# Aim® EC

**Herbicide**

## AGRICULTURAL/ COMMERCIAL

| GROUP | 14 | HERBICIDE |
|---|---|---|

CAUTION IRRITANT

CAUTION: SKIN AND EYE IRRITANT

FMC Corporation
Agricultural Products Group
1735 Market Street, Philadelphia
PA 19103 USA

Distributed by
Nufarm Agriculture Inc.
5507 1st Street SE
Calgary, Alberta T2H 1H9
1-800-868-5444

24 Hour Emergency Response Number
1-800-331-3148

Aim ® is a registered trademark
of FMC Corporation

**GUARANTEE:**
Carfentrazone-ethyl 240 g/L

**KEEP OUT OF REACH OF CHILDREN**

**READ THE LABEL AND ATTACHED BOOKLET BEFORE USING**

For Listed Weed Control in Fallow Systems, Preplant Burndown, Hooded Sprayer Applications, Harvest Aid Applications.

REGISTRATION NO. 28573
PEST CONTROL PRODUCTS ACT

Nufarm

## TABLE OF CONTENTS

General Information....3

Precautions....3

Personal Protective Equipment....3

Environmental Hazards....4

First Aid....4

Toxicological Information....5

Storage....5

Disposal....5

Notice to User....5

Resistance-Management Recommendations....6

Methods of Application....7

Mixing and Loading Instructions....7

Spray Equipment Clean-Out....8

Application Information....9

Directions for Use....12

Preharvest Intervals for Hooded Applications and Harvest Aid....13

Crop Rotation Restrictions....14

Directions for Crop Production Uses....14



29410 AIM-E.indd 2 9/5/08 11:55:06 AM

## GENERAL INFORMATION

Aim® EC Herbicide is an emulsifiable concentrate formulation. Aim EC Herbicide is to be mixed with water and listed adjuvants, and applied to labelled crops or sites. Aim EC Herbicide used as directed will provide selective postemergence control of broadleaf weeds, weed burndown prior to planting and defoliate/desiccate labelled crops as a harvest aid.

Weed control is optimized when the product is applied to actively growing weeds up to 10 cm in height, or as specified. Aim EC Herbicide is a contact herbicide. Within a few hours following application, the foliage of susceptible weeds show signs of desiccation, and in subsequent days, necrosis and death of the plant occur.

Extremes in environmental conditions such as temperature, moisture, soil conditions, and cultural practices may affect the activity of Aim EC Herbicide. Under warm moist conditions, herbicide symptoms may be accelerated. While under very dry conditions, the expression of herbicide symptoms may be reduced as weeds hardened off by drought are less susceptible to Aim EC Herbicide.

Aim EC Herbicide is rapidly absorbed through the foliage of plants. To avoid significant crop response, applications should not be made within 6 to 8 hours of either rain or irrigation or when heavy dew is present on the crop. Due to environmental conditions and with certain spray tank additives, some herbicidal symptoms may appear on the crop.

## PRECAUTIONS

### KEEP OUT OF THE REACH OF CHILDREN

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution. Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid breathing vapours. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Do not use or store near heat or open flame.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at: www.croplife.ca

## PERSONAL PROTECTIVE EQUIPMENT

Mixers and loaders must wear long-sleeved shirt, long pants, chemical resistant gloves, and shoes plus socks. Applicators must wear long-sleeved shirt, long pants and shoes plus socks. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product.



29410 AIM-E.indd 3 9/5/08 11:55:06 AM

Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

## ENVIRONMENTAL HAZARDS

Aim EC Herbicide is toxic to non-target terrestrial and aquatic plants. 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.

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches, wetlands), estuarines or marine habitats.

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

Observe buffer zones specified under DIRECTIONS FOR USE.

## FIRST AID

**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 IMMEDIATELY for further treatment advice.

**If on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control centre or doctor for treatment advice.

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15 to 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 Swallowed:** Call a poison control centre or doctor IMMEDIATELY for treatment advice. Contains petroleum distillates. Do not induce vomiting unless told to do so by the poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.



29410 AIM-E.indd 4 9/5/08 11:55:06 AM

Take the container label or product name and Pest Control Product Registration Number with you when seeking medical attention. You may also call 1-800-331-3148 for emergency medical treatment information.

## TOXICOLOGICAL INFORMATION

**Note to Physician:** Aim EC Herbicide is expected to have low oral and dermal toxicity, and moderate inhalation toxicity. It is expected to be slightly irritating to the skin and minimally irritating to the eyes. Treatment is otherwise controlled removal of exposure followed by symptomatic and supportive care. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

## STORAGE

Not for use or storage in or around the home. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Isolate Aim EC Herbicide in storage to prevent contamination of other pesticides, fertilizers, water, food or animal feeds. In case of spill, avoid contact, isolate area and keep out unprotected persons and animals. Confine spills. Call FMC: 1-800-331-3148.

## DISPOSAL

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-rinse 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 requirements.

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.

## 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 the product.



29410 AIM-E.indd 5 9/5/08 11:55:06 AM

## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, Aim EC Herbicide is a Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to Aim EC Herbicide and other Group 14 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 Aim EC Herbicide or other Group 14 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.
- 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 weed 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 integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact FMC at 1-888-59-FMC-AG or at www.cropsolutions.fmc.com.

## TANK MIXTURES

Aim EC Herbicide may be tanked-mixed with Roundup® Ultra Liquid Herbicide, Roundup® Ultra Max Liquid Herbicide, Roundup® Weathermax with Transorb® 2 Technology Liquid Herbicide, Nufarm Credit® Liquid Herbicide, Credit Plus Liquid Herbicide or 2, 4-D Ester to control additional weeds in the pre-plant burn-down application. When tank mixing, read and follow all label directions for all products used.

## ADJUVANT USE REQUIREMENTS

A spray adjuvant product must be used in the spray solution with Aim EC Herbicide for optimum performance. Refer to the *Directions for Use* section of this label for adjuvant choices and use rates.



29410 AIM-E.indd 6 9/5/08 11:55:06 AM

## METHODS OF APPLICATION

Aim EC Herbicide is a versatile product with several different application options to achieve weed control or plant desiccation results. If Aim EC Herbicide is being applied in standing crop situations, application methods and adjustments must be precise to prevent potential crop injury.

Harvest Aid and Pre-plant burndown applications are permitted, where noted in the *Directions for Use* section of the label.

Hooded Sprayer applications may be made to many labelled crops as noted in the *Directions for Use* section of the label. Hooded sprayers must be designed and operated so as to totally enclose the spray nozzles and tips and spray pattern and prevent any spray deposition to the crop being treated.

**PRECAUTIONS:** Crop injury will occur when spray is allowed to come in contact with the green stem tissue, leaves, blooms or fruit of the crop.

## SPRAY TANK PREPARATION

It is important that spray equipment is clean and free of existing pesticide deposits before using this product. Follow the spray tank clean-out procedures specified on the label of the product previously applied before adding Aim EC Herbicide to the spray tank.

## MIXING AND LOADING INSTRUCTIONS

For best results, fill the spray tank with one half the volume of clean water needed for the area to be treated. Make sure the agitation system is operating while adding products. Prepare a premix in a clean container using clean water. Slowly add the premix to the spray tank. Carefully rinse the premix container, adding the rinsings to the spray tank. Complete filling the spray tank to the desired level. Spray tank agitation should be sufficient to ensure uniform spray mixture during application and must continue until the spray tank has been emptied. When tank mixing with other products, Aim EC Herbicide should be mixed first in the spray tank. After Aim EC Herbicide is thoroughly mixed, add the other products as specified on their label.

If sprayer has been stored or idle, purge the spray boom and nozzles with clean water before charging sprayer with products to be applied.

Avoid the overnight storage of Aim EC Herbicide spray mixtures.

Premixing Aim EC Herbicide spray solutions in nurse tanks is not recommended.



29410 AIM-E.indd 7 9/5/08 11:55:07 AM

Maintain continuous and adequate spray solution agitation until all the spray solution has been used.

Do not use with tank additives that alter the pH of the spray solution.

**SPRAY EQUIPMENT CLEAN-OUT**

Many herbicide products are very active at low rates, especially to sensitive crops. Residues left in mixing equipment, spray tanks, hoses, spray booms and nozzles can cause crop effects if such equipment is not properly cleaned between uses.

As soon as possible after spraying Aim EC Herbicide and before using the sprayer equipment for any other applications, the sprayer equipment must be thoroughly cleaned using the following procedure. In addition, users must take appropriate steps to ensure proper equipment clean-out for any other products mixed with Aim EC Herbicide, as directed on the companion product labels. Maximum cleaning can be achieved by cleaning the spray system immediately following use.

1. Drain sprayer tank, hoses, spray boom and spray nozzles. Use a high-pressure detergent wash to remove physical sediment and residues from the inside of the sprayer tank and thoroughly rinse. Then, thoroughly flush sprayer hoses, spray boom and spray nozzles with a clean water rinse.

2. Next, prepare a sprayer cleaning solution by adding 3 litres of ammonia (containing at least 3% active) per 100 litres of clean water. Prepare sufficient cleaning solution to allow the operation of the spray system for a minimum of 15 minutes to thoroughly flush the tank, hoses, spray boom and spray nozzles.

3. If possible, leave the ammonia solution or fresh water is left in the spray tank, hoses, spray booms and spray nozzles overnight or during storage to dissolve and dilute any remaining traces of herbicide.

4. Before using the sprayer, completely drain the sprayer system. Rinse the tank with clean water and flush through the hoses, spray boom, and spray nozzles with clean water.

5. Remove and clean spray tips and all filters and screens separately in an ammonia solution prepared as in Step 2, above. Replace these parts right after cleaning and rinsing.

6. Properly dispose of all cleaning solution and rinsate in accordance with



29410 AIM-E.indd 8 9/5/08 11:55:07 AM

established regulations and guidelines. Do not apply sprayer cleaning solutions or rinsate to sensitive crops.

Do not store the sprayer overnight or for any extended period of time with Aim EC Herbicide spray solution remaining in the tank, spray lines, spray boom plumbing, spray nozzles or strainers.

Small quantities of Aim EC Herbicide remaining in improperly cleaned mixing, loading and/or spray equipment may be released during subsequent applications, potentially causing crop effects.

## APPLICATION INFORMATION

### GROUND APPLICATION

Use ground sprayers designed, calibrated and operated to deliver uniform spray droplets to the targeted plant or plant parts. Adjust sprayer nozzles to achieve uniform plant coverage. Overlaps and slower ground speeds (caused by continuing to spray while starting, stopping or turning) may result in higher application rates and possible crop response.

### SPRAY BUFFER ZONE FOR GROUND 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) medium classification.

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, rangelands, riparian areas and shrublands).

| Method of application | Buffer Zones (metres) Required for the Protection of: |
|---|---|
| | Terrestrial habitat |
| Field sprayer* | 3 |

*For field sprayer application, buffer zones can be reduced with the use of drift reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy or ground, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy or ground, the labelled buffer zone can be reduced by 30%.
When a tank mixture is used, consult the labels of the tank-mix partners and



29410 AIM-E.indd 9 9/5/08 11:55:07 AM

observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

## CONVENTIONAL BOOM AND NOZZLE SPRAYERS

Use a boom and nozzle sprayer equipped with the appropriate nozzles, spray tips and screens adjusted to provide optimum spray distribution and coverage at the appropriate operating pressures. Use nozzles that produce minimal amounts of fine spray droplets. Do not exceed 210 kPa spray pressure, unless otherwise required for optimal drift reduction nozzle performance. Apply in a minimum of 100 litres of spray volume per hectare. Use higher spray volumes when there is a dense weed population or dense crop canopy. Adjust sprayers to position spray tips no lower than 45 cm above the crop.

## HOODED SPRAYERS

Hooded sprayers may be used to apply Aim EC Herbicide. Refer to the Hooded Sprayer Applications Section for specific adjustment and operation instructions.

## SPRAY DRIFT MANAGEMENT

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER.

The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target movement from applications to agricultural field crops.

### Information on Droplet Size

The most effective way to reduce drift potential is to apply large droplets. The optimum drift management strategy is to apply the largest droplets that provide sufficient coverage and performance. Applying larger droplets reduces drift potential, but will not prevent drift when applications are made improperly, or under unfavourable environmental conditions. (See Wind, Temperature and Humidity, and Temperature Inversions.)

### Controlling Spray Droplet Size

**VMD –** VMD is the expression of the droplet size of the spray cloud. The VMD value means that 50% of the droplets are larger than the expressed value and 50% of the droplets are smaller than the expressed value. Optimum Aim EC Herbicide spray clouds should be 450 microns with fewer than 10% of the droplets being 200 microns or smaller.

**Volume –** Use high flow rate nozzles to apply the highest practical spray volume.



29410 AIM-E.indd 10 9/5/08 11:55:07 AM

Nozzles with higher rated flows usually produce larger droplets.

**Pressure –** Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

**Number of Nozzles –** Use the minimum number of nozzles that provide uniform coverage.

**Nozzle Type –** Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low drift nozzles.

**Application Height –** Making applications at the lowest height that is safe reduces exposure of spray droplets to evaporation and wind movement.

**Wind –** Drift potential is lowest between winds speeds of 5 to 16 km/h. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. Applications shall be avoided below 5 km/h due to variable wind direction and high inversion potential.

Do not apply Aim EC Herbicide when wind speed exceeds 16 km/h. NOTE: Local terrain can influence wind patterns. Every applicator shall be familiar with local wind patterns and how they affect spray drift.

**Temperature and Humidity –** When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

**Temperature Inversions –** Do not apply Aim EC Herbicide during a temperature inversion because the drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the following morning. Their presence can be indicated by ground fog. However, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

**Sensitive Areas –** Apply Aim EC Herbicide only when direction of air flow is



29410 AIM-E.indd 11 9/5/08 11:55:07 AM

away from nearby sensitive areas (e.g. residential areas, bodies of water, known habitats for threatened or endangered species and non-target crops).

## DIRECTIONS FOR USE

**Aim EC Herbicide can be applied only one time per growing season. Aim EC Herbicide may be applied as a Pre-plant burndown application, OR Hooded Application OR as a Harvest Aid. When used as directed, Aim EC Herbicide will provide:**

**Control of the listed weeds up to ten (10) cm in height, or as specified.**

| Weeds Controlled | Aim EC Herbicide Use Rate mL per hectare |
|---|---|
| Lamb's-quarters, common (up to 7.5 cm tall) | 36.5 mL |
| Morning glory (up to 3 leaves) | |
| Nightshade, Eastern black | |
| Pigweed, redroot | |
| Velvetleaf | |
| Tall Waterhemp (up to 5 cm tall) | |
| All the weeds controlled at 36.5 mL per hectare plus the weeds listed below: | 58 mL |
| Lamb's-quarters, common | |
| Mallow, round-leaved | |
| Morning glory | |
| Nightshade, hairy | |
| Pennycress, field | |
| Pigweed, prostrate | |
| Pigweed, smooth | |
| Pigweed, tumble | |
| Purslane, common | |
| Smartweed, Pennsylvania (seedling) | |
| Tansymustard | |
| Tall Waterhemp | |



29410 AIM-E.indd 12 9/5/08 11:55:07 AM

| Weeds Controlled | Aim EC Herbicide Use Rate mL per hectare |
|---|---|
| All the weeds controlled at 58 mL per hectare plus the weeds listed below: | 73 mL |
| Carpetweed | |
| Cocklebur | |
| Jimsonweed | |
| Kochia | |
| Nightshade, Eastern black | |
| Volunteer canola | |
| Glyphosate tolerant volunteer canola | |
| All the weeds controlled at 73 mL per hectare plus the weeds listed below: | 117 mL |
| Burclover | |
| Lettuce, prickly | |
| Mallow, Venice (up to 5 cm tall) | |
| Spurry, corn | |

## PREHARVEST INTERVALS FOR HOODED APPLICATIONS AND HARVEST AID

Refer to the crop section of this label for specific product use directions.

| Preharvest Intervals (PHI) or Maximum Growth Stage for Aim EC Herbicide Applications | |
|---|---|
| **Crop/Crop Group/Crop Subgroup** | **PHI (Days Before Harvest)** |
| Vegetables, root (Subgroups 1A and 1B) | 1 |
| Vegetables, bulb (Group 3) | 1 |
| Vegetables, leafy (Group 4) except brassica | 1 |
| Vegetables, brassica (Group 5) (cole) leafy | 1 |
| Vegetables, legume (Group 6) | 1 |
| Vegetables, fruiting; (Group 8) except cucurbits | 1 |
| Vegetables, cucurbit (Group 9) | 1 |
| Bushberry (Subgroup 13B) | 1 |
| Vegetables, tuberous and corm (Subgroups 1C and 1D) | 7 |



29410 AIM-E.indd 13 9/5/08 11:55:07 AM

| Preharvest Intervals (PHI) or Maximum Growth Stage for Aim EC Herbicide Applications | |
|---|---|
| **Crop/Crop Group/Crop Subgroup** | **PHI (Days Before Harvest)** |
| Pome fruit (Group 11) | 3 |
| Stone fruit (Group 12) | 3 |
| Caneberry (Subgroup 13A) | 15 |
| Strawberries | 1 |
| Grape | 3 |
| Sorghum (harvest aid) | 3 |
| Barley (harvest aid) | 3 |
| Millet (harvest aid) | 3 |
| Oats (harvest aid) | 3 |
| Triticale (harvest aid) | 3 |
| Wheat (harvest aid) | 3 |
| Soybean (harvest aid) | 3 |
| Potato (harvest aid) | 7 |
| Dried shelled peas and beans (Crop Subgroup 6-C harvest aid) | 3 |

## CROP ROTATION RESTRICTIONS

All crops may be planted after 12 months.

## DIRECTIONS FOR CROP PRODUCTION USES

### PREPLANT BURNDOWN

Aim EC Herbicide may be used for preplant burndown applications in crops from the crop groups listed below as well as potatoes.

**Crop Subgroup 6: Legume Vegetable (Succulent or dried)** (bean (Lupinus spp.includes grain lupin, sweet lupin, white lupin, and white sweet lupin; Phaseolus spp.includes field bean, kidney bean, lima bean (dry), navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean; Vigna spp. includes adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean); broad bean; chickpea; lentil; pea (Pisum spp. includes dwarf pea, edible-pod pea, English pea, field pea, garden pea, green pea, snow pea, sugar snap pea); soybean)



29410 AIM-E.indd 14 9/5/08 11:55:07 AM

**Crop Group 8: Fruiting Vegetables (Except Cucurbits)** (transplanted only) (eggplant; groundcherry; pepino; pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper); tomatillo; tomato)

**Crop Group 9: Cucurbit Vegetables** (transplanted only) (citron melon; cucumber; gherkin; Momordica spp. (includes bitter melon, Chinese cucumber); muskmelon (includes true cantaloupe, cantaloupe, casaba melon, crenshaw melon, golden pershaw melon, honeydew melon, honey ball melon, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon); pumpkin; squash, summer (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini); squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon (includes hybrids and/or varieties of Citrullus lanatus))

**Crop Group 15: Cereal Grains** (barley; buckwheat; corn (includes sweet corn and field corn); millet, pearl; millet, proso; oats; popcorn; rye; sorghum; teosinte; triticale; wheat)

**Crop Group 20: Oilseeds** (rape seed; rape seed, Indian; mustard seed, Indian; mustard seed, Field; mustard seed; flax; sunflower; safflower)

**FALLOW SYSTEMS**

Aim EC Herbicide may be utilized in Fallow Cropping Systems where crops are seeded and harvested in alternate years for soil moisture conservation.

**Aim EC HERBICIDE USE RATES FOR PRE-PLANT BURNDOWN AND FALLOW SYSTEMS**

Apply Aim EC Herbicide for pre-plant burndown and fallow system at up to 117 mL per hectare except for sorghum where Aim EC Herbicide may be applied for pre-plant burndown at up to 73 mL. For optimum performance, make application to actively growing weeds up to 10 cm high, or as specified. **Coverage of the weeds is essential for good control.**

**Aim EC HERBICIDE PLUS ROUNDUP ULTRA LIQUID HERBICIDE OR ROUNDUP ULTRA MAX LIQUID HERBICIDE OR ROUNDUP WEATHERMAX WITH TRANSORB 2 TECHNOLOGY LIQUID HERBICIDE OR NUFARM CREDIT LIQUID HERBICIDE, OR CREDIT PLUS LIQUID HERBICIDE**

Apply Aim EC Herbicide at 36.5-73 mL per hectare in combination with Roundup Ultra Liquid Herbicide, Roundup Ultra Max Liquid Herbicide, Roundup Weathermax with Transorb 2 Technology Liquid Herbicide, Nufarm Credit Liquid Herbicide and Credit Plus Liquid Herbicide at 450-900 grams of ai/ha.



29410 AIM-E.indd 15 9/5/08 11:55:07 AM

**When applied as directed, Aim EC Herbicide plus Roundup Ultra Liquid Herbicide, Roundup Ultra Max Liquid Herbicide, Roundup Weathermax with Transorb 2 Technology Liquid Herbicide, Nufarm Credit Liquid Herbicide and Credit Plus Liquid Herbicide will provide control of listed weeds.**

| | |
|---|---|
| Dandelion, common | Chickweed |
| Kochia | Lamb's-quarters, common |
| Horsetail | Morning glory |
| Pennycress, field | Shepherd's-purse |
| Smartweed, Pennsylvania | Tansymustard |
| Thistle, Russian | Volunteer canola |
| Glyphosate tolerant volunteer canola | |

## Aim EC HERBICIDE PLUS 2,4-D ESTER

Apply Aim EC Herbicide at 36.5-73 mL per hectare in combination with registered 2,4-D Ester products at 560 grams of ai/ha for control of weeds listed below.

| | |
|---|---|
| Buckwheat, wild | Morning glory |
| Kochia | Pennycress, field |
| Lettuce, prickly | Shepherd's-purse |
| Lamb's-quarters, common | Smartweed, Pennsylvania |
| Horsetail | Tansymustard |
| Thistle, Russian | Volunteer canola |
| Glyphosate tolerant volunteer canola | |

## ADJUVANT RECOMMENDATIONS FOR PRE-PLANT BURNDOWN AND FALLOW SYSTEMS

Use Agral 90 or Ag-Surf at 0.25% v/v (0.25 litres per 100 litres of spray solution) or use Merge at 1% v/v (1 litre per 100 litres of spray solution).

## HOODED SPRAYER APPLICATIONS

### Aim EC HERBICIDE USE RATES FOR HOODED SPRAYER APPLICATIONS

Aim EC Herbicide must be applied with hooded sprayers to control labelled weeds between the rows of the below listed emerged crops. This treatment must be made to crops grown in rows, and includes crops grown in rows where mulch or plastic barriers are used as a weed control tool in the drill or plant line.



29410 AIM-E.indd 16 9/5/08 11:55:07 AM

Aim EC Herbicide may be applied at use rates 37-117mL in a minimum of 100 litres per hectare of spray solution.

Hooded sprayers must be designed, adjusted and operated in such a manner as to totally enclose the spray nozzles, tips and pattern and to prevent any spray deposition to green stem tissue, foliage, blooms or fruit of the crop being treated. **PRECAUTIONS:** Crop injury will occur when spray is allowed to come in contact with the green stem tissue, leaves, blooms or fruit of the crop.

Sprayers shall not be operated at more than eight (8) km/h in order to minimize vertical movement of the sprayer during application, including the bouncing or raising of the equipment. Use extreme care in applying to fields where the soil surface is uneven, has deep furrows, drains or other contours that disturb the adjustment and positioning of the spray equipment and/or the spray pattern. Applications must not be made when windy conditions may result in spray deposition onto sensitive plants or plant parts.

For optimum performance, make application to actively growing weeds up to 10 cm tall, or as specified. Coverage of the weeds is essential for good control.

**ADJUVANT RECOMMENDATIONS FOR HOODED SPRAYER APPLICATIONS**

Use Agral 90 or Ag-Surf at 0.25% v/v (0.25 litres per 100 litres of spray solution) or use Merge at 1% v/v (1 litre per 100 litres of spray solution).

Aim EC Herbicide may be applied to the row middles of the following emerged crops from crop groups listed below as well as grapes and strawberries using hooded sprayers in accordance with specific information in the Directions for Use section:

**Crop Group 1: Root and Tuber Vegetables** (Chinese artichoke; Jerusalem artichoke; garden beet; sugar beet; edible Burdock; carrot; celeriac; turnip-rooted chervil; chicory; ginseng; horseradish; turnip-rooted parsley; parsnip; potato; radish; oriental radish; rutabaga; salsify; black salsify; Spanish salsify; sweet potato; turnip)

**Crop Group 3: Bulb Vegetables** (garlic; great-headed garlic; leek; dry bulb onion; green onion; Welch onion; shallot)

**Crop Group 4: Leafy Vegetables (Except Brassica Vegetables)** (arugula; celery; Chinese celery; edible-leaved chrysanthemum; garland chrysanthemum; corn salad; garden cress; upland cress; dock; endive; Florence fennel; head lettuce; leaf lettuce; parsley; garden purslane; winter purslane; radicchio; rhubarb; spinach; Swiss chard)



29410 AIM-E.indd 17 9/5/08 11:55:07 AM

**Crop Group 5: Brassica (Cole) Leafy Vegetables** (broccoli; Chinese broccoli; raab broccoli; Brussels sprouts; cabbage; Chinese cabbage (bok choy); Chinese cabbage (napa); Chinese mustard cabbage; cauliflower; cavalo broccolo; collards; kale; kohlrabi; mizuna; mustard greens; mustard spinach; rape greens)

**Crop Subgroup 6: Legume Vegetable (Succulent or dried)** (bean (Lupinus spp.includes grain lupin, sweet lupin, white lupin, and white sweet lupin; Phaseolus spp.includes field bean, kidney bean, lima bean (dry), navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean; Vigna spp. includes adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean); broad bean; chickpea; lentil; pea (Pisum spp. includes dwarf pea, edible-pod pea, English pea, field pea, garden pea, green pea, snow pea, sugar snap pea); soybean)

**Crop Group 8: Fruiting Vegetables (Except Cucurbits)** (transplanted only) (eggplant; groundcherry; pepino; pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper); tomatillo; tomato)

**Crop Group 9: Cucurbit Vegetables** (transplanted only) (citron melon; cucumber; gherkin; Momordica spp. (includes bitter melon, Chinese cucumber); muskmelon (includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon); pumpkin; squash, summer (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini); squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon (includes hybrids and/or varieties of Citrullus lanatus))

**Crop Group 11: Pome Fruits** (apple; crabapple; mayhaw; pear; pear, oriental; quince)

**Crop Group 12: Stone Fruits** (apricot; sweet cherry; tart cherry; nectarine; peach; plum; Chickasaw plum; Damson plum; Japanese plum; plumcot; prune (fresh))

**Crop Group 13: Berries** (blackberry includes bingleberry, black satin berry, boysenberry, Cherokee blackberry, Chesterberry, Cheyenne blackberry, coryberry, darrowberry, dewberry, Dirksen thornless berry, Himalayaberry, hullberry, Lavacaberry, lowberry, Lucretiaberry, mammoth blackberry, marionberry, nectarberry, olallieberry, Oregon evergreen berry, phenomenalberry, rangeberry, ravenberry, rossberry, Shawnee blackberry, youngberry, and varieties and/



29410 AIM-E.indd 18 9/5/08 11:55:07 AM

or hybrids of these); blueberry; currant; elderberry; gooseberry; huckleberry; loganberry; raspberry, black and red)

**HARVEST AID TREATMENT**

Aim EC Herbicide may be applied prior to harvest to crops from the crop subgroup listed below as well as potatoes, soybeans, barley, millet, oats, sorghum, triticale and wheat. Refer to the PHI table for appropriate application.

**Crop Subgroup 6-C: Dried shelled pea and bean (except soybean)** (dried cultivars of bean (Lupinus spp. includes grain lupin, sweet lupin, white lupin, and white sweet lupin; Phaseolus spp. includes field bean, kidney bean, lima bean (dry), navy bean, pinto bean, tepary bean, bean; Vigna spp. includes adzuki bean, blackeyed pea, catjang, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean); broad bean (dry); chickpea; lentil; pea (Pisum spp. includes field pea)).

Make application when the crop is mature and the grain has begun to dry down, or according to Agriculture and Agri-Foods Canada recommendations in the use area.

**Aim EC HERBICIDE USE RATES USE RATES FOR HARVEST AID TREATMENT**

Apply Aim EC Herbicide at 73-117 mL per hectare, except for sorghum where the maximum rate is 73 mL per hectare and for potatoes where the maximum rate is 350 mL per hectare.

If a second burndown application is required for potatoes, use Reglone Dessicant at the rates listed on the label.

Make applications in spray volumes sufficient to provide complete coverage of foliage. Use a minimum of 100 litres of water.

**ADJUVANT RECOMMENDATIONS FOR HARVEST AID TREATMENT**

Use Agral 90 or Ag-Surf at 0.25% v/v (0.25 litres per 100 litres of spray solution) or use Merge at 1% v/v (1 litre per 100 litres of spray solution).

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G05R0B/B A-September 5, 2008



29410 AIM-E.indd 19 9/5/08 11:55:07 AM

**NOTES:**