

2024-1378
2024-06-04

(Base)

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| GROUP | 4 | HERBICIDE |
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FLUROXYPYR EC HERBICIDE

**FOR SALE FOR USE ONLY IN THE PRAIRIE PROVINCES,
PEACE RIVER REGION AND INTERIOR OF BRITISH COLUMBIA**

For postemergent control of annual broadleaved weeds including cleavers and certain ALS-resistant broadleaved weeds such as kochia in spring wheat, durum wheat, and spring barley. FLUROXYPYR EC HERBICIDE will also suppress hemp-nettle, common chickweed and wild buckwheat.

COMMERCIAL

ACTIVE INGREDIENT: fluroxypyr..... 348 g /L (present as 1-methylheptyl ester)

REGISTRATION NO. 30389 _____ PEST CONTROL PRODUCTS ACT

**WARNING – EYE and SKIN IRRITANT
CONTAINS PETROLEUM DISTILLATE**

**READ THE LABEL AND ATTACHED BOOKLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN**

NET CONTENTS : 0.5 L to bulk _____

**UPL AgroSolutions Canada Inc.
PO Box 12219
Research Triangle Park, NC 27709**

Product Information: 1-800-438-6071

FOR CHEMICAL EMERGENCY: spill, leak,
fire, exposure, or accident call CHEMTREC
1-800-424-9300.

2019-4520

Proposed label August XX, 2021

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

CAUTION - HARMFUL IF SWALLOWED.

**CAUTION – CAUSES MODERATE EYE IRRITATION.
AVOID CONTACT WITH EYES, SKIN OR CLOTHING.**

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Chemical handlers must wear shoes plus socks and clean, body-covering coveralls or a long-sleeved shirt and long pants and chemical resistant gloves. Rinse gloves before removal. In addition, during mixing and loading, and clean-up and repair, wear goggles or face shield

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Follow manufacturer's instructions for cleaning/maintaining protective clothing. If no such instructions for washables exist, use detergent and hot water. Keep and wash protective clothing separately from other laundry.

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Wash the outside of gloves before removing.

Do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 24 hours.

Do not apply using aerial application equipment.

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 to areas of human habitation or 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

Important: Read these entire DIRECTIONS FOR USE and the NOTICE TO USER statement before using Fluroxypyr EC Herbicide.

| FIRST AID | |
|----------------------|---|
| IF 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 | Take off contaminated clothing. Rinse skin immediately with |

| | |
|---|---|
| CLOTHING: | plenty of water for 15-20 minutes. Call a poison control center or doctor for 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 five minutes, then continue rinsing eye. Call a poison control center 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 center or doctor for further treatment advice. |
| Take container, label or product name and Pest Control Product Registration Number with you when calling a poison control center or doctor, or going for treatment. | |

TOXICOLOGICAL INFORMATION

This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Treatment should be based on judgment of the physician in response to reactions of the patient.

ENVIRONMENTAL PRECAUTIONS:

TOXIC to non-target terrestrial plants and aquatic organisms. Observe 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 strip between the treated area and the edge of the water body.

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

STORAGE

To prevent contamination, store this product away from food or feed. Do not ship or store with drugs or clothing. Store in a dry place above 10°F or warmer and agitate before use to ensure any crystallization that may have occurred re-dissolves. Prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage.

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DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

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| <p>FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.</p> |
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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.

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(Booklet)

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For postemergent control of annual broadleaved weeds including cleavers and certain ALS-resistant broadleaved weeds such as kochia in spring wheat, durum wheat, and spring barley. FLUROXYPYR EC HERBICIDE will also suppress hemp-nettle, common chickweed and wild buckwheat.

COMMERCIAL

ACTIVE INGREDIENT: fluroxypyr..... 348 g /L (present as 1-methylheptyl ester)

REGISTRATION NO. 30389 **PEST CONTROL PRODUCTS ACT**

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CONTAINS PETROLEUM DISTILLATE**

**READ THE LABEL AND BOOKLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN**

NET CONTENTS : 0.5 L to bulk

**UPL AgroSolutions Canada Inc.
630 Freedom Business Center, Suite 402
King of Prussia, PA 19406**

Product Information: 1-800-438-6071

FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

2019-4520

Proposed label August XX, 2021

**PRECAUTIONSKEEP OUT OF REACH OF
CHILDREN.**

CAUTION - HARMFUL IF SWALLOWED.

**CAUTION – CAUSES MODERATE EYE IRRITATION.
AVOID CONTACT WITH EYES, SKIN OR CLOTHING.**

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Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Chemical handlers must wear shoes plus socks and clean, body-covering coveralls or a long-sleeved shirt and long pants and chemical resistant gloves. Rinse gloves before removal. In addition, during mixing and loading, and clean-up and repair, wear goggles or face shield

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Follow manufacturer's instructions for cleaning/maintaining protective clothing. If no such instructions for washables exist, use detergent and hot water. Keep and wash protective clothing separately from other laundry.

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Wash the outside of gloves before removing.

Do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 24 hours.

Do not apply using aerial application equipment.

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 to areas of human habitation or 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

Important: Read these entire DIRECTIONS FOR USE and the NOTICE TO USER statement before using Fluroxypyr EC Herbicide.

| FIRST AID | |
|--------------------------------|---|
| IF 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 center or doctor for 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 five minutes, then |

| | |
|---|---|
| | continue rinsing eye. Call a poison control center 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. |
| Take container, label or product name and Pest Control Product Registration Number with you when calling a poison control center or doctor, or going for treatment. | |

TOXICOLOGICAL INFORMATION

This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Treatment should be based on judgment of the physician in response to reactions of the patient.

ENVIRONMENTAL PRECAUTIONS

TOXIC to non-target terrestrial plants and aquatic organisms. Observe 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 strip between the treated area and the edge of the water body.

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

STORAGE

To prevent contamination, store this product away from food or feed. Do not ship or store with drugs or clothing. Store in a dry place above 10°F or warmer and agitate before use to ensure any crystallization that may have occurred re-dissolves. Prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.

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3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure, or
accident call CHEMTREC 1-800-424-9300.**

GENERAL INFORMATION

FLUROXYPYR EC HERBICIDE is selective postemergent herbicide for the control of annual broadleaved weeds in spring wheat, durum wheat and spring barley, not underseeded with legumes. FLUROXYPYR EC HERBICIDE controls hard to kill annual broadleaved weeds such as kochia (including ALS resistant biotypes) and cleavers. FLUROXYPYR EC HERBICIDE will also provide suppression of hemp-nettle, chickweed, and wild buckwheat.

SPRAY EQUIPMENT

For specific application equipment, refer to the manufacturer's recommendations for additional information on spray volume, pressure, speed, nozzle types and arrangements, nozzle heights above the target canopy, etc.

Be sure to calibrate ground equipment properly before application. Select a spray volume and delivery system that will ensure thorough coverage and a uniform spray pattern with minimum drift. Use higher spray volumes to obtain better coverage when crop canopy is dense. Avoid swath overlapping, and shut off spray booms while starting, turning, slowing, or stopping, to avoid injury to the crop. Do not make applications using equipment and/or spray volumes or during weather conditions that might cause spray to drift onto non-target sites.

SPRAYER CLEANUP

The spray equipment must be cleaned before FLUROXYPYR EC HERBICIDE is sprayed. Follow the cleanup procedures specified on the labels of the previously applied products. If no directions are provided, follow the steps outlined below.

It is recommended that during periods when multiple loads of FLUROXYPYR EC HERBICIDE are applied, at the end of each day of spraying, the interior of the tank be rinsed with fresh water and then partially filled, and the boom and hoses flushed. This will prevent the buildup of dried pesticide deposits, which can accumulate in the application equipment.

Clean sprayer using the following procedures:

1. Drain the tank and thoroughly rinse spray tank, boom and hoses with clean water especially all visible deposits.
2. Fill the tank with water and add household ammonia to make a 1% v/v solution (1 litre/100 litres). Flush the hoses, boom and nozzles with the cleaning solution.

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Circulate for at least 15 minutes. Flush hoses, boom and nozzles once more and then drain the tank.

3. Clean nozzles and screens in a separate container using the 1% v/v solution of ammonia and water.
4. Repeat Step 2.
5. Rinse tank and flush boom and hoses with clean water.

Do not clean sprayer near desirable vegetation, wells or other water sources:

1. Dispose of all rinsate in accordance with pertinent regulations.
2. Check tank mix partner label for any additional clean-up procedures.

GENERAL USE PRECAUTIONS

Injury to or loss of adjacent sensitive crops, desirable trees, or vegetation may result from failure to observe the following:

Do not apply directly to, or otherwise come in contact with susceptible crops or desirable plants including, but not limited to, alfalfa, canola, lettuce, edible beans, grapes, lentils, mustard, peas, potatoes, radishes, soybeans, sugar beets, sunflowers, tomatoes, tobacco, flowers or ornamental plants.

Do not apply, drain or flush equipment on or near desirable trees or other plants or on areas where their roots may extend, or in locations where the chemical may be washed or moved in to contact with their roots.

Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of spray to desirable plants.

Take all necessary precautions to avoid all direct or indirect contact (such as spray drift) with non-target plants or areas.

Do not contaminate irrigation ditches or water used for domestic purposes.

Carefully observe all sprayer cleanup instructions both prior to and after using this product, as spray tank residue may damage crops other than those listed on this label.

Fields previously treated with FLUROXYPYR EC HERBICIDE can be seeded the following year to barley, canola, flax, forage grasses, lentils, mustard, oats, peas, rye or wheat or fields can be summerfallowed.

Frost before application (3 days) or shortly after (3 days) may reduce weed control and crop tolerance.

Do not apply this product with any other additive, pesticide or fertilizer except as specifically recommended on this label. When a tank mixture is used, consult the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

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Do not apply through any type of irrigation system.

DO NOT APPLY USING AERIAL APPLICATION EQUIPMENT.

To Reduce Spray Drift:

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

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 UNDERSEEDDED 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 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.

Buffer zones:

Spot treatments using hand-held equipment **DO NOT** require a buffer zone.

The 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.

| Method of application | Crop | Buffer Zones (metres) Required for the Protection of: | | | | |
|-----------------------|--|---|-----------------|-------------------------------------|-----------------|---------------------|
| | | Freshwater Habitat of Depths: | | Estuarine/Marine Habitat of Depths: | | Terrestrial Habitat |
| | | Less than 1m | Greater than 1m | Less than 1m | Greater than 1m | |
| Field sprayer | Spring wheat, durum wheat, spring barley | 1 | 0 | 1 | 1 | 1 |

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) 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 buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the [Buffer Zone Calculator](#) on the Pesticides portion of the Canada.ca website.

APPLICATION TO WHEAT (SPRING, DURUM) AND BARLEY (SPRING)

Apply as a broadcast postemergence treatment to actively growing spring wheat, durum wheat or spring barley from the 2 leaf crop stage of growth up to and including initiation of stem elongation for control of broadleaf weeds. Apply when weeds are small and actively growing. Only weeds emerged at the time of application will be controlled. Extreme growing conditions such as drought or near freezing temperatures prior to, at, and following the time of application may reduce weed control and increase risk of crop injury at all stages of growth. **Do not use if cereal crop is underseeded with a legume.** Foliage that is wet at the time of application may decrease control of targeted weeds. Applications of FLUROXYPYR EC HERBICIDE are rain-fast within 1 hour after application. Under conditions of low crop and high weed density, control may be reduced.

Preharvest/Grazing Intervals

Livestock may be grazed on treated crops 3 days following application. Do not harvest the treated crop within 60 days after application.

FLUROXYPYR EC HERBICIDE APPLIED ALONE

Apply FLUROXYPYR EC HERBICIDE for postemergent control of cleavers and kochia, including ALS resistant kochia and other broadleaved weeds infesting spring wheat, durum wheat and spring barley. See Table 1 for weeds controlled/suppressed and application rates.

Table 1: Weeds Controlled or Suppressed by FLUROXYPYR EC HERBICIDE alone

| Weeds Controlled | Fluroxypyr EC Herbicide Rate (mL/ha) |
|-----------------------|--------------------------------------|
| Cleavers (1-4 whorls) | 207 |

| | |
|--------------------------------|---|
| Kochia * (2-8 leaf) | 302 |
| Round-leaved mallow (1-6 leaf) | 414 |
| Volunteer flax (1-12 cm) | 302 |
| Weeds Suppressed | Fluroxypyr EC Herbicide Rate (mL/ha) |
| Chickweed * (up to 8 cm) | 414 |
| Hempnettle (2-6 leaf) | 414 |
| Stork's -bill (1-8 leaf) | 302 |
| Wild buckwheat (1-4 leaf) | 414 |

* Including biotypes resistant to Group 2 herbicides that inhibit the ALS enzyme

NOTE: FLUROXYPYR EC HERBICIDE activity is influenced by weather conditions. Optimum activity required active crop and weed growth. The temperature range for optimum activity is 12°C to 24°C. Reduced activity will occur when temperatures are below 8°C or above 27°C. Frost before application (3 days) or shortly after (3 days) may reduce weed control and crop tolerance. Weed control may be reduced during stress conditions, e.g. drought, heat or cold stress, or if weeds have initiated flowering, or if heavy infestations exist.

TANK MIXTURES

FLUROXYPYR EC HERBICIDE + ACHIEVE LIQUID HERBICIDE

For control of wild oats and green foxtail in spring wheat, durum wheat, and spring barley, apply 0.5 L/ha of Achieve Liquid with FLUROXYPYR EC HERBICIDE. Refer to the above table for rates and broadleaved weeds controlled or suppressed with FLUROXYPYR EC HERBICIDE. Read both product labels thoroughly for more information on precautions and additional directions for use. To control additional broadleaved weeds, tank mix with either 2,4-D Ester or MCPA Ester up to a maximum of 560 g ae/ha (equivalent to 1.0 L/ha of 2,4-D LV600 or 1.12 L/ha of MCPA LV500) or 1.5 to 2.0 L/ha Curtail M Herbicide. Refer to the 2,4-D Ester or MCPA Ester tank mix partner label for rates less than 560 g ae/ha and weeds controlled.

Mixing Instructions

1. Begin to fill sprayer tank with clean water, and engage agitator. **Agitation must be continued throughout the entire mixing and spraying procedure.**
2. When the sprayer is three quarters full of water, add Achieve Liquid. If more than one container of Achieve Liquid is to be used, add all Achieve Liquid containers prior to adding FLUROXYPYR EC HERBICIDE.
3. Add FLUROXYPYR EC HERBICIDE next. If more than one container of FLUROXYPYR EC HERBICIDE is to be used, add all FLUROXYPYR EC HERBICIDE containers prior to adding any other tank-mix partners.
4. If 2,4-D Ester, MCPA Ester or Curtail M are also being added, add these next. If more than one container of 2,4-D Ester, MCPA Ester or Curtail M is to be used, add all 2,4-D Ester, MCPA Ester or Curtail M containers prior to adding Turbocharge.

5. Lastly, add the required amount of Turbocharge and then continue to fill tank to desired level with water.

FLUROXYPYR EC HERBICIDE + CURTAIL M HERBICIDE

For control of a wide spectrum of broadleaved weeds (see Table 2) in spring wheat, durum wheat and spring barley, apply FLUROXYPYR EC HERBICIDE at 414 mL/ha tank mixed with Curtail M Herbicide at 2.0 L/ha. Refer to Curtail M Herbicide label for additional precautions and directions for use, particularly crop rotation restrictions.

Mixing Instructions

Add the correct amount of FLUROXYPYR EC HERBICIDE to spray tank ½ filled with water and agitate. Add the correct amount of Curtail M Herbicide and continue to agitate.

Timing of Application

Apply postemergence when weeds are in the seedling stage (2-4 leaf) and when spring wheat, durum wheat and spring barley are in the 3-leaf to just before the flag leaf emergence stage. Do not apply later than the flag-leaf stage.

Table 2: Weeds Controlled or Suppressed by FLUROXYPYR EC HERBICIDE + Curtail M Herbicide Tank-Mix

| | | |
|-----------------------|---------------------|---------------------------|
| Canada thistle* | Lamb's-quarters | Sow-thistle (annual) |
| Canola (volunteer) | Redroot pigweed | Sow-thistle (perennial)* |
| Cleavers (1-4 whorls) | Round-leaved mallow | Stinkweed |
| Common groundsel | (1-6 leaf) | Stork's-bill (1-8 leaf) |
| Dandelion** | Russian pigweed | Sunflower (volunteer) |
| Flixweed** | Scentless chamomile | Tantary buckwheat |
| Hemp-nettle (2-6 leaf | Shepherd's-purse | Volunteer flax (1-12 cm) |
| Stage ****) | Smart-weed | Wild buckwheat (1-4 leaf) |
| Kochia*** | | Wild mustard |

Weeds Suppressed:

Common chickweed*

* Season long control, with some regrowth in the fall (top growth control).

** Spring rosettes only.

*** Including biotypes resistant to Group 2 Herbicides that inhibit the ALS enzyme.

**** Suppression

The active ingredients in this tank mixture will only control chickweed that is emerged at time of application. Chickweed plants which emerge after application will not be controlled. To improve the reduction in chickweed population at the end of season, delay the timing of application as late as possible to when the majority of chickweed plants have emerged. The reduction in chickweed population will also be improved in crops which are more competitive and which allow limited light penetration.

Pre-Harvest/Grazing Intervals (FLUROXYPYR EC HERBICIDE + Curtail M Herbicide)

- Do not cut or graze treated fields within 7 days after application.
- Do not harvest the treated mature crop within 60 days after application.

When tank mixing with Curtail M Herbicide, wear goggles or face shield, coveralls and chemically resistant gloves, apron and boots when mixing, loading and during clean-up and repair.

Curtail M Herbicide contains an ingredient that is rapidly absorbed through the skin and respiratory tract.

FLUROXYPYR EC HERBICIDE + CURTAIL M HERBICIDE TANK MIXTURES FOR ANNUAL GRASS CONTROL

Tank mixtures of FLUROXYPYR EC HERBICIDE + Curtail M Herbicide with other herbicides will provide control of additional weeds. See Table 3 for tank mixes with FLUROXYPYR EC HERBICIDE + Curtail M Herbicide. Follow all precautions, minimal interval to harvest and directions for use on the FLUROXYPYR EC HERBICIDE and tank-mix partner labels.

Table 3. Tank-Mix Combinations with FLUROXYPYR EC HERBICIDE (414 mL/ha) + Curtail M Herbicide (2.0 L/ha)

| Herbicide Tank Mix Partner | Crops Registered | Rate of Tank Mix Partner | Adjuvant Rate | Additional Weeds |
|---|--|---------------------------------|---------------------------------|--|
| Achieve Liquid* | Spring wheat Durum wheat Spring barley | 0.5 L/ha | | Green foxtail Wild oats |
| Horizon ² Herbicide Tank Mix | Spring wheat Durum wheat | 0.23 L/ha | Score 0.8 L/ha (0.8% v/v) | Green foxtail Wild oats |
| Assert ³ 300 SC | Spring wheat Durum wheat Spring barley | 1.3 L/ha 1.6 L/ha | Refer to Assert 300 SC label | Wild oats (1-3 leaf) Wild oats (4 leaf) |
| Puma ⁴ 120 Super | Spring wheat Durum wheat Spring barley | 385 mL/ha 770 mL/ha | None required | Green foxtail only Green foxtail, wild oats, and barnyard grass |

* Curtail M Herbicide can be used at a rate of 1.5 to 2.0 L/ha with this tank-mix combination

FLUROXYPYR EC HERBICIDE + 2,4-D ESTER LV600 HERBICIDE

For control of a wide spectrum of broadleaved weeds (see Table 4), apply FLUROXYPYR EC HERBICIDE at 302 mL/ha tank mixed with 2,4-D LV600 Herbicide at 1.0 L/ha. Apply postemergence when weeds are in the seedling stage (2-4 leaf) and when spring wheat, durum wheat and spring barley are in the 4-leaf to flag-leaf stage (2-4 leaf) and when spring wheat, durum wheat and spring barley are in the 4-leaf to flag-leaf stage. Application before the 4-leaf stage of wheat and barley may cause severe twisting of leaves and stem, and head deformities which may reduce yield up to 10%. Do not apply later than the flag-leaf stage. Do not apply to cereals underseeded with a legume.

Mixing Instructions

Add the correct amount of FLUROXYPYR EC HERBICIDE to spray tank ½ filled with water and agitate. Add the correct amount of 2,4-D LV600 Herbicide and continue to agitate.

Table 4: Weeds Controlled or Suppressed by FLUROXYPYR EC HERBICIDE + 2,4-D Ester LV600 Herbicide Tank-Mix

Weeds Controlled:

| | | |
|-----------------------|--------------------------|---------------------------|
| Bluebur | Hoary cress* | Stinkweed |
| Burdock | Kochia*** | Stork's-bill (1-8 leaf) |
| Canola (volunteer) | Lamb's-quarters | Sunflower (annual) |
| Cleavers (1-4 whorls) | Mustards (except dog and | Vetch |
| Clovers (sweet) | green tansy) | Volunteer flax (1-12 cm) |
| Cocklebur | Plantain | Wild radish |
| Flixweed | Prickly lettuce | Wild buckwheat (1-4 leaf) |
| Field horsetail* | Ragweed | Wild mustard |
| Goat's-beard | Round-leaved mallow | Shepherd's purse |
| | (1-6 leaf) | |

The following weeds will be controlled at the seedling stage (2-4 leaf) when growing rapidly (control may be reduced when weed infestations are heavy):

| | | |
|-------------------|----------------------|-------------------|
| Blue lettuce* | Gumweed | Redroot pigweed |
| Dandelion** | Hairy galinsoga | Russian thistle |
| Docks | Hedge bindweed | Smartweed |
| Dog mustard | Lady's-thumb | Tansy |
| Field bindweed* | Leafy spurge* | Tartary buckwheat |
| Field peppergrass | Oak-leaved goosefoot | |

Weeds Suppressed:

| | |
|-----------------------------------|-----------------------------|
| Common chickweed *** (up to 8 cm) | Hempnettle (2-6 leaf stage) |
| Sow-thistle (perennial)* | Canada thistle* |
| Sow-thistle (annual) | |

* Top growth control only

** Spring rosettes

*** Including biotypes resistant to Group 2 Herbicides that inhibit the ALS enzyme

Pre-Harvest/Grazing Intervals (FLUROXYPYR EC HERBICIDE + 2,4-D Ester LV600 Herbicide)

- Do not permit lactating dairy animals to graze fields within 7 days after application.
- Do not harvest forage or cut hay within 30 days after application.
- Withdraw meat animals from treated fields at least 3 days before slaughter.
- Do not harvest the treated mature crop within 60 days after application.

FLUROXYPYR EC HERBICIDE + 2,4-D ESTER LV600 HERBICIDE + OTHER HERBICIDES

Tank mixtures of FLUROXYPYR EC HERBICIDE + 2,4-D Ester LV600 Herbicide with other herbicides will provide control of additional weeds. For products which may be tank mixed with FLUROXYPYR EC HERBICIDE + 2,4-D Ester LV600 Herbicide and the additional weeds controlled, see Table 5. Follow all precautions, minimal interval to harvest and directions for use on the FLUROXYPYR EC HERBICIDE and tank-mix partner labels.

Table 5. Tank-Mix Combinations with FLUROXYPYR EC HERBICIDE (302 mL/ha) + 2,4-D Ester LV600 Herbicide (1.0 L/ha)

| Herbicide Tank-Mix Partner | Crops Registered | Rate of Tank-Mix Partner | Adjuvant Rate | Additional Weeds |
|---|--|---------------------------------|--|--|
| Achieve Liquid *, *** | Spring wheat Durum wheat Spring barley | 0.5 L/ha | | Green foxtail Wild oats |
| Horizon ² Herbicide Tank-Mix | Spring wheat Durum wheat | 0.23 L/ha 0.29 L/ha | Score: 0.8 L/ha Score: 1.0 L/ha (1.0% v/v) | Wild oats** (1-6 leaf main stem) Green foxtail (1-5 leaf main stem) & Wild Oats** |
| Assert ³ 300 SC | Spring wheat Durum wheat Spring barley | 1.3 L/ha 1.6 L/ha | Refer to Assert 300 SC label | Wild oats (1-3 leaf stage) Wild oats (4 leaf stage) |
| Puma ⁴ 120 Super | Spring wheat Durum wheat | 385 mL/ha 770 mL/ha | None required | Green foxtail only Green foxtail, plus wild oats & barnyard grass |

* Do not apply this tank-mix prior to the 4 leaf stage of the cereal crop as temporary crop injury could occur. This tank-mix may cause temporary crop injury. However, yield will not normally be affected. This tank-mix may reduce control of wild oats compared to Achieve Liquid Herbicides alone.

** Wild oat control may be reduced when tank mixed with FLUROXYPYR EC HERBICIDE + 2,4-D Ester LV600 Herbicide.

*** 2,4-D Ester can be tank mixed at rates up to a maximum of 560 g ae/ha with this tank-mix combination.

FLUROXYPYR EC HERBICIDE + MCPA LV500 HERBICIDE

For control of a wide spectrum of broadleaved weeds (see Table 6), apply FLUROXYPYR EC HERBICIDE at 310 mL/ha tank mixed with MCPA LV500 Herbicide at 1.12 L/ha. Apply post-emergence when weeds are in the seedling stage (2-4 leaf) and when spring wheat and spring barley are in the 3-leaf to flag-leaf stage. Application before the 3-leaf stage of wheat and barley may cause severe twisting of leaves and stem, and head deformities which may reduce yield up to 10%. Do not apply later than the flag-leaf stage. Do not apply to cereals underseeded with a legume.

Mixing Instructions

Add the correct amount of FLUROXYPYR EC HERBICIDE to spray tank ½ filled with water and agitate. Add the correct amount of MCPA LV500 Herbicide and continue to agitate.

Table 6. Weeds Controlled or Suppressed by FLUROXYPYR EC HERBICIDE + MCPA LV500 Herbicide Tank-Mix

Weeds Controlled:

| | | |
|---------------------------|-----------------------------|-------------------|
| Burdock, common | Hempnettle (2-6 leaf) | Ragweed, common |
| Canola, volunteer | Kochia * | Shepherd's purse |
| Cleavers (1-4 whorls) | Lamb's-quarters | Stinkweed |
| Cocklebur | Mustard (except dog & | Sunflower, annual |
| Flax, volunteer (1-12 cm) | green tansy) | Vetch |
| Flixweed | Pigweed, redroot (1-4 leaf) | Wild Radish |
| Prickly lettuce | | |

Weeds Suppressed:

| | |
|-------------------------|---------------------------|
| Green smartweed | Wild buckwheat (1-4 leaf) |
| Stork's bill (1-8 leaf) | |

* Including biotypes resistant to Group 2 Herbicides that inhibit ALS enzyme.

Pre-Harvest/Grazing Intervals (FLUROXYPYR EC HERBICIDE + MCPA LV500 Herbicide)

- Allow 7 days between application and grazing/cutting for hay.
- Do not harvest the treated mature crop within 60 days after application.

FLUROXYPYR EC HERBICIDE + MCPA LV500 HERBICIDE + OTHER HERBICIDES

Tank mixtures of FLUROXYPYR EC HERBICIDE + MCPA LV500 Herbicide with other herbicides will provide control of additional weeds. For products which may be tank mixed with FLUROXYPYR EC HERBICIDE + MCPA LV500 Herbicide and the additional weeds controlled, see Table 7. Follow all precautions, minimal interval to harvest and directions for use (including timing of application) on the FLUROXYPYR EC HERBICIDE and tank-mix partner labels.

Table 7. Tank-Mix Combinations with FLUROXYPYR EC HERBICIDE (310 mL/ha) + MCPA LV500 Herbicide (1.12 L/ha)

| Herbicide Tank-Mix Partner | Crops Registered | Rate/ha | Adjuvant Rate | Additional Weeds |
|-----------------------------------|--|----------------|------------------------------|--|
| Achieve Liquid* | Spring wheat Durum wheat Spring barley | 0.5 L/ha | | Green foxtail Wild oats |
| Horizon Herbicide Tank-mix | Spring wheat Durum wheat | 0.23 L | Score 0.8 L/ha (0.8% v/v) | Wild oats |
| Assert 300 SC | Spring wheat | 1.3 L 1.6 L | Refer to Assert 300 SC label | Wild oats (1-3 leaf) Wild oats (4 leaf) |
| Puma 120 Super | Spring wheat Durum wheat Spring barley | 0.77 L | None required | Wild oats |

* MCPA Ester can be tank mixed at rates up to a maximum of 560 g ae/ha with this tank-mix combination

RESISTANCE MANAGEMENT

For resistance management, FLUROXYPYR EC HERBICIDE is a Group 4 Herbicide. Any weed population may contain or develop plants naturally resistant to FLUROXYPYR EC 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 FLUROXYPYR EC HERBICIDE or other Group 4 Herbicides 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.

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Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.

Monitor treated weed populations for resistance development.

Prevent movement of resistant weeds seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or weed-management recommendations for specific crops and weed biotypes.

For further information or to report suspected resistance, contact UPL AgroSolutions Canada Inc at 1-800-438-6071.

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.

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² Horizon is a registered trademark of Syngenta Company

³ Assert is a registered trademark of BASF

⁴ Puma is a registered trademark of Bayer

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