

EASTERN CANADA

CROP PRODUCTION GUIDE 2026



TABLE OF CONTENTS

BayerValue™ Rewards Program and MyBayer	2
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ROUNDUP 3

Roundup Transorb® HC	4
Roundup WeatherMAX® with Transorb® 2 Technology	6

CEREALS 9

Crop Staging Guide	10
Raxil® PRO	11
Raxil® PRO SHIELD	11
Buctril® M	13
Huskie® PRE	15
Infinity® FX	17
Pardner®	19
Puma® Advance	20
Varro®	21
Velocity® m3	23
Delaro® Complete	25
Prosaro® PRO	26
Stratego® PRO	28
Decis®	29
Ethrel®	30

CORN 31

Crop Staging Guide	32
SmartStax® PRO with RNAi Technology	33
SmartStax® RIB Complete®	34
Trecepta® RIB Complete®	35
VT4PRO® with RNAi Technology	36
VT Double PRO® RIB Complete®	38
Accelaron® Solutions	39
Converge® XT	40
Convintro® Corn 12	42
Corvus®	44
Laudis®	46
Laudis + Pardner	48
Roundup Xtend® 2 with VaporGrip® Technology	49
XtendiMax® 2 with VaporGrip® Technology	51
Delaro Complete	52
Delaro Complete + Proline®	54
Proline	56
Decis	58

SOYBEAN 61

Crop Staging Guide	62
Roundup Ready 2 Xtend® Soybeans	63
XtendFlex® Soybeans	64
Vyconic®	65
Accelaron Solutions	66
Allegiance®	67
EverGol® Energy	68
Roundup Xtend 2 with VaporGrip Technology	70
XtendiMax 2 with VaporGrip Technology	73
Delaro Complete	75

RESOURCES 77

Tank Mixes	78
Temperature Consideration for Herbicide Application	78
W.A.M.L.E.G.S.	79

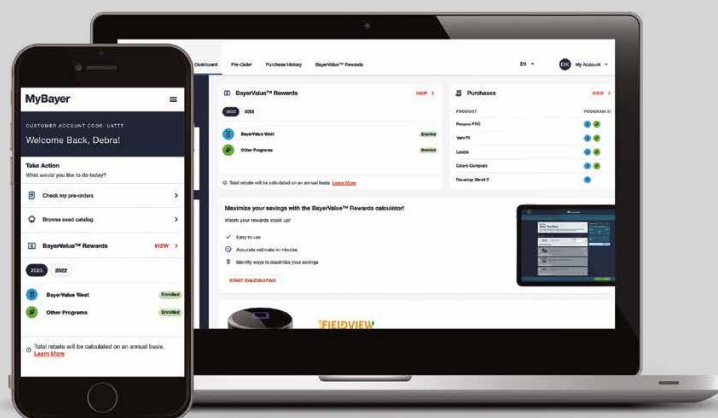


SAVINGS THAT GROW FROM SEED TO HARVEST

The BayerValue™ Rewards Program lets you maximize your savings on every acre. With a large selection of participating seed and crop protection products, it's never been easier to save.

WELCOME TO MYBAYER

MyBayer™ is a portal for managing your Crop Science Canada information, including tracking your past purchases, reviewing your BayerValue Rewards, and updating your personal information. Access it anywhere, anytime, with a few clicks. Create your MyBayer account today on **My.Bayer.ca** for easy and convenient access to your Bayer information.



NOT A BAYERVALUE MEMBER YET?

It only takes a few minutes. Sign up today and save on the crop protection products you need all-season long. Visit **GrowerPrograms.ca** or call **1 888-283-6847** to join BayerValue today. Terms and conditions apply.

ROUNDUP

Traits

Roundup Transorb® HC

Roundup WeatherMAX® with Transorb® 2 Technology





HERBICIDE

CROPS FOR USE

Barley
Canola
Corn
Oats
Soybeans
Wheat

ACTIVE
INGREDIENT

Glyphosate
- Group 9

Present as: Potassium salt of
N-(phosphonomethyl) glycine
{Potassium salt of glyphosate}

FORMULATION

**Liquid concentrate
herbicide**
Water soluble
540 g/L formulation

PACKAGING

10 L jug = 8 to 30 ac.

RATE	TREATMENT
0.33 L/ac.	30 ac.
0.50 L/ac.	20 ac.
0.67 L/ac.	15 ac.
0.83 L/ac.	12 ac.
1.00 L/ac.	10 ac.
1.17 L/ac.	9 ac.
1.33 L/ac.	8 ac.

115 L drum

450 L tote

800 L tote

WEEDS
CONTROLLED

ANNUAL
GRASS WEEDS

Barnyard grass
Bluegrass (annual)
Crabgrass (large)
Crabgrass (smooth)
Dodder
Downy brome grass
Fall panicum
Giant foxtail

Green foxtail
Persian dandel
Volunteer barley
Volunteer corn
Volunteer wheat
Wild oats
Wild proso millet
Yellow foxtail

ANNUAL
BROADLEAF WEEDS

Canada fleabane
Chickweed
Cleavers
Cocklebur
Corn spurry
Cow cockle
**Eastern black
nightshade**
Flixweed
Green smartweed
Hemp-nettle
Lady's-thumb
Lamb's-quarters
Narrow-leaved vetch
**Night-flowering
catchfly**
**Pennsylvania
smartweed**

Prickly lettuce
Ragweed
Redroot pigweed
Round-leaved mallow
Russian thistle
Shepherd's-purse
Smooth pigweed
Sow thistle (annual)
Stinkweed
Velvetleaf
Volunteer canola
Volunteer flax
Wild buckwheat
Wild mustard
Wild tomato

PERENNIAL
GRASS WEEDS

Bluegrass (Canada)
Bluegrass (Kentucky)
Brome grass (smooth)
Cattail (common)
Cottongrass
Foxtail barley
Quackgrass
Wire-stemmed muhly
Yellow nutsedge

PERENNIAL
BROADLEAF WEEDS

Absinth wormwood
Canada thistle
Curled dock
Dandelion
Field bindweed
Hemp dogbane
Hoary cress
Knotweed (Japanese)
Milkweed (common)
Perennial sow thistle
Poison ivy
Purple loosestrife
Toad flax
Volunteer alfalfa

For full details, please
reference product label.

Features and Benefits

- // Excellent consistency and weed control
- // Trusted performance
- // 60-minute rainfast guarantee*
- // Product service and support you can rely on
- // All weather warranty*

*Rainfast guarantee, service and support and weather warranty provided through the RiskShield® Protection Package. Terms and conditions apply. Visit roundup.ca for more information

Application Tips

- // Where possible, rotate the use of Roundup Transorb HC liquid herbicide or other Group 9 herbicides within a growing season (sequence), or among growing seasons with different herbicide Groups that control the same weeds in a field

- // Use tank mixtures with herbicides from a different Group when such use is permitted. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- // Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates, precision fertilizer application methods and timing that favours crops and not weeds), biological (weed-competitive crops or varieties) and other management practices



Application Tips *continued*

- // Monitor weed populations after herbicide application for signs of resistance development (for example, determine if one weed species on the herbicide label is not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by using an alternative herbicide from a different Group.
- // Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment before moving fields. Always plant clean seed.
- // Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options
- // Contact your local extension specialist, certified crop advisor or Bayer at 1 888-283-6847 for any additional pesticide resistance management and/or integrated weed management recommendations for specific crops and weed biotypes

Water Volumes

For control of perennial weeds

- // Apply Roundup Transorb HC in 20 to 120 L/ac. of clean water as a broadcast spray. Use no more than 275 kPa of pressure.

For control of annual weeds

- // Apply Roundup Transorb HC in 20 to 40 L/ac. of clean water as a broadcast spray (except as otherwise stated on the label). Use no more than 275 kPa of pressure.

Rainfastness

- // Rainfast 1 hour after application

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Residue and Grazing

- // Allow 3 to 5 days for Roundup Transorb HC liquid herbicide to translocate into all plant parts before grazing or harvesting treated areas in forages

Tank-Mix Procedures

- // Fill spray tank three-quarters full of water
- // Start agitation and run for the entire mixing and spraying operation
- // Add required amount of the permissible tank-mix partner
- // Flush herbicide loading tank and herbicide containers with water
- // If using a herbicide loading system, ensure that the loading tank and lines to the pump are empty and flushed out with water before adding the tank-mix partner
- // Add required amount of Roundup Transorb HC
- // Flush herbicide loading tank and herbicide containers with water
- // If using a herbicide loading system, ensure that the loading tank and lines to the pump are flushed with water and are empty before starting the spray operation
- // Always start and end the mixing and spraying operation with a clean system
- // For a list of permissible tank mixes supported by Bayer, visit cropscience.bayer.ca/TankMixList

Storage

- // Heated storage not required



HERBICIDE

CROPS FOR USE

Barley
Canola
Corn
Oats
Soybeans
Wheat

**ACTIVE
INGREDIENT**
Glyphosate

- Group 9

Present as: Potassium salt of
N-(phosphonomethyl) glycine
{Potassium salt of glyphosate}

FORMULATION

**Liquid concentrate
herbicide**

Water soluble

540 g/L formulation

PACKAGING

10 L jug = 8 to 30 ac.

RATE	TREATMENT
0.33 L/ac.	30 ac.
0.50 L/ac.	20 ac.
0.67 L/ac.	15 ac.
0.83 L/ac.	12 ac.
1.00 L/ac.	10 ac.
1.17 L/ac.	9 ac.
1.33 L/ac.	8 ac.

115 L drum

450 L tote

800 L tote

**WEEDS
CONTROLLED**

ANNUAL GRASS
WEEDS

Barnyard grass

Bluegrass (annual)

Crabgrass (large)

Crabgrass (smooth)

Dodder

Downy brome grass

Fall panicum

Giant foxtail
Green foxtail
Persian darnel
Volunteer barley
Volunteer corn
Volunteer wheat
Wild oats
Wild proso millet
Yellow foxtail

ANNUAL BROADLEAF
WEEDS

Canada fleabane

Chickweed

Cleavers

Cocklebur

Corn spurry

Cow cockle

**Eastern black
nightshade**

Flixweed

Green smartweed

Hemp-nettle

Lady's-thumb

Lamb's-quarters

Narrow-leaved vetch

**Night-flowering
catchfly**

Pennsylvania

smartweed

Prickly lettuce
Ragweed
Redroot pigweed
Round-leaved mallow
Russian thistle
Shepherd's-purse
Smooth pigweed
Sow thistle (annual)
Stinkweed
Velvetleaf
Volunteer canola
Volunteer flax
Wild buckwheat
Wild mustard
Wild tomato

PERENNIAL GRASS
WEEDS

Blue grass (Canada)

Blue grass (Kentucky)

Brome grass (smooth)

Cattail (common)

Common reed

Cottontop

Foxtail barley

Quackgrass

Wire-stemmed muhly

Yellow nutsedge

PERENNIAL
BROADLEAF WEEDS
Absinth wormwood
Canada thistle
Curled dock
Dandelion
Field bindweed
Hemp dogbane
Hoary cress
Knotweed (Japanese)
Milkweed (common)
Perennial sow thistle
Poison ivy
Purple loosestrife
Toad flax
Volunteer alfalfa

For full details, please
reference product label.

Features and Benefits

- // Proven crop safety on Bayer glyphosate-tolerant trait systems
- // Excellent and consistent weed control under ideal and tough conditions
- // 30-minute rainfast guarantee*
- // Enhanced efficiency with a 540 g/L formulation
- // All weather warranty*

*Rainfast guarantee, service and support and weather warranty provided through the RiskShield® Protection Package. Terms and conditions apply. Visit roundup.ca for more information.

Application Tips

- // Where possible, rotate the use of Roundup WeatherMAX liquid herbicide with Transorb 2 Technology or other

Group 9 herbicides within a growing season (sequence), or among growing seasons with different herbicide Groups that control the same weeds in a field

- // Use tank mixtures with herbicides from a different Group when such use is permitted. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- // Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates, precision fertilizer application methods and timing that favours crops and not weeds), biological (weed-competitive crops or varieties) and other management practices



Application Tips *continued*

- // Monitor weed populations after herbicide application for signs of resistance development (for example, determine if one weed species on the herbicide label is not being controlled). If resistance is suspected, prevent weed seed production in the affected area if possible and use an alternative herbicide from a different Group.
- // Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment before moving fields. Always plant clean seed.
- // Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options
- // Contact your local extension specialist, certified crop advisor, or Bayer at 1 888-283-6847 for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes

Water Volumes

For control of perennial weeds

- // Apply Roundup WeatherMAX with Transorb 2 Technology in 20 to 120 L/ac. of clean water as a broadcast spray, use no more than 275 kPa of pressure

For control of annual weeds

- // Apply Roundup WeatherMAX in 20 to 40 L/ac. of clean water as a broadcast spray (except as otherwise stated on the label). Use no more than 275 kPa of pressure.
- // Unless otherwise specified, use 0.67 L of Roundup WeatherMAX per 100 L of water. For best results on harder-to-control perennials (such as bindweed, Canada thistle, hemp dogbane, milkweed), use 1.34 L per 100 L of water.

Rainfastness

- // Rainfast 30 minutes after application

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Tank-Mix Procedures

- // Fill spray tank three-quarters full of water
- // Start agitation and run for the entire mixing and spraying operation
- // Add required amount of the permissible tank-mix partner
- // Flush herbicide loading tank and herbicide containers with water
- // If using a herbicide loading system, ensure that the loading tank and lines to the pump are empty and flushed out with water before adding the tank-mix partner
- // Add required amount of Roundup WeatherMAX
- // Flush herbicide loading tank and herbicide containers with water
- // If using a herbicide loading system, ensure that the loading tank and lines to the pump are flushed with water and are empty before starting the spray operation
- // Always start and end the mixing and spraying operation with a clean system
- // For a list of permissible tank mixes supported by Bayer, visit cropscience.bayer.ca/TankMixList

Storage

- // Heated storage not required



The Roundup Advantage

Discover the power of an advanced formulation



Source: Bayer Crop Science Tavistock Research Farm (2025). 7 days after application. Rate used on all applications was 0.67 L/ac. at an application volume of 150 L/ha. Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

CEREALS

Crop Staging Guide

Seed Treatments

Raxil® PRO

Raxil® PRO SHIELD

Herbicides

Buctril® M

Pardner®

Velocity® m3

Huskie® PRE

Puma® Advance

Infinity® FX

Varro®

Fungicides

Delaro® Complete

Prosaro® PRO

Stratego® PRO

Insecticide

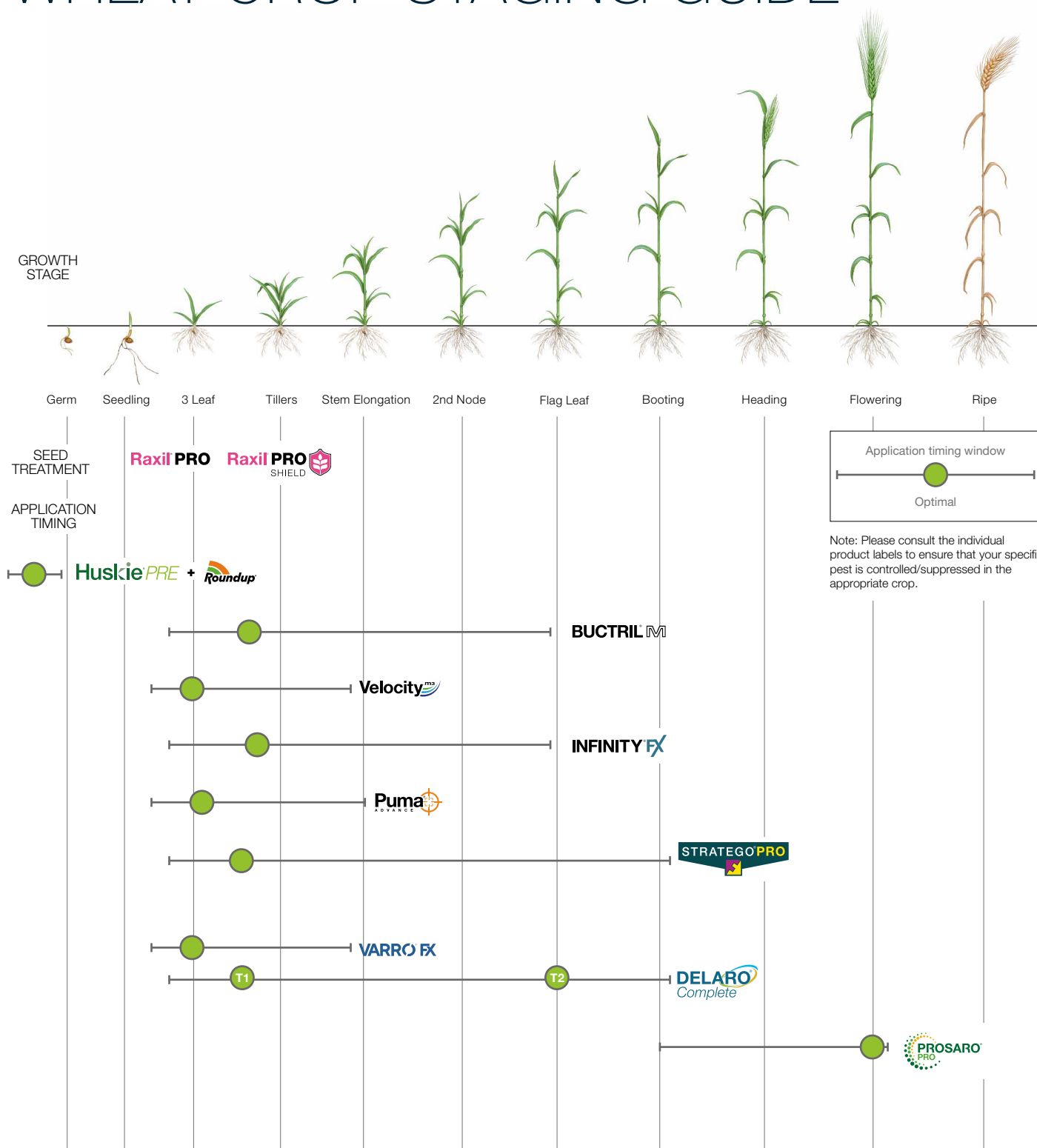
Decis®

Growth Regulator

Ethrel®



WHEAT CROP STAGING GUIDE



Raxil[®] PRO

Raxil[®] PRO SHIELD



SEED TREATMENT

CROPS FOR USE				
// Raxil PRO	PACKAGING Commercially applied	BARLEY, OATS, RYE, TRITICALE, WHEAT	Seed rot, pre-emergent damping-off, post-emergent damping-off and seedling blight - Caused by seed- and soil-borne <i>Fusarium</i> spp. including <i>Cochliobolus sativus</i> and <i>Fusarium graminearum</i>	DISEASES SUPPRESSED BARLEY, OATS, RYE, TRITICALE, WHEAT Common root rot - Caused by seed- and soil-borne <i>Cochliobolus sativus</i>
Barley	DISEASES CONTROLLED BARLEY Barley leaf stripe False loose smut True loose smut	Post-emergent damping-off - Caused by seed- and soil-borne <i>Fusarium</i> spp. including <i>Cochliobolus sativus</i> and <i>Fusarium graminearum</i>	Seedling blight - Caused by seed-borne <i>Aspergillus</i> spp.	Root and crown rot - Caused by seed- and soil-borne <i>Fusarium</i> spp. including <i>Fusarium graminearum</i>
Oats	Covered smut	Seed rot, pre-emergent damping-off - Caused by seed- and soil-borne <i>Fusarium</i> spp. including <i>Cochliobolus sativus</i> , <i>Fusarium graminearum</i> and soil-borne <i>Pythium</i> spp.	Loose smut	Seedling blight - Caused by seed-borne <i>Penicillium</i> spp.
Rye			Common bunt	Seed rot, pre-emergent damping-off and root rot - Caused by <i>Rhizoctonia solani</i>
Triticale				
Wheat				
ACTIVE INGREDIENTS Metalaxyl - Group 4 Prothioconazole - Group 3 Tebuconazole - Group 3				For full details, please reference product label.

CROPS FOR USE				
// Raxil PRO SHIELD	PACKAGING All-in-one 10 L jug of Raxil PRO SHIELD 125 L drum of Raxil PRO SHIELD Co-pack 10 L jug of Raxil PRO + 1.5 L of Stress Shield* 175.5 L drum of Raxil PRO + 27 L of Stress Shield* (sold separately) *Products need to be mixed together.	BARLEY, OATS, WHEAT	Seedling blight - Caused by seed-borne <i>Fusarium</i> spp. including <i>Cochliobolus sativus</i> , <i>Fusarium graminearum</i> , and soil-borne <i>Fusarium</i> spp. including <i>Fusarium graminearum</i> and <i>Pythium</i> spp.	Root and crown rot - Caused by seed- and soil-borne <i>Fusarium</i> spp. including <i>Fusarium graminearum</i>
Barley	DISEASES CONTROLLED BARLEY Barley leaf stripe False loose smut True loose smut	Post-emergent damping-off - Caused by seed- and soil-borne <i>Fusarium</i> spp. including <i>Cochliobolus sativus</i> and <i>Fusarium graminearum</i>	Loose smut	Seedling blight - Caused by seed-borne <i>Penicillium</i> spp.
Oats	Covered smut	Seed rot, pre-emergent damping-off - Caused by seed- and soil-borne <i>Fusarium</i> spp. including <i>Cochliobolus sativus</i> , <i>Fusarium graminearum</i> and soil-borne <i>Pythium</i> spp.	Common bunt	Seed rot, pre-emergent damping-off and root rot - Caused by <i>Rhizoctonia solani</i>
Wheat				
ACTIVE INGREDIENTS Imidacloprid - Group 4 (Stress Shield [®]) Metalaxyl - Group 4 Prothioconazole - Group 3 Tebuconazole - Group 3			DISEASES SUPPRESSED BARLEY, OATS, WHEAT Common root rot - Caused by seed- and soil-borne <i>Cochliobolus sativus</i>	INSECT PROTECTION Wireworms For full details, please reference product label.

Raxil[®] PRO

Raxil[®] PRO SHIELD



Features and Benefits

- // Easy-to-apply formulation combines the effective systemic activity of tebuconazole and metalaxyl with the powerful contact and systemic fungicide prothioconazole. This combination protects seeds from diseases on, in and around the seed.
- // Quick penetration and uptake is seen with tebuconazole, while prothioconazole sustains protection over a longer period of time
- // Goes beyond true loose smut and *Fusarium graminearum* by protecting against all of the most serious early-season diseases in barley, oats and wheat*
- // Water-based formulation helps reduce application dust, minimize buildup on equipment and ensure easy cleanup

Mixing Instructions

- // Accurate application rates and uniform distribution are fundamental to top performance – mix seed and seed treatment uniformly before application
- // When mixing Raxil PRO, Stress Shield or Raxil PRO SHIELD on their own to get into solution, use a standard electric drill (not an impact drill) at half speed for 1 minute with the chuck provided. Do not apply pressure. Do not overmix.
- // When mixing Raxil PRO and Stress Shield together, they only need to be mixed together for 4 minutes when using a recirculating pump. Do not overmix.



Seed-borne pressure is just one part of the equation that determines crop disease; the other half lives in the soil. Soil moisture and temperature affect which pathogens are active in the soil. The myth that warm, dry soils don't cause disease is more fiction than fact. *C. sativus*, *fusarium* and *pythium* are considered the most damaging pathogens causing seedling disease in cereals.

Directions for Use

- // Always wear personal protective equipment when handling seed treatments or treated seed
- // Refer to the Raxil PRO or Raxil PRO SHIELD label and instructions supplied with your treating system for complete information on proper application techniques
- // Always calibrate seeding equipment with treated seed, as seed flow can be affected
- // Always measure seed density to calculate accurate seed flow and total weight treated
- // Allow adequate time for the seed treatment to dry on the seed. High humidity and cooler conditions can extend drying time.

Application Guidelines

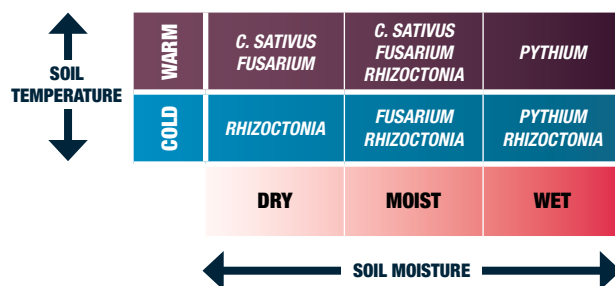
Rate

- // Raxil PRO: 325 mL/100 kg of seed
- // Raxil PRO SHIELD co-pack: 325 mL (Raxil PRO) + 50 mL (Stress Shield)/100 kg of seed
- // Raxil PRO SHIELD all-in-one: 325 mL/100 kg of seed

Storage

- // Raxil PRO has a freezing point of -16°C and unlike other available seed treatments, its viscosity change is minimal until it actually freezes. If the product does freeze, thaw to 5 to 10°C and mix thoroughly.
- // Raxil PRO SHIELD requires heated storage

Conditions that favour soil-borne disease



BUCTRIL[®] M



HERBICIDE

CROPS FOR USE

Barley
Canary Seed

Corn
(field and sweet)

Established timothy
(grown for seed or hay)

Flax

Oats

Rye
(fall)

Seedling and
established grasses

Wheat

(durum, spring, winter*)

*including underseeded to clover
in ON, QC, NB, NS, NFLD, PEI

ACTIVE INGREDIENTS

Bromoxynil

- Group 6

MCPA

- Group 4

FORMULATION

Liquid-emulsifiable
concentrate

PACKAGING

8 L jug = 20 ac.

(one 2 × 8 L case
treats 40 ac.)

400 L bulk tote
= 1,000 ac.

WEEDS CONTROLLED

American nightshade

(seedlings up to
4 leaf stage)

Ball mustard

(seedlings up to
4 leaf stage)

Bluebur

(seedlings up to
4 leaf stage)

Canada thistle

(top growth suppression)

Cocklebur

(seedlings up to
4 leaf stage)

Common buckwheat

(seedlings up to
8 leaf stage)

Common groundsel

(seedlings up to
8 leaf stage)

Common ragweed

(seedlings up to
8 leaf stage)

Cow cockle¹

(seedlings up to
4 leaf stage)

Flixweed

(seedlings up to
4 leaf stage)

Green smartweed

(seedlings up to
4 leaf stage)

Jimsonweed

(seedlings up to
4 leaf stage)

Kochia

(seedlings up to
4 leaf stage or 5 cm
in height)

Lady's-thumb

(seedlings up to
4 leaf stage)

Lamb's-quarters

(seedlings up to
8 leaf stage)

Night-flowering catchfly

(seedlings up to
4 leaf stage)

Pale smartweed

(seedlings up to
4 leaf stage)

Perennial sow thistle

(top growth suppression)

Prickly lettuce

(suppression of seedlings
in winter wheat)

Redroot pigweed²

(seedlings up to
4 leaf stage)

Russian thistle

(seedlings up to
4 leaf stage or 5 cm
in height)

Scentless chamomile³

(seedlings up to
4 leaf stage)

Shepherd's-purse

(seedlings up to
4 leaf stage)

Stinkweed

(seedlings up to
8 leaf stage)

Tartary buckwheat

(seedlings up to
8 leaf stage)

Velvetleaf⁴

(seedlings up to
4 leaf stage)

Volunteer canola

(including herbicide-
tolerant seedlings up to
4 leaf stage)

Volunteer sunflowers

(seedlings up to
4 leaf stage)

Wild buckwheat

(seedlings up to
8 leaf stage)

Wild mustard

(seedlings up to
8 leaf stage)

Wild tomato

(seedlings up to
6 leaf stage)

Wormseed mustard

(seedlings up to
8 leaf stage)

¹In normal conditions, cow cockle
will be controlled up to the 4 leaf
stage. Plants beyond this stage
are unlikely to be controlled.

²Inadequate control in flax.

³Spring annuals only.

⁴Spray before plants are
8 cm high.

For full details, please
reference product label.

Features and Benefits

- // Controls 29 broadleaf weeds
- // Excellent crop safety
- // Registered for aerial application
- // Effective resistance management – contains Group 4 (MCPA) and Group 6 (bromoxynil) active ingredients
- // Dual chemistries provide both systemic and contact activity
- // Available in bulk
- // Registered for use on winter wheat underseeded to red clover in Eastern Canada

Application Guidelines

Rate

- // Registered application rate: 0.4 L/ac. or 20 ac./jug

Application Tips

Coverage

- // Medium to coarse droplet size is important for optimum coverage
- // As with any post-emergent herbicide, delay a spray application for at least 24 hours before or following near frost conditions (5°C or less) to avoid a negative crop response

BUCTRIL® M

Application Timing

- // Barley, oats and wheat (durum and spring) may be treated from the 2 leaf stage until the early flag leaf stage
- // Winter wheat may be treated from the 2 to 4 leaf stage in the fall or from the time growth commences to the early flag leaf stage in the spring
- // Fall rye may be treated from the time growth commences in the spring to the early flag leaf stage
- // Corn may be treated from the 4 to 6 leaf stage
- // Seedling grasses may be treated from the 2 to 4 leaf stage (establishment year only)
- // Timothy (established and grown for seed production) should be applied prior to shot blade in the seed production year
- // Timothy (established and grown for hay) may be treated from the 3 to 6 leaf stage

Water Volumes

Ground and Aerial

- // Recommended minimum of 15 gal./ac. (140 L/ha)

Rainfastness

- // Rainfast 1 hour after application

Restricted-Entry Interval

- // Do not enter treated fields for 24 hours after application

Residue and Grazing

- // Do not graze or cut for forage hay until 30 days after spraying

Re-Cropping Intervals

- // No re-cropping restrictions

Tank Mixes

- // For a list of permissible tank mixes supported by Bayer, visit cropsscience.bayer.ca/TankMixList

Storage

- // Heated storage not required



Mix It Up. Learn how simple and effective actions not only help facilitate success against herbicide resistance, but can also help protect the future sustainability of your farm. Find solutions at MixItUp.ca

Huskie[®]PRE

PRE-BURN /
POST-PLANT PRE-EMERGENT

GROUP
6

GROUP
27

HERBICIDE

CROPS FOR USE

Pre-burn / post-plant
pre-emergent

Barley
Triticale
Wheat
(durum, spring, and winter)

ACTIVE INGREDIENT

Bromoxynil 280 g/L
- Group 6
Pyrasulfotole 25 g/L
- Group 27

FORMULATION
Emulsifiable
concentrate

PACKAGING
8.1 L jug = 20 acres

WEEDS CONTROLLED¹

Annual sow thistle
Chickweed
Cleavers
Canada fleabane
Cow cockle²

Dandelion
(suppression only –
includes seedlings and
overwintered rosettes)

Flixweed
Giant ragweed
(suppression only)
Green smartweed
Hemp-nettle
Lady's-thumb
Lamb's-quarters
Pale smartweed

**Perennial
sow thistle**
(suppression only)
Redroot pigweed
**Round-leaved
mallow**
Russian thistle
Shepherd's-purse
Stinkweed
Tartary buckwheat
Volunteer canola
Volunteer soybean
Wild buckwheat

Wild mustard

¹Huskie PRE controls
herbicide-resistant biotypes
of the labeled weeds from the
following groups:
Group 2: ALS/SU;
Group 4: Synthetic Auxin;
Group 5: Photosystem II
inhibitors; Group 9: EPSP
synthase inhibitors;
Group 14: PPO inhibitors.
²In normal conditions will be
controlled up to the 4-leaf
stage. Plants beyond this stage
are unlikely to be controlled.
The higher rate generally
gives better results.

For full details, please
reference product label.

CEREALS

Features and Benefits

- // Rapid burn down activity
- // Consistent early-season broadleaf weed control
- // Efficient and reliable, even on the toughest, labeled herbicide resistant broadleaf weeds (including Group 2, 4, 5, 9, 14 bio-types)
- // Potent addition to Roundup[®] brand herbicide burn down applications
- // Flexible pack sizes to best fit the operational need on farm

Application Guidelines

- // Can be applied as a fall or spring application
- // Pre-plant or post-plant pre-emergence broadleaf weed control
- // Apply Huskie PRE only once per crop per growing season
- // Under cool and/or dry conditions activity may be reduced or delayed. Weed control may also be reduced if application is made when weeds are dust covered or in the presence of heavy dew, fog, or mist/rain

Water Volumes

Ground

- // Minimum of 10 gal./ac. (94 L/ha)

Rainfastness

- // Rainfast 1 hour after application

Restricted-Entry Interval

- // Do not enter treated fields for 24 hours after application

Tank Mixes

- // For a list of permissible tank mixes supported by Bayer, visit cropscience.bayer.ca/TankMixList

Re-Cropping Intervals

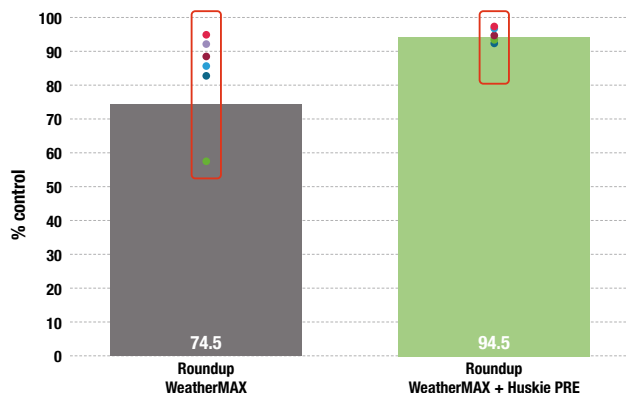
12 months: Alfalfa, Canola, Corn (field), Potatoes, Soybeans, Tame oats, Tomatoes

Storage

- // Heated storage is required

Combined Broadleaf Control – 14 Days After Application

Heavy field populations



Source: 8 Internal Bayer Crop Science Market Development Trials (2020-2022).
Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

INFINITY[®]FX



KNOW YOUR GROUPS

GROUP
4

GROUP
6

GROUP
27

HERBICIDE

CROPS FOR USE

Barley
Bromegrass
Perennial ryegrass
Red fescue
Timothy
Triticale
Wheat
(durum, spring, winter)

ACTIVE INGREDIENTS

Bromoxynil
- Group 6
Fluroxypyr
- Group 4
Pyrasulfotole
- Group 27

FORMULATION

Liquid-emulsifiable concentrate

PACKAGING

8.1 L jug = 20 ac.
405 L tote = 1,000 ac.

WEEDS CONTROLLED¹

Annual sow thistle
(1 to 6 leaf stage)

Canada fleabane^{2,5}
(up to 10 cm in height/diameter)

Canada thistle^{2,6}
(suppression, up to 30 cm in height)

Chickweed
(1 to 8 leaf stage)

Cleavers⁴
(1 to 9 whorls)

Common ragweed
(1 to 6 leaf stage)

Dandelion^{2,3,6}
(suppression, up to 10 cm in height/ 25 cm in diameter)

Flixweed
(up to 10 cm in height)

Giant ragweed²
(suppression, 1 to 6 leaf stage)

Hemp-nettle
(1 to 8 leaf stage)

Lamb's-quarters
(1 to 6 leaf stage)

Pale smartweed
(1 to 6 leaf stage)

Perennial sow thistle⁶
(suppression, 1 to 6 leaf stage)

Redroot pigweed
(1 to 6 leaf stage)

Round-leaved mallow
(1 to 6 leaf stage)

Russian thistle
(up to 10 cm in height)

Shepherd's-purse
(1 to 6 leaf stage)

Spreading atriplex²
(suppression, 1 to 10 leaf stage)

Stinkweed
(1 to 6 leaf stage)

Volunteer canola
(including herbicide-tolerant hybrids, 1 to 6 leaf stage)

Volunteer soybeans
(up to 5th trifoliate leaf stage)

Wild buckwheat
(1 to 6 leaf stage)

Wild mustard
(1 to 6 leaf stage)

¹ Includes ALS (Group 2)-resistant biotypes.

² For enhanced control, add Ammonium Sulphate (AMS) Utility Modifier (40% solution) at a rate of 0.5 L/ac. One jug of AMS Utility Modifier will treat 20 ac.

³ Includes seedlings and overwintered rosettes.

⁴ Includes indoleacetic acid (Group 4)-resistant biotypes.

⁵ Remove established Canada fleabane plants prior to planting via tillage or a pre-seed burn-off.

⁶ For enhanced control, add 4 oz/ac. of MCPA Ester (189 mL/ac. of MCPA Ester 600). The crop needs to be at the 3 leaf stage when adding MCPA.

⁷ For enhanced control, add 4 oz/ac. of 2,4-D Ester. The crop needs to be at the 4 leaf stage when adding 2,4-D.

For full details, please reference product label.



Infinity FX



Untreated

These images show the difference in Canada fleabane control with fall applied Infinity[®] FX herbicide at Kintyre, Ontario in 2022. Seeded on October 31, 2021. Fall application was applied on November 20, 2021. Photo credit to Dr. Peter Sikkema, University of Guelph, July 5, 2022. Your results may vary according to agronomic, environmental and pest variables.

INFINITY[®]FX

Features and Benefits

- // Powered by pyrasulfotole (Group 27) and supercharged with bromoxynil (Group 6) and fluroxypyr (Group 4), Infinity FX uses both contact and systemic activity
- // Fast-acting performance is visible in days
- // Offers exceptional control of Canada fleabane, in addition to many other tough-to-control broadleaf weeds
- // Exceptional resistance management – with the combination of three different herbicide Groups, there is increased herbicide activity on the same weed species
- // Tank-mix friendly, Infinity FX is a preferred tank-mix partner with key major graminicides, including: Puma Advance, Varro, Axial[®] BIA herbicide, Horizon[®] NG herbicide, Liquid Achieve[™] herbicide
- // Wide window of application and excellent crop safety
- // Convenient co-formulation

Application Guidelines

- // Can be applied as a fall or spring application

Rate

- // Registered application rate: 0.405 L/ac. co-formulation

Application Timing

- // Crops may be treated from the 2 leaf stage of growth until the flag leaf is just visible but still rolled
- // Infinity FX can be fall applied in winter wheat

Water Volumes

Ground

- // Minimum of 15 gal./ac. (140 L/ha)

Rainfastness

- // Rainfast 1 hour after application

Restricted-Entry Interval

- // Do not enter treated fields for 24 hours after application

Residue and Grazing

- // Do not graze treated crops or cut for forage or hay within 25 days of application
- // Do not harvest barley or wheat (durum or spring) for grain or straw within 60 days of application

Re-Cropping Intervals

- // Barley, canola, corn (field)¹, oats, potatoes, soybeans¹ and wheat (durum and spring) can be planted 10 months following an application of Infinity FX

¹ Manitoba and Eastern Canada only.

Tank Mixes

- // For a list of permissible tank mixes supported by Bayer, visit crops.bayer.ca/TankMixList

Storage

- // Heated storage not required



Mix It Up. Weed out herbicide resistance. Infinity FX uses three different modes of action to help control resistant weeds. Visit MixItUp.ca to learn more.

PARDNER®



HERBICIDE

CROPS FOR USE

Barley
Canola
(Pre-seed up to 24 hours
before seeding)
Corn (field, sweet)
Fall rye
Grain and
forage sorghum
Millet
Oats
Seedling grasses
Triticale
Wheat

ACTIVE INGREDIENT

Bromoxynil
- Group 6

FORMULATION

**Liquid-emulsifiable
concentrate**

PACKAGING

8 L jug = 20 ac.
(one 2 x 8 L case treats
40 ac.)

WEEDS CONTROLLED

American nightshade
(seedlings up to
4 leaf stage)

Bluebur
(seedlings up to
4 leaf stage)

Cocklebur
(seedlings up to
4 leaf stage)

Common buckwheat
(seedlings up to
8 leaf stage)

Common groundsel
(seedlings up to
8 leaf stage)

Common ragweed
(seedlings up to
4 leaf stage)

Cow cockle¹
(seedlings up to
4 leaf stage)

Green smartweed
(seedlings up to
4 leaf stage)

Lady's-thumb
(seedlings up to
4 leaf stage)

Lamb's-quarters
(seedlings up to
8 leaf stage)

Pale smartweed
(seedlings up to
4 leaf stage)

Pigweed
(seedlings up to
4 leaf stage)

Russian thistle
(seedlings up to
4 leaf stage or
5 cm in height)

Stinkweed¹
(seedlings up to
4 leaf stage)

Tartary buckwheat
(seedlings up to
8 leaf stage)

Velvetleaf
(seedlings up to
4 leaf stage)

Volunteer canola
(including
herbicide-tolerant
varieties, seedlings
up to 4 leaf stage)

Wild buckwheat
(seedlings up to
8 leaf stage)

Wild mustard¹
(seedlings up to
4 leaf stage)

¹ In normal conditions, will
control up to the 4 leaf stage.
Plants beyond this stage are
unlikely to be controlled.

For full details, please
reference product label.

Features and Benefits

- // Wide window of application
- // No re-cropping restrictions
- // Excellent crop safety
- // Excellent tool to manage Group 2-resistant weeds
- // Registered for use on various crops and forage grasses
(consult label for application timing and rates)

Application Guidelines

Rate

- // Registered application rate:
0.4 to 0.48 L/ac. or 16.5 to 20 ac./jug

Application Tips

- // Spray coverage on weeds is very important
- // Always travel at the proper speed
- // Since Pardner is a contact herbicide, use nozzles designed to achieve a medium to coarse droplet size (approximately 250 to 350 microns). Avoid larger, higher-output nozzles that increase the droplet size (greater than 350 microns) because it can potentially reduce weed control from inadequate weed coverage.

Application Timing

// Barley, fall rye, oats and triticale

Spring application: 2 leaf to early flag leaf stage

// Seedling grasses 2 to 4 leaf

// Sorghum 4 leaf stage to 20 cm in height

// Wheat Spring application: 2 leaf to early flag leaf stage Winter application: 2 to 4 leaf stage

Water Volumes

Ground

- // Minimum of 15 gal./ac. (140 L/ha)

Rainfastness

- // Rainfast 1 hour after application

Restricted-Entry Interval

- // Do not enter treated fields for 24 hours after application

Tank Mixes

- // Tank mix with Roundup in pre-seed applications to control herbicide-tolerant volunteer canola
- // Many tank-mix options available for grass weed control and enhanced broadleaf weed control
- // For a list of permissible tank mixes supported by Bayer, visit cropscience.bayer.ca/TankMixList



HERBICIDE

CROPS FOR USE

Barley
Meadow brome grass
(grown for forage
or seed production)
Seedling perennial
ryegrass
(grown for seed)
Wheat
(durum and spring)

**ACTIVE
INGREDIENT**

Fenoxaprop-p-ethyl
- Group 1

FORMULATION

**Emulsifiable
concentrate**

PACKAGING

8.25 L jug = 20 ac.
(one 2 x 8.25 L case
= 40 ac.)

**WEEDS
CONTROLLED**

Barnyard grass
(1 to 6 leaf, up to
emergence of the
3rd tiller)

Green foxtail
(1 to 6 leaf, up to
emergence of the
3rd tiller)

Wild oats
(1 to 6 leaf, up to
emergence of the
3rd tiller)

Yellow foxtail
(1 to 6 leaf, up to
emergence of the
3rd tiller)

For full details, please
reference product label.

Features and Benefits

- // Control of barnyard grass, green and yellow foxtail and wild oats
- // Superior crop safety in barley and wheat
- // Wide window of application (1 to 6 leaves on main stem plus 3 tillers)
- // Excellent tank-mix partner with Infinity, Infinity FX and other permissible broadleaf herbicides
- // Affordable wild oat control offers excellent return on investment potential
- // Registered for both ground and aerial application
- // No re-cropping restrictions

Application Guidelines

Rate**Barley and Wheat**

- // Registered application rate: 0.412 L/ac.
- // Crop stage is between 1 and 6 leaves on main stem plus 3 tillers; apply at the 3 to 4 leaf stage and at the full label rate to achieve maximum crop tolerance and weed control

Meadow brome grass (grown for forage or seed production) and seedling perennial ryegrass (grown for seed)

- // Registered application rate: 0.412 L/ac.
- // Apply when the crop is in the 2 to 4 leaf stage

Application Tips

- // Medium to coarse droplet size is important for optimum coverage
- // Do not apply within 24 hours of night temperatures below 5°C as crop injury may occur

Water Volumes

Ground

- // Minimum of 15 gal./ac. (140 L/ha)

Aerial

- // Minimum of 4 gal./ac. (37 L/ha)

Rainfastness

- // Rainfast 1 hour after application

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Residue and Grazing

- // Do not graze the treated barley or wheat or cut for hay within 25 days of application, or harvest for grain within 65 days of application
- // Do not graze the treated perennial ryegrass or cut for straw within 65 days of application
- // Do not graze the treated meadow brome grass or cut for hay within 25 days of application

Tank Mixes

- // For a list of permissible tank mixes supported by Bayer, visit cropscience.bayer.ca/TankMixList

Storage

- // Heated storage is required



HERBICIDE

CROPS FOR USE

Wheat
(durum, spring, winter)

ACTIVE INGREDIENT

Thiencarbazone-methyl

- Group 2

FORMULATION

Liquid OD formulation

PACKAGING

8 L jug = 40 ac.

(one 2 × 8 L case treats 80 ac.)

WEEDS CONTROLLED

GRASS WEEDS

Barnyard grass

(1 to 6 leaf, up to emergence of the 3rd tiller)

Green foxtail

(1 to 6 leaf, up to emergence of 3rd tiller)

Japanese brome

(1 to 6 leaf, control of spring germinated and suppression of overwintered)

Persian darnel

(1 to 6 leaf, up to emergence of the 3rd tiller, suppression only)

Wild oats

(1 to 6 leaf, up to emergence of the 3rd tiller)

Yellow foxtail

(1 to 6 leaf, up to emergence of the 3rd tiller, suppression only)

BROADLEAF WEEDS

Cleavers

(1 to 6 whorls)

Hemp-nettle

(1 to 6 leaf stage)

Lamb's-quarters

(1 to 6 leaf stage, suppression only)

Pale smartweed

(1 to 6 leaf stage)

Redroot pigweed

(1 to 6 leaf stage)

Round-leaved mallow

(1 to 6 leaf stage, suppression only)

Russian thistle

(up to 10 cm in height, suppression only)

Shepherd's-purse (1 to 6 leaf stage)

Stinkweed

(1 to 6 leaf stage)

Volunteer canola

(1 to 6 leaf stage, non-ALS tolerant varieties)

Wild buckwheat

(1 to 6 leaf stage)

Wild mustard

(1 to 6 leaf stage)

For full details, please reference product label.

Features and Benefits

- // Provides strong performance on grass weeds, such as barnyard grass, green foxtail, Japanese brome, Persian darnel, yellow foxtail and wild oats
- // Varro is a "Broadleaf Booster" – delivering activity on selected broadleaf weeds. This enhances the performance of all broadleaf herbicides where Varro is a permissible tank mix.
- // A Group 2 herbicide that controls Group 1-resistant foxtail and wild oats
- // Allows crop rotation flexibility to sensitive crops, such as dry beans
- // Registered for both ground and aerial application in wheat

Application Guidelines

Crop safety

- // Varro provides excellent crop safety on durum, spring and winter wheat

Rate

- // Registered application rate: 0.2 L/ac.
- // One 8 L jug = 40 ac. (one 2 × 8 L case = 80 ac.)

Application Timing

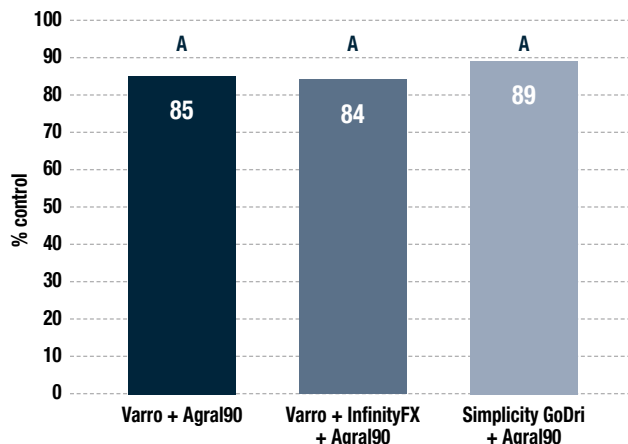
- // 1 to 6 leaf stage with a maximum of 3 tillers, but prior to the presence of the first node (jointing)
- // Do not apply an ALS herbicide, such as Varro, following the presence of the first node as crop injury may result
- // Cold temperatures: Do not spray 3 days prior to or following cold temperatures (3°C or lower)

Under drought conditions

- // Do not spray Varro herbicide if time between seeding and spraying exceeds 35 days as drought hastens crop development

Early Weed Control for Optimal Performance

- // Spray early to maximize the performance of Varro herbicide
- // Early weed removal optimizes yields and product performance



Source: 2025 Eastern Canada Market Development (1 location)
No statistical difference between treatment means. Your results may vary according to agronomic, environmental and pest variables.



When to Add AMS

- // Bayer research has demonstrated that the addition of AMS to Varro herbicide can increase wild oat control by 5 to 10% depending upon environmental conditions and weed pressure*
- // Bayer recommends the addition of AMS on spring wheat. Do not add AMS on durum wheat as it is more sensitive to crop injury (NIS can be added on durum). Always add AMS when Varro is tank mixed with Prestige™ XL herbicide or Curtail® M herbicide.
- // One 10 L jug of AMS treats 20 ac.

*Source: 11 Bayer internal research trials (6 trials in 2010 and 5 trials in 2011). Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

Water Volumes

- // Minimum of 10 gal./ac. (94 L/ha)

Rainfastness

- // Rainfast 1 hour after application

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Residue and Grazing

- // Do not graze the treated crop or cut for forage hay within 7 days or cut for hay within 30 days of application

Re-Cropping Intervals

- // Alfalfa, barley, corn (field), dry beans, mustard, oats (spring), soybeans and wheat (spring and winter) can be planted 10 months following an application of Varro

Tank Mixes

- // For a list of permissible tank mixes supported by Bayer, visit **cropscience.bayer.ca/TankMixList**

Storage

- // Heated storage is required



HERBICIDE

CROPS FOR USE

Wheat
(durum, spring, winter)

ACTIVE INGREDIENTS

Bromoxynil

- Group 6

Pyrasulfotole

- Group 27

Thiencarbazone-methyl

- Group 2

FORMULATION

Liquid OD formulation

PACKAGING

8.1 L jug = 20 ac.

(one 2 x 8.1 L case treats 40 ac.)

WEEDS CONTROLLED

GRASS WEEDS

Barnyard grass

(1 to 6 leaf, up to emergence of the 3rd tiller)

Green foxtail

(1 to 6 leaf, up to emergence of the 3rd tiller)

Japanese brome^{1,4}

(1 to 6 leaf stage, suppression only)

Persian darnel

(1 to 6 leaf stage, up to emergence of the 3rd tiller, suppression only)

Wild oats⁴

(1 to 6 leaf stage, up to emergence of the 3rd tiller)

Yellow foxtail

(1 to 6 leaf stage, up to emergence of the 3rd tiller, suppression only)

BROADLEAF WEEDS

Annual sow thistle

(1 to 6 leaf stage)

Canada fleabane⁴

(up to 10 cm in height/diameter)

Canada thistle

(suppression, up to 30 cm in height)

Chickweed

(1 to 6 leaf stage)

Cleavers^{2,4}

(1 to 6 whorl stage)

Common ragweed

(1 to 6 leaf stage)

Dandelion³

(up to 10 cm in height/ 25 cm in diameter, suppression only)

Flixweed

(up to 10 cm in height)

Giant ragweed⁴

(1 to 6 leaf stage, suppression only)

Hemp-nettle

(1 to 6 leaf stage)

Lamb's-quarters

(1 to 6 leaf stage)

Pale smartweed

(1 to 6 leaf stage)

Perennial sow thistle

(1 to 6 leaf stage, suppression only)

Redroot pigweed

(1 to 6 leaf stage)

Round-leaved mallow

(1 to 6 leaf stage)

Russian thistle

(up to 10 cm in height)

Shepherd's-purse

(1 to 6 leaf stage)

Spreading atriplex⁴

(1 to 6 leaf stage, suppression only)

Stinkweed

(1 to 6 leaf stage)

Volunteer canola

(including herbicide-tolerant varieties, 1 to 6 leaf stage)

Wild buckwheat

(1 to 6 leaf stage)

Wild mustard

(1 to 6 leaf stage)

¹Suppression of mixed populations of fall- and spring-germinated Japanese brome.

²Includes indoleacetic acid (Group 4)-resistant biotypes.

³Includes seedlings and overwintered rosettes.

⁴For enhanced control of Canada fleabane, cleavers in the 4 to 6 whorl stage (including ALS resistant), Japanese brome, wild oats, and suppression of giant ragweed and spreading atriplex, add Ammonium Sulfate (AMS) Utility Modifier (40% solution) at a rate of 0.5 L/ac. One jug of AMS Utility Modifier will treat 20 ac.

For full details, please reference product label.

Features and Benefits

- // All-in-one, pre-mixed herbicide has your grass and broadleaf active ingredients combined in one jug
- // Powerful resistance management tool with three chemistries (Groups 2, 6 and 27) that combat both Group 1-resistant wild oats and Group 2-resistant broadleaf weeds
- // Excellent crop safety
- // Registered for both ground and aerial application in wheat

Application Guidelines

- // Can be applied as a fall or spring application

Rate

- // Registered application rate: 0.405 L/ac.
- // One 8.1 L jug treats 20 ac. (one 2 x 8.1 L case treats 40 ac.)

Application Timing

- // 1 to 6 leaf stage and maximum 3 tillers, but prior to presence of first node
- // Do not apply an ALS herbicide, such as Velocity m3, after the first node is present as crop injury may occur
- // Cold temperatures: do not spray 3 days prior to or following cold temperatures (3°C or lower)

Under drought conditions

- // Do not spray Velocity m3 herbicide if time between seeding and spraying exceeds 35 days as drought hastens crop development



Water Volumes

// Minimum of 10 gal./ac. (94 L/ha)

Rainfastness

// Rainfast 1 hour after application

Restricted-Entry Interval

// Do not enter treated fields for 24 hours after application

Residue and Grazing

- // Do not harvest spring wheat for grain or straw within 60 days of application, or winter wheat within 72 days of application
- // Do not graze or cut for forage within 25 days of application or cut for hay within 30 days of application

Re-Cropping Intervals

// Alfalfa, barley, corn (field)¹, oats, soybeans¹ and wheat can be planted 10 months following an application of Velocity m3

¹ Manitoba and Eastern Canada only.

Application Tips

- // Fill the spray tank ¼ to ½ full with clean water and begin agitation or bypass
- // If adding AMS, always add AMS to the tank first (one 10 L jug of AMS will treat 20 ac.)
- // Next, add Velocity m3, followed by the permissible tank-mix partner
- // If adding a tank mix permissible MCPA or 2,4-D, always include AMS

If you are faced with winter annuals or perennials, Bayer recommends the following options to improve the activity of Velocity m3:

Canada thistle, dandelion or perennial sow thistle

- // Add 4 oz./ac. of tank mix permissible MCPA Ester (189 mL/ac. of MCPA Ester 600). The crop needs to be at the 3 leaf stage when adding MCPA or using products containing MCPA.

Tank Mixes

- // For a list of permissible tank mixes supported by Bayer, visit cropscience.bayer.ca/TankMixList

Storage

- // Heated storage is required

[illegible]



FUNGICIDE

CROPS FOR USE	ACTIVE INGREDIENTS	PACKAGING	
Corn (field, pop, seed, sweet) Dry beans Oats Soybeans Wheat (spring, winter)	Prothioconazole - Group 3 Fluopyram - Group 7 Trifloxystrobin - Group 11	7.1 L jug = 30 ac./jug 113.8 L = 480 ac./drum 426.6 L tote = 1,800 ac./tote	OATS Crown rust Septoria leaf blotch Stem rust
	FORMULATION Suspension concentrate	DISEASES CONTROLLED BARLEY Net blotch Scald Leaf rust Stem rust Stripe rust Powdery mildew	WHEAT (spring, winter) Septoria leaf blotch Powdery mildew Tan spot Leaf rust Stem rust Stripe rust
			For full details, please reference product label.

Features and Benefits

- // Contains the Group 7 active, fluopyram, which offers excellent protection in high-disease pressure situations
- // Three modes of action (Groups 3, 7, 11) that work in tandem for added protection
- // Broad-spectrum systemic fungicide delivering excellent control of all major, labelled leaf diseases including blotch (septoria, net), rusts (leaf, stem, stripe), crown rust and tan spot

Application Guidelines

- // Do not apply more than 2 applications per crop year to winter wheat
- // Do not apply more than 1 application per crop year to barley, oats, durum wheat and spring wheat
- // A Non-Ionic Surfactant at 0.125% v/v may be used with Delaro Complete for winter wheat

Rate

- // Barley, oats, wheat (spring): 237 mL/ac. (586 mL/ha)
- // Wheat (winter): 189 to 237 mL/ac. (468 to 586 mL/ha)

Application Tips

- // Begin fungicide applications preventively or at the first signs of disease development
 - Barley, oats and wheat (spring): From 4 leaf to flag leaf but prior to head emergence
- // Wheat (winter):
 - **Single application:** 4-leaf stage up to flag leaf

- **Two applications:** First application: 4-leaf stage to flag leaf stage. Second application: not within 14 days of the first application and prior to head emergence

- // May be applied by ground or aerial spray equipment

Water Volumes

Ground

- // Minimum of 10 gal./ac. (94 L/ha)

Rainfastness

- // Rainfast 1 hour after application

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Pre-Harvest Interval

CROP	PRE-HARVEST INTERVAL (DAYS)
Soybean	20
Field corn, popcorn	14 (grain)
Sweet corn	14 (ears)
Spring and durum wheat, barley, oats, triticale	45
Winter wheat	45

Storage

- // Heated storage is required



FUNGICIDE

CROPS FOR USE

Barley
Oats
Triticale
Wheat
(durum, spring, winter)

ACTIVE INGREDIENTS

Fluopyram
- Group 7
Prothioconazole
- Group 3
Tebuconazole
- Group 3

FORMULATION

Suspension concentrate

PACKAGING

6.07 L jug = 20 ac.
97.17 L drum = 320 ac.

DISEASES CONTROLLED

Leaf blotch
Leaf rust
Net blotch
Powdery mildew
Scald
Septoria glume blotch
Septoria leaf blotch
Spot blotch
Stem rust
Stripe rust
Tan spot

DISEASES SUPPRESSED

Ergot
Fusarium head blight

For full details, please reference product label.

Features and Benefits

- // Designed for you, the wheat and barley grower looking to maximize your return on investment
- // Delivers exceptional protection from fusarium head blight (FHB) and reduces deoxynivalenol (DON)
- // The first foliar fungicide registered in Canada with ergot on the label
- // Provides excellent control of all major, labelled leaf diseases including blotch (glume, leaf, net, spot), rusts (leaf, stem, stripe) and tan spot
- // A multi-mode of action solution containing three powerful active ingredients: fluopyram (Group 7), prothioconazole (Group 3) and tebuconazole (Group 3)
- // Helps deliver a healthy green crop without impacting maturity

Application Guidelines

Rate

- // 0.303 L/ac. = 20 ac./jug
- // Addition of Non-Ionic Surfactant (NIS) required at 0.125% vol/vol

Application Timing

Head Disease

- // Barley: For suppression of fusarium head blight, apply Prosaro PRO as a preventive application from when at least 70% to 100% of the barley stem heads are fully emerged to 3 days after full head emergence. Application at this timing will also control leaf disease.
- // Wheat: For suppression of fusarium head blight, apply Prosaro PRO as a preventive application from when at least 75% of the wheat heads on the main stem are fully emerged to when 50% of the heads on the main stem are in flower. Application at this timing will also control labelled leaf disease.



Water Volumes

Ground

// Minimum of 10 gal./ac. (94 L/ha)

Aerial

// Minimum of 5 gal./ac. (47 L/ha)

Tank Mixes

- // Add one-half of the required amount of water to the permissible tank mix and start agitation
- // Add the required quantity of Prosaro PRO to the water and complete filling with water to the required total volume
- // Maintain agitation throughout mixing
- // Prosaro PRO is recommended to be used with a registered Non-Ionic Surfactant, such as Agral® 90 fungicide, Ag Surf® insecticide at 0.125% vol/vol. **Prosaro PRO should be thoroughly mixed prior to the addition of a NIS.** Add the NIS into the tank last after Prosaro PRO and water have been mixed into solution.

Rainfastness

// Rainfast 1 hour after application

Restricted-Entry Interval

// Do not enter treated fields for 12 hours after application

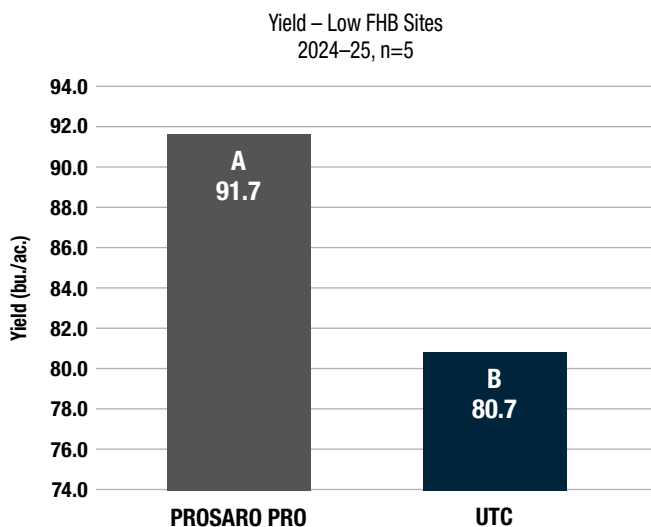
Pre-Harvest Interval

- // Applications may not be made within 36 days of harvest
- // Do not allow livestock to graze, or feed green forage to livestock prior to 14 days after application
- // Straw cut after harvest may be fed or used for bedding

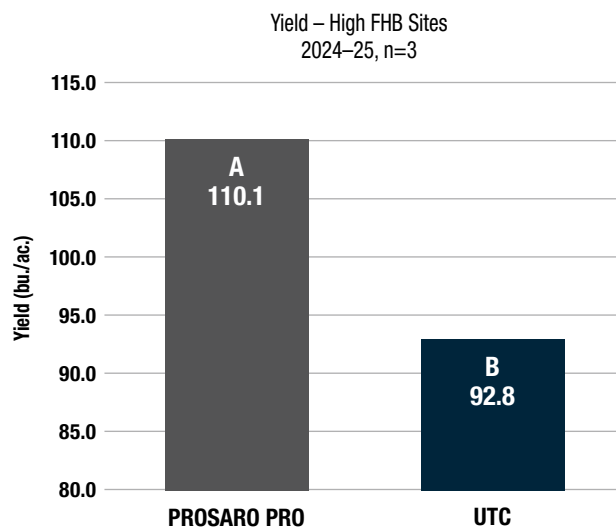
Storage Guidelines

// Heated storage is required

Disease Pressure – T3 Wheat Fungicide Summary – 2 Year Results



Source: 5 Bayer Crop Science Market Development Trials (2024–2025). Your results may vary depending on agronomic, environmental, pest and disease pressure variables.



Source: 3 Bayer Crop Science Market Development Trials (2024–2025). Your results may vary depending on agronomic, environmental, pest and disease pressure variables.



FUNGICIDE

CROPS FOR USE

Barley
Chickpeas
Dry peas
Corn
(field, pop, seed, sweet)
Lentils
Millet
Oats
Rye
Soybeans
Triticale
Wheat
(durum, spring, winter)

ACTIVE INGREDIENTS

Prothioconazole
- Group 3
Trifloxystrobin
- Group 11

FORMULATION
Suspension concentrate

PACKAGING

7.1 L jug
Barley, oats, triticale, wheat (durum, spring): 1 jug treats 30 ac.
Wheat (winter): 1 jug treats 30 to 40 ac.
113.6 L tote
Barley, oats, triticale, wheat (durum, spring): 1 tote treats 480 ac.
Wheat (winter): 1 tote treats 480 to 640 ac.

DISEASES CONTROLLED

BARLEY
Leaf rust
Net blotch
Powdery mildew
Scald
Stem rust
Stripe rust

OATS
Crown rust
Leaf blotch
Stem rust

TRITICALE

Scald
Stem rust

WHEAT
(durum, spring, winter)
Leaf rust
Powdery mildew
Septoria leaf blotch
Stem rust
Stripe rust
Tan spot

For full details, please reference product label.

Features and Benefits

- // Stratego PRO combines two highly dynamic and complementary active ingredients – prothioconazole (Group 3) and trifloxystrobin (Group 11) – to provide quick and long-lasting protection
- // Stratego PRO delivers comprehensive leaf disease protection, while maximizing the yield potential of your winter wheat. It delivered an average +11% additional yield over the untreated check*.
- // Use Stratego PRO at herbicide timing for long-lasting, broad-spectrum foliar disease protection, followed by Prosaro PRO fungicide at head timing for increased long-term disease protection

*Source: 17 Bayer internal trials (2012 and 2013). Your results may vary depending on agronomic, environmental and disease pressure variables.

Application Guidelines

Rate

- // Barley, oats, triticale, wheat (durum, spring): 230 mL/ac. (572 mL/ha)
- // Wheat (winter): 177 to 230 mL/ac. (440 to 572 mL/ha)

Application Tips

- // Tank mix with Buctril M, Infinity or Infinity FX herbicides for comprehensive early-season pest management
- // When tank mixing with Buctril M, Infinity or Infinity FX, do not apply within 24 hours of night temperatures below 5°C as crop injury (leaf tip burn) may occur
- // Follow up with an application of Prosaro PRO at head timing for complete disease management

Application Timing

- // Optimal timing is T1 (Z 21 to Z 37). This application can be made in conjunction with herbicide timing for early-season pest control.

Water Volumes

Ground

- // Minimum of 10 gal./ac. (94 L/ha), recommend 20 gal./ac. (187 L/ha)

Aerial

- // Minimum of 5 gal./ac. (47 L/ha)

Rainfastness

- // Rainfast 1 hour after application

Restricted-Entry Interval

- // Do not enter treated fields for 24 hours after application

Pre-Harvest Interval

APPLICATIONS	PRE-HARVEST INTERVAL (DAYS)
One application: Barley Oats Triticale Wheat (durum, spring, winter)	Do not apply within 30 days of cutting for forage. Do not allow livestock to graze within 30 days of application. Do not apply within 45 days of harvest for grain, hay and straw.
Two applications: Wheat (winter)	If two applications are applied to winter wheat, do not harvest the treated crop for forage or hay and do not let livestock graze within the treated area. Do not apply within 45 days of harvest for grain.

Storage

- // Heated storage is required



INSECTICIDE

CROPS FOR USE		ACTIVE INGREDIENT	PACKAGING	INSECTS CONTROLLED
Barley Canola Corn (field, seed, sweet)	Dry beans Oats Sugarbeets Wheat	Deltamethrin - Group 3	DECIS 100 EC 1.2 L jug (See label for details on rate ranges and pests.)	CEREALS Cereal leaf beetle Cutworm Grasshopper For full details, please reference product label.
		FORMULATION Emulsifiable concentrate		

Features and Benefits

- // Decis is registered for application either by ground or air, and is not prone to gassing off, washing off or leaching
- // Flexible application rates to address insect stages and temperature variations within insect populations
- // Readily tank mixable with many leading herbicides
- // When spraying under high temperature (+25°C), it is recommended that the highest registered application rate be used

Application Guidelines

RECOMMENDED RATES

CROPS	INSECT	100 EC RECOMMENDED RATE	ACRES PER JUG 100 EC
Barley Oats Wheat	Cutworm	40 mL/ac.	30 ac./1.2 L jug 120 ac./4.8 L jug
Barley Oats Wheat	Grasshopper	30 mL/ac.	40 ac./1.2 L jug 160 ac./4.8 L jug

Application Timing

Cutworm

- // Ground or aerial – apply once per season when larvae are present and feeding
- // Do not disturb the soil after application
- // Under severe insect pressure, application should also be made to a 15 m strip along the fencerows around the field
- // Do not apply to adjacent crops
- // Best results will be achieved if product is applied in the late evening, night or early morning

Grasshopper

- // Ground – apply when grasshoppers are in the 2 to 4 nymphal stage

- // Best control will be achieved when application is made prior to wing development
- // Under severe insect pressure, application should also be made to a 15 m strip along the fencerows around the field
- // Aerial – use as directed
- // Rate – 60 mL/ac. recommended for optimal control

Water Volumes

Ground

- // Minimum of 10 gal./ac. (94 L/ha)

Aerial

- // Minimum of 1 gal./ac. (9.4 L/ha)

Rainfastness

- // Rainfast 1 hour after application

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Re-Cropping Intervals

- // No re-cropping restrictions

Pre-Harvest Intervals

- // Decis may not be applied within the following timelines:

CROPS	PRE-HARVEST INTERVAL (DAYS)
Barley, Wheat	40
Oats	31

Tank Mixes

- // For a list of permissible tank mixes supported by Bayer, visit cropscience.bayer.ca/TankMixList

Storage

- // Heated storage is required

Ethrel®

GROWTH REGULATOR

CROPS FOR USE

Wheat
(spring, winter)

**ACTIVE
INGREDIENT**
Ethephon
- Growth regulator

FORMULATION
Liquid flowable

PACKAGING
10 L jug
= 6.7 to 10 ha in
spring wheat
= 4.0 to 8.0 ha in
winter wheat

For full details, please
reference product label.

Application Guidelines

Rate

// 0.5 L/ac. (1.25 L/ha)

Application Timing

- // Proper timing of an Ethrel application is essential. Early or late applications will result in adverse effects to the crop. Determining the growth stage of the crop is best accomplished by sampling several plants from around the field.
- // Apply when main stem and most of the tillers are between early flag leaf emergence to swollen-boot stage (Z 37 to Z 45)
- // Do not apply if more than 10% of the awns have emerged (Z 49)
- // Do not apply within 35 days of harvest

Application Tips

- // Recommended nozzle type is flat fan
- // Thorough and uniform coverage of the upper plant leaves is essential for optimal results
- // The spray boom must be a minimum of 50 cm (20 in.) above the crop canopy
- // Avoid overlaps while spraying
- // Do not apply Ethrel if the crop is under any type of stress
- // Do not allow mixed solution to stand overnight
- // Do not add surfactants or wetting agents to the spray solution
- // Adjust Ethrel application rates according to environmental and growth stages. Use higher rates on crops that are highly fertilized (>90 lb./ac. [100 kg/ha] of nitrogen), have ample moisture during the growing season (>25 cm [10 in.] of precipitation or 35 cm [14 in.] of irrigation) or when lodging conditions are expected to be severe.

Water Volumes

- // Minimum of 21 gal./ac. (196 L/ha)

Rainfastness

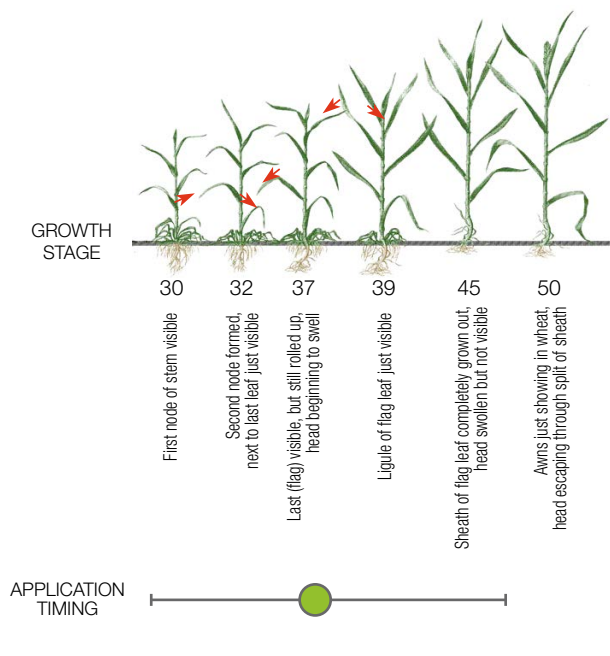
- // Rainfast 5 hours after application

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Storage

- // Heated storage is required



CORN

Crop Staging Guide

Traits

SmartStax® PRO with RNAi Technology	Trecepta® RIB Complete®	VT Double PRO® RIB Complete®
SmartStax® RIB Complete®	VT4PRO® with RNAi Technology	

Seed Treatment

Acceleron® Solutions

Herbicides

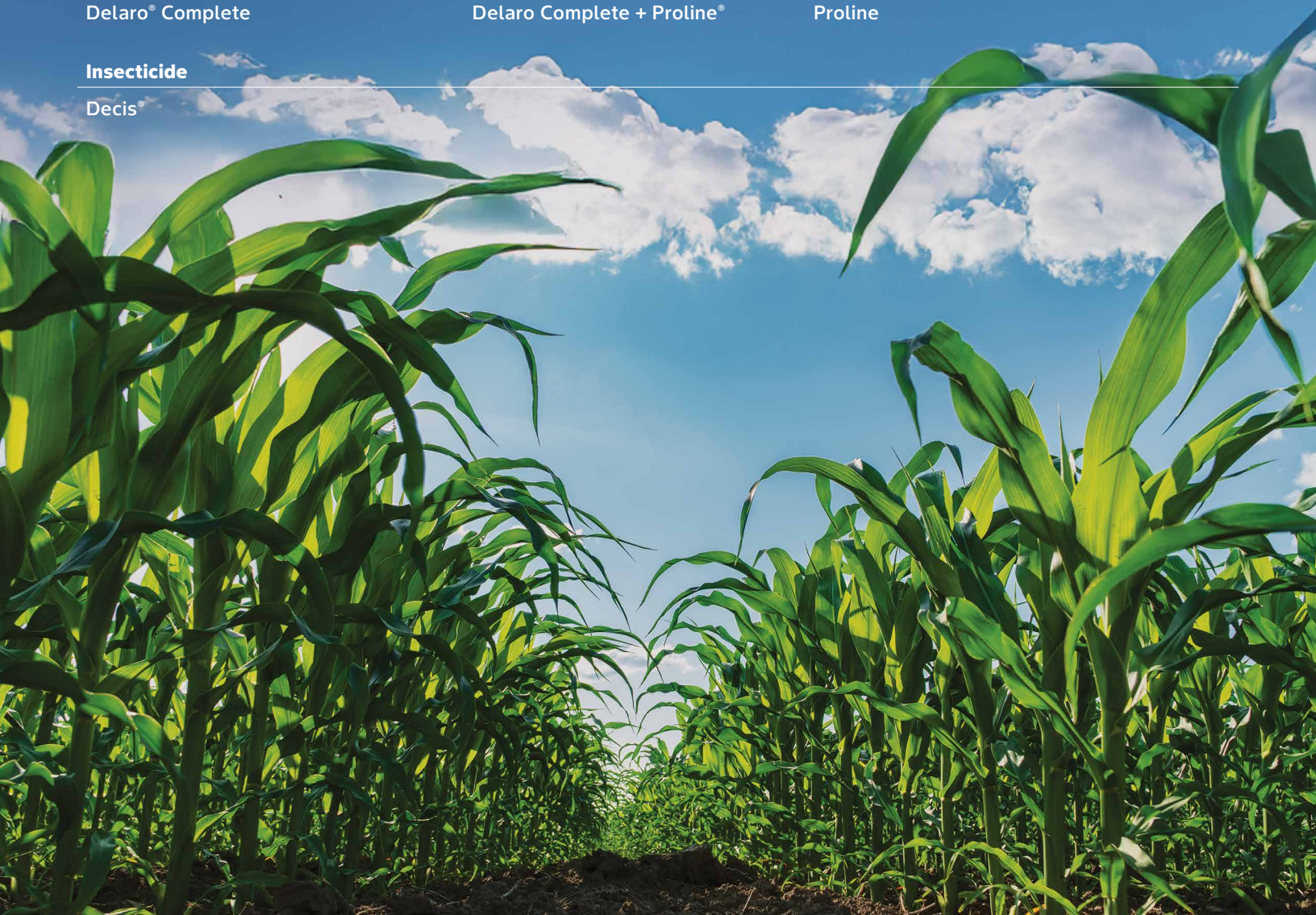
Converge® XT	Laudis®	Roundup Xtend® 2 with VaporGrip® Technology
Convintro® Corn 12	Laudis + Pardner	XtendiMax® 2 with VaporGrip® Technology
Corvus®		

Fungicides

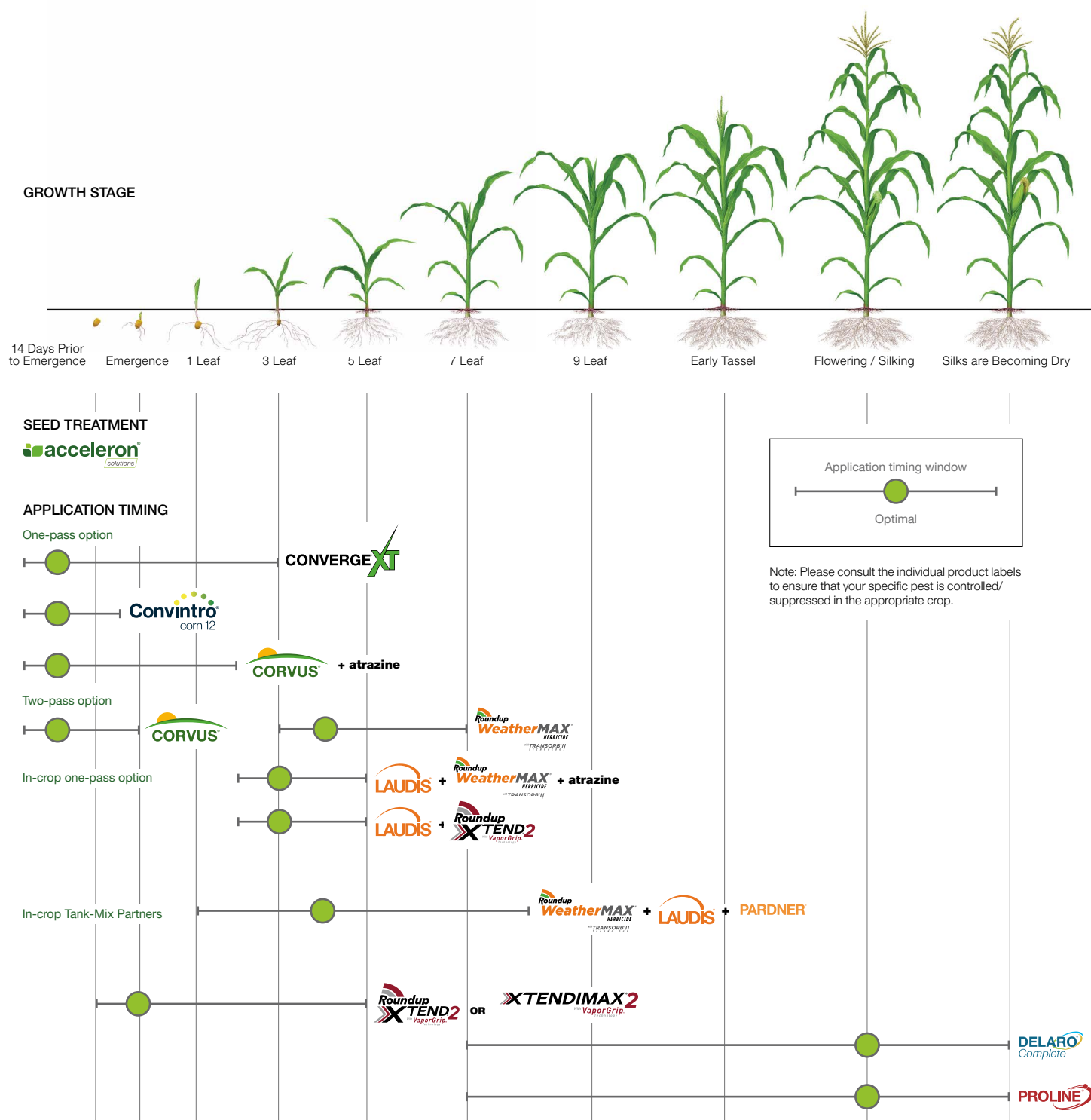
Delaro® Complete	Delaro Complete + Proline®	Proline
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Insecticide

Decis®



CORN CROP STAGING GUIDE



Next Generation of Corn Rootworm Protection

SmartStax PRO with RNAi Technology is the next generation of corn rootworm control. The trusted benefits of SmartStax Technology intertwined with RNAi-based mode of action, offers outstanding biotech defence against corn rootworm.*

Features and Benefits

- // First product with three modes of action for corn rootworm control, incorporating an industry-first RNAi mode of action
- // Multiple modes of action helps protect plants above and below the ground
- // Multiple modes of action against corn earworm¹, corn rootworm and European corn borer
- // Protects roots to enable the best uptake of nutrients and water
- // Protects shoots to enhance photosynthesis and grain corn production
- // Tolerant to glufosinate

¹ Cry1A.105 and Cry2Ab2 from B.t. controls or suppresses corn earworm. Your results may vary depending on agronomic, environmental and pest pressure variables.

*Source: 2021 and 2022 Eastern Canada Market Development, 9 locations: Tavistock, ON (21, 22), St. Barbe, QC (21, 22), St. Huges, QC (21, 22), Rodney, ON (21, 22) Brussels, ON (21). Treatment means are significantly different at P < 0.05. Your results may vary according to agronomic, environmental and pest variables.

Exceptional Above- and Below-Ground Protection

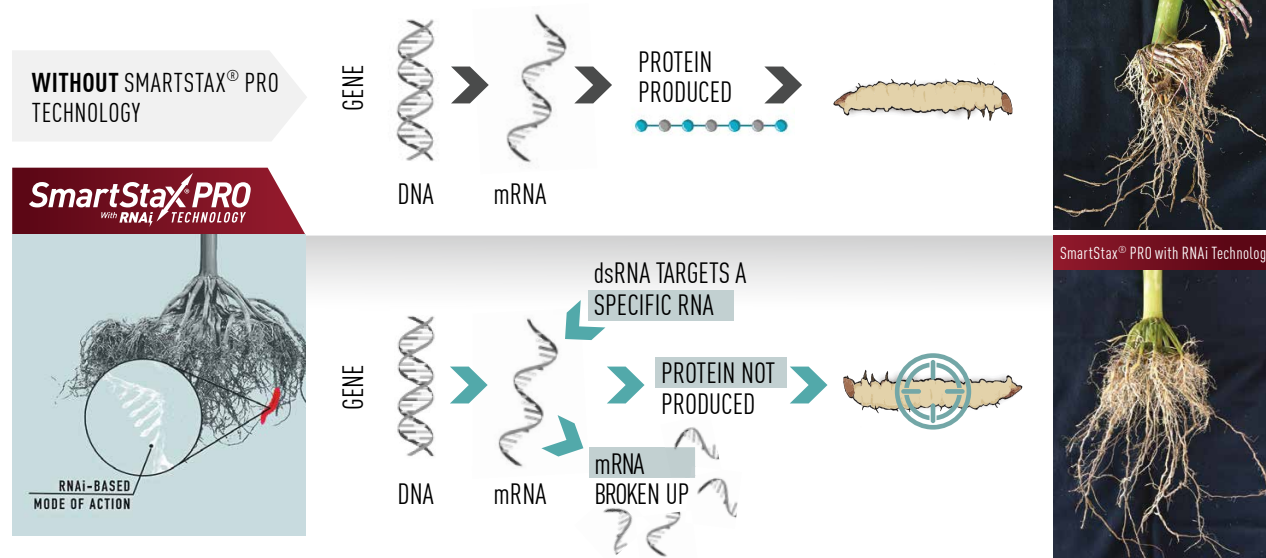
Unique modes of action give corn plants the protection they need against major, labelled pests that can inflict serious crop damage.

PRIMARY PESTS		SmartStax PRO RIB Complete Corn Blend	SmartStax RIB Complete Corn Blend
ABOVE-GROUND	Black Cutworm (<i>Agrotis ipsilon</i>)	*	*
	Corn earworm ¹ (<i>Helicoverpa zea</i>)	**	**
	European Corn Borer (<i>Ostrinia nubilalis</i>)	***	***
	Fall Armyworm (<i>Spodoptera frugiperda</i>)	***	***
BELOW-GROUND	Northern Corn Rootworm (<i>Diabrotica barberi</i>)	***	**
	Western Corn Root-worm (<i>Diabrotica virgifera</i>)	***	**
HERBICIDE TOLERANCE		Roundup Ready 2 Technology and Glufosinate Tolerance	Roundup Ready 2 Technology and Glufosinate Tolerance
REFUGE		5% RIB COMPLETE	5% IN THE BAG

Modes of action equal control of pest.

*Single-mode activity **Dual-mode activity ***Triple-mode activity

HOW DOES RNAi TECHNOLOGY CONTROL CORN ROOTWORM?



Photos taken from a Bayer Research Trial in Waterloo, IA on August 9, 2019. Your results may vary depending on agronomic, environmental and pest pressure variables.

TRAITS

Above- and Below-Ground Insect Protection, Plus the Convenience You Want

SmartStax RIB Complete corn is one of the most advanced insect and weed control systems available. SmartStax Technology provides broad spectrum above- and below-ground insect protection, including two proven and highly effective modes of action against corn rootworm. This broad spectrum insect protection and weed control blend contributes to higher yield potential for farmers.

Features and Benefits

- // Multiple modes of action help protect plants above and below the ground
- // Multiple modes of action against corn earworm¹, corn rootworm and European corn borer
- // Protects roots to enable the best uptake of nutrients and water
- // Protects shoots to enhance photosynthesis and grain corn production
- // Tolerant to glufosinate

PRIMARY PESTS		SmartStax [®] RIB COMPLETE	Qrome [®]
ABOVE-GROUND	Black Cutworm (<i>Agrotis ipsilon</i>)	*	*
	Corn Earworm ¹ (<i>Helicoverpa zea</i>)	**	
	European Corn Borer (<i>Ostrinia nubilalis</i>)	***	**
	Fall Armyworm (<i>Spodoptera frugiperda</i>)	***	*
BELOW-GROUND	Northern Corn Rootworm (<i>Diabrotica barberi</i>)	**	**
	Western Corn Rootworm (<i>Diabrotica virgifera</i>)	**	**
HERBICIDE TOLERANCE		Roundup Ready 2 Technology + Glufosinate Tolerance	Roundup Ready 2 Technology + LibertyLink [®]
REFUGE		5% RIB COMPLETE	5% IN THE BAG

*Single-mode activity **Dual-mode activity ***Triple-mode activity

Roundup Ready 2 Technology for broad-spectrum weed control

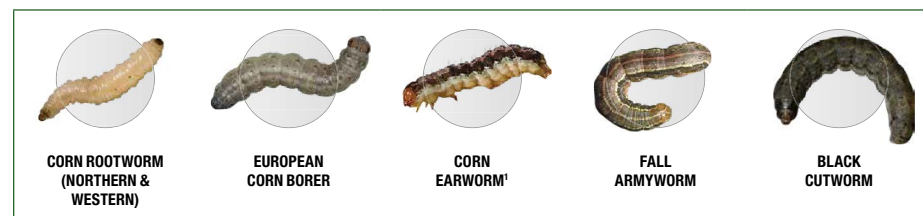
- // This product provides in-seed tolerance to Roundup agricultural herbicides

Automatic refuge compliance – blend of 95% insect protected and 5% refuge seed in every bag

- // With a 95/5% blend of insect-protected seed and refuge seed, you can plant the most traited acres across your entire farm

Exceptional Above- and Below-Ground Protection

Unique modes of action give corn plants the protection they need against major pests that can inflict serious crop damage.



¹ Cry1A.105 and Cry2Ab2 from B.t. controls or suppresses corn earworm.
Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

Get Cleaner Ears with Broad-Spectrum Protection Against Above-Ground Pests

Trecepta technology combines the power of three different modes of action for broad-spectrum control of above-ground feeding pests, including Western bean cutworm.¹ This technology helps to put more grain in the bin and more money in the bank.

¹ When Western bean cutworms were present, tested corn hybrids containing the Trecepta trait had higher yields and quality than the tested corn hybrids not containing the trait.

Source: 11 Market Development Trials (2017 and 2018).
Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

Features and Benefits

- Three unique modes of action for maximum protection from damage caused by above-ground feeding pests, including black cutworm, corn borer, corn earworm, fall armyworm and Western bean cutworm

- Built on the proven performance of VT Double PRO Technology
- Promotes healthy stalks and cleaner ears to help improve grain quality

Roundup Ready 2 Technology for broad-spectrum weed control

- This product provides in-seed tolerance to Roundup agricultural herbicides

Automatic refuge compliance – blend of 95% insect protected and 5% refuge seed in every bag

- With a 95/5% blend of insect-protected seed and refuge seed, you can plant the most traited acres across your entire farm

Trecepta RIB Complete promotes healthy stalks and cleaner ears that can help improve grain quality and yield performance.



$$\text{VT Double PRO}^{\text{®}} \text{ RIB COMPLETE} + \text{Agrisure Viptera}^{\text{®}} \text{ Trait} = \text{Trecepta}^{\text{®}} \text{ RIB COMPLETE}^{\text{®}} \text{ CORN}$$

Modes of Action

Black Cutworm	-	1	1
Corn Earworm ²	2	1	3
European Corn Borer	2	-	2
Fall Armyworm	2	1	3
Western Bean Cutworm	-	1	1

²Cry1A.105 and Cry2Ab2 from *B.t.* controls or suppresses corn earworm.



TRAITS

Strong Above-Ground Control with the Latest Corn Rootworm Defence

For farmers prioritizing performance, VT4PRO with RNAi Technology will provide a top-to-bottom defence backed by a **broad spectrum of protection** against corn insects. It will offer another choice for farmers looking for products that will provide root protection in low to moderate corn rootworm pressure conditions.

Features and Benefits

- // First product from Bayer to combine the three built-in modes of action in Trecepta® Technology, an elite above-ground pest package for corn, with two below-ground modes of action including RNAi Technology
- // Multiple modes of action against corn earworm¹, corn rootworm, European corn borer and Western bean cutworm
- // Protects roots to enable the best uptake of nutrients and water
- // Protects shoot to enhance photosynthesis and grain corn production
- // Contains Roundup Ready 2 Technology®

¹Cry1A.105 and Cry2Ab2 from B.t. controls or suppresses corn earworm. Your results may vary depending on agronomic, environmental and pest pressure variables.

3 ABOVE-GROUND MODES OF ACTION FOR BROAD-SPECTRUM PEST PROTECTION

Built on proven Trecepta Technology, VT4PRO Technology will help reduce yield loss by defending against a wide range of above-ground pests.



FALL ARMYWORM



CORN EARWORM



SOUTHWESTERN CORN BORER



WESTERN BEAN CUTWORM



BLACK CUTWORM



EUROPEAN CORN BORER

2 BELOW-GROUND MODES OF ACTION INCLUDING RNAi TECHNOLOGY

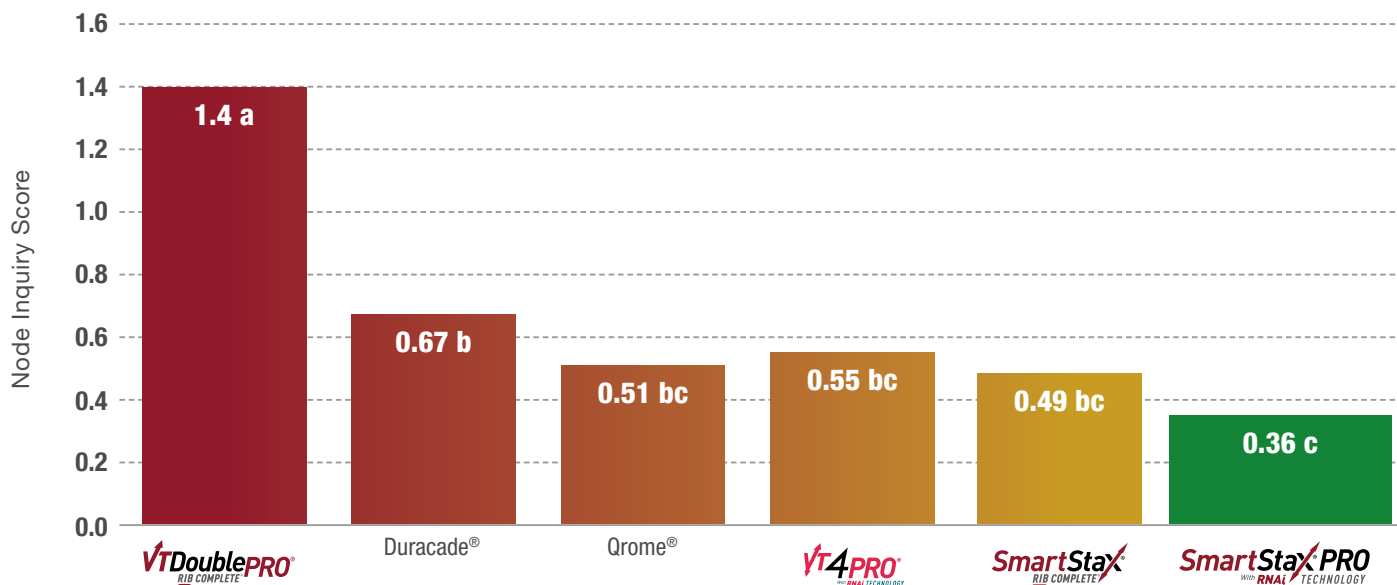
RNAi Technology is the latest defence from Bayer designed to help manage corn rootworm in a new and specific way.



CORN ROOTWORM - 2



CORN TRAIT EFFICACY



Source: 2021–2023. Data collected from 16 trials in Eastern Canada. Performance may vary from location to location 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.

CORN ROOTWORM PRESSURE HOW TO QUANTIFY CORN ROOTWORM RISK?

LOW

- > 1 year corn
- Sandy ground
- Little to no CRW concerns in the area
- Less than 2 beetles per trap per day in the previous year

MEDIUM

- Sandy-loam or heavier ground
- Some CRW concerns in the area
- 2-5 beetles per trap per day in the previous year

HIGH

- > 1 year corn
- Loam ground or heavier
- Visible corn rootworm injury the previous year
- 5+ beetles per trap per day in the previous year

NONE

Trecepta[®]

VTDoublePRO[®]

VT4PRO[®]

SmartStax[®]

SmartStaxPRO[®]

CROP ROTATION



For information on proper rotation guidelines, please refer to the Canadian Corn Pest Coalition.



TRAITS

Dual Modes of Action to Control Above-Ground Pests with the Convenience of Refuge in the Bag

VT Double PRO RIB Complete provides dual modes of action for above-ground insects with the convenience and simplicity of refuge in the bag. Plus, the refuge of just 5% of planted acres allows for higher whole-farm yield potential.

Features and Benefits

- // Advanced above-ground protection with dual modes of action to control corn earworm*, European corn borer and fall armyworm

*Cry1A.105 and Cry2Ab2 from B.t. controls or suppresses corn earworm.

Roundup Ready 2 Technology for broad-spectrum weed control

- // This product provides in-seed tolerance to Roundup agricultural herbicides

Automatic refuge compliance – blend of 95% insect protected and 5% refuge seed in every bag

- // With a 95/5% blend of insect-protected seed and refuge seed, you can plant the most traited acres across your entire farm

Powerful Protection from Problem Pests



EUROPEAN CORN BORER



CORN EARWORM



FALL ARMYWORM

PRIMARY PESTS	Optimum® AcreMax® ²	VT Double PRO RIB Complete Corn Blend ¹
Black Cutworm (<i>Agrotis ipsilon</i>)	*	
Corn Earworm ^{3,4} (<i>Helicoverpa zea</i>)		**
European Corn Borer (<i>Ostrinia nubilalis</i>)	**	**
Fall Armyworm (<i>Spodoptera frugiperda</i>)	*	**
HERBICIDE TECHNOLOGY	Roundup Ready 2 Technology / LibertyLink®	Roundup Ready 2 Technology
REFUGE	5% Single-Bag Refuge	5% Refuge-in-a-Bag
REFUGE EXAMPLES		

Modes of action equal control of pest.

** Dual-mode activity * Single-mode activity

¹ VT Double PRO RIB Complete is a corn seed blend of 95% B.t. seed and 5% non-B.t. seed.

² Optimum® AcreMax® is a Single-Bag Refuge Corn Solutions product.

³ Cry1A.105 and Cry2Ab2 from B.t. controls or suppresses corn earworm.

⁴ Pioneer claims suppression of corn earworm on the Optimum® AcreMax® label.

SEED TREATMENT

CROPS FOR USE

Corn

ACTIVE
INGREDIENT

BASIC

Fluoxastrobin

- Group 11

Metalaxyl

- Group 4

Prothioconazole

- Group 3

STANDARD

Fluoxastrobin

- Group 11

Metalaxyl

- Group 4

Prothioconazole

- Group 3

AND

Clothianidin

(Neonic option)

- Group 4

AND/OR

Tetraniliprole
(Diamide option)

- Group 28

FORMULATION

**Suspension
concentrate**

PACKAGING

- Commercially applied

DISEASES
CONTROLLED

BASIC, STANDARD

**Seed rot and
pre-emergence
damping-off**

- Caused by seed-borne
Aspergillus spp. and
Penicillium spp.

**Seed rot and
pre-emergence
damping-off**

- Caused by seed-borne
and soil-borne
Fusarium spp.

**Post-emergence
damping-off**

- Caused by soil-borne
Fusarium spp.

**Seed rot and
pre-emergence
damping-off**

- Caused by seed-borne
Cladosporium spp. and
Aspergillus spp.

**Seed rots and seedling
blights**

- Caused by
Pythium spp.

DISEASES
SUPPRESSED

STANDARD

**Seed rot and
pre-emergence
damping-off**

- Caused by
Penicillium spp.

INSECT
PROTECTION

STANDARD

Wireworms

White grubs

Seed corn maggots

For full details, please
reference product label.

CORN	acceleron®		acceleron®	
	BASIC		STANDARD	
INSECTICIDE			Neonicotinoid Option (Group 4A)	Diamide Option (Group 28)
			Insects controlled or suppressed: Wireworm, white grubs, seed corn maggots	
FUNGICIDE	Diseases controlled or suppressed: Pythium, rhizoctonia, fusarium, phomopsis, aspergillus, penicillium			

// Commercially applied by a seed supplier for convenience, and to ensure uniform and consistent coverage on every seed



HERBICIDE

CROPS FOR USE

Corn
(field and seed)

ACTIVE
INGREDIENTS

Atrazine¹
- Group 5

Isoxaflutole
- Group 27

¹ Atrazine is a required tank-mix partner. It is packaged within the Converge XT case and is labelled Converge 480.

FORMULATION

Suspension concentrate

PACKAGING

Each case contains 2.64 L Converge Flexx and 13.3 L Converge 480

Set-up rate
- Each case treats 30 ac.

Standard rate
- Each case treats 20 ac.

High rate
- Each case treats 15 ac.

WEEDS
CONTROLLED

GRASS WEEDS

Barnyard grass²
Fall panicum²
Green foxtail²
Large crabgrass
Proso millet²
Smooth crabgrass
Witchgrass
Yellow foxtail

BROADLEAF WEEDS

Annual sow thistle
Canada fleabane^{2,4}
Common ragweed^{3,4}
Dandelion (seedling)
Eastern black nightshade
Giant ragweed^{2,4}

Lady's-thumb
Lamb's-quarters³
Plantain (seedling)
Redroot pigweed³
Spiny annual sow thistle
Tall waterhemp⁴
Velvetleaf
Wild buckwheat
Wild mustard
Wormseed mustard

² Control with 178 mL/ac. (440 mL/ha), high rate only.

³ Includes triazine and ALS-resistant biotypes.

⁴ Includes glyphosate-resistant biotypes.

For full details, please reference product label.

Features and Benefits

- // Long-lasting residual activity
- // Allows for aggressive weed control and a wide window of application while maintaining crop safety
- // Re-activated by rain to control those weeds waiting for moisture to germinate

Application Guidelines

Set-up rate (30 ac. per case)

- // 89 mL/ac. (220 mL/ha)
- // Apply pre-plant (up to 14 days prior to planting), pre-emerge or up to the 3 leaf stage, followed by an in-crop application of Roundup for the most consistent two-pass weed control system available

Standard rate (20 ac. per case)

- // 134 mL/ac. (330 mL/ha)
- // Apply pre-plant (up to 14 days prior to planting), pre-emerge or up to the 3 leaf stage for season-long weed control

High rate (15 ac. per case)

- // 178 mL/ac. (440 mL/ha)
- // Apply pre-plant (up to 14 days prior to planting), pre-emerge or up to the 3 leaf stage for season-long weed control. Also includes glyphosate-resistant Canada fleabane, proso millet control and glyphosate-resistant giant ragweed control.



Application Tips

- // Recommended nozzle type is flat fan nozzles or comparable nozzles that achieve a uniform spray pattern – hollow cone nozzles should not be used
- // Converge XT tank mixed with Roundup can be applied up to the 3 leaf stage of corn only at the low rate (30 ac./case). If tank mixing Converge XT with Roundup at the high or mid rate, it must be applied as a pre-emerge application.
- // Do not incorporate or work the ground after application
- // Should not be applied on soil with less than 2% organic matter
- // For pre-plant surfaces (up to 14 days prior to planting) and pre-emergence applications, a nitrogen solution (28-0-0) may replace all or part of the water as a carrier

Application Timing

- // Pre-plant, pre-emerge or early post. Do not incorporate or work the ground after application.

Water Volumes

- // 16 gal./ac. (150 L/ha)

Rainfastness

- // Rainfast 2 hours after application

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Re-Cropping Intervals

TIME AFTER APPLICATION	CROPS
4 months	Wheat (winter)
1 year	Alfalfa, barley, canola, corn (field), field peas, oats, potato, soybeans, timothy, tomato*, wheat (spring)
2 years	Dry common beans (all types)

*Caution should be used when planting tomato the year following an application of Converge XT if the conditions were exceptionally dry during the season of application.

Tank Mixes

- // Tank mix with Roundup products for better dandelion control than Roundup alone (refer to label for rates and timing)
- // For a list of permissible tank mixes supported by Bayer, visit cropscience.bayer.ca/TankMixList

Storage

- // Heated storage is required



WHAT TO EXPECT WHEN USED WITHOUT ATRAZINE

- // The weed control performance of Converge XT (including atrazine) and Converge Flexx (no atrazine) are different and because of this, Bayer recommends always using Converge XT as opposed to Converge Flexx
- // Converge Flexx can be used in pre-emerge and early post-emerge applications without atrazine; however, Bayer recommends that Converge XT be used for the best weed control performance
- // When Converge Flexx is used instead of Converge XT, weed control will not exist for Canada fleabane, fall panicum, giant ragweed, lady's-thumb, proso millet, wild buckwheat and yellow foxtail
- // In addition, overall weed control performance will weaken. This will be most apparent on *Panicum* spp. weeds (for example, barnyard grass, crabgrass, foxtails, millets and witchgrass) and *Polygonum* spp. weeds (for example, wild buckwheat).

HERBICIDE**CROPS FOR USE**

Corn

**ACTIVE
INGREDIENTS****Diflufenican**
- Group 12**Isoxaflutole**
- Group 27**S-metolachlor**
- Group 15**FORMULATION****Co-pack includes:****Convintro Corn:**
SC formulation**Convintro 915:**
EC formulation**PACKAGING****Standard rate**- 1 case = 20 acres
Apply a minimum of
438 mL/ha Convintro
Corn & 1.25 L/ha of
Convintro 915**High rate**- 1 case = 15 acres
Apply 585 mL/ha
Convintro Corn &
1.65 L/ha of
Convintro 915**WEEDS
CONTROLLED**

American nightshade
Annual sow thistle
Barnyard grass
Common ragweed
Dandelion (seedling)
Eastern black
nightshade
Fall panicum
Giant foxtail
Green foxtail¹
Green pigweed
Hairy crabgrass
Lamb's-quarters
Large crabgrass

Palmer amaranth
Plantain (seedling)
Redroot pigweed
Smooth crabgrass
Spiny annual
sow thistle
Tall waterhemp
Velvetleaf
Wild mustard
Witchgrass
Wormseed mustard
Yellow foxtail

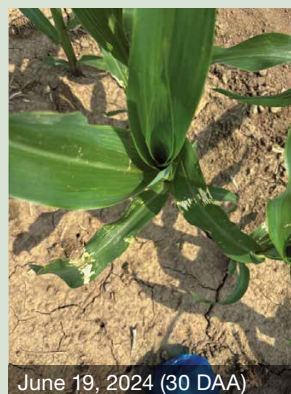
¹ Suppression**Features and Benefits**

- // Brand new MOA – the first Group 12 herbicide for corn in Canada
- // Convintro Corn 12 is a co-pack with 3 MOA (Group 12, 15 and 27)
- // Unique new tool for broad-spectrum weed control, including resistant weeds
- // Provides control of major, labeled broadleaf and grassy weeds

- // Effective herbicide option for managing multi-resistant waterhemp
- // Provides control of palmer amaranth – a new problem weed increasingly showing up in Eastern Canada
- // No atrazine needed
- // Pre-emergent application timing eliminates weeds before they can rob yield

THE CONVINTRO STAMP

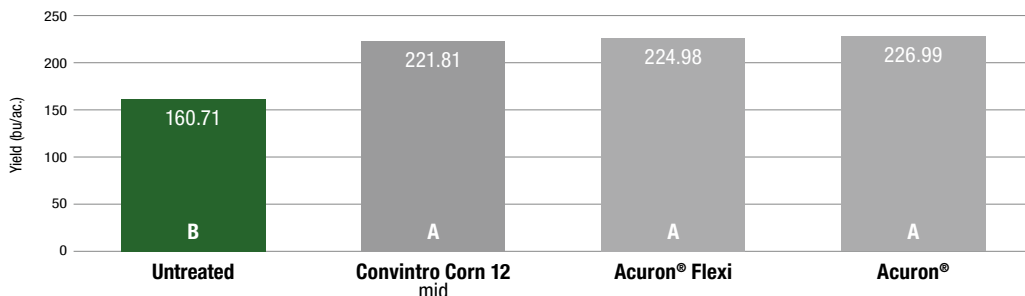
The Convintro stamp is a cosmetic mark to show you that the product has been activated. As the corn plant emerges through the soil and comes into contact with the herbicide, some bleaching may be seen on corn leaves. This can also occur after subsequent rain events that cause soil splash. No yield impact has been observed from this visual response.

Site 2 – Metcalfe, ON



Yield in Corn

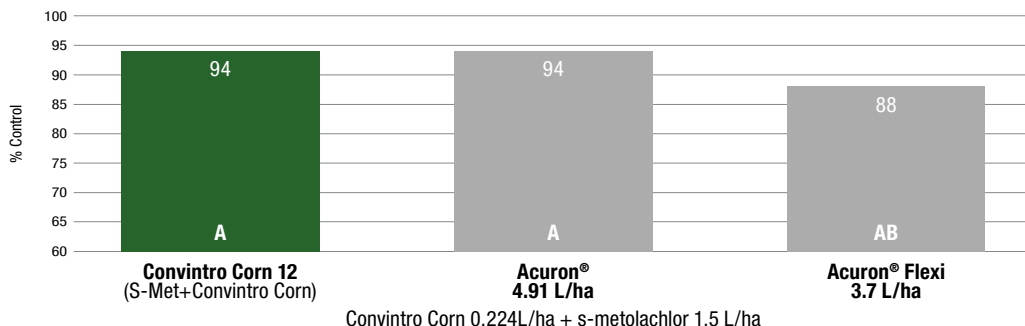
Injury Did Not Impact Yield



Source: 2024-2025 Eastern Canada Market Development (10 locations). Your results may vary according to agronomic, environmental and pest variables.

Performance

Waterhemp 2024-2025 56 Days After Application



Source: 2024-2025 Eastern Canada Market Development (8 locations). Your results may vary according to agronomic, environmental and pest variables.



*Source: 2025 Bayer Market Development Trials, Cobourg, ON – 28 DAA (Multi-resistant waterhemp to herbicide Groups 2, 9 and 14)

Application Timing

- // Pre-plant surface (up to 14 days before planting) or pre-emergence to corn
- // 1 case = 20 acres (Standard Rate) – Apply a minimum of 438 mL Convintro Corn/ha & 1.25L/ha of Convintro 915 for season-long control
- // 1 case = 15 acres (High Rate) – Apply 585 mL Convintro Corn/ha & Convintro 915 @ 1.65 L/ha
- // Use higher rates within the labelled rate range for more consistent control and longer residual control

Water Volumes

- // Convintro Corn 12 herbicide can be applied at a minimum of 150 L/ha (15 gal./ac.) of total spray volume. Sprayable fluid fertilizer (nitrogen solution) may replace all or part of the water as a carrier for pre-plant pre-emergence applications.

Rainfastness

- // Avoid applications of Convintro Corn 12 when heavy rain is forecast

Re-Cropping Intervals

TIME AFTER APPLICATION	CROPS
Immediate plant back	Corn (field)
4 months	Winter wheat
1 year	Soybean, spring cereals (wheat, barley, oat), timothy, field peas, processing peas, potato, and tomato transplants

*In the event that corn crop treated with Convintro Corn 12 is lost due to environmental conditions and reseeding is required, field corn may be reseeding immediately. Do not make a second application of Convintro Corn 12.

Tank Mixes

- // Follow WAMLEGS mixing guidelines
- // Co-pack mix order:
 1. Convintro Corn (SC formulation)
 2. Convintro 915 (EC formulation)
- // For a list of permissible tank-mix partners and mixing order, please refer to the product label

Storage

- // DO NOT store in direct sunlight. DO NOT store below freezing. DO NOT allow prolonged storage in temperatures that exceed 40°C. DO NOT use or store in or around the home.



HERBICIDE

CROPS FOR USE

Corn
(field, seed)

ACTIVE
INGREDIENTS

**Thiencarbazone-
methyl**

- Group 2
- Isoxaflutole
- Group 27

FORMULATION

**Suspension
concentrate**

PACKAGING

4 x 4.0 L jugs

**Low rate = 230 mL/ha
(93 mL/ac.)**

- 1 jug treats 43 ac.

**Mid rate = 330 mL/ha
(133 mL/ac.)**

- 1 jug treats 30 ac.

**High rate = 410 mL/ha
(166 mL/ac.)**

- 1 jug treats 24 ac.

WEEDS
CONTROLLED^{1,2}

GRASS WEEDS

Annual bluegrass

Barley grass³

Crabgrass

(smooth and hairy)

Green foxtail³

Giant foxtail³

Kentucky bluegrass

Yellow foxtail³

Witchgrass

BROADLEAF WEEDS

Common ragweed

Dandelion (seedling)

**Eastern black
nightshade**

Hairy galinsoga

Lamb's-quarters

Mustard

(wild and wormseed)

Plantain (seedling)

Redroot pigweed

**Sow thistle (annual
and spiny annual)**

Velvetleaf

Waterhemp

(common, tall)

¹Including emerged weeds up to 5 cm in height.

²Includes ALS/SU (Group 2), auxin (Group 4), triazine (Group 5), glyphosate (Group 9) and PPO (Group 14)-resistant biotypes.

³Non- ALS/SU (Group 2)-resistant biotypes only.

For full details, please reference product label.

Features and Benefits

- // Delivers three levels of control to fight weeds – rapid burndown for early weeds, residual control to prevent newly emerging weeds and reactivation with rain for prolonged weed control
- // Combines two trusted modes of action – Group 2 and Group 27 – to provide outstanding control of a broad spectrum of broadleaf and grass weeds
- // Contains a safener to help control weeds without compromising crop safety
- // Flexibility in application timing and permissible tank mixing options to tailor your weed control to your needs
- // Can be applied pre-emerge, pre-plant incorporated or early post-emerge (up to 2 leaf)
- // Excellent resistance management tool and tank-mix partner with Roundup brands including Roundup Xtend 2 and XtendiMax 2 herbicides with VaporGrip Technology, or, where permitted, atrazine for multiple modes of effective action against glyphosate-resistant weeds
- // An excellent choice for non-atrazine acres offering a non-prescription, atrazine-free solution to control a broad spectrum of weeds including herbicide-resistant weeds

Application Guidelines

Pre-plant/pre-emergence burndown-spray additives:

- // For control of emerged, labelled weeds prior to corn emergence, Corvus herbicide may be used in conjunction with an adjuvant: COC or MSO applied at 1% vol/vol or a Non-Ionic Surfactant (NIS), such as Agral® 90 or Agsurf®, applied at 0.25% vol/vol

Early post-emergence to corn:

- // Do not use any adjuvants or fertilizer with Corvus when applied to emerged field corn

Low rate (43 ac. per jug)

- // 230 mL/ha (93 mL/ac.)
- // Early-season control
- // Use in situations of low weed pressure and in a planned two-pass system
- // Apply a minimum of 230 mL/ha for early-season control of labelled weeds. The lower rates are only recommended for low weed pressure and when there is a two-pass weed control system planned with a registered in-crop herbicide treatment.

Mid rate (30 ac. per jug)

- // 330 mL/ha (133 mL/ac.)
- // Recommended rate for PPI, PRE and POST programs
- // Season-long control
- // Apply a minimum of 330 mL/ha for season-long control of labelled weeds

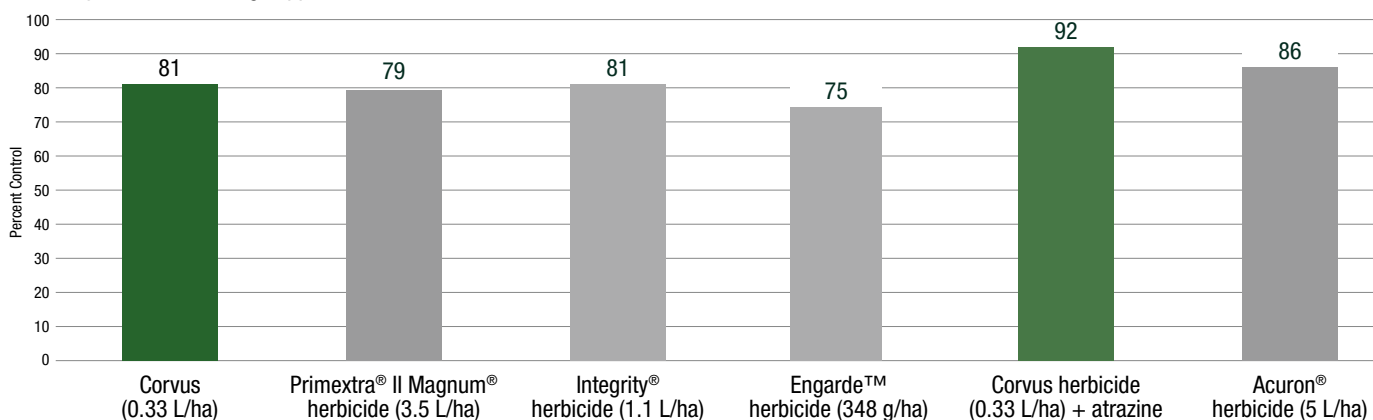
High rate (24 ac. per jug)

- // 410 mL/ha (166 mL/ac.)
- // Use higher rates within the labelled rate range for heavy weed pressure
- // 410 mL/ha will provide improved (over lower rates) control of tall waterhemp, large crabgrass and green foxtail



Weed Control – Corvus Performance

28 Days After PRE-emerge Application



Source: 2021-2023 Eastern Canada Market Development trials (27 locations). A total of 101 weed hits, 68 broadleaves and 22 grasses. Predominate species being lamb's-quarters (23), redroot pigweed (13) and yellow foxtail (6). Treatment means are significantly different at $P \leq 0.05$. Your results may vary according to agronomic, environmental and pest variables.

Application Tips

- // Plant corn at least 4 cm deep. Failure to close the seed furrow may allow herbicide spray to directly contact the seed, which can cause injury.
- // Corvus treatments are most effective in controlling weeds when adequate rainfall is received within 14 days after application
- // May be used for all tillage systems (no-tillage, reduced tillage and conventional)
- // Do not use any adjuvants or fertilizer with Corvus when applied to emerged field corn
- // Do not apply Corvus to field corn grown on loamy sands or sands and/or soils with less than 2% organic matter
- // Do not make more than one application in corn per season

Application Timing

- // May be applied pre-plant (surface or incorporated), pre-emergence, or early post-emergence
- // Pre-plant incorporated (PPI) – up to 7 days before planting
- // Pre-emerge – up to 14 days before planting
- // Early post-emerge – up to 2 leaf growth stage of corn

Water Volumes

Ground application only

- // Can be applied broadcast in a minimum of 150 L/ha of total spray volume
- // For surface pre-plant (up to 14 days prior to planting), pre-plant incorporated and pre-emergence applications, sprayable grade fluid fertilizer (nitrogen solution) may replace all or part of the water as a carrier

Rainfastness

- // Rainfast 2 hours after application
- // Avoid application of Corvus when heavy rain is forecast

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Residue and Grazing

- // Do not apply within 45 days of harvesting corn forage
- // Do not graze livestock within 45 days of application
- // Always respect the maximum pre-harvest/grazing interval on the labels of all the permissible tank-mix products

Re-Cropping Intervals

TIME AFTER APPLICATION	CROPS
Immediate plant back*	Corn (field, seed)
4 months	Wheat (winter)
10 months	Barley (spring), corn (field, seed), soybeans, wheat (spring)

*In the event that corn crop treated with Corvus is lost due to environmental conditions and reseeding is required, field corn may be reseeding immediately. Do not make a second application of Corvus.

Tank Mixes

- // For a list of permissible tank mixes supported by Bayer, visit cropscience.bayer.ca/TankMixList

Storage

- // Store in cool, dry, well-ventilated place and in such a manner as to prevent cross contamination with other pesticides, seed, fertilizers, food and feed. Store in original container and out of reach of children, preferably in a locked storage area. Do not use or store in or around the home.



HERBICIDE

CROPS FOR USE

Corn
(field, sweet)

ACTIVE
INGREDIENTS

Tembotrione
- Group 27

FORMULATION
Suspension
concentrate

PACKAGING

Each 3.6 L jug treats

**Low rate = 145 mL/ha
(59 mL/ac.)**

- Each jug treats 60 ac.

**High rate = 220 mL/ha
(89 mL/ac.)**

- Each jug treats 40 ac.

WEEDS
CONTROLLED

BROADLEAF WEEDS¹

Canada fleabane⁴

Common

lamb's-quarters

Common ragweed²

Giant ragweed

Hairy galinsoga

Redroot pigweed

Velvetleaf

Waterhemp
(common and tall)

WEEDS
SUPPRESSED

GRASS WEEDS

Giant foxtail³

Green foxtail³

BROADLEAF WEEDS

Wild buckwheat^{3,5}

¹ Includes ALS Inhibitors (Group 2),
Synthetic Auxin (Group 4);
Photosystem II inhibitors
(Group 5); EPSP synthase
inhibitors (Group 9);
PPO Inhibitors (Group 14)
resistant biotypes.

² For glyphosate-resistant
biotypes use 220 mL/ha.

³ Suppression only.

⁴ For improved control of Canada
Fleabane – field corn only:
apply Laudis Herbicide in tank
mix with one of the dicamba-
containing tank-mix partners
recommended on the
product label.

⁵ For improved control of
volunteer canola and control
of wild buckwheat: Laudis
Herbicide may be tank mixed
with 1.2 L/ha of AAtrex® Liquid
480 Herbicide. Maximum of
one (1) application per season.
Apply at the 2-5 leaf stage of
field and sweet corn.

For full details, please
reference product label.

Features and Benefits

- // Fast-acting post-emergence broadleaf weed control under a variety of conditions
- // Exceptional control of tough glyphosate-resistant weeds, such as Canada fleabane, giant ragweed and waterhemp
- // Built-in safener for outstanding crop safety on field and sweet corn
- // Favourable rotation intervals for cereals, potatoes and soybeans
- // Excellent resistance management tool and tank-mix partner with Roundup brands

Application Guidelines

- // Laudis is a suspension concentrate that requires the use of an external adjuvant. Laudis is to be used in conjunction with a Methylated Seed Oil (MSO) or Crop Oil Concentrate (COC) applied at 1% volume/volume or a High Surfactant Oil Concentrate (HSOC) at 0.5-1% volume/volume or Hasten™ Spray Adjuvant applied at 1.75 L/ha
- // Laudis does not require an external adjuvant when tank mixed with Pardner herbicide

Low rate (60 ac. per jug)

- // 145 mL/ha (59 mL/ac.)
- // Control of common lamb's-quarters, common ragweed, redroot pigweed, velvetleaf
- // Suppression of giant foxtail

High rate (40 ac. per jug) – recommended

- // 220 mL/ha (89 mL/ac.)
- // Control of above listed weeds plus Canada fleabane, giant ragweed and waterhemp
- // Suppression of giant foxtail, green foxtail and wild buckwheat
- // For glyphosate-resistant biotypes, use 220 mL/ha (89 mL/ac.)

Sequential Applications of Laudis in field corn only

- // A repeat application of Laudis at 145 mL/ha will provide control or suppression of late emerging weeds listed above for the same rate
- // A repeat application of Laudis at 220 mL/ha will provide control or suppression of late emerging weeds listed above, control of green foxtail
- // The second application should be made at least 10 days after the first application

Application Tips

- // Use of a spray-grade liquid nitrogen fertilizer is recommended – UAN (28%) at 3.5 L/ha or AMS at 1 kg/ha (99%) or 2 L/ha (49% solution) or 2.5 L/ha (40% solution). If using an ammonium sulphate product with a different concentration, adjust the rate accordingly.
- // Use of a spray-grade liquid nitrogen fertilizer is recommended. Use UAN under conditions of low relative humidity for greater weed control.



- // For glyphosate-resistant weeds, such as common/giant ragweed and waterhemp, the addition of another effective mode of action (such as atrazine and/or Roundup Xtend 2 herbicide with VaporGrip Technology or XtendiMax 2 herbicide with VaporGrip Technology [dicamba]) will further improve control and should be used especially for waterhemp management
- // For control of Canada fleabane, add Roundup Xtend 2 with VaporGrip Technology or XtendiMax 2 with VaporGrip Technology as a tank-mix partner to provide the best control
- // Flat fan nozzles of 80° or 110° are recommended for optimum post-emergence coverage. Select nozzles and pressures that deliver medium spray droplets.
- // When tank mixing Laudis with Roundup Xtend 2 with VaporGrip Technology or XtendiMax 2 with VaporGrip Technology, do not use UAN or an additional adjuvant

Application Timing

- // The application window for Laudis is from the 2 to 8 leaf stage
- // If using Roundup Xtend 2 or XtendiMax 2 as a tank-mix partner, the application window is from the 2 to 5 leaf stage

Crop Staging Sequential Application Option

CROP STAGE AT APPLICATION TIMING	FIELD CORN* AND SEED CORN**	SWEET CORN*
1	2-5 leaf stage	2 leaf stage up to and including the 8 leaf stage
2	Up to and including the 8 leaf stage	Do not apply

*Do not apply more than two applications of Laudis herbicide to field corn or more than one application to sweet corn, per growing season. For seed corn, use of this product must be approved by the contracting Seed Corn Company and comply with the directions given by the contractor.

**Use of seed corn as an immediate plant back crop and a rotational crop must be approved by the contracting seed corn companies and comply with the directions given by the contractor.

Water Volumes

Ground application only

- // Apply in a minimum of 100 L/ha (10 gal./ac.) of water
- // For weed control in dense seed populations or under adverse growing conditions, 150 to 200 L/ha (15 to 20 gal./ac.) of water is recommended

Rainfastness

- // Rainfast 2 hours after application to most weed species labelled

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Residue and Grazing

- // Do not apply within 45 days of harvesting corn forage
- // Do not graze livestock within 45 days of application

Re-Cropping Intervals

TIME AFTER APPLICATION	CROPS
Immediate plant back ¹	Corn (field, seed**, sweet)
3 to 4 months	Wheat (winter), barley (winter)
10 months	Alfalfa, canola ² , corn (field, seed** and sweet), dry beans (except kidney and cranberry), oats, potatoes, soybeans, tomatoes, wheat (spring)
22 months	Dry beans (kidney and cranberry)

¹ In the event that corn crop treated with Laudis is lost due to environmental conditions and reseeding is required, field corn and sweet corn may be reseeded immediately.

² Can be planted after a single application of Laudis up to 220 mL/ha per season.

**Use of seed corn as an immediate plant back crop and a rotational crop must be approved by the contracting seed corn companies and comply with the directions given by the contractor.

Tank Mixes

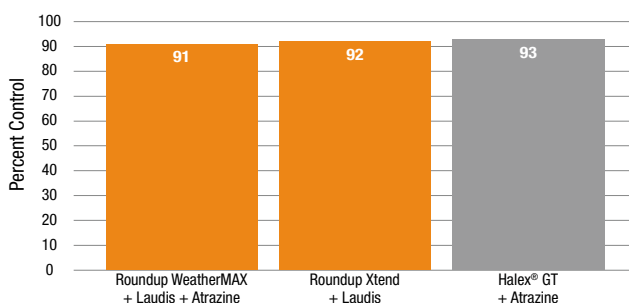
- // For a list of permissible tank mixes supported by Bayer, visit cropscience.bayer.ca/TankMixList

Storage

- // Do not contaminate water, food or feed by storage or disposal
- // Keep in original container during storage
- // Store the tightly closed container away from feeds, fertilizers, foodstuffs, plants and seeds
- // Do not use or store in or around the home

Laudis Tank Mix: All Weeds Present

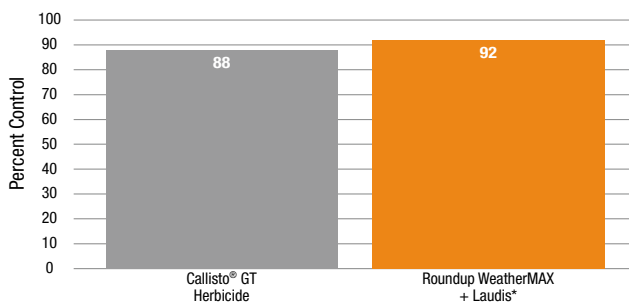
Three Year Summary: 28-35 Days after Application



Source: 2020-2022 Eastern Canada Market Development (24 locations). A total of 97 weed hits. Predominate species being lamb's-quarters (22), redroot pigweed (14) and yellow foxtail (9). Treatment means are significantly different at P≤0.05. Your results may vary according to agronomic, environmental and pest variables.

Laudis Tank Mix: All Weeds Present

Two Year Summary: 28-35 Days after Application



Source: 2021-2022 Eastern Canada Market Development (17 locations). A total of 66 weed hits. Predominate species being lamb's-quarters (162), redroot pigweed (10) and yellow foxtail (7). Treatment means are significantly different at P≤0.05. Your results may vary according to agronomic, environmental and pest variables.

*Recommended adjuvants also included.

LAUDIS® + PARDNER®

CORN MANAGEMENT TANK MIX

GROUP
27GROUP
6

HERBICIDE

CROPS FOR USE

Corn
(field, sweet)ACTIVE
INGREDIENTS**Bromoxynil**

- Group 6

Tembotrione

- Group 27

FORMULATION

LAUDIS

Suspension concentrate

PARDNERLiquid-emulsifiable
concentrate

PACKAGING

**Laudis tank mixed
with Pardner
(½ Rate)**Laudis = 40 ac./jug
(89 mL/ac.)Pardner = 40 ac./jug
(200 mL/ac.)WEEDS
CONTROLLED**Canada fleabane****Common****lamb's-quarters**(seedlings up to
8 leaf stage)**Common ragweed****Giant ragweed****Hairy galinsoga****Redroot pigweed****Velvetleaf****Volunteer canola****Waterhemp** (common
and tall)**Wild buckwheat**(seedlings up to 8 leaf
stage)For full details, please
reference product label.

Features and Benefits

- // Excellent non-atrazine options for QC
- // Combines two trusted modes of action, Group 27 and Group 6, for enhanced weed control
- // Excellent weed resistance management tool
- // Flexible re-cropping window advantage over atrazine tank mix
- // Controls a wide range of the toughest weeds including Canada fleabane, waterhemp and wild buckwheat
- // Rapid activity of emerged weeds powered by tembotrione
- // Eliminates the need for additional surfactant
- // Tank-mix partner – Roundup WeatherMAX®

Application Guidelines

Crop safety

- // Improved crop safety over solo bromoxynil

Rate

- // Registered application rate:
- // Laudis: 40 ac./jug (220 mL/ha (89 mL/ac.))
- // Pardner: 40 ac./jug (200 mL/ac.)

Application Timing

- // The application window is from the 2 to 8 leaf stage

Water Volumes

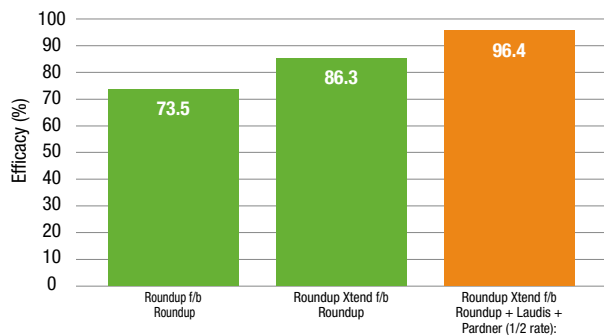
Ground

- // Minimum of 15 gal./ac (140 L/ha)

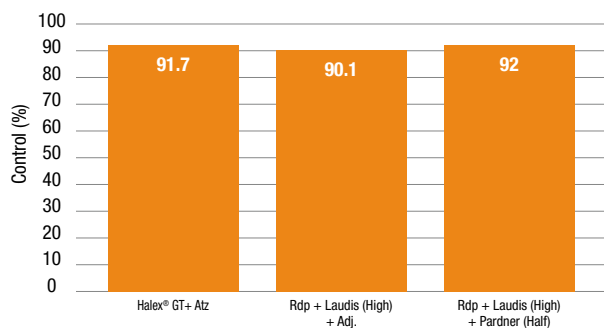
Rainfastness

- // Rainfast 2 hours after application

Laudis + Pardner in a 2-Pass Program



Laudis + Pardner in a Post Program



Source: 2021 - 2023 Eastern Canada Market Development (35 locations). A total of 123 weed hits, 84 broadleaves and 39 grasses. Treatment means are not significantly different at P<0.1. Your results may vary according to agronomic, environmental and pest variables.

Storage

- // Heated storage not required

GROUP
4GROUP
9

HERBICIDE

CROPS FOR USE

Corn

(field only, do not apply to sweet corn grown for seed production, or corn hybrids without Roundup Ready 2 Technology)

Soybeans

(RR2X trait only, do not apply to RR2Y or conventional soybeans)

ACTIVE
INGREDIENTS

Dicamba

- Group 4

Present as diglycolamine salt

Glyphosate

- Group 9

monoethanolamine salt

FORMULATION

Liquid concentrate

Water soluble

PACKAGING

10 L jug = 7 ac.

450 L tote = 300 ac.

WEEDS
CONTROLLEDANNUAL BROADLEAF
WEEDS

Annual sow thistle

Biennial wormwood

Buckwheat

(tartary, wild)

Bur cucumber

Canada fleabane

Chickweed

Cleavers

Cocklebur

Common

lamb's-quarters

Corn spurry

Cow cockle

Eastern black

nightshade

Flixweed

Green smartweed

Hemp-nettle

Lady's-thumb

Mustard (hare's ear, Indian, tumble, wild, wormseed)

Narrow-leaved vetch

Night-flowering catchfly

Pennsylvania smartweed

Pigweed (redroot, Russian, smooth)

Prickly lettuce, ragweed (common, false, giant)

Round-leaved mallow

Russian thistle

Shepherd's-purse

Stinkweed

Velvetleaf

Volunteer adzuki beans

Volunteer canola (non-glyphosate-tolerant)

Wild tomato

ANNUAL GRASS
WEEDS

Annual bluegrass

Barnyard grass

Crabgrass (large, smooth)

Downy brome

Fall panicum

Foxtail (green, yellow)

Persian darnel

Proso millet

Volunteer barley

Volunteer wheat

Wild oats

PERENNIAL WEEDS

Canada thistle

Common milkweed

Dandelion

Field bindweed

Foxtail barley

Perennial sow thistle

Quackgrass

Wire-stemmed muhly

Yellow nutsedge

For full details, please reference product label.

Features and Benefits

- // Higher concentrated formulation for greater ease of use
- // Same trusted control as the original Roundup Xtend herbicide with VaporGrip Technology
- // Reduces early weed competition through short-term residual control of labelled, small-seeded broadleaf weeds
- // Helps manage weed resistance by adding another effective mode of action to Roundup
- // Reduced volatility through VaporGrip Technology

Application Requirements

- // Use nozzles and operating pressures that produce extremely coarse to ultra-coarse droplets to minimize drift
- // Target weeds less than 10 cm tall
- // Maintain boom height 50 cm above crop canopy or target weeds to reduce the risk of drift
- // Optimal wind speeds for application typically occur between 5 and 15 km/h
- // Maintain the required label buffer to protect sensitive areas
- // Ensure ground speed is less than 25 km/h
- // Use a triple rinse sprayer clean-out procedure
- // Do not use ammonium sulfate and ammonium-based additives in application
- // Use a minimum carrier water volume of 10 gal./ac. (100 L/ha) or 15 gal./ac. (140 L/ha) if including a drift reduction additive



Application Guidelines and Timing

Equivalent dose of Roundup WeatherMAX and XtendiMax 2 when using Roundup Xtend 2 with VaporGrip Technology

- // At 1.5 L/ac. = 0.9 L/ac. Roundup WeatherMAX herbicide + 0.5 L/ac. XtendiMax 2 Herbicide
- // At 1.14 L/ac. = 0.67 L/ac. Roundup WeatherMAX herbicide + 0.36 L/ac. XtendiMax 2 Herbicide
- // At 0.8 L/ac. = 0.45 L/ac. Roundup WeatherMAX herbicide + 0.25 L/ac. XtendiMax 2 Herbicide

Pre-emergence

- // 0.8, 1.14 or 1.5 L/ac. (1.9, 2.82 or 3.77 L/ha)

Note: 1.5 L/ac. is preferred for maximum residual opportunity and the most consistent weed control. Up to two post applications per season. Second post application should only be used to control glyphosate-resistant weeds.

Ensure corn seeds are placed at least 4 cm below the soil surface. If seeded less than 4 cm below the surface, delay application until the spike stage.

Do not incorporate.

Post-emergence (up to 5 leaf corn)

- // 0.8, 1.14 or 1.5 L/ac. (1.9, 2.82 or 3.77 L/ha)

Do not apply to corn over 50 cm in height.

Refer to herbicide sensitivity ratings in seed guides to ensure crop safety with dicamba.

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Application Window

Grazing Restrictions

- // Do not permit lactating dairy animals to graze fields within 7 days after application
- // Do not harvest forage or cut for hay within 30 days after application
- // Withdraw meat animals from treated fields at least 3 days before slaughter

Tank Mixes

- // For a list of permissible tank mixes supported by Bayer, visit crops.bayer.ca/TankMixList

Storage

- // Heated storage not required

Pre-emergence Application Timing	Field Corn with Roundup Ready 2 Technology
Rate	0.8, 1.14 or 1.5 L/ac. (1.9, 2.82 or 3.77 L/ha)*
Notes	// Ensure corn seeds are placed at least 4 cm below the soil surface. If seeded less than 4 cm below the soil surface, delay application until the spike stage. // Do not incorporate

Post-emergence Application Timing	Field Corn with Roundup Ready 2 Technology
Crop Staging	Up to 5 leaf corn
Rate	0.8, 1.14 or 1.5 L/ac. (1.9, 2.82 or 3.77 L/ha)*
Notes	// Do not apply to corn over 50 cm in height // Refer to herbicide sensitivity ratings in seed guides to ensure crop safety with dicamba

Up to two post applications per season. Second post application should only be used for control of glyphosate-resistant weeds.**

The 1.5 L/ac. rate can be used only once in a season and should be applied pre-plant, pre-emergence or in-crop early post-emergence (up to the V2 growth stage in soybeans and up to the 5 leaf growth stage in corn).

*1.5 L/ac. is preferred for maximum residual opportunity and the most consistent weed control.

**3 L/ac. is the maximum total to be applied in a single season.

For other crops, see product label for rate



HERBICIDE

CROPS FOR USE

Corn
(field only,
do not apply to sweet corn)
Soybeans

ACTIVE
INGREDIENT

Dicamba
- Group 4
Present as diglycolamine salt

FORMULATION

**Liquid concentrate
herbicide**
Water soluble

PACKAGING

10 L jug = 20 ac.
122 L drum = 245 ac.
450 L tote = 900 ac.

WEEDS
CONTROLLED

ANNUAL BROADLEAF
WEEDS

Buckwheat
(tartary, wild)
Canada fleabane
Cleavers
**Common
lamb's-quarters**
Corn spurry
Cow cockle

Green smartweed

Lady's-thumb

Mustard (hare's ear,
Indian, tumble, wild,
wormseed)

Pigweed (redroot,
Russian, smooth)

Ragweed
(common, false, giant)

Velvetleaf

PERENNIAL WEEDS

Canada thistle

Field bindweed

Perennial sow thistle

For full details, please
reference product label.

Features and Benefits

- // Convenient higher concentrated formulation
- // Same trusted control as the original XtendiMax herbicide with VaporGrip Technology
- // Reduces early weed competition through short-term residual control of small-seeded broadleaf weeds
- // Helps manage weed resistance by adding another effective mode of action to Roundup
- // Reduced volatility through VaporGrip Technology

Application Requirements

- // Use nozzles and operating pressures that produce extremely coarse to ultra coarse droplets to minimize drift
- // Target weeds less than 10 cm tall
- // Maintain boom height 50 cm above crop canopy or target weeds to reduce the risk of drift
- // Optimal wind speeds for application typically occur between 5 and 15 km/h
- // Maintain the required label buffer to protect sensitive areas; do not spray if sensitive crops are downwind
- // Ensure the ground speed is less than 25 km/h
- // Use a triple rinse sprayer clean-out procedure
- // Do not use ammonium sulfate or ammonium-based additives in application
- // Use a minimum carrier water volume of 10 gal./ac. (100 L/ha) or 15 gal./ac. (150 L/ha) if including a drift reduction additive

Application Guidelines and Timing

Pre-emergence

- // Up to 0.5 L/ac.

Note: 0.5 L/ac. is preferred for maximum residual opportunity and the most consistent weed control.

Ensure corn seeds are placed at least 4 cm below the soil surface. If seeded less than 4 cm below the soil surface, delay application until the spike stage.

Do not incorporate.

Post-emergence (spike up to 5 leaf)

- // 0.25 or 0.5 L/ac.

Note: Up to two post applications per season. Second post application should only be used to control glyphosate-resistant weeds.

Do not apply to corn over 50 cm in height.

The 0.5 L/ac. rate can be used only once in a season and should be applied pre-emergence or in-crop (up to the 5 leaf growth stage). 1 L/ac. is the maximum total to be applied in a single season.

Refer to herbicide sensitivity ratings in seed guides to ensure crop safety to dicamba.

Application Window

Grazing Restrictions

- // Do not permit lactating dairy animals to graze fields within 7 days after application
- // Do not harvest forage or cut for hay within 30 days after application
- // Withdraw meat animals from treated fields at least 3 days before slaughter

Rainfastness

- // Avoid applying this product when heavy rain is forecast. Rainfall occurring within 4 hours after application, particularly on weeds growing under stress conditions, may reduce the effectiveness of the application. Heavy rainfall within 2 hours after application may wash the chemical off the foliage and a repeat treatment may be required.

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Tank Mixes

- // For a list of permissible tank mixes supported by Bayer, visit cropscience.bayer.ca/TankMixList

Storage

- // Heated storage not required



FUNGICIDE

CROPS FOR USE

Barley
Corn
(field, pop, seed, sweet)
Dry beans
Oats
Soybeans
Wheat
(durum, spring, winter)

ACTIVE
INGREDIENTS

Fluopyram
- Group 7
Prothioconazole
- Group 3
Trifloxystrobin
- Group 11

FORMULATION

**Suspension
concentrate**

PACKAGING

Standard rate
7.1 L = 30 ac.
113.8 L = 480 ac.
426.6 L = 1,800 ac.
High rate
7.1 L = 20 ac.
113.8 L = 320 ac.
426.6 L = 1,200 ac.

DISEASES
CONTROLLED

FIELD CORN
Common rust
Eye spot
Grey leaf spot
**Northern corn
leaf blight**
Southern corn rust
Tar spot

For full details, please
reference product label.

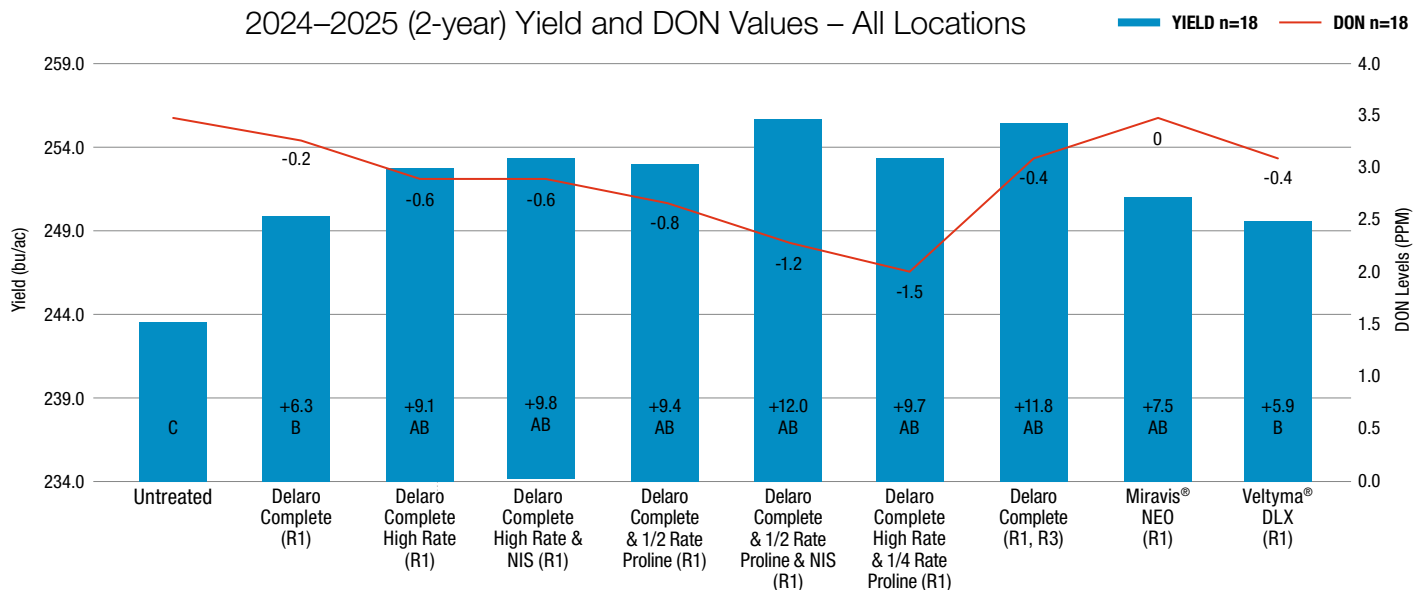
Features and Benefits

- // Includes Group 7 active, fluopyram, which offers excellent protection in high disease situations
- // Delaro Complete has three modes of action (Groups 3, 11, 7) that work in tandem for added protection
- // Effective control of tar spot and gibberella ear rot with high rate

Directions for Use

- // Apply when disease first appears, and apply a second application 7 to 14 days later if favourable conditions for disease development persist
- // May be applied by ground or aerial spray equipment

2024–2025 (2-year) Yield and DON Values – All Locations



Source: 2024–2025 Eastern Canada Market Development (18 locations), including third party locations (Tenuta, Hooker, Singh, BlackCreek). Treatment means are significantly different at $P < 0.05$. Column labels represent yield gain over untreated check. Your results may vary according to agronomic, environmental and pest variables.



Application Guidelines

- // Do not apply more than two applications of the low rate per season. If using the high rate, or also using Proline fungicide, only one application per season is allowed.
- // A non-ionic surfactant at 0.125% v/v may be used with Delaro Complete. Do not apply a non-ionic surfactant prior to tassel emergence in corn.

Rate

- // Low rate: 237 mL/ac. (586 mL/ha)
- // High rate: 356 mL/ac. (880 mL/ha)

Rainfastness

- // 1 hour

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application (including mechanical detasseling of corn)

Pre-Harvest Interval

- // CORN (field corn and popcorn, including corn grown for seed): Do not apply within 14 days of harvest for forage, grain and stover
- // SWEET CORN (including corn grown for seed): Do not apply within 14 days of harvest for ears, forage and fodder

Storage

- // Heated storage is required



DID YOU KNOW?

Delaro Complete controls tar spot. Apply when disease first appears to help combat this tough, new disease.

APPLICATION TIPS & TIMING:

For DON management (suppression of fusarium and gibberella ear rots), stalk rot pathogens and enhanced control of tar spot and other foliar diseases:

880 mL/ha (356 mL/ac.) Delaro Complete + 94 mL/ha (38 mL/ac.) Proline	High tar spot High gibberella ear rot risk	Do not apply more than 1 application of high rate Delaro Complete per crop year when tank mixed with Proline.
880 mL/ha (356 mL/ac.) Delaro Complete or 586 mL/ha (237 mL/ac.) Delaro Complete + 202 mL/ha (82 mL/ac.) Proline	Moderate – High tar spot Moderate gibberella ear rot risk	Do not apply more than one application of high rate Delaro Complete OR Delaro Complete when tank mixed with Proline per crop year.

For control of tar spot and other foliar diseases control:

586 mL/ha (237 mL/ac.) Delaro Complete	Low-moderate leaf disease Low gibberella ear rot risk	Apply Delaro Complete when disease first appears and re-apply after 7 to 14 days if favourable conditions for disease development persist. Do not apply more than 2 applications of Delaro Complete per crop year.
---	--	--

For enhanced leaf disease protection a non-ionic surfactant at 0.125% v/v may be used with DELARO COMPLETE. Do not apply a non-ionic surfactant prior to tassel emergence in corn.

DELARO
Complete

+

PROLINE

KNOW YOUR GROUPS

GROUP
3

GROUP
7

GROUP
11

FUNGICIDE

CROPS FOR USE

Corn
(field, pop, seed and sweet)

ACTIVE INGREDIENTS

Prothioconazole

- Group 3

Fluopyram

- Group 7

Trifloxystrobin

- Group 11

FORMULATION

Delaro Complete

Suspension

Proline

Suspension concentrate

PACKAGING

PROLINE

5.1 L jug = 60 ac.

DELARO COMPLETE

7.1 L jug = 30 ac.

113.8 L drum = 480 ac.

426.6 L tote = 1,800 ac.

DISEASES CONTROLLED

Common rust

Southern corn rust

Eye spot

Northern corn

leaf blight

Grey leaf spot

Tar spot

DISEASES SUPPRESSED

Fusarium

Gibberella ear rot

Stalk rot pathogens

Charcoal rot

For full details, please
reference product label.

Features and Benefits

- // Proline helps protect yield potential by providing leaf disease control, stalk rot protection and DON reduction
- // In trials where there was gibberella ear rot (GER) pressure, Proline provided a 55.6% DON reduction¹ and a 4.8 bu./ac. yield increase² over the untreated check
- // Includes Group 7 active, fluopyram, which offers excellent protection in high disease situations
- // Delaro Complete has three modes of action (Groups 3, 11, 7) that work in tandem for added protection

¹ Source: 6 Bayer Market Development Trials (2020).

² Source: 5 Bayer Market Development Trials (2020).

Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

Application Timing

- // Apply preventively at R1 – green silk timing

Water Volumes

Ground

- // Proline: Minimum of 19 gal/ac. (178 L/ha)
- // Delaro Complete: Minimum of 10 US gallons/ac. (94 L/ha)

Aerial

- // Proline: Minimum of 5 gal./ac. (50 L/ha)
- // Delaro Complete: Minimum of 5 US gallons/ac. (47 L/ha)

Rainfastness

- // Rainfast 1 hour after application

Pre-Harvest Interval

CROP	PRE-HARVEST INTERVAL (DAYS)
Corn (field, pop and sweet)	14

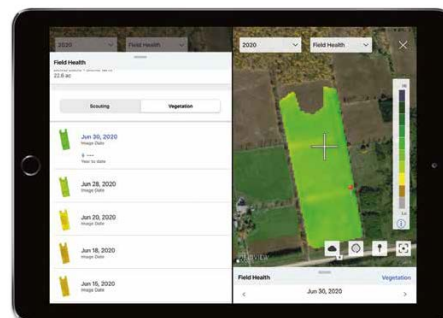
- // For all other crops that are registered but not listed in the table, consult the Proline label for complete details. Crops not listed include barley, buckwheat, oats, pearl millet, proso millet, rye, sugar beets, triticale, wheat (durum, spring and winter); as well as many types of berries, cucurbits, melons and squash.

Storage

- // Heated storage is required

FIELDVIEW

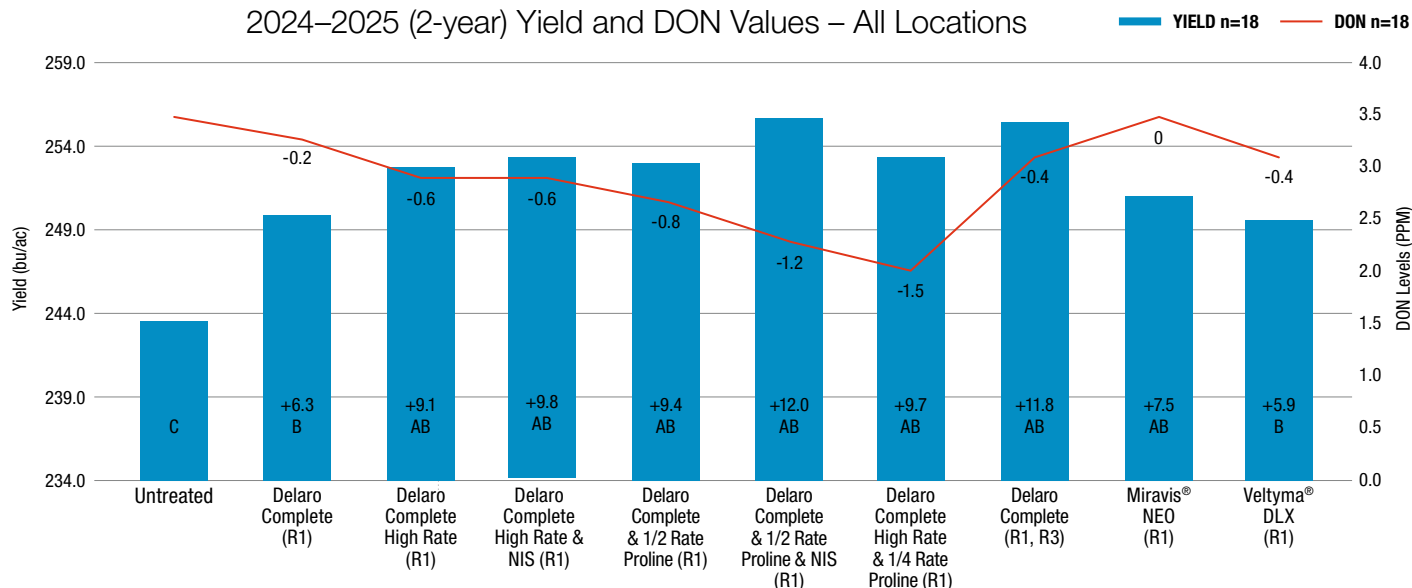
Scouting tools, including Field Health Imagery, can help monitor crop staging throughout the season. Keep notes on points of interest, which can easily be shared with your trusted advisors.



DELARO[®]
Complete

PROLINE[®]

2024–2025 (2-year) Yield and DON Values – All Locations

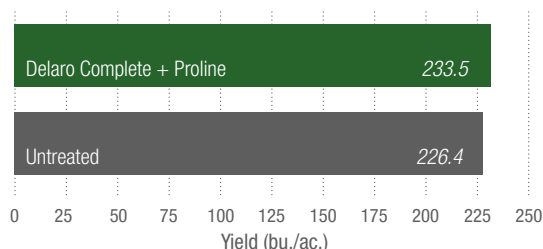


Source: 2024–2025 Eastern Canada Market Development (18 locations), including third party locations (Tenuta, Hooker, Singh, BlackCreek). Treatment means are significantly different at $P < 0.05$. Column labels represent yield gain over untreated check. Your results may vary according to agronomic, environmental and pest variables.

Proving Positive Yield Potential with Delaro Complete + Proline*

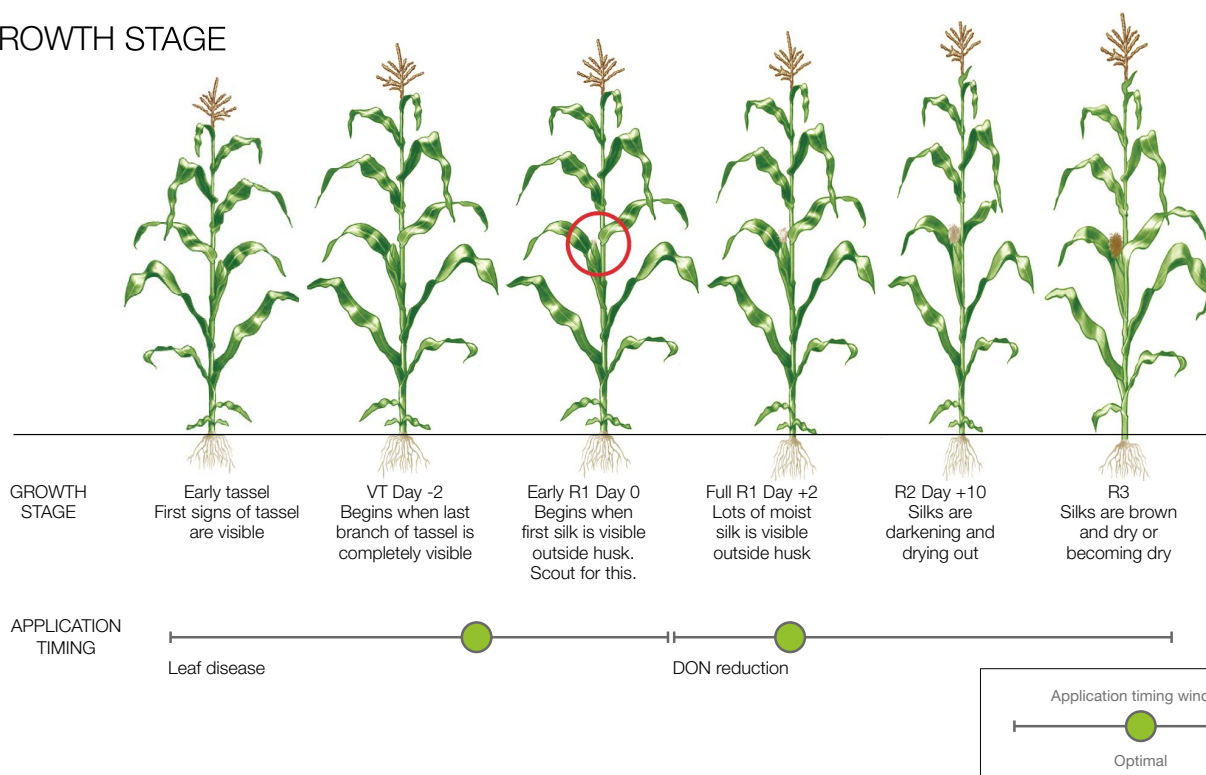
Have confidence that Delaro Complete + Proline can help deliver a positive yield potential and ROI. Trial data showed Delaro Complete + Proline yielded an average 7.1 bu./ac. over the untreated checks with a win rate of 77.5% in the trials.

*Proline applied at 60 ac./jug.



Source: Bayer Market Development Trials (2020–2021). 19 MDA Field Scale Plots and 21 MDR Small Plots trials. Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

GROWTH STAGE





FUNGICIDE

CROPS FOR USE	ACTIVE INGREDIENT	PACKAGING	DISEASES SUPPRESSED	For full details, please reference product label.
Canola Corn (field, pop, seed and sweet)	Prothioconazole - Group 3	5.1 L jug = 30 ac. Deoxynivalenol (DON) reduction in corn: 5.1 L jug = 30 ac.	DON REDUCTION RATE (30 ac.) Fusarium ear rot Gibberella ear rot Grey leaf spot Stalk rot pathogens (<i>Colletotrichum</i> spp., <i>Fusarium</i> spp., <i>Gibberella</i> spp.)	
	FORMULATION Suspension concentrate	DISEASES CONTROLLED LOW RATE (40 ac.) Eyespot Northern corn leaf blight Rusts		

Features and Benefits

- // Proline helps protect yield potential by providing leaf disease control, stalk rot protection and DON reduction
- // In trials where there was gibberella ear rot (GER) pressure, Proline provided a 55.6% DON reduction¹ and a 4.8 bu./ac. yield increase² over the untreated check

¹ Source: 6 Bayer Market Development Trials (2020).

² Source: 5 Bayer Market Development Trials (2020).

Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

Application Guidelines

- // Spray screens should be no finer than 50 micron mesh

Rate

- // Leaf disease control: 127 mL/ac. (315 mL/ha)
- // Ear protection (DON reduction), grey leaf spot and stalk rot pathogens: 170 mL/ac. (420 mL/ha)

Application Timing

- // For fusarium and Gibberella ear rot suppression (DON reduction), late season leaf disease control and stalk rot pathogen protection:
 - Apply from the development stage of corn between silking and silk browning
 - Scout at Day 0 (early R1) when the first silks are present outside the husk
- // Can be applied by ground or air

Water Volumes

Ground // Minimum of 19 gal./ac. (178 L/ha)

Aerial // Minimum of 5 gal./ac. (50 L/ha)

Rainfastness

- // Rainfast 1 hour after application

Restricted-Entry Interval

- // Do not enter treated fields for 24 hours after application

Pre-Harvest Interval

CROP	PRE-HARVEST INTERVAL (DAYS)
Corn (field, pop and sweet)	14

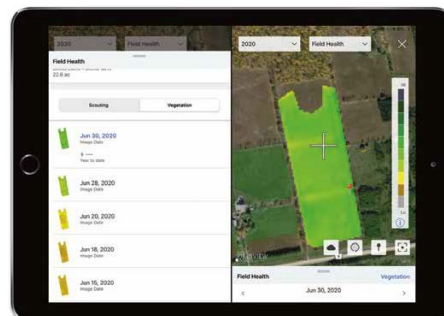
- // For all other crops that are registered but not listed in the table, consult the Proline label for complete details. Crops not listed include barley, buckwheat, oats, pearl millet, proso millet, rye, sugar beets, triticale, wheat (durum, spring and winter), as well as many types of berries, cucurbits, melons and squash.

Storage

- // Heated storage is required



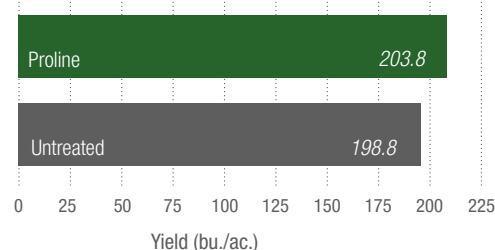
Scouting tools, including Field Health Imagery, can help monitor crop staging throughout the season. Keep notes on points of interest, which can easily be shared with your trusted advisors.





Grain Corn Yield Results

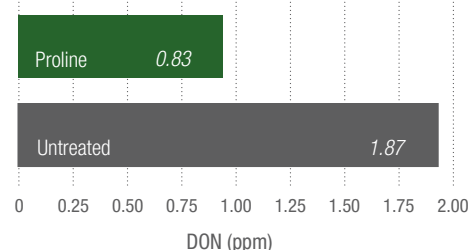
When there was gibberella ear rot (GER) pressure, Proline provided a +4.8 bu./ac. yield increase



Source: 5 Bayer Market Development Trials (2020).
Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

DON Reduction in Grain Corn

When there was gibberella ear rot (GER) pressure, Proline provided a 55.6% DON reduction over untreated

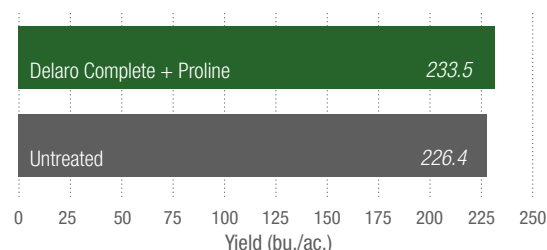


Source: 6 Bayer Market Development Trials (2020).
Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

Proving Positive Yield Potential with Delaro Complete + Proline*

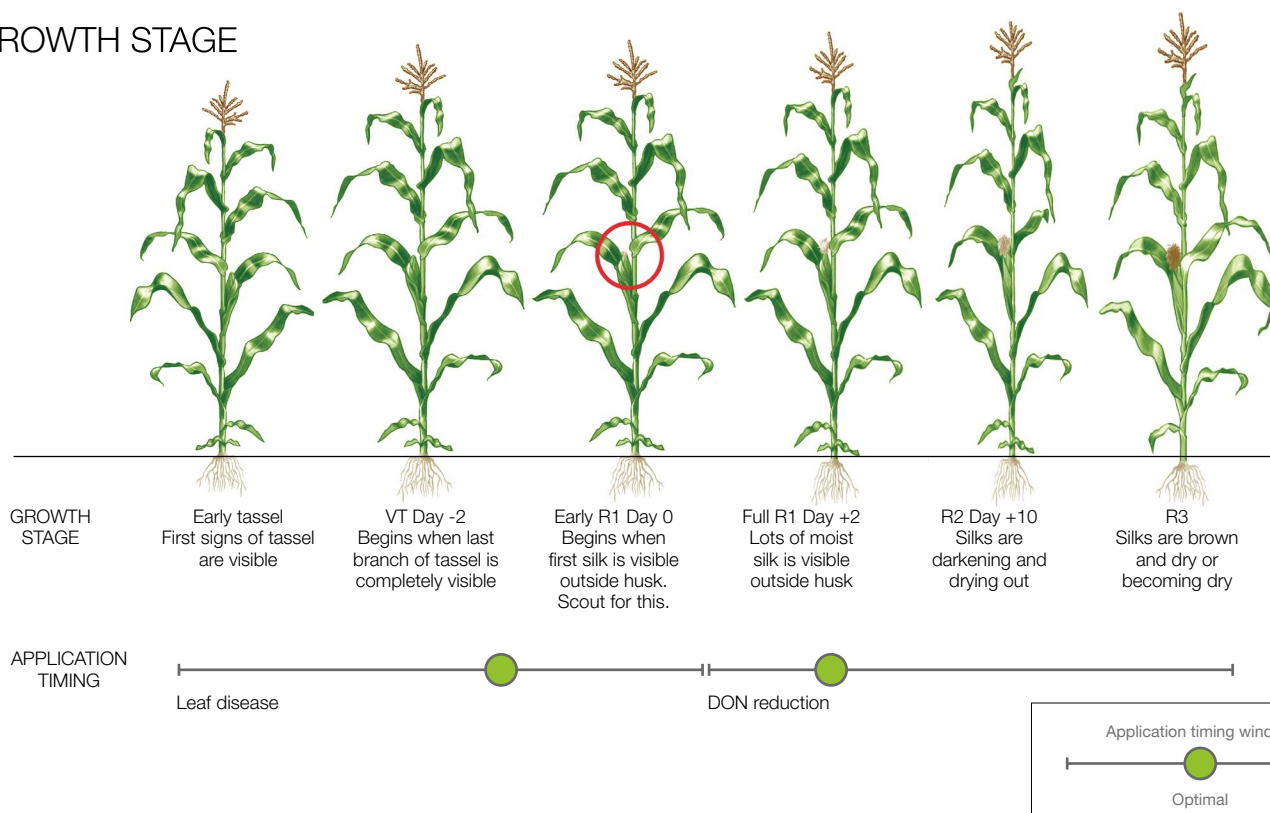
Have confidence that Delaro Complete + Proline can help deliver a positive yield potential and ROI. Trial data showed Delaro Complete + Proline yielded an average 7.1 bu./ac. over the untreated checks with a win rate of 77.5% in the trials.

*Proline applied at 60 ac./jug.



Source: Bayer Market Development Trials (2020-2021). 19 MDA Field Scale Plots and 21 MDR Small Plots trials. Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

GROWTH STAGE





INSECTICIDE

CROPS FOR USE	ACTIVE INGREDIENT	INSECTS CONTROLLED
Alfalfa (seed production only) Barley Canola Corn (field, seed, sweet) Dry beans Oats Oriental mustard Sugarbeets Wheat	DELTA METHRIN - Group 3 FORMULATION Emulsifiable concentrate PACKAGING DECIS 100 EC 1.2 L jug 4.8 L jug	CORN Corn earworm European corn borer Western bean cutworm For full details, please reference product label.

Features and Benefits

- // Decis is registered for application either by ground or air and is not prone to gassing off, washing off or leaching
- // Flexible application rates to address insect stages and temperature variations within insect populations
- // Readily tank mixable with many leading herbicides identified on the label
- // When spraying under high temperature (+25°C), it is recommended that the highest registered application rate be used

Application Tips

- // Scout your fields often to ensure proper application and timing
- // Scouting should occur in the early morning or in the evening when insects are actively feeding
- // Use sufficient water to ensure thorough coverage; more water may be required when dense foliage is present
- // Decis is a contact insecticide, so for best results spray when insects are feeding
- // Avoid application when bees are foraging
- // For best results, use the maximum recommended rate of application, as efficacy at lower rates may be affected by temperature

Application Guidelines

RECOMMENDED RATES

CROPS	INSECTS	100 EC RATE RECOMMENDED RATE	ACRES PER JUG 100 EC
Corn	European corn borer Western bean cutworm	50 mL/ac.	24 ac./1.2 L jug 96 ac./4.8 L jug
Corn (sweet)	Corn earworm	50 mL/ac.	24 ac./1.2 L jug 96 ac./4.8 L jug



Application Timing

Western bean cutworm

- // Ground application – apply close to full silking when fresh silks are present
- // Begin scouting once moths are active and corn reaches the pre-tassel stage
- // Scout for egg masses on the top surface of the upper leaves
- // Scout every 5 days during the pre-tassel and tasseling stage for approximately 2 weeks. As soon as a cumulative total of 5% of the plants contain egg masses, the threshold has been reached and an insecticide application is needed.
- // Maximum of 3 applications per year in field and seed corn and 2 applications per year in sweet corn
- // Can be applied by ground or aerial application in sweet corn
- // Rate – 100 mL/ac.
- // Pre-harvest interval – 1 day

Corn earworm

- // Apply when insects are present in the silks
- // Maximum of 2 applications per year
- // Can be applied by ground or aerial application

European corn borer

- // Apply when egg masses begin to hatch, but no later than when the first pinhole feeding is seen on the leaves
- // Spray directly into the whorl of the plant. Repeat at 5 to 8 day intervals.
- // For control of second generation insects, direct spray at ear zone
- // Maximum of 3 applications per year in field and seed corn, and 2 applications in sweet corn
- // Can be applied by ground or aerial application in sweet corn

Water Volumes

Ground

- // Minimum of 10 gal./ac. (94 L/ha)

Aerial

- // Minimum of 1 gal./ac. (9.4 L/ha)

Rainfastness

- // Rainfast 1 hour after application

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Re-Cropping Intervals

- // No re-cropping restrictions

Pre-Harvest Intervals

- // Decis may not be applied within the following timelines:

CROPS	PRE-HARVEST INTERVAL (DAYS)
Corn (field and seed)	1
Corn (sweet)	5

If 3 applications are used, only the first or second application can be at the high rate (80 mL/ac.).

Tank Mixes

- // For a list of permissible tank mixes supported by Bayer, visit cropscience.bayer.ca/TankMixList

Storage

- // Heated storage is required

NOTES

Lined area for notes, consisting of multiple horizontal lines.

SOYBEAN

Crop Staging Guide

Traits

Roundup Ready 2 Xtend® Soybeans

XtendFlex® Soybeans

Vyconic®

Seed Treatment

Acceleron® Solutions

Allegiance®

EverGol® Energy

Herbicides

Roundup Xtend® 2 with VaporGrip Technology

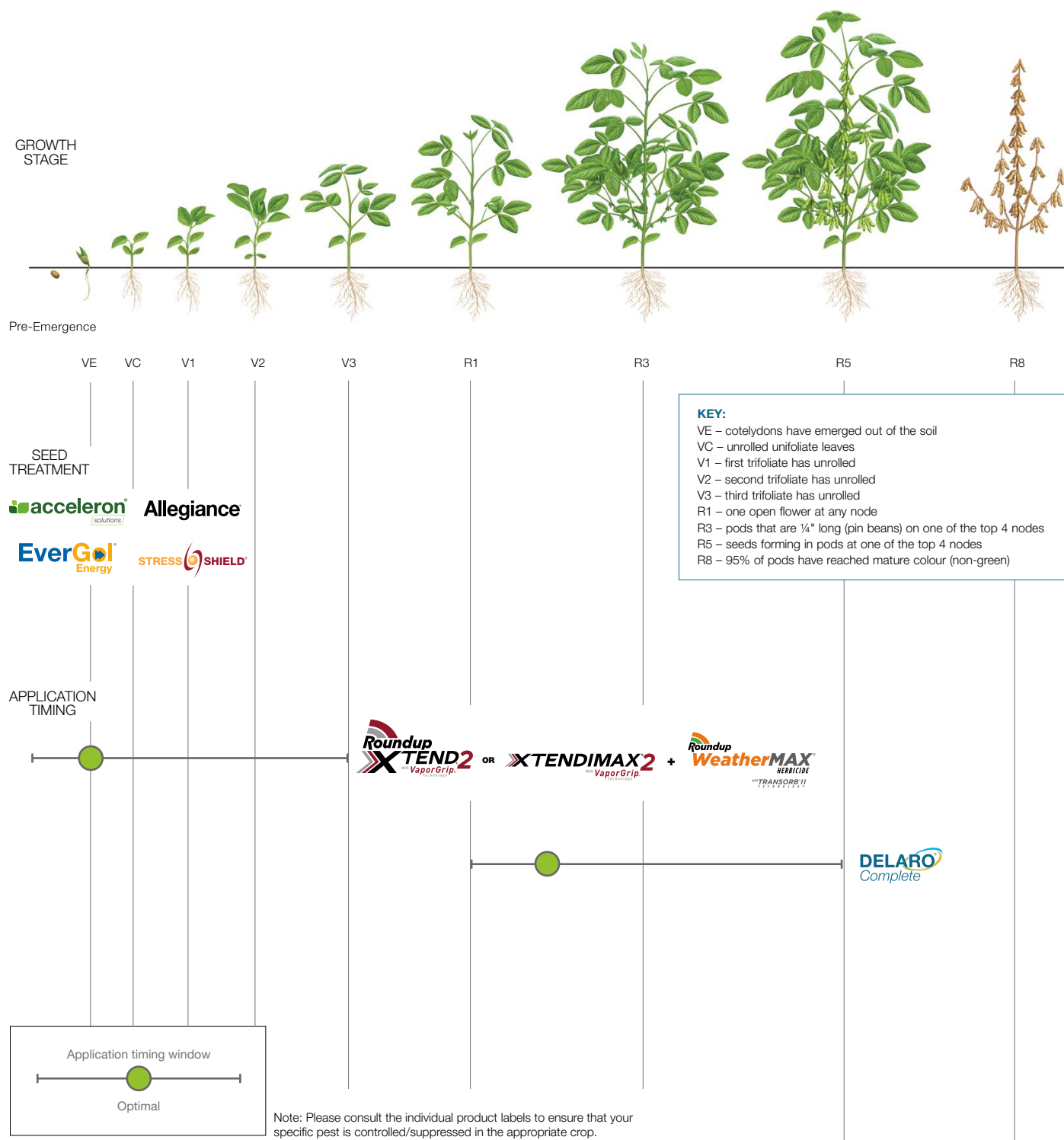
XtendiMax® 2 with VaporGrip Technology

Fungicides

Delaro® Complete



SOYBEAN CROP STAGING GUIDE





TRAITS

Get Ahead of Weeds and Stay There

Since their introduction, Roundup Ready 2 Xtend soybeans have been providing the option to use both dicamba and glyphosate herbicides in soybeans. They also continue to provide not only excellent, but proven, yield performance for Canadian farmers.

Features and Benefits

Improved weed control

- // Roundup Ready 2 Xtend soybeans have a built-in tolerance to both dicamba and glyphosate for control of tough grass and broadleaf weeds, including resistant broadleaf weeds such as Canada fleabane and waterhemp
- // XtendiMax 2 (dicamba) and Roundup Xtend 2 (glyphosate/dicamba premix), both with VaporGrip Technology, are two chemistry options to help growers enhance their yield potential
- // Employing multiple modes of action to control similar weed spectrums is part of a good weed resistance management strategy

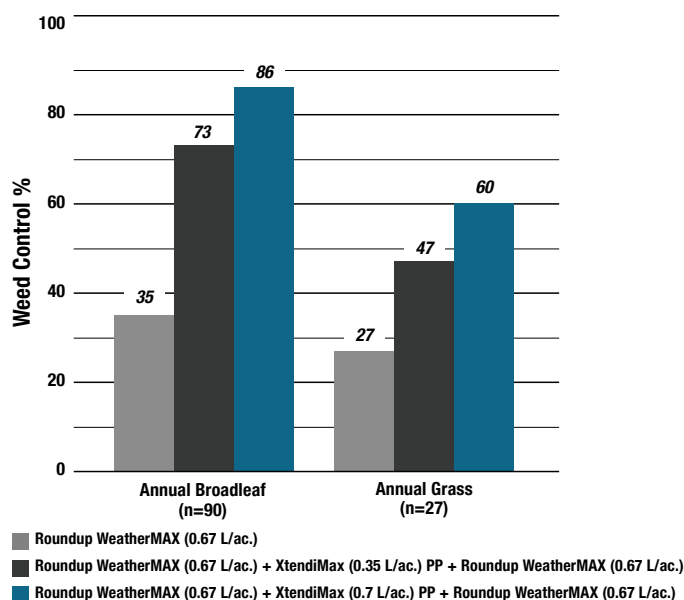
Residual activity for a wider window of weed control

- // The residual activity of dicamba may reduce early weed competition and improve late-season control, supporting higher yield potential and cleaner fields at harvest
- // The short-term residual activity provided by dicamba controls labelled, small-seeded broadleaf weeds, including common ragweed, lamb's-quarters and redroot pigweed, while helping to manage herbicide resistance concerns
- // Research trials showed a 2.4 bu./ac. increase* due to reduced early weed competition from the residual activity of dicamba

*Source: 39 Bayer Market Development research trials (2008 to 2014). Average of 2.4 bu./ac. advantage over 2-pass glyphosate-only treatment.

Your results may vary depending on agronomic, environmental and pest pressure variables.

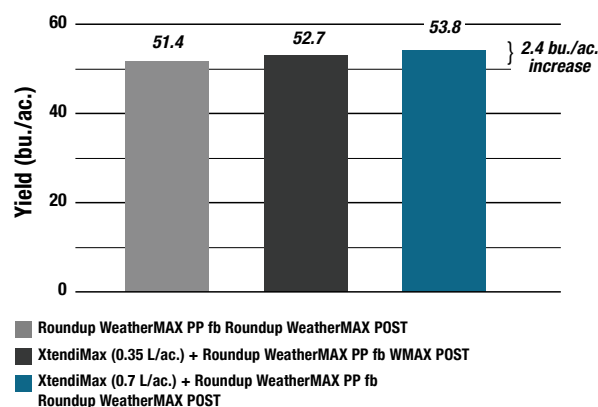
Pre-Plant Residual Weed Control



Extended activity on labelled, annual broadleaf and grass weeds from a pre-plant (PP) application of Roundup WeatherMAX (WMAX) and dicamba (D), as demonstrated in Bayer research trials.

Source: 39 Bayer Market Development Research trials (2008 to 2014). Average of 2.4 bu./ac. advantage over 2-pass glyphosate-only treatment. XtendiMax 2 herbicide with VaporGrip Technology delivers the same level of control as XtendiMax herbicide with VaporGrip Technology. Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

Yield Impact of Early Residual Weed Control



Enhance your yield potential from a pre-plant application of dicamba combined with Roundup WeatherMAX, as demonstrated in Bayer research trials.

PP = pre-plant/pre-emerge

POST = post-emergent application at 3rd trifoliolate

fb = followed by Roundup WeatherMAX applied at 900 g/ha (0.67 L/ac.)

Source: 39 Bayer Market Development research trials (2008 to 2014).

XtendiMax 2 herbicide with VaporGrip Technology delivers the same level of control as XtendiMax herbicide with VaporGrip Technology.

Your results may vary depending on agronomic, environmental, pest and disease pressure variables.



TRAITS

XtendFlex Soybeans

XtendFlex soybeans provide you with more choice, control and flexibility than ever before

- // XtendFlex soybeans are the ultimate soybean triple threat with tolerance to glyphosate, dicamba and glufosinate, thus providing choice and flexibility as well as the ability to manage tough-to-control and resistant weeds
- // Provides the benefits of the Roundup Ready Xtend Crop System including the ability to use either Roundup Xtend 2 or XtendiMax 2, in your first herbicide pass for short-term residual activity on tough small-seeded broadleaf weeds

- // Flexibility to apply a 200SN formulation of glufosinate herbicide as needed for non-selective post-emergent applications up to the R1 growth stage
- // Allows greater choice and flexibility in selecting a herbicide based on weed spectrum and field conditions
- // XtendFlex soybeans bring choice and flexibility while continuing to provide the benefits and proven performance of the Roundup Ready Xtend Crop System



Untreated check



Pre-/At Planting: Roundup Xtend herbicide with VaporGrip Technology (2 L/ac.)

Plus Fierce® Herbicide (96 g/ac.)
Late Post: Liberty® 200 SN Herbicide (1 L/ac.)



Pre-/At Planting: Roundup Xtend herbicide with VaporGrip Technology (2 L/ac.)

Late Post: Roundup WeatherMAX (0.67 L/ac.)

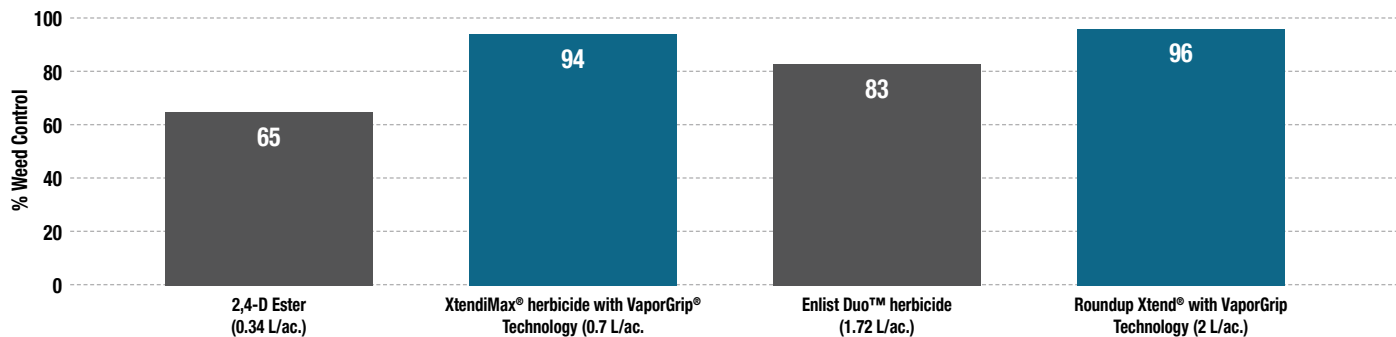
Source: Bayer Market Development Trials, Port Alma, ON. (photos taken July 28, 2020).

Roundup Xtend 2 herbicide with VaporGrip Technology delivers the same level of control as Roundup Xtend herbicide with VaporGrip Technology.

Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

Canada Fleabane Control

28 DAYS AFTER APPLICATION



Source: 9 Canada Market Development Trials (2018 and 2019).

Treatments were spring applied at the time of burndown and planting. Predominate species rated were Canada fleabane, kochia, lamb's-quarters and redroot pigweed.

All rates are ai-ae/ha. Roundup Xtend 2 with VaporGrip Technology and XtendiMax 2 herbicide with VaporGrip Technology deliver the same level of control as the original formulations. Your results may vary depending on agronomic, environmental and pest pressure variables.



TRAITS

Vyconic Soybeans

Introducing Vyconic: the future of soybeans

Herbicide Active Ingredients

- // 2,4-D
- // Dicamba
- // Glyphosate
- // Glufosinate
- // Mesotrione

Herbicide tolerance

- // Expected to be the first trait stack with tolerance to five active ingredients, providing multiple modes of action and broad-spectrum, effective weed control
- // Will allow growers the application flexibility to manage resistant and tough-to-control weeds specific to their farm
- // Plan to optimize weed management offerings with proprietary herbicide formulations

Outstanding genetics to optimize yield potential

- // Launch product class anticipated to cover full range of agronomic needs of Canadian soybean growers (RM 000-3+)
- // Advanced precision breeding program developing top-performing genetics expected for launch

One trait, unparalleled flexibility

- // The industry-first trait package with tolerance to 5 herbicide active ingredients (glyphosate, glufosinate, dicamba, 2,4-D and mesotrione based herbicides) to enable the broadest suite of weed management options



VYCONIC ACTIVE INGREDIENT TOLERANCE

ACTIVE INGREDIENT					
Glufosinate					
Glyphosate + Mesotrione + Dicamba					
Glyphosate + Mesotrione					
Glyphosate + 2,4-D					
Glyphosate + Dicamba					
Glyphosate					
	Roundup Ready 2 Yield® Soybeans	Roundup Ready 2 Xtend® Soybeans	Enlist® E3 Soybeans	XtendFlex® Soybeans	Vyconic® Soybeans
TRAITS					

Source: Bayer Market Development, Tavistock, 2025

This product is not currently available for commercial sale or commercial planting. Commercialization is dependent on multiple factors, including successful conclusion of the regulatory process. The information presented herein is provided for educational purposes only, and is not and shall not be construed as an offer to sell. Vyconic® soybeans contain genes that confer tolerance to glyphosate, glufosinate and dicamba, mesotrione and 2,4-D active ingredients. Plants that are not tolerant to glyphosate, dicamba, glufosinate, mesotrione, or 2,4-D may be damaged or killed if exposed to those herbicides. Vyconic® is a registered trademark of Bayer Group. Used under license. Bayer CropScience Inc. is a member of CropLife Canada. ©2026 Bayer Group. All rights reserved.

- // The flexibility of the Vyconic system provides the ability to customize weed control needs at the field level



SEED TREATMENT

CROPS FOR USE			
Soybeans	AND Imidacloprid (Neonic option) - Group 4 OR Tetraniliprole (Diamide option) - Group 28 AND Flupyradifurone - Group 4D	DISEASES CONTROLLED Early-season Phytophthora Early-season root rot and seedling blight - Caused by <i>Fusarium</i> spp., including <i>Fusarium graminearum</i> and <i>Rhizoctonia solani</i> Seed rot/pre-emergent damping-off - Caused by <i>Phomopsis longicolla</i> Seed rot/pre-emergent damping-off and post-emergent damping-off - Caused by <i>Fusarium</i> spp., including <i>Fusarium graminearum</i>, <i>Pythium</i> spp. and <i>Rhizoctonia solani</i>	Seedling blight - Caused by seed-borne <i>Botrytis cinerea</i> DISEASES SUPPRESSED Seed rot/pre-emergent damping-off - Caused by seed-borne <i>Ascochyta rabiei</i> INSECT PROTECTION Bean leaf beetle - Damage from early-season feeding Seed corn maggot Soybean aphids early season Wireworm For full details, please reference product label.
ACTIVE INGREDIENTS			
BASIC			
Metalaxyl - Group 4			
Penflufen - Group 7			
Prothioconazole - Group 3			
STANDARD			
Metalaxyl - Group 4			
Penflufen - Group 7			
Prothioconazole - Group 3			
	FORMULATION Suspension concentrate PACKAGING - Commercially applied		

Features and Benefits

- // Choose the Acceleron package that's right for your field
- // Disease, insects, bad weather – there isn't a threat your soybean crops haven't faced. That's why our Acceleron seed treatment packages are designed to give you an ally in the field from day one, delivering total protection against a wide range of challenges.
- // Combine this protection with a soybean inoculant to help soybean crops by enhancing nutritional availability. Plants benefit from improved nodule formation, increased nitrogen fixation and enhanced nutrient availability to support root and shoot growth.

Application Tips

- // Commercially applied by a seed supplier for convenience and to ensure uniform and consistent coverage on each and every soybean

SOYBEANS	acceleron®	
	BASIC	STANDARD
INSECTICIDE		Neonicotinoid Option (Group 4A)
		Diamide Option (Group 28)
		Insects controlled or suppressed: Bean leaf beetle, soybean aphid, wireworm, seed corn maggots
FUNGICIDE	Diseases controlled or suppressed: Pythium, rhizoctonia, fusarium, phomopsis, phytophthora	

GROUP
4

Allegiance®

SEED TREATMENT

CROPS FOR USE	FORMULATION	DISEASES CONTROLLED
Soybeans	Suspension concentrate	Early-season <i>Phytophthora</i> spp.
ACTIVE INGREDIENT Metalaxyl - Group 4	PACKAGING 3.79 L jug and 60 L drum - Commercially applied	Seed rots and seedling blights - Caused by <i>Pythium</i> spp.
		For full details, please reference product label.

Features and Benefits

- // Dependable and consistent control of all seed rots and seedling blights caused by *Pythium* spp.
- // A simple solution for early-season *Phytophthora* spp. protection
- // Powerful systemic protection for seed, roots and emerging plants, combined with ease of use and low rates per acre

Application Rate

CROP	ALLEGIANCE
Soybeans	46 to 93 mL/100 kg of seed

Application Guidelines

- // Must be applied with or as part of a seed treatment package that includes a colourant

Tank Mixes

- // Recommended use is to include a permissible tank-mix partner, such as EverGol Energy, for comprehensive disease protection

Storage

- // Heated storage is required

Allegiance fungicide seed treatment provides powerful control of early-season *Phytophthora* spp. and *Pythium* spp., and is used at low volume application rates with easy tank mixing.





SEED TREATMENT

CROPS FOR USE	FORMULATION	PACKAGING	DISEASES SUPPRESSED
Soybeans	Suspension concentrate	33.75 L drum - Treats 2,290 units of soybean seed - Commercially applied	Seed rot/pre-emergent damping-off - Caused by <i>Phomopsis longicolla</i> Seed rot/pre-emergent damping-off and post-emergent damping-off - Caused by <i>Fusarium</i> spp., including <i>Fusarium graminearum</i> , <i>Pythium</i> spp. and <i>Rhizoctonia solani</i> Seedling blight - Caused by seed-borne <i>Botrytis cinerea</i>
ACTIVE INGREDIENTS Metalaxyl - Group 4 Penflufen - Group 7 Prothioconazole - Group 3	DISEASES CONTROLLED Early-season root rot and seedling blight - Caused by <i>Fusarium</i> spp., including <i>Fusarium graminearum</i> and <i>Rhizoctonia solani</i>		Seed rot/pre-emergent damping-off - Caused by seed-borne <i>Ascochyta rabiei</i> For full details, please reference product label.

Features and Benefits

- // Outstanding disease control at one low application rate
- // Enhanced emergence and crop establishment through stronger healthier roots
- // Improved vigour and yield potential, especially under disease pressure
- // Seed safe
- // Excellent plantability (no planter plate buildup)
- // Low dust-off properties
- // Low treating area temperature – it can be used at a warehouse/treating area temperature of 5°C (minimum)
- // Undiluted product has a very good shelf life, with minimal sedimentation when stored according to label recommendations
- // Use with Stress Shield for premium insect protection to deliver a comprehensive seed treatment package
- // Add Allegiance for early-season phytophthora control

Application Guidelines

Rate

- // 65 mL/100 kg of soybean seed
- // The blue dye that comes with EverGol Energy must be added – 2 x 5.5 L jugs for each EverGol Energy tote
- // Blue dye application rate of 21 mL/100 kg soybean seed for a total application rate of 86 mL/100 kg (65 mL/100 kg EverGol Energy + 21 mL/100 kg blue dye)

Application Tips

- // Commercially applied by seed suppliers for convenience and to ensure uniform and consistent coverage
- // Diluted product should be applied above freezing temperature
- // Uniform coverage is necessary for optimum performance
- // An appropriate seed colourant (provided) must be added to EverGol Energy before it is applied to the seed
- // Agitate before use
- // Check with inoculant manufacturers for application and compatibility details

Water Volumes

- // EverGol Energy can be diluted with water prior to application to ensure uniform coverage on the seed

Tank Mixes

- // Allegiance at 35 mL/100 kg of soybean seed
- // Stress Shield at 104 mL/100 kg of soybean seed

Storage

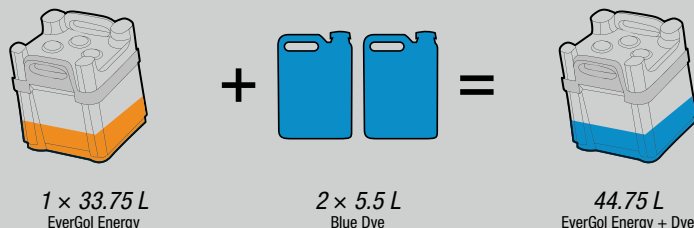
- // Heated storage is required



MIXING OPTION – EVERGOL ENERGY (If No Mix Tank Available)

To prepare one batch of EverGol Energy without a mix tank, add two jugs of blue dye into the EverGol Energy unit.

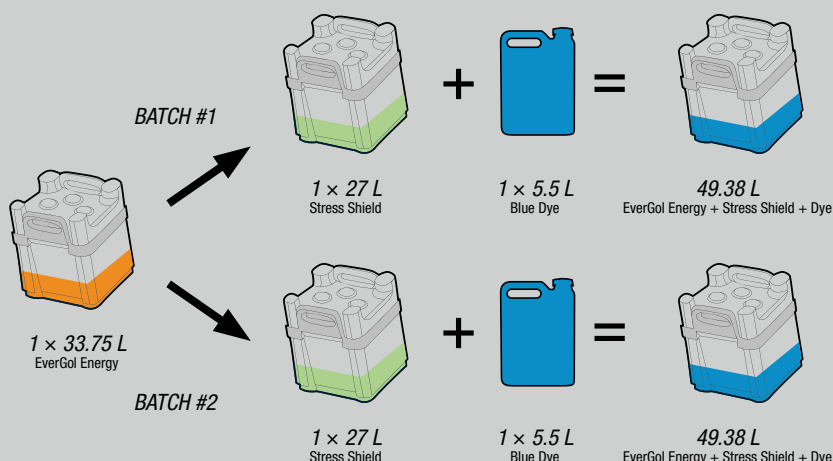
Each EverGol Energy unit comes with 2 × 5.5 L units of blue dye.



MIXING OPTION – EVERGOL ENERGY + STRESS SHIELD (If No Mix Tank Available)

To prepare one batch of EverGol Energy plus Stress Shield without a mix tank, pump half of the EverGol Energy into one of the Stress Shield units and the other half into the second Stress Shield unit. Then add one jug of blue dye into each of the Stress Shield units.

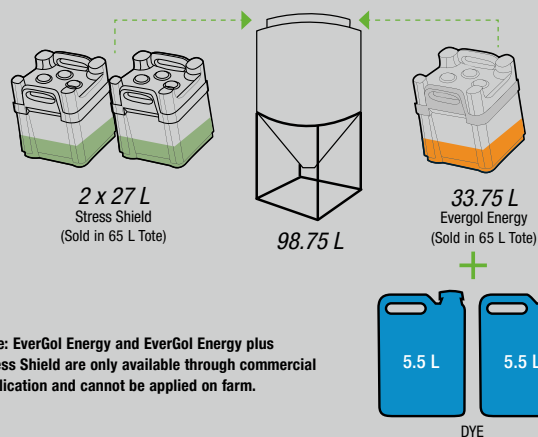
Each EverGol Energy unit comes with 2 × 5.5 L units of blue dye.



MIXING OPTION – EVERGOL ENERGY + STRESS SHIELD (With Mix Tank)

To prepare one batch of EverGol Energy plus Stress Shield with a mix tank, add one tote of EverGol Energy and two totes of Stress Shield into the mix tank. Then add the two jugs of blue dye.

Each EverGol Energy unit comes with 2 × 5.5 L units of blue dye.



WHAT IS EVERGOL? With its unique Group 7 active ingredient penflufen, EverGol offers your crop outstanding defence against diseases (including *Rhizoctonia solani*). As a testament to its efficacy, penflufen represents the first fungicidal active from Bayer specifically engineered for use only in seed treatment. This Group 7 fungicide is combined with Bayer's Group 3 and 4 fungicides to create EverGol Energy.

GROUP
4GROUP
9

HERBICIDE

CROPS FOR USE

Corn
(field only. Do not apply to sweet corn grown for seed production, or corn hybrids without Roundup Ready 2 Technology)

Soybeans
(XtendFlex and Roundup Ready 2 Xtend trait only. Do not apply to RR2Y or conventional soybeans)

ACTIVE
INGREDIENTS**Dicamba**

- Group 4

Present as diglycolamine salt

Glyphosate

- Group 9

Present as the monoethanolamine salt

FORMULATION

Liquid concentrate

PACKAGING

10 L jug = 7 ac.**450 L tote = 300 ac.**WEEDS
CONTROLLEDANNUAL BROADLEAF
WEEDS**Annual sow thistle****Biennial wormwood****Buckwheat**

(tartary, wild)

Bur cucumber**Canada fleabane****Chickweed****Cleavers****Cocklebur****Common lamb's-
quarters****Corn spurry****Cow cockle****Eastern black****nightshade****Flixweed****Green smartweed****Hemp-nettle****Lady's-thumb****Mustard** (hare's ear,
Indian, tumble, wild,
wormseed)**Narrow-leaved vetch****Night-flowering****catchfly****Pennsylvania****smartweed****Pigweed** (redroot,
Russian, smooth)**Prickly lettuce****Ragweed** (common,
false, giant)**Round-leaved mallow****Russian thistle****Shepherd's-purse****Stinkweed****Velvetleaf****Volunteer adzuki****beans****Volunteer canola**
(non glyphosate-
tolerant)**Wild tomato**ANNUAL GRASS
WEEDS**Annual bluegrass****Barnyard grass****Crabgrass**

(large, smooth)

Downy brome**Fall panicum****Foxtail** (green, yellow)**Persian dandel****Volunteer barley****Volunteer wheat****Wild proso millet****Wild oats**

PERENNIAL WEEDS

Canada thistle**Common milkweed****Dandelion****Field bindweed****Foxtail barley****Perennial sow thistle****Quackgrass****Wire-stemmed muhly****Yellow nutsedge**For full details, please
reference product label.

Features and Benefits

- // Higher concentration formulation for greater ease of use
- // Same trusted control as the original Roundup Xtend herbicide with VaporGrip Technology
- // Spray early with confidence with Roundup Ready 2 Xtend and XtendFlex soybeans to enhance the Roundup Ready Xtend Crop System
- // Helps manage labelled, resistant weeds by adding another effective mode of action to Roundup
- // Reduced volatility through VaporGrip Technology
- // Reduces early-weed competition through short-term soil residual activity
- // Controls a broad spectrum of weeds

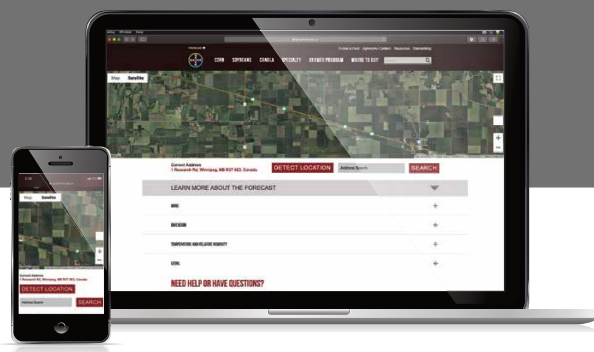
Application Requirements

- // Use nozzles and operating pressures that produce extremely coarse to ultra-coarse droplets to minimize drift
- // Target weeds less than 10 cm tall
- // Maintain boom height 50 cm above crop canopy or target weeds to reduce the risk of drift
- // Optimal wind speeds for application typically occur between 5 and 15 km/h
- // Maintain the required label buffer to protect sensitive areas; do not spray if sensitive crops are downwind

- // Ensure ground speed is less than 25 km/h
- // Use a triple rinse sprayer clean-out procedure
- // Do not use ammonium sulfate or ammonium-based additives in application
- // Use a minimum carrier water volume of 10 gal./ac. or 15 gal./ac. if including a drift reduction additive

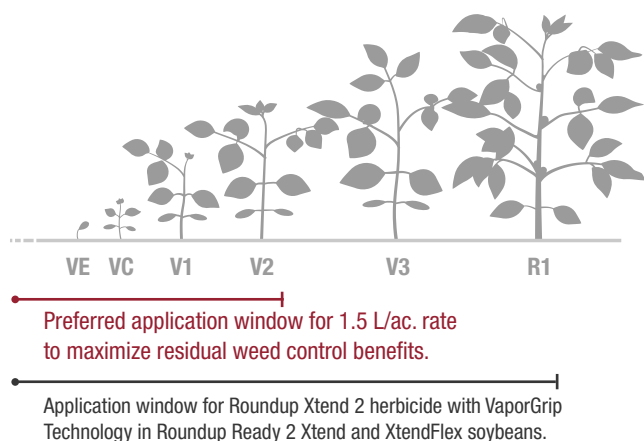
SUCCESSFUL APPLICATION STARTS HERE

- // Applying Roundup Xtend 2 with VaporGrip Technology or XtendiMax 2 with VaporGrip Technology herbicides? Go to **SprayForecast.ca**
- // The Spray Forecast tool provides real-time, location-specific data on temperature, humidity, wind speed and inversion risk





Roundup Xtend 2 Herbicide with VaporGrip Technology Application Guidelines



Equivalent dose of Roundup WeatherMAX and XtendiMax 2 with VaporGrip Technology when using Roundup Xtend 2 with VaporGrip Technology

- // At 1.5 L/ac. = 0.9 L/ac. Roundup WeatherMAX herbicide + 0.5 L/ac. XtendiMax 2 Herbicide
- // At 1.14 L/ac. = 0.67 L/ac. Roundup WeatherMAX herbicide + 0.36 L/ac. XtendiMax 2 Herbicide
- // At 0.8 L/ac. = 0.45 L/ac. Roundup WeatherMAX herbicide + 0.25 L/ac. XtendiMax 2 Herbicide

Rainfastness

- // Avoid applying this product when heavy rain is forecast. Rainfall occurring within 4 hours after application, particularly on weeds growing under stress conditions, may reduce the effectiveness of this product. Heavy rainfall within 2 hours after application may wash the chemical off the foliage and a repeat treatment may be required.

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Tank Mixes

- // For a list of permissible tank mixes supported by Bayer, visit cropscience.bayer.ca/TankMixList

Storage

- // Heated storage not required

Pre-plant/pre-emergence Application Timing	Roundup Ready 2 Xtend or XtendFlex soybeans
Rate	0.8, 1.14 or 1.5 L/ac. (1.9, 2.82 or 3.77 L/ha)*

Post emergence Application Timing	Roundup Ready 2 Xtend or XtendFlex soybeans
Crop Staging	Up to R1
Rate	0.8, 1.14 or 1.5 L/ac. (1.9, 2.82 or 3.77 L/ha)*

Up to 2 post applications per season. Second post application should only be used for control of glyphosate-resistant weeds.**

The 1.5 L/ac. rate can be used only once in a season and should be applied pre-plant, pre-emergence or in-crop early post emergence (up to the V2 growth stage in soybeans and up to the 5 leaf growth stage in corn).

*1.5 L/ac. is preferred for maximum residual opportunity and the most consistent weed control.

**3 L/ac. is the maximum total to be applied in a single season.

For other crops, see product label for rates.



Overall Weed Control

Herbicide Group 4 and Group 9

A pre-mix of our low-volatility dicamba formulation with Roundup for ease of use.

Waterhemp Control



Untreated Check



Pre/At Planting: Roundup Xtend® herbicide with VaporGrip® Technology (2 L/ac.)

Late Post: Roundup WeatherMAX® (0.67 L/ac.)



Pre/At Planting: Roundup Xtend herbicide with VaporGrip Technology (2 L/ac.) and Fierce® herbicide

Late Post: Liberty® 200 SN herbicide (1 L/ac.)

Source: Third Party Research Trials, Port Alma, ON (July 28, 2020). Your results may vary according to agronomic, environmental and pest pressure variables.

Glyphosate-Resistant Canada Fleabane Control Comparison



XtendiMax herbicide with VaporGrip Technology at 0.7 L/ac.

Source: 56 days after application in Thamesville, ON (2019). XtendiMax 2 delivers the same level of control as XtendiMax 2 herbicide with VaporGrip Technology. Your results may vary depending on agronomic, environmental, pest and disease pressure variables.



2,4-D Ester 700 at 0.5 L/ac.



Photo taken on June 29, 2016 at the University of Guelph, Ridgetown, ON, 20 days after application of Roundup Xtend herbicide at 2 L/ac. Roundup Xtend 2 delivers the same level of control as Roundup Xtend



HERBICIDE

CROPS FOR USE

Corn
(field only, do not apply to sweet corn)

Soybeans
(XtendFlex soybeans and Roundup Ready 2 Xtend trait only. Do not apply to RR2Y or conventional soybeans)

ACTIVE INGREDIENT

Dicamba
- Group 4

Present as diglycolamine salt

FORMULATION

Liquid concentrate

PACKAGING

10 L jug = 20 ac.

122 L drum = 245 ac.

450 L tote = 900 ac.

WEEDS CONTROLLED

ANNUAL BROADLEAF WEEDS

Buckwheat
(tartary, wild)

Canada fleabane

Cleavers

Common

lamb's-quarters

Corn spurry

Cow cockle

Green smartweed

Lady's-thumb

Mustard (hare's ear, Indian, tumble, wild, wormseed)

Pigweed (redroot, Russian, smooth)

Ragweed (common, false, giant)

Velvetleaf

PERENNIAL WEEDS

Canada thistle

Field bindweed

Perennial sow thistle

For full details please reference product label.

Features and Benefits

- // A convenient higher concentrated formulation
- // Same trusted control as the original XtendiMax herbicide with VaporGrip Technology
- // Reduces early weed competition through short-term residual control of labelled, small-seeded broadleaf weeds
- // Helps manage weed resistance by adding another effective mode of action to Roundup
- // Reduced volatility through VaporGrip Technology

Application Requirements

- // Use nozzles and operating pressures that produce extremely coarse to ultra-coarse droplets to minimize drift
- // Target weeds less than 10 cm tall
- // Maintain boom height 50 cm above crop canopy or target weeds to reduce the risk of drift
- // Optimal wind speeds for application typically occur between 5 and 15 km/h
- // Maintain the required label buffer to protect sensitive areas; do not spray if sensitive crops are downwind
- // Ensure ground speed is less than 25 km/h
- // Use a triple rinse sprayer clean-out procedure
- // Do not use ammonium sulfate or ammonium-based additives in application
- // Use a minimum carrier water volume of 10 gal./ac. or 15 gal./ac. if including a drift reduction additive

Rainfastness

- // Avoid applying this product when heavy rain is forecast. Rainfall occurring within 4 hours after application, particularly on weeds growing under stress conditions, may reduce the effectiveness of this product. Heavy rainfall within 2 hours after application may wash the chemical off the foliage and a repeat treatment may be required.

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Tank Mixes

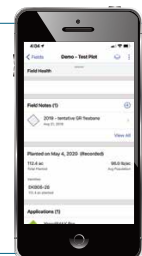
- // For a list of permissible tank mixes supported by Bayer, visit crops.science.bayer.ca/TankMixList

Storage

- // Heated storage not required

FIELDVIEW

Tracking and reporting tools can keep scouting notes organized to help you manage weed resistance and easily review field history all season long. In addition, you can keep track of what products are being sprayed in each field and at what rate they are being applied to help with identifying year-over-year trends and manage resistance.



Soybean varieties with the Roundup Ready 2 Xtend and XtendFlex soybean traits are the first step towards achieving high yield potential in your fields. Complete the Roundup Ready Xtend Crop System by applying Roundup Xtend 2 or XtendiMax 2 herbicides with VaporGrip Technology for short-term residual weed control of hard-to-kill and key glyphosate-resistant broadleaf weeds, such as Canada fleabane.

**ROUNDUP READY 2
XTEND
SOYBEANS**

**XTENDFLEX
SOYBEANS**

**Roundup
XTEND2
VaporGrip**

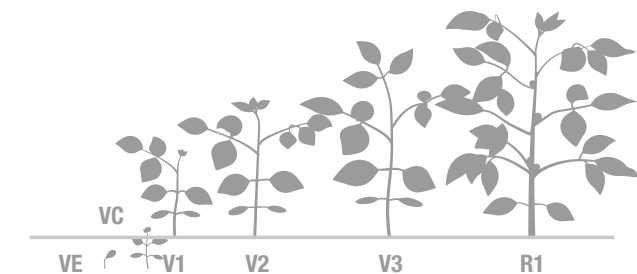
**XTENDIMAX2
VaporGrip**

**Roundup
WeatherMAX
HERBICIDE**

**ROUNDUP READY
XTEND
CROP SYSTEM**



XtendiMax 2 Herbicide Application Guidelines



Preferred application window for 0.5 L/ac. rate to maximize residual weed control benefits.

Application window for XtendiMax 2 herbicide with VaporGrip Technology in Roundup Ready 2 Xtend Soybeans.

Pre-plant/pre-emergence Application Timing	Roundup Ready 2 Xtend or XtendFlex soybeans
Rate	0.25 L/ac. (0.608 L/ha) to 0.5 L/ac. (1.26 L/ha)*

0.5 L/ac. is preferred for maximum residual opportunity and the most consistent weed control

Post emergence Application Timing	Roundup Ready 2 Xtend or XtendFlex soybeans
Crop Staging	Up to R1
Rate	0.25 L/ac. (0.608 L/ha) to 0.5 L/ac. (1.26 L/ha)*

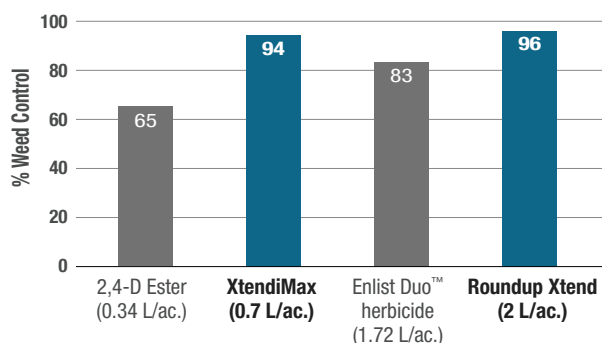
Up to two post applications per season. Second post application should only be used to control glyphosate-resistant weeds.**

*The 0.5 L/ac. rate can be used only once in a season.

**1 L/ac. is the maximum total to be applied in a single season.

For other crops, see product label for rates.

Canada Fleabane Control



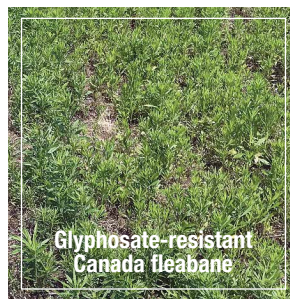
Source: 9 Canada Market Development Trials (2018 and 2019).

Treatments were spring applied at the time of burndown and planting. Predominate species rated were Canada fleabane, kochia, lamb's-quarters and redroot pigweed. All rates are ai-ae/ha. Your results may vary depending on agronomic, environmental, pest and disease pressure variables.

Glyphosate-Resistant Canada Fleabane Control Comparison



XtendiMax herbicide with VaporGrip Technology at 0.7 L/ac.



2,4-D Ester 700 at 0.5 L/ac.

Source: 56 days after application in Thamesville, ON (2019). XtendiMax 2 delivers the same level of control as XtendiMax 2 herbicide with VaporGrip Technology.

Your results may vary depending on agronomic, environmental, pest and disease pressure variables.



FUNGICIDE

CROPS FOR USE

Barley
Corn
(field, pop, seed, sweet)
Dry beans
Oats
Soybeans
Wheat
(durum, spring, winter)

ACTIVE
INGREDIENTS

Fluopyram

- Group 7

Prothioconazole

- Group 3

Trifloxystrobin

- Group 11

FORMULATION

458.5 SC

PACKAGING

7.1 L jug = 30 ac.

113.8 L drum = 480 ac.

426.6 L tote = 1,800 ac.

DISEASES
CONTROLLED

SOYBEANS

Asian soybean rust

Brown spot

Frogeye leaf spot

Phomopsis stem blight

DISEASES
SUPPRESSED

SOYBEANS

Charcoal rot

White mould

For full details, please
reference product label.

Features and Benefits

- // Includes a Group 7 active, fluopyram, which offers excellent protection in high-disease situations
- // Effective control of major corn and soybean diseases
- // Delaro Complete fungicide delivers three modes of action (Groups 3, 7 and 11) to provide enhanced disease control in corn and soybeans under various environmental conditions to combat the toughest diseases

Directions for Use

Soybeans

- // Apply preventively or at the first signs of disease from early flowering (R1) to complete pod fill (R5)
- // When disease pressure is high or when agronomic or weather conditions are conducive to disease development, make a second application of Delaro Complete 10 to 14 days later
- // May be applied by ground or aerial spray equipment

Application Guidelines

- // Do not apply more than 2 applications per season

Rate

- // 237 mL/ac. (586 mL/ha)

Rainfastness

- // 1 hour

Restricted-Entry Interval

- // Do not enter treated fields for 12 hours after application

Pre-Harvest Interval

- // Do not apply within 20 days of harvest. Do not graze or feed treated soybean forage or hay to livestock.

Storage

- // Heated storage is required



Small Plot Soybean Competitive Fungicide Trials 2025 Yield

2025 YIELD

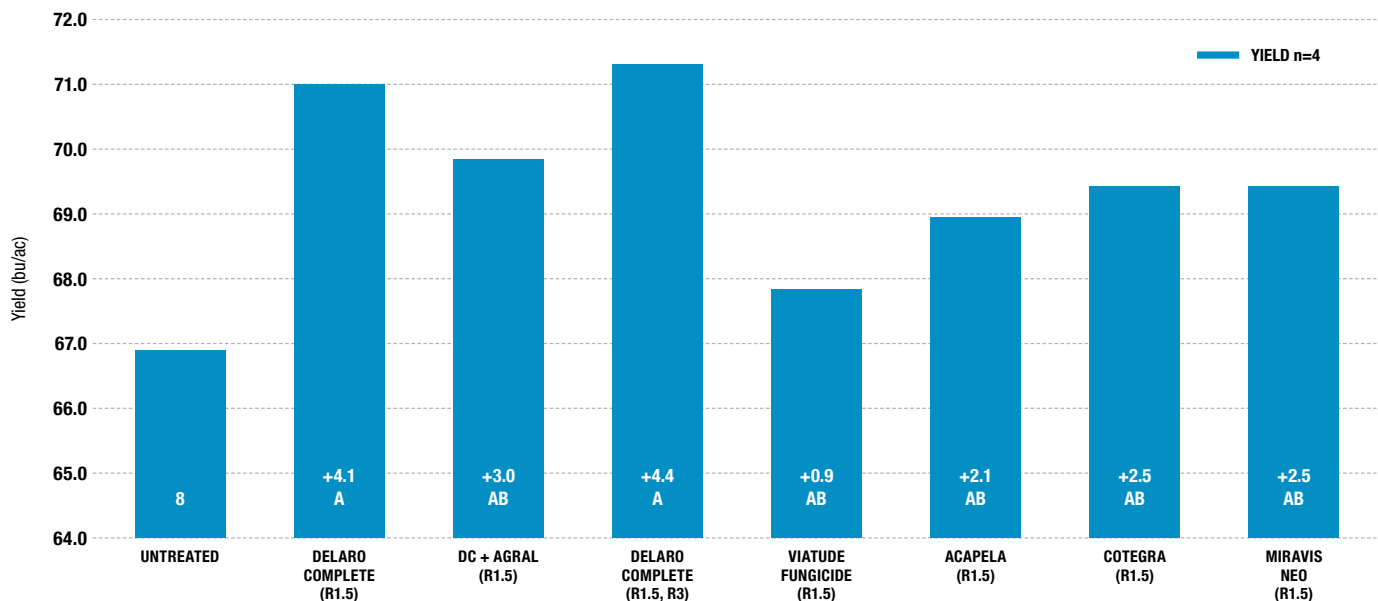


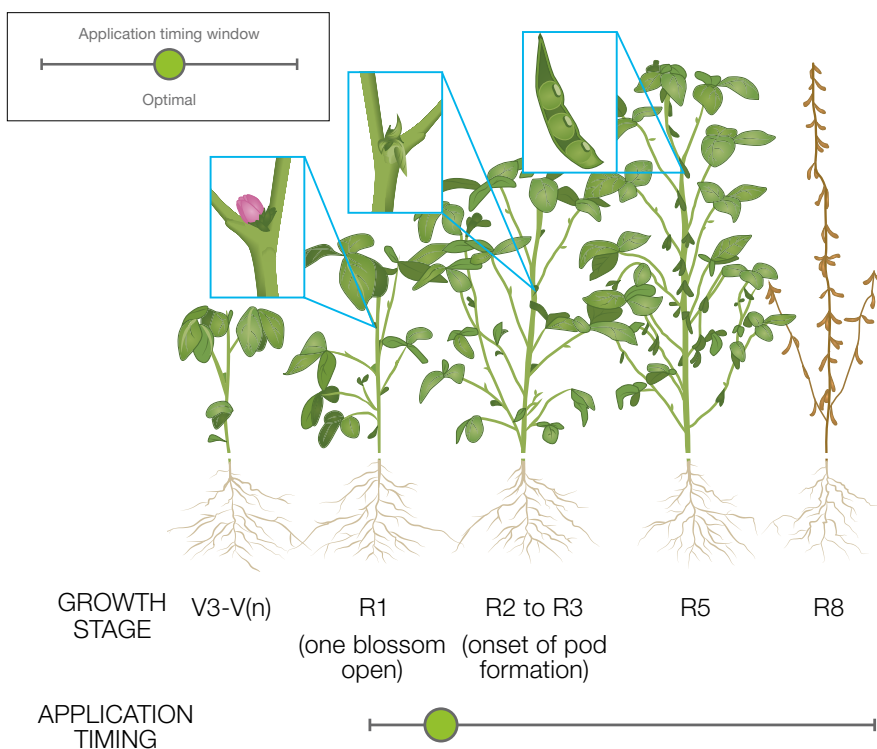
Chart created using small plot data from Canada MD in QC & ON, 2025 (n = 4)
Treatment means are significantly different at $P < 0.05$.
Your results may vary according to agronomic, environmental and pest variables.

Triple-action Delaro Complete fungicide combats the toughest diseases for outstanding protection and higher yield potential.

Delaro Complete adds an additional mode of action for even better protection against major corn and soybean diseases including tar spot and white mould. Get exceptional protection in high disease situations with Delaro Complete. It's one tough fungicide.*

For best white mould protection, protect flowers and apply before disease is present.

*See label for diseases controlled.



RESOURCES

Tank Mixes

Temperature Consideration for Herbicide Application

W.A.M.L.E.G.S.



Tank Mixes

The **Pest Management Regulatory Agency (PMRA) Guidance Document** provides that tank mixes are permitted only if both tank mix product labels contain general tank mix statements or at least one product specifically references the other product as a tank mix on a label. Please see **[cropscience.bayer.ca/TankMixList](https://cropsscience.bayer.ca/TankMixList)** or **scan the QR code** to learn more about conducting a tank mix with any Bayer crop protection product.



Temperature Consideration for Herbicide Application

Herbicides, their activity and weed control ability, as well as their crop safety characteristics, can be affected by temperature. Below are application guidelines based on overnight temperatures that when followed, will help you get the most from your herbicide application.

These guidelines are based on temperatures taken within 12 inches of ground level. If temperatures are taken 4 feet above this, add 1°C to each of the temperatures shown in the table.

OVERNIGHT TEMPERATURE	GUIDELINES
-1°C to -3°C (after a frost)	Wait for at least 72 hours of good growing weather before applying herbicides. Good growing conditions typically occur when the minimum daytime temperature is at least +18°C with overnight lows no lower than +3°C.
0°C	Wait for at least 48 to 72 hours of good growing weather before applying herbicides.
+1°C	Wait for at least 24 to 48 hours of good growing weather before applying herbicides.
+2°C	Wait for at least 24 hours of good growing weather before applying herbicides.
+3°C	Wait until temperatures warm up to at least +15°C that day before applying herbicides.
+4°C	Spray herbicides early that morning.

Note: Please consult product labels for specific temperature-related usage instructions.



Wettable powders,
flowable products



Agitate



Microcapsule
suspension



Liquids and solubles



Emulsifiable
concentrates



High-load
glyphosates



Surfactants

Remember W.A.M.L.E.G.S. for the Proper Tank-Mix Order

Similar to W.A.L.E.S., W.A.M.L.E.G.S. describes the order in which permissible tank-mix partners are added to the sprayer tank. The order is important to reduce the likelihood of chemical incompatibility.

Steps for Successful Tank Mixing

Follow these best practices to ensure proper tank mixing and the reduced possibility of product incompatibility. There are two types of incompatibility problems – physical and chemical.

Physical Incompatibility

Permissible tank mixes partners with physical incompatibility problems may separate into layers (that is, oil and water), and solids may settle faster than normal. In severe cases, physical incompatibility may cause the solution to gel or cause solids to clump. When this happens, tanks will have to be drained and flushed and all filters, screens and nozzles removed and cleaned.

Examples of physical incompatibility include:

- // Dry products fail to disperse or suspend properly in the solution. When this happens, sediment can form a cake-like layer that accumulates on the bottom of the tank or form particles that can clog screens and filters.
- // Liquid solutions can curdle and thicken into a paste or gel, making it difficult to clean the tank
- // Undissolved materials can clog screens and nozzles
- // Oil residue coatings or films can collect on tank walls and rubber hoses
- // Active ingredients separate into distinct layers in the spray tank
- // Excess foaming can arise from trapped air in the tank mixture

Chemical Incompatibility

Chemical incompatibility can negatively affect spray quality, product uptake and plant surface retention of the application. The effect of a chemically incompatible tank mixture may not always be obvious. Visible crop injury (phytotoxicity) may occur a few hours to several days following an application. Sometimes, reduced efficacy is the only observable effect of a chemically incompatible solution. Solving the problem may require additional applications that can decrease yield, harm crop quality, or both.



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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 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® 2 Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Plants that are not tolerant to glyphosate may be damaged or killed if exposed to those herbicides. Vyconic® soybeans contain genes that confer tolerance to glyphosate, glufosinate and dicamba, mesotrione and 2,4-D active ingredients. Plants that are not tolerant to glufosinate may be damaged or killed if exposed to those herbicides. Plants that are not tolerant to **glyphosate, dicamba, glufosinate, mesotrione, or 2, 4-D** may be damaged or killed if exposed to those herbicides. Plants that are not tolerant to dicamba may be damaged or killed if exposed to those herbicides. 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.

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