Product Name: Pixxaro™

Pixxaro™ is a combination of the following products:

Pixxaro™ A Herbicide
plus M™ Ester 600 Herbicide

The specimen labels are attached

COMPANY IDENTIFICATION:

Corteva Agriscience Canada Company
Suite 240, 115 Quarry Park Rd. SE
Calgary, AB
T2C 5G9
Canada

Customer Information Number: 800-667-3852
E-mail address: solutions@corteva.com

EMERGENCY TELEPHONE
24-Hour Emergency Contact: 1-888-226-8832
Local Emergency Contact: 1-888-226-8832

Pixxaro™ A
Herbicide

with ARYLEX™ ACTIVE

GROUP	4	HERBICIDE

FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND THE INTERIOR OF BRITISH COLUMBIA AND IN EASTERN CANADA

Pixxaro™ A Herbicide is a selective herbicide for postemergent control of annual broadleaved weeds including chickweed, cleavers, hemp-nettle, kochia, lamb's-quarters, redroot pigweed and wild buckwheat in spring wheat (including durum), winter wheat, spring barley and rye (fall and spring).

COMMERCIAL (AGRICULTURAL)

READ THE LABEL AND BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENT:	halauxifen, present as methyl ester	16.25 g/L
	fluroxypyr, present as 1-methylheptyl ester	250 g/L

Emulsifiable Concentrate

WARNING EYE AND SKIN IRRITANT
POTENTIAL SKIN SENSITIZER

REGISTRATION NUMBER 31303 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 1 L - bulk

Corteva Agriscience Canada Company
Suite 240, 115 Quarry Park Rd. SE
Calgary, AB
T2C 5G9
1-800-667-3852

PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN
Causes eye irritation. DO NOT get in eyes. May irritate the skin. Avoid contact with skin. Potential skin sensitizer.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

DO NOT use in residential areas. Residential areas are defined as any use site where bystanders, including children, could be exposed during or after application. This includes homes, schools, parks, playgrounds, playing fields, public buildings, or any other area where the general public, including children, could be exposed.

Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing and loading. Gloves are not required during application within a closed cab and/or cockpit.

At completion of spraying or end of the day: Take a shower immediately. Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing at the end of the work session and store and wash separately from household laundry using detergents and hot water before reuse.

FIRST AID
Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.
If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.
If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.
If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.
If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION
No specific antidote. Employ supportive care. Treatment should be based on the judgment of the physician in response to reactions of the patient.

AGRICULTURAL CHEMICAL
Do not ship or store with food, feeds, drugs or clothing.

ENVIRONMENTAL PRECAUTIONS
TOXIC to non-target terrestrial plants and aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE.

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body. Additional guidance can be found on the Runoff Mitigation portion of the Canada.ca website.

This product contains active ingredients and aromatic petroleum distillates which are toxic to aquatic organisms.

STORAGE
Store in original containers in a secure, dry heated storage. Do not allow contamination of seeds, plants, fertilizers or other pesticides. Store this product away from food or feed. If containers are damaged or spill occurs, use the product immediately or contain the spill with absorbent materials and dispose of waste.

DISPOSAL
Recyclable Containers
Disposal of container: DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial or territorial requirements.

Returnable Containers
Disposal of container: DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

Disposal of unused, unwanted product: For information on disposal of unused, unwanted product, contact the registrant or the provincial or territorial regulatory agency. Contact the registrant and the provincial or territorial regulatory agency in case of a spill, and for clean-up of spills.

GENERAL INFORMATION
Pixxaro A Herbicide is a selective post-emergence herbicide for the control of hard-to-kill annual broadleaved weeds such as chickweed, cleavers, hemp-nettle, kochia, lamb's-quarters, redroot pigweed and wild buckwheat in spring wheat (including durum), winter wheat, spring barley and rye (fall and spring), not underseeded with legumes. Pixxaro A Herbicide is mixed with water and applied as a uniform broadcast spray either by ground or aerial application. It is non-corrosive, nonflammable, and nonvolatile.

Pixxaro A Herbicide must be applied early post-emergence, to the main flush of actively growing broadleaved weeds. Warm, moist growing conditions promote active weed growth and enhance the activity of Pixxaro A Herbicide by allowing maximum foliar uptake and activity. Weeds hardened off by cold weather or drought stress may not be adequately controlled or suppressed and re-growth may occur. For best results, ensure thorough spray coverage of target weeds. See DIRECTIONS FOR USE section of this label for complete use details.

MODE OF ACTION
Pixxaro A Herbicide is a systemic auxin-type herbicide that moves within the plant for control of exposed and underground plant tissues. The product controls weeds by disrupting normal plant growth patterns. Symptoms of weeds include epinasty (twisting of the stems) and swollen nodes.

GENERAL USE PRECAUTIONS

Sensitive Plants
Do not apply Pixxaro A Herbicide directly to, or otherwise permit it to come in direct contact with susceptible crops or desirable plants including alfalfa, edible beans, flax, flowers and ornamentals, lentils, lettuce, peas, potatoes, radishes, soybeans, sugar beets, sunflowers, tomatoes or tobacco.

Non-Target Sites
Do not apply where proximity of susceptible crops (e.g. flax and legumes) or other desirable plants is likely to result in exposure to spray or spray drift. See ENVIRONMENTAL PRECAUTIONS section of this label.

Crop Rotation

Crop	Plant Back Interval (PBI)
Fall rye, winter wheat	3 months
Soybeans	6 months
Spring wheat, spring barley, spring rye, oats, canola, corn, sunflowers, fababeans, flax, field peas, potatoes (except seed potatoes), mustard, alfalfa, dry bean (*Phaseolus vulgaris* species including pinto, kidney and white types) and timothy or fields can be summerfallowed.	10 months
Lentils	22 months

Tank Mixtures
This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Corteva Agriscience Canada Company at 1-800-667-3852 or www.corteva.ca for information before applying any tank mix that is not specifically recommended on this label.

Spray Equipment Precaution
Do not apply through any type of irrigation system.

To Reduce Spray Drift:
1. Use nozzles delivering higher volumes and coarser droplets.
2. Use low pressures (200 to 275 kPa).
3. Use 100 L/ha of spray solution.
4. Spray when the wind velocity is 15 km/hr or less.
5. Spot treatments should only be applied with a calibrated boom to prevent over-application.

Sprayer clean-out
To avoid injury to desirable plants, thoroughly clean equipment used to apply this product before re-use or using it to apply other chemicals.
1. Immediately after spraying, completely drain the sprayer tank. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. First rinse:
    - Spray the inside of tank with clean water and fill the sprayer with at least one tenth of the spray tank volume.
    - Agitate and circulate for 15 minutes, and flush through booms and hoses.

- Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
- Drain tank completely.

3. Second rinse:
   - Fill the tank with clean water.
   - Add All Clear Spray Tank Decontaminator as per manufacturer's recommendations while filling the tank with clean water.
   - Agitate and then flush the boom and hoses with the cleaning solution. Top up with water making sure the tank is completely full. Allow to stand for 15 minutes with agitation. Flush the solution out of the spray tank through the spray booms. Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
   - If possible, let the solution stand in the sprayer tank and booms for an extended period of time, overnight if possible.
   - After flushing the boom and hoses, drain tank completely.
   - Remove nozzles and all main filter and nozzle screens and clean separately with a cleaning agent or an ammonia solution (100 mL in 10 L water).
4. Third rinse:
   - Rinse the tank with clean water and flush through the boom and hoses using at least one tenth of the spray tank volume.
   - Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
   - Drain tank completely.

Do not use ammonia with chlorine bleach. Using ammonia with chlorine bleach will release a gas with a musty chlorine odour which may cause eye, nose, throat, and lung irritation. Do not clean equipment in an enclosed area.

DIRECTIONS FOR USE
READ THE ENTIRE LABEL BEFORE USE. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN ERRATIC WEED CONTROL OR CROP DAMAGE. DO NOT APPLY TO CROPS UNDERSEEDED WITH LEGUMES.

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Field sprayer application
DO NOT apply when wind speed is less than 1 km/h. Avoid application of this product when winds are gusty. **DO NOT** apply with sprays finer than the American Society of Agricultural and Biological Engineers (ASABE) S572 (572.1 to 572.3) coarse classification. Boom height must be 60 cm or less above the crop or ground.

Aerial application
Conventionally piloted aircraft application: **DO NOT** apply when wind speed is less than 1 km/h. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 16 km/h at flying height at the site of application.

DO NOT apply with sprays finer than the American Society of Agricultural and Biological Engineers (ASABE) S572 (572.1 to 572.3) Coarse classification. Reduce drift caused by turbulent wingtip vortices. Nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. **Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.**

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices or a Global Positioning System (GPS).

APPLICATION METHODS

(1) Ground Application
Using ground equipment, apply Pixxaro A Herbicide as a broadcast treatment at the recommended rate as specifically listed in the DIRECTIONS FOR USE section of this label.

(2) Aerial Application
See Directions for Use

Use Precautions
Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the *National Aerial Pesticide Application Manual*, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Operator Precautions
Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

Product Specific Precautions
Read and understand the entire label before opening this product. If you have questions, call the registrant at 1-800-667-3852 or obtain technical advice from the distributor or your provincial or territorial agricultural representative. Application of this specific product must meet and/or conform to the following: Volume: Apply the specified rate in a minimum spray volume of 30 litres per hectare for conventionally piloted aircraft. Avoid spray drift at the application site. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. Users are responsible for considering all these factors when making decisions. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

PIXXARO A HERBICIDE ALONE

Crops Registered
Spring wheat (including durum), winter wheat, spring barley, fall rye and spring rye.

Field Sprayer Application Directions
Spring wheat (including durum), spring barley, and rye (fall and spring), apply the recommended rate of Pixxaro A Herbicide per hectare in 50-200 L of water per hectare. Add Turbocharge Adjuvant (or a registered equivalent adjuvant) at 0.5% v/v. Apply to actively growing spring wheat, spring barley and rye from the 1 leaf stage to just prior to flag leaf emergence.

Winter wheat (spring or fall application), apply the recommended rate of Pixxaro A Herbicide per hectare in 50-200 L of water per hectare. Add Turbocharge Adjuvant (or a registered equivalent adjuvant) at 0.5% v/v. Apply to actively growing winter wheat from the 3-leaf stage to just prior to flag leaf emergence.

See weed species controlled under "Weeds Controlled or Suppressed by Pixxaro A Herbicide Alone". Apply when weeds are actively growing. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds.

Aerial Sprayer Application Directions
Apply the recommended rate of Pixxaro A Herbicide per hectare in a minimum spray volume of 30 L of water per hectare. Add Turbocharge Adjuvant (or a registered equivalent adjuvant) at 0.5% v/v. See weeds species controlled under "Weeds Controlled or Suppressed by Pixxaro A Herbicide Alone." Apply to actively growing spring wheat, spring barley and rye (fall and spring) from the 1 leaf stage to just prior to flag leaf emergence. In winter wheat apply from 3 leaf stage to just prior to flag leaf emergence. Apply when weeds are actively growing. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds.

Application Timing
Apply to actively growing weeds at the 1-8 leaf stage unless otherwise specified. Extreme growing conditions such as drought or near freezing temperature prior to, at or following time of application may reduce weed control and increase the risk of crop injury at all stages of growth. Only weeds which are emerged at the time of application will be affected. If foliage is wet at the time of application control may be decreased. Under conditions of low crop and high weed density, control may be reduced.

Applications of Pixxaro A Herbicide are rainfast within 1 hour of application.

Weeds Controlled or Suppressed by Pixxaro A Herbicide Alone at 308 mL/ha (1-8 leaf stage, unless otherwise specified, including Group 2 resistant biotypes)

<u>Weeds Controlled:</u>

- alfalfa, volunteer (top growth, up to 25 cm in height)♦
- barnyard grass (up to the 5-leaf, 2-tiller stage)
- American dragonhead (up to bud stage and 15 cm in height)
- buckwheat, wild
- chickweed
- cleavers (1-9 whorl stage)
- cow cockle (up to 8 leaf stage and 15 cm in height)
- flax, volunteer (up to 15 cm in height)
- fleabane, Canada (up to 15 cm in height)♦♦
- flixweed (up to 8 leaf & 8 cm in height)
- giant ragweed (up to the 8-leaf stage)♦♦
- hemp-nettle
- henbit (up to bud stage and 15 cm in height)
- kochia (up to 15 cm in height)
- lamb's-quarters
- nightshade species, (including eastern black, hairy and cutleaf, up to the 6-leaf stage)
- pigweed, redroot
- ragweed, common (up to 6-leaf stage)♦♦
- round-leaved mallow (up to the 6-leaf stage)
- shepherd's-purse (up to bolting & 20 cm in height)
- stork's-bill (up to the 8-leaf stage)
- velvetleaf (up to the 5-leaf stage)

Weeds Suppressed:
mustard, wild (1-4 leaf stage, up to 10 cm in height)
sow-thistle, annual (up to 5 leaf stage)
♦ provides top-growth control of emerged, actively growing plants. Regrowth, especially of established plants, might occur.
♦♦Including Group 2 and 9 resistant biotypes

Mixing Instructions for Pixxaro A Herbicide Alone
1. Fill sprayer tank 1/2 full of water.
2. Start sprayer tank agitation.
3. Add the required amount of Pixxaro A Herbicide.
4. Fill the sprayer tank with sufficient water to spray 30-200 L of spray mixture per hectare.
5. Add Turbocharge Adjuvant as the last ingredient at the rate of 0.5% v/v (5 L per 1000 L of spray volume).
6. Follow sprayer directions and precautions as outlined above, especially when applying next to sensitive crops (e.g. flax and legumes).
7. Follow sprayer clean-up directions.

Preharvest/Grazing Intervals
- Livestock may be grazed on treated crops 7 days following application.
- Do not harvest the treated crop within 60 days after application.
- Do not cut the treated crop for hay or silage within 21 days after application.

TANK MIXING PIXXARO A + OTHER TANKMIX PARTNERS

MIXING INSTRUCTIONS FOR TANK MIXING PIXXARO A HERBICIDE + OTHER TANK MIX PARTNERS
1. Begin to fill sprayer tank with clean water, and engage agitator. **Agitation must be continued throughout the entire mixing and spraying procedure.**
2. If including an annual grass control tankmix partner add it next. Agitate for 2-3 minutes.
3. When the sprayer is half full of water, add Pixxaro A Herbicide and agitate for 2-3 minutes.
4. If including MCPA ester or Curtail M Herbicide add it next. Agitate for 2-3 minutes.
5. Add Turbocharge Adjuvant at 0.5% v/v or adjuvant indicated in the below tables for the annual grass control product.
6. Agitate for 1-2 minutes before adding remainder of water and then maintain constant agitation.
7. After any break in spraying operations, agitate thoroughly before spraying again.
8. **Use the spray suspension as soon as it is prepared.**

TANK MIX COMBINATIONS – PIXXARO A HERBICIDE + MCPA ESTER HERBICIDE (e.g. plus M ESTER 600 Herbicide)

Crops Registered
spring wheat (including durum), winter wheat, spring barley and rye (fall and spring)

Field Sprayer Application Directions
Spring application (spring wheat, durum, barley, rye (fall and spring)and winter wheat): For control of a wide spectrum of broadleaf weeds apply Pixxaro A Herbicide tank mixed with MCPA ester (600 g ae/L) at 583-700 mL/ha in 50–200 L of water per hectare. Apply to actively growing wheat (spring, durum or winter), spring barley or rye (fall and spring) from the 3 leaf stage to just prior to flag leaf emergence. Apply when weeds are actively growing. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds.

Fall application (winter wheat only): For control of a wide spectrum of broadleaf weeds apply Pixxaro A Herbicide tank mixed with MCPA ester (600 g ae/L) at 583 mL/ha in 50–200 L of water per hectare. Apply when winter wheat is from the 3-leaf stage and weeds are actively growing. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds.

Aerial Sprayer Application Directions
Apply the recommended rate of Pixxaro A Herbicide per hectare tank mixed with MCPA ester (600 g ae/L) at 583-700 mL/ha in a minimum of 30 L of water per hectare for use in spring wheat (including durum),spring barley and rye (fall and spring) only.

Weeds Controlled or Suppressed by Pixxaro A Herbicide at 308 mL/ha + MCPA ester (600 g ae/L) at 583-700 mL/ha (up to 10 cm in height or diameter, unless otherwise specified, including Group 2 resistant biotypes)

Weeds Controlled:

alfalfa, volunteer (up to 25 cm in height)
barnyard grass (up to the 5-leaf, 2-tiller stage)
buckwheat, wild (1-8 leaf)
burdock (before the 4-leaf stage)
canola, volunteer (1-8 leaf)
chickweed (1-8 leaf)
cleavers (1-9 whorl)
cocklebur
flax, volunteer (up to 15 cm in height)
fleabane, Canada (up to 15 cm in height)♦♦
flixweed
hemp-nettle (1-8 leaf)
giant ragweed (up to the 8-leaf stage) ♦♦
kochia (up to 15 cm in height)
lamb's-quarters (1-8 leaf)
mustard, ball
mustard, wild
nightshade species, (including eastern black, hairy and cutleaf, up to the 6-leaf stage)
pigweed, redroot (1-8 leaf)♦
plantain, common
prickly lettuce
ragweed, common (up to 6-leaf stage)♦♦
ragweeds (false, giant)
round-leaved mallow (up to the 6-leaf stage)
shepherd's-purse(up to bolting & 20 cm in height)
sow-thistle, annual (up to 4 leaf stage)
stinkweed
stork's-bill (up to the 8-leaf stage)
velvetleaf (up to the 5-leaf stage)
vetch
wild radish
wild (annual) sunflower

Weeds Suppressed

dandelion (seedlings & over-wintered rosettes up to 30 cm in diameter)
field horsetail (up to 15 cm in height)
smartweed, annual (green smartweed, lady's thumb) ♦
sow-thistle, perennial (up to the 6-leaf stage)
thistle, Canada (up to the bolting stage, 30 cm in height)

♦For improved control of large weeds and/or heavy weed infestations, use the 700 mL/ha rates of MCPA
♦♦Including Group 2 and 9 resistant biotypes.

Mixing Instructions
See mixing Instructions for PIXXARO A HERBICIDE + MCPA ESTER HERBICIDE in section entitled MIXING INSTRUCTIONS FOR TANK MIXING PIXXARO A HERBICIDE+ OTHER TANKMIX PARTNERS.
Note: When tank mixing Pixxaro A Herbicide + MCPA an adjuvant is not required.

TANKMIX COMBINATIONS – PIXXARO A HERBICIDE + CURTAIL M HERBICIDE
Crops Registered
Spring wheat (including durum), winter wheat, spring barley

Field Sprayer Application Directions
For control of a wide spectrum of broadleaf weeds apply Pixxaro A Herbicide tank mixed with Curtail M Herbicide at 1.5 L/ha in 100 L of water per hectare. Apply to actively growing wheat or spring barley from the 3 leaf stage to just prior to flag leaf emergence. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds.

Weeds Controlled or Suppressed by Pixxaro A Herbicide at 308 mL/ha + Curtail M Herbicide at 1.5 L/ha (up to 10 cm in height or diameter, unless otherwise specified)

Weeds Controlled:

alfalfa, volunteer (up to 25 cm in height)
barnyard grass (up to the 5-leaf, 2-tiller stage)
buckwheat, wild (1-8 leaf)
burdock
canola, volunteer (1-8 leaf)
chickweed (1-8 leaf)
cleavers (1-9 whorl)
cocklebur
field horsetail (top growth)
flax, volunteer (up to 15 cm in height)
fleabane, Canada (up to 15 cm in height)♦
flixweed
giant ragweed (up to the 8-leaf stage)♦
hemp-nettle (1-8 leaf)
kochia (up to 15 cm in height)
lamb's-quarters (1-8 leaf)
mustard, ball
mustard, wild
nightshade species, (including eastern black, hairy and cutleaf, up to the 6-leaf stage)
pigweed, redroot (1-8 leaf)
plantain (top growth)
prickly lettuce
radish, wild
ragweed, common (up to 6 leaf stage)♦
round-leaved mallow (up to the 6-leaf stage)
shepherd's-purse (up to bolting & 20 cm in height)
sow-thistle, annual (up to 4 leaf stage)
stinkweed
stork's-bill (up to the 8-leaf stage)
sunflower, annual
sunflower, volunteer
thistle, Canada (up to 15 cm in height)
velvetleaf (up to the 5-leaf stage)
vetch

Weeds Suppressed

field horsetail (up to 15 cm in height)
sow-thistle, perennial, (up to 6-leaf stage)

♦Including Group 2 and 9 resistant biotypes

Mixing Instructions
See mixing Instructions for PIXXARO A HERBICIDE + CURTAIL M HERBICIDE in section entitled MIXING INSTRUCTIONS FOR TANK MIXING PIXXARO A HERBICIDE+ OTHER TANKMIX PARTNERS.
Note: When tank mixing Pixxaro A Herbicide+ Curtail M Herbicide an adjuvant is not required.

TANK MIX COMBINATIONS – PIXXARO A HERBICIDE + OTHER HERBICIDES FOR ANNUAL GRASS CONTROL FOR USE IN THE PRAIRIE PROVINCES AND THE PEACE RIVER REGION OF BRITISH COLUMBIA ONLY (except for Puma Advance Herbicide or Puma Advance EC Herbicide which can be used on spring wheat and spring barley in Eastern Canada)
For control of annual grasses (see table below) tank mix Pixxaro A Herbicide with the following graminicides. Refer to the above table for broadleaved weeds controlled or suppressed with Pixxaro A Herbicide.

Tank Mix Combinations with Pixxaro A Herbicide for Annual Grass Control

Tank Mix Partner	Crops Registered	Rate/ha	Adjuvant and Rate	Additional Weeds Controlled
Simplicity GoDRI Herbicide	spring wheat, durum wheat, winter wheat fall rye spring rye	70 g/ha	Agral 90, AgSurf or Surf 92 at 0.25 v/v	wild oats, barnyard grass, Japanese brome, yellow foxtail, green foxtail, downy brome

Simplicity	spring wheat, durum wheat	500 mL/ha	Agral 90, AgSurf or Surf 92 at 0.25 v/v	wild oats, barnyard grass, Japanese brome, yellow foxtail, green foxtail, downy brome
Liquid Achieve SC Herbicide	spring wheat, durum wheat, spring barley	0.5 L/ha	Turbocharge Adjuvant at 0.5% v/v	wild oats, green foxtail, yellow foxtail, barnyard grass, volunteer oats, Persian darnel
Axial 100EC Herbicide	spring wheat, spring barley	0.6 L/ha	Adigor Adjuvant at 0.7 L/ha	wild oats, green foxtail, yellow foxtail, barnyard grass, volunteer oats, volunteer canary seed, proso millet
Axial Herbicide	spring wheat, spring barley	1200 mL/ha	Not required	wild oats, green foxtail, yellow foxtail, barnyard grass, volunteer oats, volunteer canary seed, proso millet
Horizon NG Herbicide	spring wheat, durum wheat	0.93 L/ha	None required	wild oats, green foxtail, yellow foxtail, barnyard grass, volunteer oats, volunteer canary seed
Puma Advance Herbicide or Puma Advance EC Herbicide	spring wheat, durum wheat, spring barley	1.02 L/ha	None required	wild oats, green foxtail, yellow foxtail, barnyard grass
Traxos Herbicide	spring wheat, durum wheat	1.2 L/ha	None required	wild oats, green foxtail, yellow foxtail, barnyard grass, volunteer oats, volunteer canary seed, proso millet, Persian darnel

Mixing Instructions
See mixing Instructions for PIXXARO A HERBICIDE + OTHER HERBICIDES FOR ANNUAL GRASS CONTROL in section entitled MIXING INSTRUCTIONS FOR TANK MIXING PIXXARO A + OTHER TANK MIX PARTNERS.

TANK MIX COMBINATIONS WITH PIXXARO A HERBICIDE + MCPA ESTER (e.g. plus M ESTER 600 Herbicide) OR CURTAIL M HERBICIDE + OTHER HERBICIDES FOR ANNUAL GRASS CONTROL

Tank Mix Partner	Crops Registered	Rate/ha	Adjuvant and Rate	Additional Weeds Controlled
Simplicity GoDRI Herbicide	spring wheat, durum wheat, winter wheat fall rye spring rye	70 g/ha	Agral 90, AgSurf or Surf 92 at 0.25 v/v	wild oats, barnyard grass, Japanese brome, yellow foxtail, green foxtail, downy brome, spreading atriplex (up to bud stage and 15 cm in height) **Suppression** of field violet (up to 6 leaf stage and 10 cm in size)
Simplicity	spring wheat, durum wheat	500 mL/ha	Agral 90, AgSurf or Surf 92 at 0.25 v/v	wild oats, barnyard grass, Japanese brome, yellow foxtail, green foxtail, downy brome
Liquid Achieve SC Herbicide	spring wheat, durum wheat, spring barley	0.5 L/ha	Turbocharge Adjuvant at 0.5% v/v	wild oats, green foxtail, yellow foxtail, barnyard grass, volunteer oats, Persian darnel
Axial 100 EC Herbicide	spring wheat, spring barley	0.6 L/ha	Adigor Adjuvant at 0.7 L/ha	wild oats, green foxtail, yellow foxtail, barnyard grass, volunteer oats, volunteer canary seed, proso millet
Axial Herbicide	spring wheat, spring barley	1200 mL/ha	Not required	wild oats, green foxtail, yellow foxtail, barnyard grass, volunteer oats, volunteer canary seed, proso millet

Horizon NG Herbicide	spring wheat, durum wheat	0.93 L/ha	None required	wild oats, green foxtail, yellow foxtail, barnyard grass, volunteer oats, volunteer canary seed
Puma Advance Herbicide or Puma Advance EC Herbicide	spring wheat, durum wheat, spring barley	1.02 L/ha	None required	wild oats, green foxtail, yellow foxtail, barnyard grass
Traxos Herbicide	spring wheat, durum wheat	1.2 L/ha	None required	wild oats, green foxtail, yellow foxtail, barnyard grass, volunteer oats, volunteer canary seed, proso millet, Persian darnel

Mixing Instructions
See mixing Instructions for PIXXARO A HERBICIDE + MCPA ESTER **(e.g. plus M ESTER 600 Herbicide)** OR CURTAIL M HERBICIDE + OTHER HERBICIDES FOR ANNUAL GRASS CONTROL in section entitled MIXING INSTRUCTIONS FOR TANK MIXING PIXXARO A HERBICIDE+ OTHER TANKMIX PARTNERS.

The DIRECTIONS FOR USE: For the uses described in this section of the label were developed by persons other than Corteva Agriscience Canada Company under the User Requested Minor Use Label Expansion program. For these uses, Corteva Agriscience Canada Company has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

TIMOTHY

Host(s):	Seedling and established timothy for seed production only
Pest(s):	Labeled weeds
Rate:	Pixxaro A Herbicide at 308 mL/ha + MCPA ester (600 g ae/L) at 583-700 mL/ha in 50-200 L/ha of water for ground application Pixxaro A Herbicide at 308 mL/ha + MCPA ester (600 g ae/L) at 583-700 mL/ha in 30 L/ha of water for aerial application
Application:	Apply Pixxaro A Herbicide at 308 mL/ha + MCPA ester (600 g ae/L) at 583-700 mL/ha in 50-200 L/ha of water for ground application or Pixxaro A Herbicide at 308 mL/ha + MCPA ester (600 g ae/L) at 583-700 mL/ha in 30 L/ha of water for aerial application. DO NOT apply more than 1 application per year. Preharvest interval: 60 days.
Timing:	Apply in the spring on seedling or established timothy (seed production only) when weeds are actively growing at the 1 – 8 leaf stage. DO NOT cut treated fields for hay/forage. DO NOT graze treated fields. DO NOT feed seed screenings and aftermath to livestock.

SPRAY BUFFER ZONES
A spray buffer zone is NOT required for:
- Uses with hand-held application equipment permitted on this label,
- low clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Spray Buffer Zone Table for Sprays of ASABE COARSE CLASSIFICATION

Method of application	Crop/Site		Spray Buffer Zones (metres) Required for the Protection of:				
			Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths*:		Terrestrial Habitat:
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Wheat (spring, durum, winter), barley (spring), timothy, rye		1	1	1	0	2
Aerial	Wheat (spring, durum, winter), barley (spring), timothy, rye	Fixed wing	5	1	1	0	100
		Rotary wing	5	1	1	0	75

*Spray buffer zones for the protection of estuarine/marine habitats are not applicable for uses registered only in the Prairie provinces (Manitoba, Saskatchewan, Alberta) and the interior of British Columbia.

When tank mixes are permitted, consult the labels of the tank mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASABE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product for conventional application equipment can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Drift Mitigation portion of the Canada.ca website.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, Pixxaro A Herbicide is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to Pixxaro A Herbicide and other Group 4 herbicide. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of Pixxaro A Herbicide or other Group 4 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, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.

- Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting 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 or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Corteva Agriscience Canada Company at 1-800-667-3852 or www.corteva.com.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

031025

Label Code: CN-31303-019-E
Replaces: CN-31303-018-E

Specimen Label Notes:
Add rye

plus M™ Ester 600 Herbicide

GROUP	4	HERBICIDE

For use in wheat, barley, rye, oats, flax (do not use on low linolenic acid varieties), pastures, roadside and non-cropland areas.

COMMERCIAL (AGRICULTURAL)

READ THE LABEL AND BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENT: MCPA, present as 2-ethylhexyl ester.....600 g /L

Emulsifiable concentrate

REGISTRATION NO. 29622 PEST CONTROL PRODUCTS ACT

WARNING – POISON

NET CONTENTS: 1L – 450 L

Corteva Agriscience Canada Company
Suite 240, 115 Quarry Park Rd. SE
Calgary, AB
T2C 5G9
1-800-667-3852

PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN. Harmful or fatal if swallowed. Avoid contact with skin, eyes, and clothing. Wash concentrate from skin or eyes IMMEDIATELY. After use, wash hands and other exposed skin. Avoid breathing spray mist.

Do not use in residential areas, which are defined as sites where bystanders may be present during or after spraying, including homes, schools, parks, playgrounds, playing fields and public buildings.

Apply only when the potential for drift to areas of human habitation and areas of human activity such as houses, cottages, schools, and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

PROTECTIVE CLOTHING AND EQUIPMENT
Handling the concentrate (mixing and loading)
Wear a long-sleeved shirt, long pants, socks, shoes, and chemical-resistant gloves. Rinse gloves before removal.

Handling the dilute spray solution (during application or repairing or cleaning equipment)
Wear a long-sleeved shirt, long pants, socks, shoes, and chemical-resistant gloves. Rinse gloves before removal. Applicators using a closed cab are not required to wear chemical resistant gloves.

Worker Reentry - DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

FIRST AID
Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.
I**f swallowed:** Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.
If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.
If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION
DO NOT induce vomiting. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. No specific antidote. Employ supportive care. Treatment should be based on judgement of the physician in response to reactions of the patient. High concentrations of MCPA may cause severe irritation to the eyes. Symptoms of overexposure to MCPA could include slurred speech, twitching, jerking and spasms, drooling, low-blood pressure and unconsciousness. Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS
Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE. This product contains aromatic petroleum distillates which are toxic to aquatic organisms.

Surface Runoff
To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

Leaching
This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

STORAGE
Store this product away from food or feed. Store the container tightly closed away from seeds, fertilizer, plants, and foodstuffs. May be stored at any temperature. SHAKE WELL BEFORE USING.

DISPOSAL
Recyclable Containers
Do not reuse this container for any purpose. This is a recyclable container and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial/ territorial requirements.

Refillable Containers
For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

Returnable Containers
Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/ territorial regulatory agency. Contact the manufacturer and the provincial/ territorial regulatory agency in case of a spill, and for clean-up of spills.

DIRECTIONS FOR USE
As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

GENERAL USE PRECAUTIONS
- plus M Ester 600 Herbicide may cause damage to susceptible crop, ornamental, and other plants, even in minute quantities.
- Avoid spray drift to any desirable vegetation. Coarse sprays are less likely to drift. Do not spray during periods of high winds.
- Do not permit lactating dairy animals to graze fields within 7 days after application.
- Withdraw meat animals from treated fields at least 3 days before slaughter.
- Do not harvest forage or cut hay within 7 days after application.

MIXING

Shake well before using. To ensure even mixing, half fill the sprayer tank with clean water, add the required amount of plus M Ester 600 Herbicide and agitate thoroughly. Add the remainder of the water and agitate before spraying. If the spray solution has been left standing, agitate thoroughly before use. Wash sprayer thoroughly after use.

EQUIPMENT AND SPRAY VOLUME

Field Sprayer Application

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) coarse classification. Boom height must be 60 cm or less above the crop or ground.

Aerial Application

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply when wind speed is greater than 16 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) coarse classification. Reduce drift caused by turbulent wingtip vortices. Nozzle distributions along the spray boom length MUST NOT exceed 65% of the wingspan or rotorspan.

TANK MIXES

This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Corteva Agriscience Canada Company at 1-800-667-3852 or www.corteva.ca for information before applying any tank mix that is not specifically recommended on this label.

CROPS, TIMING, RATES AND METHODS OF APPLICATION

Use the rate required to control the weeds present. To minimize the risk of crop injury, do not exceed the recommended rate listed for the crop. Higher rates may be required to control certain weed species. Rates above those recommended for a crop may result in significant crop injury and should only be used when the risk of crop injury will be offset by the benefits of enhanced weed control. Apply in warm weather when the crop and weeds are growing well, and the weeds are at a susceptible stage. Avoid application during drought conditions or during exceptionally hot weather.

Crop	Application Time	Method	Recommended Rate Per Hectare
Spring cereals (wheat, barley, rye, oats), not underseeded with legumes	From the 3-leaf expanded to the early flag-leaf stage (wheat, barley, rye) From the 1-leaf expanded to the early flag-leaf stage (oats) From milk stage to maturity (wheat, barley, rye) Do not apply more than one treatment per year.	Ground or aerial application	Up to 1.05 L for wheat, barley and rye Up to 900 mL for oats

Winter cereals (winter wheat, fall rye)	In spring, from full tillering to the shot blade stage Do not apply during and after the flag-leaf stage. Do not apply to seedling winter cereals in the fall. Do not apply more than one treatment per year.	Ground application only	Up to 1.05 L
Flax (Do not use on low linolenic acid varieties)	When flax is between 5 cm in height to before bud stage To minimize crop injury, spray at early growth stages, in the evening, and use higher water volumes. Do not apply more than one treatment per year.	Ground or aerial application	Up to 700 mL Caution: Early crop injury may be observed, but yield should not be affected.
Established grasses and legumes (alfalfa, alsike and red clover)	For control of susceptible winter annual and perennial weeds, spray in the very early spring, before growth of the forages has commenced. In pure stands of grasses, applications may be made in the fall. Do not apply more than two treatments per year, with a minimum retreatment interval of 90 days.	Ground application only	Up to 1.65 L
Pasture (without legumes) and uncropped land	Apply at a time of rapid growth, usually May, June and/or September. Spray thoroughly using 100 to 300 litres of water per hectare. Use the higher rate for perennial weeds; a second treatment may be required. Cultivating grain stubble and spraying after regrowth may aid in control. Do not apply in freshly seeded grasses and pastures until well established. Under conditions of good growth and adequate soil moisture, sprays can be applied up to 2 weeks before normal frost time. For stubble land and pastures a maximum of 2 applications is permitted per season followed by a minimum retreatment interval of 21 days for stubble land and 90 days for pastures.	Ground or Aerial application (Aerial application for use **ONLY** in pastures without legumes, stubble land, roadsides and uncropped land) For spot treatment of roadside and uncropped land using high-pressure handwands, do not exceed 900 litres of “ready to use” solution (equivalent to 15 L of product.) per day per individual applicator. For application using handheld equipment, use a maximum concentration of 165 mL of plus M Ester 600 Herbicide in 10 L of spray solution.	Up to 2.8 L

		For broadcast treatment of roadside and uncropped land, a maximum of 2 applications are permitted per season, with a minimum retreatment interval of 21 days.	

CONTROL OF WOODY GROWTH IN NON-GRAZED AREAS
Apply at time of rapid growth, usually May, June and/or September. For broadcast treatment apply 1.8 to 2.8 litres of product in 100 to 1000 litres of water per hectare. For spot treatment do not exceed 5.6 L/ha. Use the lower rate for species that are more susceptible such as chokecherry, western snowberry and willow. Spray brush species up to 3 metres tall after foliage is well developed. Applications soon after leaves are fully open usually give the best results. Apply sufficient spray volume to thoroughly wet all plant parts to the ground line. Brush or trees above 3 metres tall should be cut close to the ground and sprayed when the regrowth is over 0.6 m tall. With good growing conditions and adequate soil moisture, sprays may be applied up to 2 to 3 weeks before normal frost time. To reduce potential drift hazard, a drift control agent may be added. Follow directions on the drift control agent label for the correct mixing sequence.

Ground or Aerial Application
For broadcast treatment of woody growth, a maximum of 2 applications are permitted per season, with a minimum retreatment interval of 21 days.

WEEDS CONTROLLED
(DO NOT exceed the rates given for each specific crop identified in the CROPS, TIMING, RATES AND METHODS OF APPLICATION section)

Susceptible Weeds
Burdock (before the 4-leaf stage), Cocklebur, Plantain, Flixweed♦, Lamb's-quarters, Mustards (except Dog and Tansy), Prickly lettuce, Ragweeds, Russian pigweed♦, Shepherd's-purse♦, Stinkweed, Vetch, Wild radish, Wild (annual) sunflower.

♦Use the higher rate in the rate range.

Rates to Control Susceptible Weeds
Small seedlings, good growing conditions: 580 mL/ha.
Large weeds, dry or cold weather, heavy infestations: 900 mL/ha.
Resistance increases with age.

Harder to Control Weeds
Annual sow-thistle, Biennial wormwood, Blue lettuce♦, Bluebur, Canada thistle♦, Corn spurry♦, Curled dock, Dandelion, Dog mustard, Field bindweed♦, Field Horsetail♦, Field pepper-grass, Goat's-beard, Gumweed, Hairy galinsoga, Hedge bindweed♦, Hemp-nettle (before the 4-leaf stage), Hoary cress♦, Kochia, Lady's thumb♦, Leafy spurge♦, Oak-leaved goosefoot, Perennial sow-thistle♦, Purslane, Redroot pigweed, Russian knapweed♦, Russian-thistle, Smartweed♦, Sweet clover (seedling), Tansy mustard, Tartary buckwheat.

♦Top growth control.

Rates for Harder to Control Weeds
Small seedlings, good growing conditions: 1.05 L/ha.
Large weeds, dry or cold weather, heavy infestations: 1.50 L/ha.
Resistance increases with age.

GENERIC AERIAL APPLICATION LABEL INSTRUCTIONS
Directions for Use
Apply only by fixed wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices. No human flaggers are permitted.

Use Precautions
Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the *National Aerial Pesticide Application Manual*, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Operator Precautions
Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Mixer/loader and applicator must be different individuals. Aircraft must be closed cab. Loading of premixed chemicals with a closed system is permitted. It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear long-sleeved shirt, long pants and coveralls, chemical resistant gloves and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

Product Specific Precautions
Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-800-667-3852 or obtain technical advice from the distributor or your provincial agricultural representative.

Application of this specific product must meet and/or conform to the following:
Apply in 50 to 200 litres of water per hectare by ground equipment unless otherwise indicated. Higher water volumes will reduce the risk of crop injury.

Apply in a minimum of 30 litres of water per hectare by aerial equipment.
Use spray nozzles and pressures that deliver a medium to coarse quality spray.
Avoid generating fine, driftable droplets.

For knapsack, spot treatment applications, mix 165 mL of product in 10 L water. Spray to wet all foliage thoroughly.

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Corteva Agriscience Canada Company under the User Requested Minor Use Label Expansion program. For these uses, Corteva Agriscience Canada Company has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

TIMOTHY

Host(s):	Seedling and established timothy for seed production only
Pest(s):	Labeled weeds
Rate:	Plus M Ester 600 Herbicide at 583-700 mL/ha + Pixxaro A Herbicide at 308 mL/ha in 50-200 L/ha of water for ground application Plus M Ester 600 Herbicide at 583-700 mL/ha + Pixxaro A Herbicide at 308 mL/ha in 30 L/ha of water for aerial application
Application:	Apply plus M Ester 600 Herbicide at 583-700 mL/ha + Pixxaro A Herbicide at 308 mL/ha in 50-200 L/ha of water for ground application or plus M Ester 600 Herbicide at 583-700 mL/ha + Pixxaro A Herbicide at 308 mL/ha in 30 L/ha of water for aerial application. DO NOT apply more than 1 application per year. Preharvest interval: 60 days.
Timing:	Apply in the spring on seedling or established timothy (seed production only) when weeds are actively growing at the 1 – 8 leaf stage.

Weeds controlled:	alfalfa, volunteer (up to 25 cm in height) buckwheat, wild (1-8 leaf) burdock (before the 4-leaf stage) canola, volunteer (1-8 leaf) chickweed (1-8 leaf) cleavers (1-9 whorl) cocklebur flax, volunteer (up to 15 cm in height) fleabane, Canada (up to 15 cm in height)♦♦ flixweed hemp-nettle (1-8 leaf) giant ragweed (up to the 8-leaf stage) ♦♦ kochia (up to 15 cm in height) lamb's-quarters (1-8 leaf) mustard, ball mustard, wild	nightshade species, (including eastern black, hairy and cutleaf, up to the 6-leaf stage) pigweed, redroot (1-8 leaf)♦ plantain, common prickly lettuce ragweed, common (up to 6-leaf stage)♦♦ ragweeds (false, giant) round-leaved mallow (up to the 6-leaf stage) shepherd's-purse(up to bolting & 20 cm in height) sow-thistle, annual (up to 4 leaf stage) stinkweed stork's-bill (up to the 8-leaf stage) velvetleaf (up to the 5-leaf stage) vetch wild radish wild (annual) sunflower
Weeds suppressed:	dandelion (seedlings & over-wintered rosettes up to 30 cm in diameter) field horsetail (up to 15 cm in height) smartweed, annual (green smartweed, lady's thumb) ♦ sow-thistle, perennial (up to the 6-leaf stage) thistle, Canada (up to the bolting stage, 30 cm in height)	

♦For improved control of large weeds and/or heavy weed infestations, use the 700 mL/ha rates of MCPA
♦♦Including Group 2 and 9 resistant biotypes.

Comments:	DO NOT cut treated fields for forage/hay. DO NOT graze treated fields. DO NOT feed seed screenings and aftermath to livestock.

SPRAY BUFFER ZONES

A spray buffer zone is NOT required for:

- uses with hand-held application equipment permitted on this label.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats, (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, rangelands, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands) and estuarine/marine habitats.

Method of Application	Crop		Spray Buffer Zones (metres) Required for the Protection of:				
			Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial Habitat
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field Sprayer	Cereals, flax, grasses, legumes, stubble, roadsides, uncropped land and woody growth, timothy		1	1	1	1	4
Aerial	**Terrestrial Food and Feed Crops**						
	Cereals, flax, timothy	Fixed	1	0	1	0	60
		Rotary wing	1	0	1	0	50
	Pastures, stubble	Fixed	5	1	1	1	100
		Rotary wing	4	1	1	1	80
	Non-crop Uses						
	Roadsides, uncropped land, woody growth	Fixed	30	1	20	1	200
		Rotary wing	20	1	10	1	100

When tank mixes are permitted, consult the labels of the tank-mix partners, and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, plus M Ester 600 Herbicide is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to plus M Ester 600 Herbicide and other Group 4 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but

specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of plus M Ester 600 Herbicide or other Group 4 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, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting 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 or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Corteva Agriscience Canada Company at 1-800-667-3852 or at www.corteva.ca.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

030724

Label Code: CN-29622-007-E
Replaces: CN-29622-006-E

Specimen Notes:
Updated tank mix general statement and address