

2022-5269
2023-12-21

[Container Label]

GROUP 4 6 HERBICIDES

FORCEFIGHTER ALL IN

Emulsifiable Concentrate

COMMERCIAL (AGRICULTURAL)

For use as a selective postemergent control of annual and perennial broadleaf weeds in wheat (spring and durum) and barley.

ACTIVE INGREDIENTS:

Fluroxypyr, present as 1-methylheptyl ester	80 g/L
Bromoxynil, present as octanoate ester	200 g/L
MCPA, present as 2-ethylhexyl ester	200 g/L

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

**DANGER POISON
SKIN IRRITANT
POTENTIAL SKIN SENSITIZER**



REGISTRATION NO. 35007 PEST CONTROL PRODUCTS ACT

**For emergency medical help call PROPBARMA at 1.877.250.9291 (24 hours a day)
For spill, leak or fire call INFOTRAC at 1.800.535.5053 (24 hours a day)**

NET CONTENTS: 1L – Bulk

ADAMA Agricultural Solutions Canada Ltd.
300 – 191 Lombard Avenue
Winnipeg, MB R3B 0X1
1-855-264-6262

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Fatal if swallowed. May irritate skin. Avoid contact with eyes and the skin. Potential skin sensitizer. Wash concentrate from skin or eyes immediately.

DO NOT apply by air

Avoid breathing spray mist. After use wash hands and other exposed skin. Avoid contamination of ponds, streams, rivers and other water sources.

Avoid spray drift onto crops other than those recommended.

Store the container tightly closed away from seeds, feeds, fertilizer, plant and foodstuffs.

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 to agricultural crops when the potential for drift to areas of human habitation and 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. DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PROTECTIVE CLOTHING AND EQUIPMENT

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

After using this product, remove clothing and launder separately and promptly and thoroughly wash hands and exposed skin with soap and water. Follow manufacturer's instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water. Keep and wash personal protective equipment separate from household laundry. Wear freshly laundered clothing and clean protective equipment daily.

Only handlers wearing personal protective equipment may be in the area being treated during application.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them.

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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 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.

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.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

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. Contains petroleum distillate. Vomiting may cause aspiration pneumonia. Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS

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

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.

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 in original containers in a secure, dry, heated storage. If product is frozen, bring to room temperature and agitate before use. Do not allow contamination of seeds, plants, fertilizers or other pesticides. 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:

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.
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[Booklet Label]

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GENERAL INFORMATION

FORCEFIGHTER ALL IN provides selective post-emergence control of annual and perennial broadleaf weeds in wheat (spring and durum) and barley.

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/drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

ROTATIONAL CROP RESTRICTIONS

Field previously treated with FORCEFIGHTER ALL IN can be seeded the following year to barley, canola, flax, forage grasses, lentils, mustard, oats, peas, rye and wheat or fields can be summerfallowed.

PRODUCT SPECIFIC PRECAUTIONS

Read and understand the entire label before opening this product. If you have questions, call the manufacturer 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:

GROUND SPRAYER

Wash the tank and clean all filters, screens and tips. Select nozzle tips to apply the recommended volume per hectare. Flood jet type tips are not recommended. Adjust boom height to ensure uniform coverage of the weeds. Ensure that all tips are in good condition and spraying the same 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.

USE PRECAUTIONS

Avoid spray drift unto any desirable vegetation NOT listed on this label as damage may occur. Avoid contamination of ponds, streams, rivers, lakes and other water sources. Do not spray during periods of high winds when spray is likely to drift. Coarse sprays are less likely to drift. Do not spray during periods of high temperatures when crops may be under stress or damage to the crop may occur.

MIXING

Half fill the tank with clean water. Add the required amount of FORCEFIGHTER ALL IN and agitate thoroughly. Add any tank mix partners. Fill the tank and agitate again before use.

CROPS

Wheat (spring and durum).

Barley.

SPRAY VOLUME & PRESSURE

For ground application apply 50 to 100 litres of water per hectare at a low pressure (200 to 275 kPa). For best results when there is a heavy crop canopy, or when the majority of the weeds are at an advanced stage of growth, a volume rate of 100 L/ha is recommended.

TIMING

Wheat (spring and durum) and barley may be treated from the 2-leaf stage until the early flag leaf stage. Application before the 2-leaf stage may injure the crop.

Apply when weeds are actively growing. Best results are obtained from applications made to seedling weeds. Only weeds emerged at the time of treatment will be controlled. Extreme growing conditions such as drought or near freezing temperature prior to, at and following the time of application may reduce weed control and increase the risk of crop injury at all stages of growth. Foliage that is wet at the time of application may decrease control.

APPLICATION RATE: 1.4 L/ha.

Do not apply more than one treatment per year.

APPLICATION RESTRICTIONS

- Do not use treated crops for grazing livestock or green feed until 30 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 crop within 60 days after application.

WEEDS CONTROLLED

Section 1 – FORCEFIGHTER ALL IN ALONE

American nightshade*	Perennial sow thistle*
Bluebur (up to 4-leaf)	Redroot pigweed (up to 4-leaf)
Canada thistle*	Russian thistle (up to 5 cm)
Cleavers** (up to 4 whorls)	Shepherd's purse (up to 4-leaf)
Cocklebur*	Smartweed green (up to 4-leaf)
Common groundsel (up to 8-leaf)	Smartweed pale (up to 4-leaf)
Cow cockle (up to 4-leaf)	Stinkweed (up to 8-leaf)
Flixweed (up to 4-leaf)	Volunteer canola (up to 4-leaf)
Kochia*** (up to 5 cm)	Volunteer sunflower (up to 4-leaf)
Lady's thumb (up to 4-leaf)	Wild buckwheat (up to 8-leaf)
Lamb's quarters (up to 8-leaf)	Wild mustard** (up to 8-leaf)
Night-flowering catchfly (up to 4-leaf)	Wormseed mustard (up to 8-leaf)

* Top growth control.

** Including Group 2 resistant biotypes

*** Including Group 2 and glyphosate-resistant biotypes

NOTE: FORCEFIGHTER ALL IN activity is influenced by weather conditions. Optimum activity requires 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.

Section 2 – FORCEFIGHTER ALL IN in Tank Mix with other herbicides

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 ADAMA Agricultural Solutions Canada Ltd. at 1-855-264-6262 for information before applying any tank mix that is not specifically recommended on this label.

FORCEFIGHTER ALL IN can be tank mixed with the following herbicides:

Spring wheat:

- LADDER ALL IN®
- Simplicity® GoDRI Herbicide
- Refine® SG Herbicide
- Traxos® Herbicide

Durum wheat:

- LADDER ALL IN®
- Simplicity® GoDRI Herbicide
- Traxos® Herbicide

PRODUCT SPECIFIC PRECAUTIONS

DO NOT apply by air.

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, 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	Wheat and barley	1	1	1	1	4

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, FORCEFIGHTER ALL IN is a Group 4 and 6 herbicide. Any weed population may contain or develop plants naturally resistant to FORCEFIGHTER ALL IN and other Group 4 and 6 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 FORCEFIGHTER ALL IN or other Group 4 and 6 herbicides 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 IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), 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 ADAMA Agricultural Solutions Canada Inc. 1-855-264-6262.

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Forcefighter and Ladder are registered trademark of an ADAMA Group Company. Simplicity®, Refine® and Traxos® are trademarks of their respective companies.