canada's extensive portfolio of herbicides. Backed by rigorous testing, reliable data and local agronomic support, we'll help you build a weed management plan for a cleaner field all season long.

Antler® 360 UNPACKED

By WINFIELD UNITED

ACTIVE Clethodim

Antler® 360 Unpacked provides the high-performance grass control you expect from a clethodim formulation, but with 50% more active ingredient per litre compared to a standard clethodim formulation. **Adjuvant sold separately**.



FEATURES & BENEFITS

- The most unique clethodim formulation on the market! This new formulation offers less storage and handling through the year while maintaining the same great grassy weed control. **One case treats 320 acres.**
- **Antler 360 Unpacked requires an adjuvant for maximum effectiveness.** ALWAYS tank mix with an approved oil based adjuvant such as Journey® HSOC at 0.5% v/v for suitable performance.
- Fast control of a broad spectrum of emerged annual and perennial grass weeds including wild oats, volunteer corn and volunteer cereals.

FOR USE ON
Most broadleaf crops including canola, pulse crops, soybean and more

COMMON USE RATE
80 acres/jug
320 acres/case

RECOMMENDED ADJUVANT
Journey HSOC - 0.5% v/v

PACKAGING
4 x 4 L jugs/case

ACTIVE INGREDIENT
Clethodim 360 g/L

HERBICIDE GROUP
Group 1

Application Timing

Most crops are tolerant at a wide range of stages, so target applications at the optimum weed stage. See label for more information.

Application Rates

For best results use Antler 360 Unpacked at 50 mL/acre

1 jug treats 80 acres | 1 case treats 320 acres | add Journey HSOC at 0.5% v/v

Adjuvant Rates (select one of the following)

- Journey HSOC - 0.5% v/v
- Destination™ MSO - 0.5% v/v

Top Tank Mixes

- On glufosinate tolerant canola tank mix Antler 360 Unpacked with Justice™ glufosinate
- Mixing order: Crimson NG, Antler 360 Unpacked, Justice glufosinate, Journey HSOC, InterLock®

Minimum Water Volume	Rainfast
• Ground application 6 US gal/acre • Aerial application 3 US gal/acre	• 1 hour, rainfast is typically limited by tank mix partners

Clethodim can be antagonized by hard water. Test your water and add Crimson® NG water conditioner for optimum performance.

WEEDS CONTROLLED

Key Weeds	Leaf Stage	Rate	Comments
Wild oats, volunteer cereals (wheat, barley, oats), green and yellow foxtail	2-4 leaf	33 mL/acre (120 acres/jug) + adjuvant	Use only in absence of stress do not tank mix with other pesticides
Volunteer corn, barnyard grass, fall panicum, witchgrass, proso millet, volunteer canary grass	2-6 leaf		
Wild oats, volunteer cereals (wheat, barley, oats), green and yellow foxtail, volunteer corn, barnyard grass, fall panicum, witchgrass, proso millet, volunteer canary grass, Persian darnel, crabgrass (smooth and large). Quackgrass (supression only)	2-6 leaf	50 mL/acre (80 acres/jug) + adjuvant	Registered for tank mix applications with glufosinate 150 at 1.35 L/acre and 1.62 L/acre
Quackgrass	2-6 leaf	100 mL/acre (40 acres/jug) + adjuvant	Rate not registered in chickpea or common bean

How does the Antler 360 Unpacked application rate compare to other clethodim based products?

Clethodim herbicides are available in different formulations and amount of active ingredient per litre. Antler 360 Unpacked has 360 grams of clethodim per litre. Antler® 240 and most other clethodim products contain 240 grams of clethodim per litre.

The table to the right displays the application rate in acres per smallest saleable unit that would apply the equivalent amount of clethodim active ingredient per acre. Note that Antler 240 is sold by the case. Antler 360 Unpacked is sold by the jug, with adjuvant sold separately.

Antler 360 Unpacked		Antler 240		Select®
mL per acre*				
33	=	50	=	50
50	=	75	=	75
100	=	150	=	150

*Use rates are generally rounded. Always read and follow label directions.

Antler 360 Unpacked		Antler 240		Select
acres per jug		acres per case		acres per case
120	=	60	=	60
80	=	40	=	40
40	=	20	=	20

*Use rates are generally rounded. Always read and follow label directions.

Antler® 240

By WINFIELD UNITED

ACTIVE Clethodim

Antler® 240 contains clethodim plus Journey® HSOC adjuvant all in one case for convenient post-emergent grassy weed control in a variety of crops.

FEATURES & BENEFITS

- Fast control of a broad spectrum of emerged annual and perennial grass weeds including wild oats, volunteer corn and volunteer cereals.
- Antler 240 can be tank mixed with a wide range of broadleaf tank mix options, including Liberty® and Justice™ to provide broad spectrum weed control.

FOR USE ON
Most broadleaf crops including canola, pulse crops, soybean and more

COMMON USE RATE
40 acres/case

RECOMMENDED ADJUVANT
Journey HSOC included in case

PACKAGING
3 L + 7.57 L jugs/case

ACTIVE INGREDIENT
Clethodim 240 g/L

HERBICIDE GROUP
Group 1

Grassy weeds typically have a waxy cuticle that gets thicker as weeds mature. Using a high quality oil adjuvant like Journey HSOC will maximize your herbicide performance.

Application Timing

Most crops are tolerant at a wide range of stages, so target applications at the optimum weed stage. See label for more information.

WEEDS CONTROLLED

Key Weeds	Leaf Stage	Rate
Wild oats, volunteer cereals (wheat, barley, oats), green and yellow foxtail	2-4 leaf	50 mL/acre (60 acres/case)
Volunteer corn, barnyard grass, fall panicum, witchgrass, proso millet, volunteer canary grass	2-6 leaf	
Wild oats, volunteer cereals (wheat, barley, oats), green and yellow foxtail, volunteer corn, barnyard grass, fall panicum, witchgrass, proso millet, volunteer canary grass, Persian darnel, crabgrass (smooth and large). Quackgrass (supression only)	2-6 leaf	75 mL/acre (40 acres/case)
Quackgrass	2-6 leaf	150 mL/acre (20 acres/case)

Application Rates

For best results use Antler 240 at 75 mL/acre

1 case treats 40 acres | Journey HSOC included in case (0.5% v/v)

Adjuvant Rates

- Journey HSOC included in case
- InterLock® for drift control

Minimum Water Volume

- Ground application 6 US gal/acre

Rainfast

- 1 hour, rainfast is typically limited by tank mix partners

Always read and follow label directions.

RECOMMENDED PRODUCT:

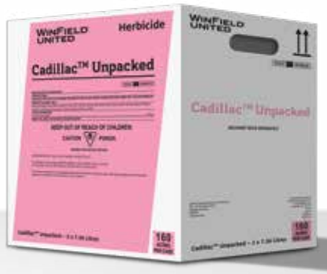
FEATURES: _____ PARTNERS (SEED OR CP): _____

RECOMMENDED PRODUCT:

FEATURES: _____ PARTNERS (SEED OR CP): _____

NOTES:

Cadillac™ UNPACKED
By WINFIELD UNITED



ACTIVE Clodinafop

Cadillac™ Unpacked provides the high-performance grass control you expect from clodinafop.
Adjuvant sold separately.

FEATURES & BENEFITS

- This unique clodinafop package offers a convenient amount of active ingredient, with adjuvant selection based on water volume. No left-over adjuvant! **One case treats 160 acres.**
- **Cadillac Unpacked requires an adjuvant for maximum effectiveness.** ALWAYS tank mix with an approved oil-based adjuvant such as Journey® HSOC for suitable performance.
- Compatible with a wide range of broadleaf tank mix options for broad spectrum weed control.
- Group 1 herbicides can be antagonized by hard water. Test your water and add Crimson® NG water conditioner for optimum performance.

FOR USE ON
Spring wheat and durum

CROP STAGING
Prior to the emergence of the fourth tiller

COMMON USE RATE
80 acres/jug
160 acres/case

RECOMMENDED ADJUVANT
Journey HSOC - 0.5% v/v

PACKAGING
2 x 7.36 L jugs/case

ACTIVE INGREDIENT
Clodinafop 240 g/L

HERBICIDE GROUP
Group 1

WEEDS CONTROLLED

Key Weeds	Leaf Stage	Rate
Wild oats	1-6 leaf prior to emergence of 4th tiller	92 mL/acre (80 acres/jug) + adjuvant
Volunteer oats	3-6 leaf prior to emergence of 4th tiller	
Green and yellow foxtail, barnyard grass	1-5 leaf	
Volunteer canary seed	1-6 leaf	
Persian darnel	1-5 leaf prior to tillering	117 mL/acre (63 acres/jug) + adjuvant

Application Rates

Use Cadillac Unpacked at 92 mL/acre
1 jug treats 80 acres | 1 case treats 160 acres | add Journey HSOC at 0.5% v/v

Adjuvant Rates (select one of the following)

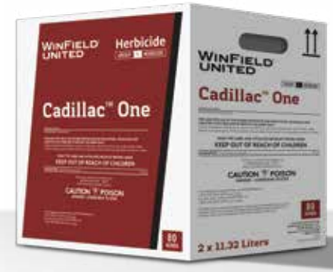
- Journey HSOC - 0.5% v/v
- Voyage COC - 1% v/v
- HiActivate - 0.32% v/v

Minimum Water Volume	Rainfast
• Ground application 5 US gal/acre • Aerial application 3 US gal/acre	• 30 minutes, rainfast is typically limited by tank mix partners

Group 1 herbicides cause meristem damage to target weeds. The newest leaf of affected grasses can be easily pulled from the crown.

Always read and follow label directions.

Cadillac™ One
By WINFIELD UNITED



ACTIVE Clodinafop

Cadillac™ One delivers trusted crop safety while providing exceptional control of wild oats, with pre-mixed adjuvant built into the formulation.

FEATURES & BENEFITS

- Group 1 grass weed herbicide in wheat with proven crop safety and tank mix flexibility.
- Compatible with a wide range of broadleaf tank mix options for broad spectrum weed control.
- Convenient bulk packaging treats 320 acres per drum.

FOR USE ON
Spring wheat and durum

CROP STAGING
Prior to the emergence of the fourth tiller

COMMON USE RATE
40 acres/jug
80 acres/case
320 acres/drum

PACKAGING
2 x 11.3 L jugs/case
90.6 L drum

ACTIVE INGREDIENT
Clodinafop 80 g/L

HERBICIDE GROUP
Group 1

WEEDS CONTROLLED

Key Weeds	Leaf Stage	Rate
Wild oats	1-6 leaf prior to emergence of 4th tiller	283 mL/acre (40 acres/jug) (320 acres/drum)
Volunteer oats	3-6 leaf prior to emergence of 4th tiller	
Green and yellow foxtail, barnyard grass	1-5 leaf	
Volunteer canary seed	1-6 leaf	
Persian darnel	1-5 leaf prior to tillering	324 mL/acre (32 acres/jug) (256 acres/drum)

Application Rates

Use Cadillac One at 283 mL/acre
1 jug treats 40 acres | 1 case treats 80 acres

Adjuvant Rates

- Adjuvant included in formulation
- InterLock® for drift control

Minimum Water Volume	Rainfast
• Ground application 5 US gal/acre • Aerial application 3 US gal/acre	• 30 minutes, rainfast is typically limited by tank mix partners

Group 1 herbicides cause meristem damage to target weeds. The newest leaf of affected grasses can be easily pulled from the crown.

As of September 2020, the Pest Management Regulatory Agency (PMRA) requires the use of closed transfer and systems for clodinafop-propargyl products if mixing and loading more than 15 kg a.i. in one day. Direct transfer of Cadillac One from 90.6 L drums to the chemical handler and/or sprayer tank will require dry poppet connections. Equipping your spray operation with dry poppet connections from the drum to the tank meets the closed-system transfer requirement. Please refer to the current label for full product-use details.

Always read and follow label directions.

Cavalier® 333

By WinField United

ACTIVE Fluroxypyr

A flexible tank mix option to tackle hard to kill weeds including cleavers, Group 2+9 resistant kochia, round-leaved mallow and wild buckwheat.

FEATURES & BENEFITS

- Cavalier creates unique tank mix options for optimum control of local weed populations at an attractive cost.
- Highly compatible formulation for optimal tank mix flexibility giving you the weed control you require – including Group 2 resistant kochia.
- Cavalier works by binding to auxin receptors. Add Cavalier to the tank mix to aid in herbicide resistance management when mixed with additional effective sites of action.

Application Timing

Apply to spring crops from the 2-leaf stage up to and including the initiation of stem elongation. Apply to winter wheat in the spring from the 3 tiller stage to just before flag leaf. See label for more information.

WEEDS CONTROLLED

Key Weeds	Leaf Stage	Rate
Cleavers	1-8 whorl	125 mL/acre (80 acres/jug)
Kochia*	2-8 leaf	125 mL/acre (80 acres/jug)
Round-leaved mallow	1-6 leaf	166 mL/acre (60 acres/jug)
Chickweed*	up to 8 cm	166 mL/acre (60 acres/jug)

* Including biotypes resistant to Group 2 herbicides (ALS inhibitors)

For adequate weed control, always tank mix Cavalier 333 with another broadleaf partner.

Adjuvant Rates

- InterLock® for drift control

Minimum Water Volume	Rainfast
• Ground application 6 US gal/acre • Aerial application 3 US gal/acre	• 1 hour

For proper herbicide resistance management, Cavalier should always be used in combination with other herbicides, such as: 2,4-D, MCPA, bromoxynil, or other active ingredients that are registered for use on the same crops and timing.

FOR USE ON
Spring wheat, winter wheat, durum, barley and oats

COMMON USE RATE
60-80 acres/jug
120-160 acres/case

PACKAGING
2 x 10 L jugs/case

ACTIVE INGREDIENT
Fluroxypyr 333 g/L

HERBICIDE GROUP
Group 4

Fluroxypyr activity is influenced by weather conditions. The temperature range for optimum activity is 12°C to 24°C.

BE SURE OF YOUR FORMULATION!

Cavalier® 180 was previously sold by WinField United Canada.

Scan here for more information on Cavalier 180.

Always read and follow label directions.

Foremost®

By WinField United

ACTIVE Carfentrazone

Be at the forefront of resistance management with Foremost® herbicide. This Group 14 mode of action controls resistant broadleaf weeds in a pre-seed burndown application with flexible cropping options.

FEATURES & BENEFITS

- Foremost provides effective burn-off of hard-to-control weeds, including kochia (Group 2, 4 and 9 resistant), cleavers (Group 2 and 4 resistant), flixweed, lamb's-quarters and redroot pigweed.
- As part of a good weed resistance management strategy, Foremost (Group 14) should always be used in combination with other products such as Stonewall® 540 (Group 9) and Starbuck™ (Group 6).
- Choose your desired rate, based on weed spectrum, staging and tank mix strategy.

Application Timing

For pre-seed application prior to seeding: canola, corn, soybean, pulses (including lentil and chickpea), wheat, barley, oats, rye, sunflower, potato and more.

Application Rates	Product Rate	Acres/jug
Standard burn-off or when tank mixing with an additional glyphosate add-in such as Starbuck	15 mL/acre	160
Use when weed spectrum includes moderate pressure or larger weeds	24 mL/acre	100
Glyphosate resistant weeds (kochia, volunteer canola) Large overwintering cleavers Heavy weed pressure of large weeds	30 mL/acre	80

Adjuvant Rates

- When using Foremost alone, add HiActivate® at 0.25% v/v. Work is ongoing with WinField United oil adjuvants.

Minimum Water Volume	Rainfast
• Ground application 10 US gal/acre	• 6-8 hours

FOR USE ON
Pre-seed applications

COMMON USE RATE
80-160 acres/jug
320-640 acres/case

PACKAGING
4 x 2.4 L jugs/case

ACTIVE INGREDIENT
Carfentrazone 240 g/L

HERBICIDE GROUP
Group 14

Did you know Foremost is a Group 14 contact herbicide? Coverage is essential for good control. Use high water volumes and add a deposition aid to your tank.

Always read and follow label directions.

Justice™ By WinField United

ACTIVE Glufosinate

Justice™ glufosinate delivers strong weed control along with other user friendly and crop safety benefits. Tank mix Justice with Crimson® NG and InterLock® to combat issues with hard water and minimize drift.

FEATURES & BENEFITS

- Glufosinate can be deactivated by hard water sources. Tank mix with Crimson NG to prevent issues caused by hard water.
- Glufosinate is a contact herbicide, which means coverage is the key to success. Tank mix with InterLock to minimize drift.
- New user-friendly formulation with improved flowability, and has been tested for consistent crop safety in various environmental conditions.
- Tank mix with Antler® brands for enhanced grassy weed control.

FOR USE ON
Glufosinate-tolerant canola

CROP STAGING
Cotyledon to just prior to bolting

COMMON USE RATE
80 acres/drum
370 acres/tote

PACKAGING
108 L drum
500 L tote

ACTIVE INGREDIENT
Glufosinate 150 g/L

HERBICIDE GROUP
Group 10

For optimum performance, apply Justice on warm and sunny days. Add Crimson NG to overcome antagonism caused by hard water.

Application Rates

For best results, use Justice at 1.35-1.62 L/acre plus Crimson NG at up to 2.5% v/v.

1 drum treats 67-80 acres | 1 tote treats 308-370 acres

Early application at 1.35 or 1.62 L/acre may be followed by a second application.

Do not apply more than 2.97 L/acre of Justice in a single season.

Adjuvant Rates

- Crimson NG up to 2.5% v/v
- InterLock for drift control

Minimum Water Volume

- Ground application 12 US gal/acre
- Aerial application 6 US gal/acre

Rainfast

- 4 hours

Always read and follow label directions.

RECOMMENDED RATES FOR JUSTICE

Key Weeds	Leaf Stage	Rate
Barnyard grass	1-4 leaf	1.35 L/acre
Canada thistle[1]	Up to 10 cm height	1.35 L/acre
Cleavers	1-2 whorls	1.35 L/acre
Common chickweed	1-4 leaf pairs	1.35 L/acre
Cow cockle	1-4 leaf	1.35 L/acre
Dandelion	Up to 15 cm rosette	1.35 L/acre
Flixweed	Up to 10 cm height	1.35 L/acre
Green foxtail	1-6 leaf, 3 tillers	1.35 L/acre
Hemp-nettle	1-4 leaf pairs	1.35 L/acre
Kochia	Up to 8 cm height	1.35 L/acre
Lady's-thumb	1-6 leaf	1.35 L/acre
Lamb's-quarters	1-6 leaf	1.35 L/acre
Perennial sow thistle	1-8 leaf	1.35 L/acre
Quackgrass[3]	1-4 leaf	1.35 L/acre
Redroot pigweed	1-4 leaf	1.35 L/acre
Round-leaved mallow	1-4 leaf	1.35 L/acre
Russian thistle	Up to 8 cm height	1.35 L/acre
Scentless chamomile	Up to 10 cm height	1.35 L/acre
Shepherd's purse	1-6 leaf	1.35 L/acre
Smartweed	1-6 leaf	1.35 L/acre
Stinkweed	1-8 leaf	1.35 L/acre
Stork's-bill	1-3 leaf	1.35 L/acre
Volunteer barley[2]	1-4 leaf, 2 tillers	1.35 L/acre
Volunteer flax	Up to 6 cm height	1.35 L/acre
Volunteer wheat	1-4 leaf, 2 tillers	1.35 L/acre
Wild buckwheat	1-3 leaf	1.35 L/acre
Wild mustard	1-5 leaf	1.35 L/acre
Wild oats	1-4 leaf, 2 tillers	1.35 L/acre
Canada thistle[4]	Up to 10 cm height	1.62 L/acre
Quackgrass[5]	1-4 leaf	1.62 L/acre

[1] Top growth suppression only
[2] Suppression only
[3] Improved top growth control
[4] Better top growth suppression
[5] Season long control for heavy populations

Always read and follow label directions.

Starbuck™

By WinField United

ACTIVE Bromoxynil

Starbuck™ provides tough broadleaf weed control with flexible tank mix options and excellent crop safety.

FEATURES & BENEFITS

- Strong control of buckwheat, velvetleaf, common ragweed, common groundsel and lamb's-quarters.
- Compatible with a wide range of graminicides and broadleaf tank mix options for broad spectrum weed control.

Application Timing

Apply to spring cereal crops from 2-leaf stage until early flag leaf. Apply to winter wheat in the fall from 2-4 leaf stage, and in spring from growth initiation to early flag. See label for more information.

Apply to corn from 4-8 leaf stage.

Pre-seed application in canola, wheat, barley and oats – add Starbuck at 485 mL/acre (20 acres/jug) tank mixed with Stonewall® 540 at 333 mL/acre and HiActivate®.

WEEDS CONTROLLED

Key Weeds	Staging
Wild buckwheat, Tartary buckwheat, common buckwheat, common groundsel, lamb's-quarters	Seedling to 8-leaf
Wild mustard, cow cockle, green smartweed, pale smartweed, lady's-thumb, stinkweed, cocklebur, pigweed, common ragweed, velvetleaf*, bluebur, American nightshade	Seedling to 4-leaf
Kochia, Russian thistle	Prior to 2" in height

*prior to 3" in height

Application Rates

For best results use Starbuck at 485-570 mL/acre

1 jug treats 17-20 acres | 1 case treats 34-40 acres | 1 drum treats 200-240 acres

Use higher rate in adverse growing conditions or with advanced weed staging.

Adjuvant Rates

- InterLock® for drift control

Volume	Rainfast
• Ground application 10 US gal/acre • Aerial application (wheat and barley only) 3 US gal/acre	• 30 minutes, rainfast is typically limited by tank mix partners

FOR USE ON
Spring wheat, winter wheat, barley, oats, fall rye, flax, corn and more

Pre-seed application for canola, wheat, barley and oat

COMMON USE RATE
20 acres/jug
40 acres/case
240 acres/drum

PACKAGING
2 x 9.7 L jugs/case
115 L drum

ACTIVE INGREDIENT
Bromoxynil 240 g/L

HERBICIDE GROUP
Group 6

Did you know Starbuck is a contact herbicide and coverage is critical for adequate performance? Use 10 gallons of water + InterLock as a drift reduction aid.

Always read and follow label directions.

Stellar™ UNPACKED

HERBICIDE

ACTIVE Florasulam + Fluroxypyr

The stellar weed control you expect, now with the ability to choose the phenoxy and rate that fits your weed spectrum. **Phenoxy sold separately.**

FEATURES & BENEFITS

- This unique formulation is designed to be tank mixed with your phenoxy of choice.
- Stellar Unpacked gives you the flexibility to choose your phenoxy and rate based on your local weed spectrum. Design your perfect tank mix. **Always tank mix with a phenoxy.**
- Add 2,4-D to Stellar Unpacked for a unique brown soil zone application.

Application Timing

Apply to actively growing wheat, barley and oat from the 2-leaf expanded to 6-leaf stage.

WEEDS CONTROLLED

Stellar Unpacked at 405 mL/acre + Tank Mix Partner	Rate	Key weeds
2,4-D Ester 700	172 mL/acre (4 oz rate)	Cleavers, chickweed, kochia[1], lamb's-quarters, volunteer canola[2], volunteer flax, wild buckwheat
	215-258 mL/acre (5-6 oz rate)	Weeds listed above plus: Flixweed, redroot pigweed, shepherd's purse, stinkweed, stork's-bill, wild mustard
MCPA Ester 600	189 mL/acre (4 oz rate)	Cleavers, chickweed, kochia[1], lamb's-quarters, volunteer canola[2], volunteer flax, wild buckwheat
	236 mL/acre (5 oz rate)	Weeds listed above plus: Flixweed, hempnettle, redroot pigweed, shepherd's purse, smartweed, stork's-bill[3], wild mustard

[1] Including Group 2 resistant biotypes
[2] Including imidazolinone tolerant volunteer canola
[3] Suppression only

Application Rates

For best results use Stellar Unpacked at 405 mL/acre

1 jug treats 20 acres | 1 drum treats 240 acres

Do not apply Stellar Unpacked alone. Always tank mix Stellar Unpacked with a phenoxy. Partner with an appropriate graminicide, do not tank mix with clodinafop.

Minimum Water Volume	Rainfast
• Ground application 10 US gal/acre	• Rainfast is typically limited by tank mix partners

FOR USE ON
Spring wheat, durum, barley and oat

COMMON USE RATE
20 acres/jug
40 acres/case
240 acres/drum

PACKAGING
2 x 8.1 L jugs/case
97.1 L drum

ACTIVE INGREDIENT
Florasulam 2.5 g/L
Fluroxypyr 100 g/L

HERBICIDE GROUP
Group 2 + 4

Stellar Unpacked is exclusively distributed by WinField United Canada to independent ag retails. It is a proud partnership between Corteva™ and WinField United.

Always read and follow label directions.

Stonewall® 540

By WINFIELD UNITED

ACTIVE Glyphosate

Stonewall® 540 provides grass and broadleaf weed control in glyphosate tolerant crops.

FEATURES & BENEFITS

- Stonewall 540 is a post-emergent, non-selective herbicide that is absorbed and translocated through weeds for "shoots-to-roots" control.
- Stonewall 540 controls more than 100 annual and perennial weeds and includes versatile use patterns including in-crop applications in Roundup Ready® and TruFlex™ canola crops, as well as pre-seed, pre-harvest and post-harvest applications.
- Hard water can reduce the activity of glyphosate. Test your water and add Crimson® NG to reduce the effects of hard water and other cations.

Application Timing

Varies by crop type, see label for more information.

WEEDS CONTROLLED

Ensure appropriate rate is selected based on weed type and weed stage.

Alfalfa, annual sow thistle, barnyard grass, Canada fleabane, Canada thistle, chickweed, cleavers, corn spurry, cow cockle, crabgrass, curled dock, dandelion, downy brome, field bindweed, flixweed, foxtail barley, green foxtail, green smartweed, hemp-nettle, Japanese knotweed, kochia (non-glyphosate resistant biotypes), lady's-thumb, lamb's-quarters, narrow-leaved hawk's beard, night flowering catchfly, perennial sow thistle, Persian darnel, prickly lettuce, quackgrass, ragweed, redroot pigweed, round-leaved mallow, Russian thistle, shepherd's purse, smooth bromegrass, smooth pigweed, stinkweed, stork's-bill, velvetleaf, volunteer canola, volunteer cereals, volunteer flax, volunteer mustard, wild mustard, wild buckwheat, wormwood.

Application Rates

0.2-3.2 L/acre. Select rate based on weed species and stage based on registered use pattern.

Adjuvant Rates

- Crimson NG up to 2.5% v/v
- InterLock® for drift control

Minimum Water Volume

- Ground application 5 US gal/acre
- Aerial application 2 US gal/acre*

Rainfast

- 1 hour

*Do not apply by air except for pre-harvest aerial application.

FOR USE ON
Glyphosate tolerant: corn, canola, soybean and sugarbeet. Plus pre-seed, pre-harvest, post-harvest, chemfallow and vegetation management.

For pre-harvest applications visit **www.keepingitclean.ca** and observe appropriate pre-harvest intervals.

COMMON USE RATE
Varies based on crop and weed stage

PACKAGING
2 x 10 L jugs/case
115 L drum
500 L, 800 L, 1000 L tote

ACTIVE INGREDIENT
Glyphosate (K+) 540 g/L

HERBICIDE GROUP
Group 9

Always tank mix with multiple modes of action targeted at the most troublesome weeds or those most prone to herbicide resistance.

Always read and follow label directions.

RECOMMENDED PRODUCT:

FEATURES: _____ PARTNERS (SEED OR CP): _____

RECOMMENDED PRODUCT:

FEATURES: _____ PARTNERS (SEED OR CP): _____

NOTES:

Craven®

By WinField United

ACTIVE Diquat

Craven® provides control over harvest timing by providing fast drydown of crops. Craven desiccant can be used across many crops, including those grown for seed production. **Adjuvant sold separately.**

FEATURES & BENEFITS

- Craven helps facilitate direct combining of many crops including lentils, peas and canola. Depending on weather conditions, harvest of most crops may begin 4-10 days following application.
- Craven requires an adjuvant for maximum effectiveness. **ALWAYS** tank mix with an approved adjuvant such as HiActivate® to deliver full performance, unless otherwise stated.
- Always follow appropriate pre-harvest intervals. Visit www.keepingitclean.ca for the most up to date recommendations.

Adjuvant Rates	
▪ HiActivate - 0.1% v/v	▪ InterLock® for drift control
Minimum Water Volume	**Rainfast**
▪ Ground application 24 US gal/acre, 58 US gal/acre for potatoes ▪ Aerial application 5 US gal/acre	▪ 15 minutes

COMMON USE RATE
14 acres/jug
160 acres/drum
650 acres/tote

RECOMMENDED ADJUVANT
HiActivate - 0.1% v/v

PACKAGING
2 x 10 L jug/case
115 L drum
450 L tote

ACTIVE INGREDIENT
Diquat 240 g/L

HERBICIDE GROUP
Group 22

For optimum performance, apply Craven in low light conditions. Add InterLock to protect against off target movement.

CROP PROTECTION PRODUCTS | HERBICIDES AVAILABILITY WEST EAST

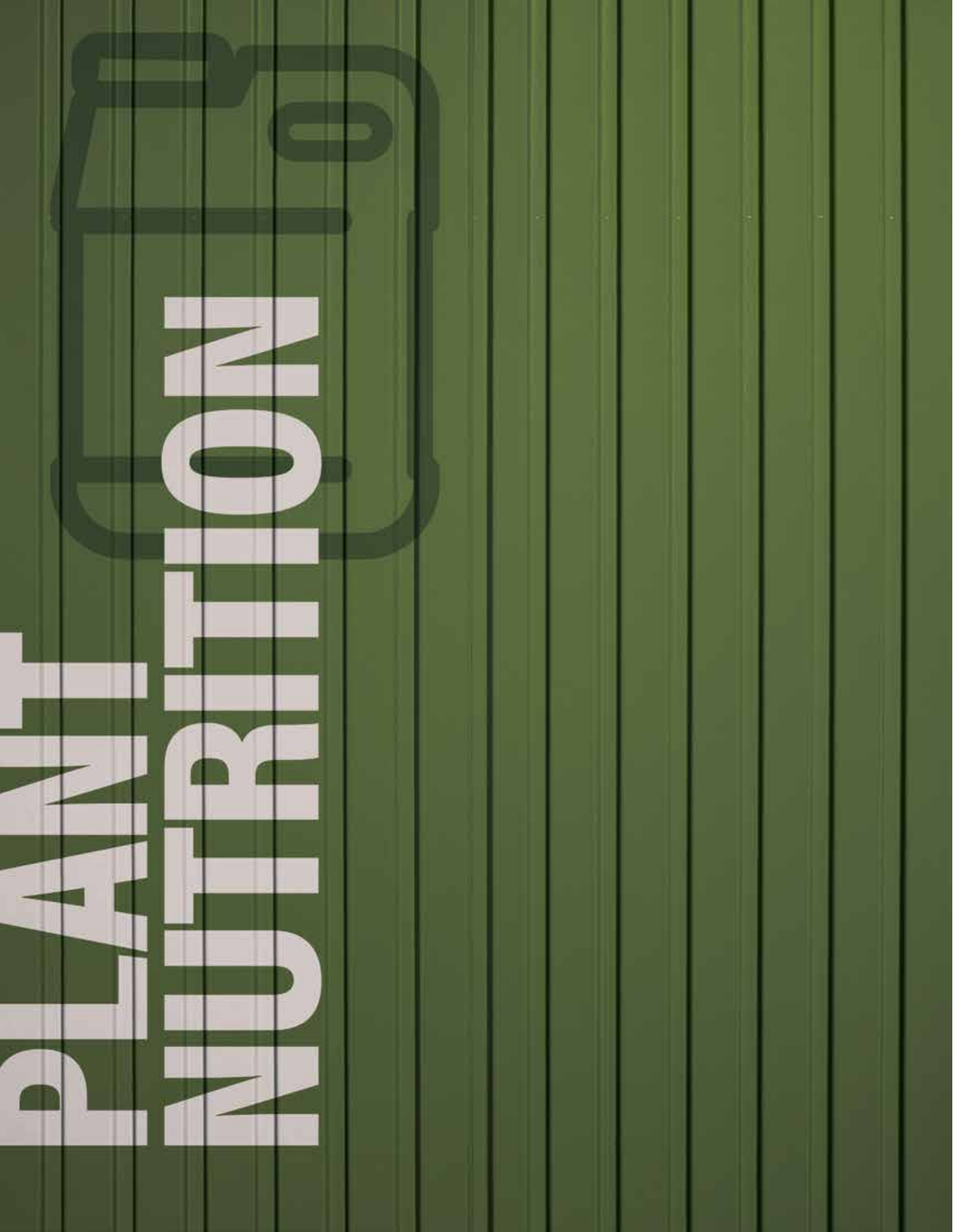
CROP STAGING AND APPLICATION RATES FOR CRAVEN

		Craven Rate (L/acre)	
Crop	**Stage**	**Ground**	**Aerial**
Soybean, dry bean (white and red kidney, adzuki)	Crop has lost 80-90% of leaves, and 80% of pods have turned yellow	0.5-0.69	0.69-0.93
Canola	>90% seeds turned brown	0.5-0.69	0.69-0.93
Chickpea	Plants have yellowed, pods matured, seeds changed colour and detached from pods	0.5-0.69	0.69
Flax	75% of bolls turned brown	0.5-0.69	0.69-0.93
Fababean	Plants are ripe and dry Pods are fully filled and bottom pods are black or tan in colour	0.5-0.69	0.69-0.93
Lentil	Lowest pods are light brown and rattle when shaken	0.5-0.69	0.69-0.93
Mustard (condiment type only)	75% seed colour change	0.5-0.69	0.69-0.93
Peas (field or dry)	Bottom pods are ripe and dry, seeds detached from pods Seed in less mature pods will split when squeezed	0.5-0.69	0.69-0.93
Sunflower	Back of the head is yellow and bracts are brown to the shoulder (20-50% moisture in seed and hull)	0.5-0.69	0.69-0.93
Potato (top growth mature and few weeds)	Two weeks prior to harvest	0.5	Requires 2 Passes
Potato (some top growth and/or some weeds)		0.69-0.93*	Pass 1: 0.69-0.93*
Potato (dense crop, heavy weed infestations)		1.42*	Pass 2: 0.5 (4-5 days after Pass 1)
Forage legumes for seed production (alfalfa, birdsfoot trefoil, red and white clover)	Majority of the pods are ripe, but prior to shatter	0.69-1.1	0.69-1.0

*DO NOT use adjuvant on potato except at the 0.5 L/acre ground application rate

Use high rates for dense crops and/or heavy weed infestations. Use of high rates for canola and chickpea is recommended.

HARMFUL OR FATAL IF SWALLOWED. CAUSES SEVERE EYE AND SKIN INJURY. EFFECTS CAN BE DELAYED. TAKE IMMEDIATE ACTION IF SPLASHED ON SKIN OR IN EYES AND SEEK MEDICAL ATTENTION.



Maintain the health and yield potential of your crops. Versatile and rigorously tested, our crop nutrition products are specially formulated to meet the nutritional needs of crops across a broad range of soil conditions, fertility programs and tillage practices.

MAX-IN®
By WinField United

Foliar Micronutrients with MAX-IN® Technology

MAX-IN products are foliar-applied micronutrients that supply source nutrients that are vital for plant health and growth. MAX-IN products contain MAX-IN Technology to greatly increase the movement of micronutrients through the leaf cuticle and into internal structures.

FEATURES & BENEFITS

- Contains MAX-IN Technology, designed to increase humectancy to make more of the applied nutrient available for plants.
- Can be used in a broad spectrum of crops, and is easily mixed with most other crop nutrients and crop protection products.

COMPATIBILITY

- MAX-IN micronutrients easily mix with other plant nutrients and most crop protection products, including glyphosate-based herbicides.
- When MAX-IN micronutrients are tank-mixed with glyphosate, an AMS source such as Crimson® NG should always be used.

MAX-IN® Boron
By WinField United

MAX-IN® Boron is an effective foliar-applied source of boron that is specially formulated to increase the movement of micronutrients through the leaf cuticle and into internal structures.

COMMON USE RATE
Most crops:
0.35-0.71 L/acre

PACKAGING
2 x 10 L jugs/case
450 L tote

APPLICATION GUIDE
Foliar
Corn: V3-V9
Canola: 5 leaf-30% bloom
Cereals: GS 21-GS 33
Soybean: V3-R1

ACTIVE INGREDIENT
8.0% Boron

⚠ Always read and follow label directions.

PLANT NUTRITION | MICRONUTRIENTS AVAILABILITY WEST EAST

MAX-IN® Copper
By WinField United

MAX-IN® Copper is an effective foliar-applied source of copper. Copper helps activate several enzyme systems. It is involved in cell wall formation and is necessary for protein synthesis. Copper deficiency causes a buildup of soluble nitrogen compounds. Copper also plays a key role in the plant immune system and plant health.

COMMON USE RATE
Most crops:
0.24-0.3* L/acre

PACKAGING
2 x 10 L jugs/case
450 L tote

APPLICATION GUIDE
Foliar
Cereals: GS 21-GS 33
Corn: V3-V8

ACTIVE INGREDIENT
5.0% Copper

MAX-IN® Ultra Manganese
By WinField United

MAX-IN® Ultra Manganese is an effective foliar-applied source of manganese. Manganese is essential for photosynthesis in all plants and is especially important in legumes. It increases nitrogen metabolism and carbohydrate utilization. Manganese plays a key role in plant immune systems to increase resistance or tolerance to plant diseases.

COMMON USE RATE
Most crops:
1-2* L/acre

PACKAGING
2 x 10 L jugs/case
450 L tote

APPLICATION GUIDE
Foliar
Soybeans: V3-V5

ACTIVE INGREDIENT
5.0% Manganese

RECOMMENDED ADJUVANT
Add Crimson® NG when tank mixed with glyphosate

MAX-IN® Ultra ZMB®
By WinField United

MAX-IN® Ultra ZMB® combines zinc, manganese and boron into one convenient and effective foliar micronutrient product. Zinc is part of auxin, a well-known plant growth hormone, and aids in leaf growth. Manganese is essential for photosynthesis in all plants, and plays a key role in resistance of plant diseases. Boron influences cell development and is essential during reproductive stages.

COMMON USE RATE
Most crops:
1-2 L/acre

PACKAGING
2 x 10 L jugs/case
450 L tote

APPLICATION GUIDE
Foliar
Corn: V3-V8
Canola: 5 leaves-30% bloom
Cereals: GS 21-GS 33
Soybean: V3-R1

ACTIVE INGREDIENTS
4.0% Zinc
3.0% Manganese
0.12% Boron
3.6% Sulphur

RECOMMENDED ADJUVANT
Add Crimson NG when tank mixed with glyphosate

*A second application may be needed. See label for other listed crops and rates of application.

Ultra-Che®
By WINFIELD UNITED

Soil Applied Micronutrients Protected by EDTA Chelation
The Ultra-Che® line of micronutrients are the only 100% EDTA chelated products for reduced nutrient tie-up in the soil and therefore increased nutrient efficiency and availability to plants. The chelators in Ultra-Che micronutrients provide the strongest and most reliable protection against micronutrient deactivation.

FEATURES & BENEFITS

Chelating agents in Ultra-Che micronutrients:

- Provide strong protection against immobilization of metal ion micronutrients to help keep products stable and plant-available.
- Help supply nutrients more efficiently.
- Help increase compatibility of Ultra-Che micronutrients with other products.

USES & COMPATIBILITY

Ultra-Che micronutrients can be used on a variety of crops with flexible timing, including pre-plant, starter, side-dress or fertigation. Ultra-Che micronutrients are generally compatible with pesticides and easily mix with starter or pop-up fertilizers for optimum early-season nutrition for your crops.

Ultra-Che micronutrients are specifically designed for in-furrow applications.

Ultra-Che® Copper
By WINFIELD UNITED

Ultra-Che® Manganese
By WINFIELD UNITED

Ultra-Che® Zinc
By WINFIELD UNITED

PRODUCT LINE

Products	Formulation	Application Guide	Rate	Packaging
Ultra-Che Copper 7.5% EDTA	7.5% Chelated Copper 7.0% Nitrogen	Pre-plant Starter Side-dress	0.5-4 L/acre	2 x 10 L jugs/case 1000 L tote
Ultra-Che Manganese 6% EDTA	6.0% Chelated Manganese 3.0% Nitrogen	Pre-plant Starter Side-dress	0.5-4 L/acre	2 x 10 L jugs/case 1000 L tote
Ultra-Che Zinc 9% EDTA	9.0% Chelated Zinc 7.0% Nitrogen	Pre-plant Starter Side-dress	1-6 L/acre	2 x 10 L jugs/case 1000 L tote

⚠ Always read and follow label directions.

Liquid Boron 10%
By WINFIELD UNITED

Liquid Boron 10% is effective as a readily available source of boron for application at seeding. The easy-to-use formulation can be mixed with many other liquid fertilizers and performs well across a broad range of soil conditions, fertility programs and application technologies.

COMMON USE RATE
1-2 L/acre

PACKAGING
2 x 10 L jugs/case
450 L tote

APPLICATION GUIDE
Soil application
at seeding

ACTIVE INGREDIENT
10% Boron

Liquid Boron 10% provides a cost-effective option for soil-applied liquid boron.

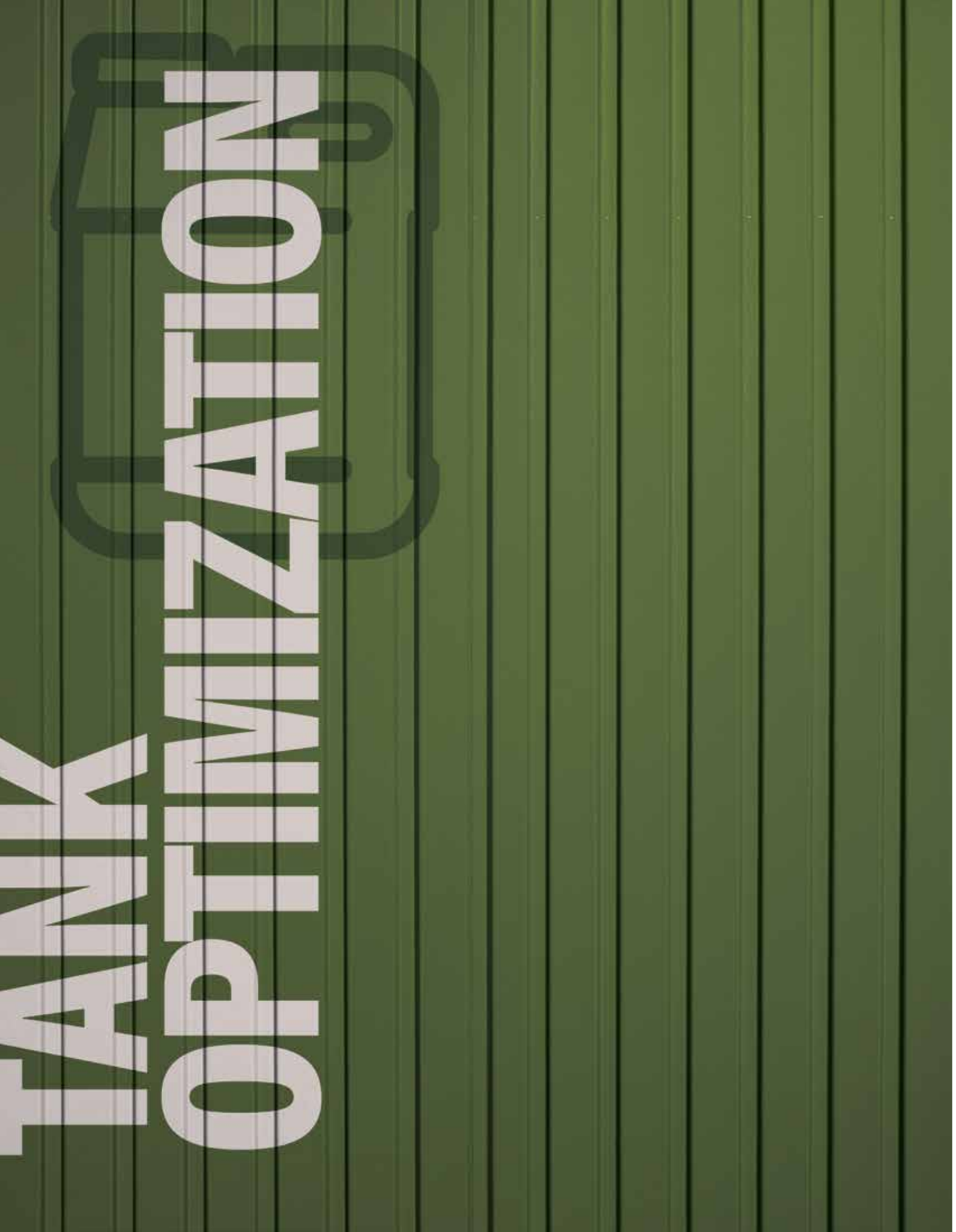
⚠ Always read and follow label directions.

RECOMMENDED PRODUCT:

FEATURES: _____

PARTNERS (SEED OR CP): _____

NOTES: _____



Don’t forget the little things. Antifoam and tank cleaners can make a big difference. Check out what WinField United Canada has to offer.

Fast Break®

By WINFIELD UNITED

Decrease spray-tank mixing and filling time with aggressive foam-preventing activity. A highly effective silicone emulsion. Fast Break® is an easy-to-use liquid antifoam agent that prevents excessive foaming without interaction with spray mixture active ingredients.

FEATURES & BENEFITS

APPLICATION INFORMATION

- Fast Break is formulated to prevent foaming when mixing spray solutions.
- Add Fast Break to the spray water before adding crop protection products.
- Use Fast Break at the rate of 30 mL (1 oz) per 100 US gals of solution.

Water hardness, temperature and individual spray-tank mixtures may affect the amount of Fast Break needed. Adjust use rate to achieve desired foam control.

COMMON USE RATE
30 mL (1 oz) per 100 US gals of spray solution

PACKAGING
12 x 473 mL jugs/case

ACTIVE INGREDIENTS
Dimethylpolysiloxane, methylated silicon and inert ingredients

PRODUCT GROUP
Utility modifier

Water + Pesticide

✗ No Fast Break

Foaming Observed

Water + Fast Break + Pesticide

✓ With Fast Break

Foaming Prevented

⚠ Always read and follow label directions.

ProTank® Cleaner

By WINFIELD UNITED

Looking for the easy button? This commercial tank cleaner has all the benefits of an ammonia-based spray tank cleaner plus acts as a detergent. ProTank® helps remove pesticide and fertilizer residues as part of a sprayer cleaning protocol. Choose ProTank Cleaner for effective tank cleanout in most situations including unique tank mixes. Always read and follow label directions.

FEATURES & BENEFITS

- ProTank Cleaner is a pre-dissolved, non-ammonia based, sprayer tank cleaner that neutralizes acidic-type chemicals.
- Contains a proprietary blend of salts, sequestering agents, surfactants and solvents and should be used as part of a triple-rinse spray clean out protocol.
- Helps remove pesticide and fertilizer residues while cleaning pumps, valves, strainers, tanks, nozzles and hoses. ProTank Cleaner also helps reduce metal corrosion and the deterioration of rubber seals, diaphragms and hoses, helping to prolong the life of equipment.
- Always read and follow label directions for appropriate tank cleanout procedures. Products with a high risk of crop damage as a result of very low-level contamination of the spray solution, will have specific tank cleanout measures indicated.

COMMON USE RATE
1 L per 100 US gal of water

PACKAGING
12 x 1 L jugs/case

ACTIVE INGREDIENTS
Proprietary blend of phosphate and carbonate salts, sequestering agents, surfactants and solvents

Application Rates

1 jug treats 100 US gal

General Recommendations*

- Drain tank
- Rinse inside and outside of tank
- Fill tank 1/3 - 1/2 full of clean water; add ProTank Cleaner
- Agitate 15-20 minutes
- Let stand for time recommended on label
- Run solution through nozzles for minimum 5 minutes
- Triple rinse with clean water
- Spray rinsate through booms
- Clean screens, nozzles and inductor cones
- Don't let product sit in the boom
- Inspect the inside of the spray tank carefully to ensure all residue has been removed

*Always read and follow label directions.

Recent research shows three smaller rinses are more effective than one large volume rinse. Think 3 x 400 gallon rinses vs 1 x 1,200 gallon rinse!

⚠ Always read and follow label directions.

GROWING A SUSTAINABLE FUTURE

Sustainable agriculture means meeting the agricultural needs of today without comprising the needs of future generations. 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 supporting ag retailers and communities to seize emerging opportunities in this area.

We provide education, tools and partnerships to help you in:

SUSTAINABILITY AT WINFIELD UNITED CANADA

Use smartphone camera to scan code

- **SOIL MANAGEMENT**
  - **SOIL HEALTH**
  - **NUTRIENT MANAGEMENT**
- **DATA READINESS**
- **CONSERVATION AGRONOMY**
- **FUNDING OPPORTUNITIES**

CROPLAN By WinField United

FIND YOUR LOCAL RETAIL AND CROPLAN DISTRIBUTION PARTNER

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

WINFIELD UNITED RETAILERS CAN HELP:

- Give you direct access to the latest WinField United products
- Determine the best seed, crop protection and adjuvant combinations 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
- Connect you to professional development and training opportunities like spray clinics

FIND THE PARTNER NEAREST YOU

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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.

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

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 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup Transorb®, SmartStax®, Trecepta®, TruFlex™, VT Double PRO® and XtendFlex® are trademarks of Bayer Group. Used under license. LibertyLink and the Water Droplet Design are trademarks of BASF. Used under license. Agrisure Viptera® is a registered trademark of a Syngenta group company. LibertyLink® and the Water Droplet Design are trademarks of BASF. Used under license. Herculex® is a registered trademark of Dow AgroSciences LLC. Used under license. Bayer CropScience Inc. is a member of CropLife Canada.

Roundup Ready 2 TECHNOLOGY

LIBERTY LINK

Roundup Ready 2 YIELD TECHNOLOGY

Insect Resistance Management
Planting Refuges. Preserving Technology

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.

10% Total Recycled Fiber

FSC www.fsc.org MIX From responsible sources FSC® C101537

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