

(Container)

**SPUR<sup>®</sup> M**  
[Selective] Herbicide

|              |          |                  |
|--------------|----------|------------------|
| <b>GROUP</b> | <b>4</b> | <b>HERBICIDE</b> |
|--------------|----------|------------------|

For selective control of various broadleaved weeds in wheat, barley, oats and flax (including low linolenic acid varieties).

For sale for use in the Prairie Provinces and the Peace River, Okanagan and Creston regions ONLY of British Columbia.

COMMERCIAL (AGRICULTURAL)

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

|                                      |         |
|--------------------------------------|---------|
| ACTIVE INGREDIENT: Clopyralid        | 50 g/L  |
| MCPA (present as 2-ethylhexyl ester) | 280 g/L |

Emulsifiable concentrate

REGISTRATION NO. 34458 PEST CONTROL PRODUCTS ACT



**POISON**

DANGER EYE and SKIN IRRITANT

NET CONTENTS: 8 L - bulk

**Albaugh, LLC**  
1525 NE 36th St.  
Ankeny, IA 50021,  
USA  
1-800-247-8013

For medical or treatment information from exposure to this product, call 1-888-347-6732  
(7 days/week, 24-hr).

For 24-hour chemical spill, leak, fire, exposure, or accident response information, call CHEMTREC toll  
free at 1-800-424-9300.

AD041124

## **PRECAUTIONS**

**HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN**

**EYE IRRITANT**

**KEEP OUT OF REACH OF CHILDREN**

1. DO NOT APPLY BY AIR
2. Do not take internally. Handle with care and mix only in a closed container. Use only in a well-ventilated area.
3. Harmful if swallowed. Harmful if absorbed through the skin. Avoid contact with skin and clothing. Harmful if inhaled. Avoid breathing dusts, sprays. Severely irritating to the eye. DO NOT get in eyes. Causes skin irritation. DO NOT get on skin.
4. Wash thoroughly after handling and before eating, drinking, smoking or using the bathroom. Take a shower immediately after work.
5. If clothing becomes contaminated, remove immediately and wash. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse. Wear freshly laundered clothes daily.
6. Do not contaminate domestic or irrigation water, lakes, ditches, streams or ponds by the cleaning of equipment or the disposal of wastes.
7. Do not apply where run-off or erosion is likely to occur.
8. 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.

## **PROTECTIVE CLOTHING AND EQUIPMENT**

### **All Application Equipment**

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

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

## **PHYSICAL OR CHEMICAL HAZARDS**

### **COMBUSTIBLE**

Do not use or store near heat or open flame.

## **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. 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**

The decision of whether to induce vomiting or not should be made by the attending physician. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration of petroleum based solvents must be weighed against toxicity when considering emptying the stomach. No specific antidote. Employ supportive care. Treatment should be based on judgment 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**

This product contains an active ingredient and aromatic petroleum distillates, which are toxic to aquatic organisms. Toxic to non-target terrestrial plants. 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, tightly-closed container and do not allow water to be introduced into this container.

Do not ship or store near food, feed, seed and fertilizers. Store in cool (above 5° C) dry, locked, well-ventilated area without floor drain. If product is frozen, bring to room temperature and agitate before use.

Herbicides should be shipped or stored separately from other pesticides to avoid cross-contamination.

### **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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#### **Disposal of unused, unwanted product:**

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.

**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 any way that is inconsistent with the directions on the label.



(Booklet)

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### **GENERAL INFORMATION**

SPUR M should be diluted in water and applied by ground application equipment for the control of the

following broadleaved weeds:

**1.5 L/ha (low rate)**

|                                     |   |
|-------------------------------------|---|
| Canada thistle* (low infestations)  | prickly lettuce                         |
| burdock                             | radish, wild                            |
| cocklebur                           | ragweed                                 |
| flixweed (spring rosettes 2-4 leaf) | shepherd's-purse (spring rosettes only) |
| **field horsetail                   | stinkweed (spring rosettes)             |
| lamb's-quarters                     | sunflower, annual                       |
| mustard, wild                       | sunflower, volunteer                    |
| **plantain                          | vetch                                   |

\*Season long control, with some regrowth in the fall.

\*\*Top growth only

**2.0 L/ha (high rate) - the above listed weeds plus**

|   |                                     |
|---|-------------------------------------|
| buckwheat, tartary                            | pigweed, redroot                    |
| buckwheat, wild                               | pigweed, Russian                    |
| Canada thistle* (medium to high infestations) | scentless chamomile (2 to 4 leaf)   |
| canola, volunteer                             | smartweed                           |
| common groundsel                              | sow-thistle, annual                 |
| dandelion (spring rosettes only)              | sow-thistle, perennial (top growth) |
| kochia (suppression) (2 to 4 leaf)            |                                     |

**DIRECTIONS FOR USE**

DO NOT apply by air.

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.

**SPRAY BUFFER ZONES TO PROTECT SENSITIVE TERRESTRIAL AND AQUATIC HABITATS**

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) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

**Spray Buffer Zones Table**

| Method of Application | Crop  | Spray Buffer Zones (metres) Required for the Protection of: |                  |                     |
|-----------------------|---|---|------------------|---------------------|
|                       |   | Freshwater Habitat of Depths:                               |                  | Terrestrial Habitat |
|                       |   | Less than 1 m   | Greater than 1 m |                     |
| Field sprayer         | Wheat, barley, oats, flax, timothy for hay, forage and seed production and canaryseed | 1   | 0                | 1                   |



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.

Best results are obtained when SPUR M is applied to actively growing weeds in the 1 to 4 leaf (seedling) stage and when Canada thistle is between 10 cm and up to but not including the early bud stage. Poor weed control may result under cool or dry conditions.

#### **Wheat (spring, durum, winter), Barley, Oats**

Apply to wheat (spring, durum), barley and oats from 3 leaf to just before flag leaf. Apply to winter wheat in the spring from the 3-tiller stage to just before the flag leaf stage. Do not apply later than the flag-leaf emergence stage. Apply SPUR M as a ground treatment using enough spray volume to provide adequate spray coverage. Apply 50-100 L/ha total spray volume by ground. Higher spray volumes will provide better coverage and weed control, particularly when the weeds are not actively growing. Maximum 1 application per year.

#### **Flax (including low linolenic acid varieties)**

Apply to the flax when the crop is 5 to 15 cm tall. Early spraying will reduce the risk of crop injury. Apply SPUR M in 50-100 L/ha total spray volume by ground equipment at spray pressures of 200 to 275 kPa. For optimum spray coverage, use flat fan nozzles tilted 45° forward to ensure better coverage. Maximum 1 application per year.

**NOTE:** Some delay in maturity and crop injury may result in flax from the use of the high rate but any potential yield reductions will usually be more than offset by increased yields due to better weed control.

#### **Spray Preparation**

Add half the required amount of water to the spray tank, then add with agitation the required amount of SPUR M and the tank-mix partner if applicable. Add the balance of the water and continue to agitate while spraying.

The use of flood jet or hollow cone nozzles is not recommended because of uneven and inadequate spray coverage. Ensure thorough and uniform spray coverage over the entire leaf area of the target weeds.

#### **GENERAL USE PRECAUTIONS**

Do not use in greenhouses.

Apply only to agricultural crops 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 sprayer settings.

#### **Sensitive Plants**

Do not apply SPUR M directly to or otherwise permit it to come into contact with sunflowers, legumes, fruit or vegetable crops, flowers or other desirable broadleaved plants and take precautions to avoid spray mists drifting onto them.

#### **Crop Rotation**

Fields previously treated with SPUR M can be seeded to wheat, barley, oats and rye (not under-seeded to forage legumes, clover or alfalfa), canola, corn, field peas, flax, forage grasses, mustard, sugar beets or can be summer-fallowed. Seed only those crops listed above in the year following treatment. Do not seed to field peas for at least 10 months following treatment. Very dry soil conditions following application

can result in a risk of injury to field peas grown in rotation.

If severe drought conditions are experienced during the months of June to August inclusive in the year of application, delay seeding field peas an additional 12 months (total 22 months following application). Contact your local Albaugh, LLC representative or retailer for more information before seeding field peas following drought conditions in the previous year.

#### **Preharvest/Grazing Interval**

- Do not cut or graze treated fields of wheat, barley, oats or flax within 7 days after application.
- Do not harvest wheat, barley, oats or flax within 60 days after application, or within 7 days after application when harvesting for forage.
- Withdraw meat animals from treated fields at least 3 days before slaughter.

#### **Restricted Entry Interval (REI)**

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

#### **Stress Conditions**

When weeds are stressed due to drought, flooding or prolonged hot or cool temperatures (8°C or less), control can be reduced or delayed since weeds are not actively growing. Weed escapes may occur under prolonged stress conditions or low fertility. Do not make applications to weeds stressed longer than 20 days due to lack of moisture as unsatisfactory control can result.

#### **To Reduce Spray Drift**

1. Use coarse sprays at low pressures (200 to 275 kPa).
2. Use 50 to 100 L/ha of spray solution.
3. Spray when the wind velocity is 16 km/hr or less.

#### **Equipment Clean-Up**

Equipment used to apply SPUR M should not be used to apply other pesticides to sensitive crops without thorough cleaning.

#### **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 Albaugh LLC at 1-800-247-8013 for information before applying any tank mix that is not specifically recommended on this label.

#### **TANK-MIXES WITH SPUR M FOR BROADLEAVED WEED AND ANNUAL GRASS CONTROL IN WHEAT AND BARLEY**

SPUR M may be tank-mixed with one of the tank-mix partners indicated in the table below for wide spectrum control. All broadleaved weeds listed elsewhere on this label plus the annual grasses listed below for each tank-mix partner will be controlled by the tank-mix. Follow all precautions, directions, and recropping/rotation limitations that appear on both product labels and follow those that are the most restrictive.

| Herbicide Tank-Mix Partner | Crops   | SPUR M + tank-mix partner rate product/ha | Annual Grasses  | Adjuvant Rate          |
|----------------------------|---|---|---|------------------------|
| Achieve Liquid Herbicide   | spring wheat, durum wheat, winter wheat, barley | 1.5 - 2.0 L + 0.5 L                       | wild oats, green & yellow foxtail, barnyard grass, Persian darnel                             | Turbocharge: 0.5 % v/v |
| Axial 100 EC Herbicide     | spring wheat, barley                            | 1.5 - 2.0 L + 600 mL                      | wild oats, green foxtail, yellow foxtail, volunteer oats, volunteer canary seed, proso millet | Adigor 700 mL/ha       |

### TANK-MIXES WITH SPUR M FOR WIDE SPECTRUM BROADLEAVED WEED CONTROL

SPUR M may be tank-mixed with DRAFT® for wide spectrum broadleaved weed control. All broadleaved weeds listed elsewhere on this label plus those listed on the DRAFT label will be controlled by this tank-mix. Follow all precautions, directions, and recropping/rotation limitations that appear on both product labels and follow those that are the most restrictive.

| Herbicide Tank-Mix Partner | Crops                       | SPUR M + DRAFT rate product /ha | Additional Weeds   | Adjuvant Rate                                |
|----------------------------|-----------------------------|---------------------------------|--|--|
| DRAFT                      | spring wheat, spring barley | 1.5 L + 20 g                    | refer to the list of broadleaved weeds on the DRAFT or label | Agral 90, AgSurf or Citowett Plus, 0.2 % v/v |

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Albaugh, LLC under the User Requested Minor Use Label Expansion program. For these uses, Albaugh, LLC 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.

### DIRECTIONS FOR USE

#### ESTABLISHED TIMOTHY FOR HAY AND FORAGE PRODUCTION IN WESTERN CANADA

For the control of labeled weeds on Established Timothy for hay and forage production in Western Canada, apply SPUR M at a rate of 2 L/ha. Apply only one post-emergent application per season. DO NOT apply within 7 days of harvest. For use in the Prairie Provinces and the Peace River, Okanagan and Creston regions of British Columbia only.

#### ESTABLISHED TIMOTHY FOR SEED PRODUCTION IN WESTERN CANADA

For the control of labeled weeds on Established Timothy for seed production in Western Canada, apply SPUR M at a rate of 1.5 - 2 L/ha. Apply only one post-emergent application per season. Apply to the crop from 3 leaf to just before flag leaf. Do not cut or graze treated fields within 7 days after application. For use in the Prairie Provinces and the Peace River, Okanagan and Creston regions of British Columbia only. Timothy is particularly sensitive to stress conditions, and some crop injury or seed yield reduction may occur when herbicides are applied under stress (e.g. drought or frost) conditions.

#### LABELLED ANNUAL AND PERENNIAL BROADLEAVED WEEDS IN CANARY SEED (*Phalaris canariensis*)

For the control of labeled annual and perennial broadleaved weeds in Canary Seed (*Phalaris canariensis*), apply SPUR M at a rate of 1.5 – 2.0 L/ha in a minimum of 100 L water/ha to thoroughly

cover the weeds with a spray pressure of 200 to 275 kPa. Apply when weeds are in the seedling stage (2 to 4 leaf) and when Canary Seed (*Phalaris canariensis*) is in the 3-leaf stage to just before flag leaf emergence stage using a ground boom sprayer. Apply only one post-emergent application per season. DO NOT apply within 60 days of harvest. For use in the Prairie Provinces and the Peace River, Okanagan and Creston regions ONLY of British Columbia.

REFER TO THE MAIN SPUR M LABEL FOR ADDITIONAL DETAILS AND INSTRUCTIONS.

### RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, SPUR M is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to SPUR M 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 SPUR M 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 Albaugh, LLC at 1-800-247-8013.

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All products listed are registered trademarks of their respective companies.