

19-MAY-1999

AGRICULTURAL

BOOKLET

1 Litre

5 Litre

AMBUSH<sup>7</sup> EC

Emulsifiable Concentrate Insecticide

WARNING: Eye and Skin Irritant

CAUTION

POISON

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

Store above 0°C

GUARANTEE: permethrin 480 g per litre

REGISTRATION NO.: 25680 PEST CONTROL PRODUCTS ACT

ZENECA Agro,  
a business of ZENECA Corp.  
250-3115 12th Street N.E.  
Calgary, Alberta T2E 7J2

I98/A-1

AMBUSH EC is a synthetic pyrethroid insecticide of low mammalian toxicity. It is a fast acting stomach and contact insecticide with no systemic or fumigant effect.

#### PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

KEEP OUT OF REACH OF CHILDREN. May be harmful if swallowed, absorbed through the skin or inhaled. Causes eye and skin irritation. Avoid splashing concentrate in eyes or on hands or clothing. Avoid breathing vapours or spray mist. Wear long sleeve shirt, long pants, chemical resistant gloves and goggles during mixing/loading, clean-up and repair. Wear a respirator with an organic vapour cartridge when applying the product in enclosed

areas or when applied using airblast or mist blower equipment.

DO NOT APPLY BY GROUND EQUIPMENT WITHIN 15 M OF OR BY ANY AERIAL APPLICATION WITHIN 100M OF ANY BODY OF WATER, ESPECIALLY PRODUCTIVE FISHERIES WATER OR WATERFOWL HABITATS.

AERIAL APPLICATIONS SHOULD BE APPLIED IN LATE EVENING OR EARLY MORNING WHEN WIND SPEEDS ARE LESS THAN 10KPH. THIS PRODUCT IS VERY TOXIC TO FISH. DO NOT CONTAMINATE PONDS, LAKES, STREAMS OR RIVERS DURING SPRAYER FILLING OR RINSING OPERATIONS OR WHILE SPRAYING. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOUR DRIFT FROM THE TARGET AREA.

Cover crop or crop treated with AMBUSH should not be used as green feed for animals. This product is very toxic to bees; avoid spraying when bees are foraging. Spray deposit should be dry before bees commence foraging in treated crop. Re-entry to treated areas is permissible as soon as the spray deposit has dried.

#### FIRST AID

DANGER - This product contains a petroleum distillate, therefore, if swallowed, do not induce vomiting. Get medical attention or call poison control centre immediately. If patient is unconscious, give him air. If splashed in eyes, wash with plenty of clean water. If on skin, wash with soap and water. If inhaled, remove victim to fresh air, apply respiration if required and seek medical attention immediately.

#### TOXICOLOGICAL INFORMATION

This product contains petroleum distillate. Treat symptomatically for ingestion and/or skin and eye contact. Do not induce vomiting.

#### EMERGENCY TELEPHONE NUMBER

All hours, 1-800-327-8633 (FASTMED), ONLY for health and environmental information.

#### STORAGE

Store in a cool, dry, well ventilated area away from foodstuffs and out of the reach of children and animals. Keep product from freezing.

#### SPILL CLEANUP

Wear appropriate protective equipment (gloves, glasses, apron) when attempting to clean up the spill. If the container is leaking, secure leak and place the container into a drum or heavy gauge plastic bag. Contact ZENECA Agro (see EMERGENCY TELEPHONE NUMBER) for further information.

For spills and leaks; contain the liquid with dikes of inert material (soil, clay, kitty litter etc.). Absorb the spill onto inert material and shovel into a sealable waste container.

On hard surfaces - sprinkle spill area with detergent and scrub in a small quantity of water with a coarse broom. Let stand 10 minutes then absorb onto an inert material and shovel into the waste container.

On soil - remove the top 15 cm of soil in the spill area and replace with fresh soil. Dispose of all waste including scrub brush in accordance with provincial requirements. For more information on the disposal of waste and the clean up of spills, contact the Provincial Regulatory Agency or the manufacturer.

#### DISPOSAL

Rinse the empty container thoroughly and add the rinsings to the spray mixture in the tank. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of container in accordance with provincial requirements. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the manufacturer.

#### NOTICE TO USER

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

#### DIRECTIONS FOR USE

Ground Equipment Only  
(For Aerial Application See Page )

**PRECAUTION:** Do not apply by ground equipment within 15m of any body of water, especially within productive fisheries water or waterfowl habitats.

**TOBACCO (GREENHOUSE PLANTS):** Mix 8.6 mL in 50 L of water and apply 15 L of spray mixture to 100 m<sup>2</sup> of plant bed.

**TOBACCO (FIELD):** For control of dark-sided cutworm and white cutworm by methods given below, apply 146 mL/ha in 225 to 450 L of water using nozzle pressure of 175 to 350 kPa. Application of AMBUSH should be timed as close as possible to insect feeding activity which is greatest during the late evening and night.

**COVER CROP TREATMENT:** Apply once to rye or wheat cover when crop

is 10 to 15 cm high, 4-5 days before ploughdown. Application should also be made to fence rows and a 15 m strip into nearby cover crop.

**SOIL TREATMENT:** Apply once to the soil 5 days before transplanting. (Under dry soil conditions, use 286 mL per hectare). Do not incorporate. Do not disturb the soil surface for at least 5 days following treatment since mixing of AMBUSH with soil will reduce its effectiveness. Application should also be made to fence rows and a 15 m strip into nearby cover crop.

**POST-PLANTING TREATMENT:** Apply once to transplants immediately prior to anticipated cutworm feeding damage. Under conditions of severe insect pressure, application should also be made to fence rows and a 15 m strip into nearby cover crops. A follow-up treatment may be necessary if there are late developing cutworms. (Do not apply less than 55 days before harvest).

**Tank Mixing with DEVRINOL7 50-DF:** if timing of AMBUSH EC application coincides with that of DEVRINOL7 50-DF for weed control, a tank mix may be used. Follow directions on AMBUSH EC and DEVRINOL7 50-DF labels for appropriate timing, rates and precautions.

**CUTWORMS:** (Army, Black, Dark-sided, Pale western, Red-backed and White): To control these insects attacking seedlings (up to 5 leaves) and/or transplants of asparagus, beets, carrots, cereals, cole crops, corn, flax, lentils, lettuce, onions, peas, peppers, potatoes, rape, sugar beets and sunflowers apply 146 mL/ha in sufficient water for good coverage. Under dry soil conditions or on muck soil, apply 234-312 mL/ha. Where cutworms are large (near full maturity - 2.5 to 4 cm), use 234-312 mL/ha. Applications should be made under warm, moist conditions in the evening or at night when cutworm activity is highest. DO NOT DISTURB THE SOIL SURFACE FOR 5 DAYS AFTER TREATMENT.

**NOTE:** AMBUSH EC will only control surface feeding or climbing stages of cutworms.

**ASPARAGUS:** Cutworms: To control cutworms during the cutting season, make 1 broadcast application to bare soil after cutting when damage is first noticed. Apply 146 mL/ha in sufficient water for good coverage. Apply in the evening or at night when cutworm activity is highest. Do not apply within 2 days of harvest.

**COLE CROPS** (Cabbage, Cauliflower, Broccoli, Brussels Sprouts): Cabbage Looper, Imported Cabbage Worm, Diamondback Moth Larvae and Crucifer Flea Beetle: Apply 73 to 146 mL in 400 to 675 L of water per hectare on a 7 to 10 day schedule when insects or insect damage first appear. Add AGRAL R 90 wetting agent at 300 mL per

1000 L of water to improve wetting and coverage. For severe infestation use 146 mL per hectare. May be applied up to 3 days before harvest of cabbage, cauliflower and brussels sprouts and up to 7 days before harvest of broccoli.

CHINESE BROCCOLI: Cabbage Looper, Diamondback Moth Larvae, Imported Cabbage Worm: Apply 73 to 146 mL in 400 to 675 L of water per hectare on a 7 to 10 day schedule when insects or insect damage first appear. Add AGRAL 90 wetting agent at 300 mL per 1000 L of water to improve wetting and coverage. For severe infestation use 146 mL per hectare. May be applied up to 7 days before harvest. Do not make more than 4 applications per year.

MUSHROOMS (Mushroom House and Adjacent Premise Areas): Mushroom flies (Sciarid and Phorid Adults) - Apply a fogging or aerosol treatment at the rate of 52 to 68 mL per 1 litre of water per 1,000 M<sup>3</sup>.

Preparation of the building prior to fogging:

- 1) Close all doors, windows and ventilators.
- 2) Lock or barricade all entrances, turn off pilot lights, post warning signs and take precautions to prevent persons and animals from entering the area.

Use prior to filling, during cool down, during spawning, up to pinning and between breaks.

NOTE: Do not apply more than two application between each break. with maximum of 10 applications during cropping. Do not apply within one day of picking. Do not use when air temperature is less than 12°C or greater than 30°C. Use above 30°C could reduce the effectiveness of AMBUSH EC.

Depending upon fly populations and crop stage, treat once daily or as needed. However, do not make more than 20 applications prior to pinning of first break. Routine procedures for reducing background populations need to be carefully followed to ensure adequate adult fly control in the crop and to reduce the necessity for pesticide applications.

Consult provincial mushroom specialist for details of Integrated Pest Management programs to be followed for sciarid and phorid fly control. Length of exposure time should be limited to one hour, then ventilate the mushroom house. Use fans to ventilate in houses that do not have forced air circulation.

PAK-CHOI and CHINESE CABBAGE: Cabbage Looper, Imported Cabbage Worm, Diamondback Moth Larvae: Apply 146 mL in 400 to 675 L of water per hectare on a 7 to 10 day schedule when insects or insect

damage first appear. Add AGRAL R 90 wetting agent at 300 mL per 1000 L of water to improve wetting and coverage. May be applied up to 3 days before harvest. Do not make more than 4 applications.

PEANUTS: Potato Leafhopper: Apply 146 mL/ha in sufficient water for thorough coverage when infestation exceeds 2 leafhoppers per plant. Repeat as required. Do not apply within 14 days of harvest.

PEPPERS: European Corn Borer: Apply 146 mL/ha when corn borer appears in your area and repeat every 7 days. Corn borer will be present from the end of July to mid-September. Do not apply within 1 day of harvest.

POTATOES: Colorado Potato Beetle, Potato Flea Beetle, Potato Leafhopper, Tarnished Plant Bug: Apply 146 to 208 mL/ha in sufficient water to give thorough coverage of plants. Use the higher rate for heavy infestations. Repeat as required. Variegated (Climbing) Cutworm: Apply 146 mL per hectare when insects or damage appear - usually late July or during August, depending on location. Good control is dependent on spray penetration of dense foliage. Do not apply within 1 day of harvest.

RADISH: Crucifer Flea Beetle: Apply 146 mL/ha when insects or insect damage appears. Repeat if required but do not apply within 2 days of harvest.

HORSERADISH: Crucifer Flea Beetle: Apply 146 mL/ha in sufficient water for good coverage at first sign of infestation. Repeat if required but do not apply within 2 days of harvest.

SNAP BEANS: European Corn Borer: Apply 208 mL/ha at the first sign of infestation. Repeat if necessary. Do not apply within 7 days of harvest.

SWEET CORN: European Corn Borer and Corn Earworm: Apply 208 to 286 mL in 325 to 450 L of water per hectare using a boom and nozzle arrangement to ensure thorough spray coverage. Use the higher rate when severe insect pressure is anticipated. Spray not later than when first feeding is seen on foliage. For second brood borers in late plantings, apply before tassels show. For control of Corn Earworm, direct spray to ensure coverage of ears and silks. For the number and timing of repeat applications follow customary spray schedule in your region. Consult provincial spray calendar. Fall Armyworm: Apply 146 mL/ha. This treatment will not prevent internal cob damage if insect has penetrated ear. Do not apply within one day of harvest.

TOMATOES: Colorado Potato Beetle, Potato Flea Beetle, Tomato Hornworm and Variegated (Climbing) Cutworm - Apply 146 to 208

mL/ha in sufficient water to give thorough coverage. Greenhouse Whitefly - Apply 292 mL/ha. Tomato Fruitworm (corn earworm) - Apply 208 to 292 mL/ha using the higher rate for heavy infestations. NOTE: Tomato Fruitworm that has entered the fruit will not be controlled. Repeat above sprays as needed. Do not apply within 1 day of harvest.

TURNIPS: Crucifer Flea Beetle: Apply 146 mL/ha at the 2-8 leaf stage when insects or insect damage appears. Repeat if required but not later than the 8 leaf stage.

FRUITS: Apples, Pears, Peaches, Nectarines, Grapes and Blueberries: For all crops listed below, use sufficient water for thorough coverage. Follow provincial spray calendars for optimum timing of spray applications. Where a rate range is suggested, use the higher rate only when heavy insect pressure is anticipated.

NOTE: REPEATED APPLICATIONS ARE NOT ADVISED IN ORCHARDS WHERE INTEGRATED PEST MANAGEMENT IS IN EFFECT BECAUSE SEVERE REDUCTIONS OF BENEFICIAL ARTHROPODS MAY RESULT.

APPLES: Winter Moth, Eastern Tent Caterpillar - Apply 208 mL/ha. Eye-spotted Budmoth: Apply 208 to 416 mL/ha. Plum Curculio, White Apple Leafhopper - Apply 286-416 mL/ha. Tentiform Leafminer, Green Fruitworm, Apple Maggot, Leafrollers, Tarnished Plant Bug, Mullein Plant Bug, Lesser Appleworm, Codling Moth: Apply 416 mL/ha . Follow provincial spray calendars for optimum timing of spray applications. Do not apply less than 7 days before harvest.

Apple Bark Borer, Dogwood Bark Borer - Mix 18 mL in 100 L of water with 2 L of Superior Oil. When monitoring indicates adults are active (late June to early August), apply to apple trunks as drench spray to runoff using a knapsack, handgun or airblast sprayer. A second application may be applied 14 days later if adults continue to be present. Do not apply within 7 days of harvesting.

PEARS: Eastern Canada - Pear Psylla (adults and nymphs), Codling Moth, Green Fruitworm: Apply 416 mL/ha. Do not apply less than 7 days before harvest.

British Columbia - Pre-bloom Pear Psylla (overwintering adults): Apply 416 mL/ha up to 1 cm green stage of pear foliage growth. Do not use in British Columbia for control of nymphal stages of pear psylla. Post-Bloom - Pear Psylla: Apply 416 to 885 mL/ha. Do not apply less than 7 days before harvest at the 416 mL rate and less than 14 days before harvest at the 885 mL rate. Codling Moth: Apply 416 mL/ha. Do not apply less than 7 days before harvest.

PEACHES and NECTARINES: Oriental Fruit Moth: Apply 208 to 416 mL/ha. Plum Curculio and Plant Bugs: Apply 416 mL/ha. Do not apply less than 7 days before harvest.

PLUMS: Plum Curculio: Apply 443 mL/ha. Do not apply within 7 days of harvest.

GRAPES: Grape Berry Moth: Apply 286 mL/ha. Grape Leafhopper: Apply 146 mL/ha. Do not apply less than 7 days before harvest.

BLUEBERRIES (Vegetative year only): Thrips: Apply 146 mL/ha in one application between mid May and early June when plants are 1 to 2 cm tall.

ORNAMENTAL TREES AND SHRUBS AND COMMERCIAL NURSERIES: For insect control on trees and shrubs of ornamental value only (excluding Woodlands). Balsam Fir, Douglas-Fir, Larch (Tamarack), Pine Trees and Spruce: Douglas-Fir Tussock Moth, White-Marked Tussock Moth, Spruce Budworm, Coneworm and Open Feeding Sawflies: Apply 36-73 mL per hectare using application equipment available and dilutions suitable to equipment. Make one application per season. Applications should be calculated and made on the basis of volume per tree to ensure proper coverage while limiting off-target spray.

Other Coniferous Trees and Shrubs: Control of the above listed insects on coniferous tree and shrub species not listed above is acceptable provided the species is tested for phytotoxic effect prior to use. Spray a small, inconspicuous portion of the tree or shrub under test and wait for 24 hours to see if any adverse effects appear. Deciduous Trees and Shrubs: Eastern Tent Caterpillar, Euonymus Webworm, Fall Webworm, Forest Tent Caterpillar and Open Feeding Aphids: Apply 73 mL per 1000 L of water as a dilute spray (for mist blowers use 75 L of water). Apply when insects are first noticed.

Seedling Tree Nurseries: For cutworm control, apply 146 mL/ha. Application should be made under warm, moist conditions when larvae are small (up to 2.5 cm).

APPLICATION EQUIPMENT: The control achieved in any spray operation depends on the care taken during application. The correct type of equipment for the job should be selected. Powered, high-pressure sprayers and mist blowers are most suitable for treating large trees (or stands of trees) that are readily accessible from the ground.

High-pressure sprayers deliver a large volume of dilute spray mixture, and a sufficient quantity should be used to wet all of



the foliage. Mist blowers are designed to apply a low volume of a concentrated insecticide mixture, and only enough should be used to moisten the foliage.

Hand-pumped sprayers are usually adequate for treating medium-sized ornamentals up to 4.5 m in height. Mix AMBUSH EC as for dilute spraying.

FORESTRY NURSERY GREENHOUSES: Conifer seedlings (spruce, pine, cedar, yew, juniper): Strawberry Root Weevil: Apply 52 mL of product per 100 L of water to runoff when adults emerge and before laying begins. One application correctly timed per season should give control of adults. A second treatment may be made 21 days after monitoring shows continued presence of adults.

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NATURE OF RESTRICTION: To be used only in the manner authorized; contact provincial regulatory authorities about use permits which may be required.

#### RESTRICTED USES:

COMMERCIAL WOODLAND USE: Apply by ground application only. Use in Christmas tree plantations, high valued stands used for seed production and other high valued woodland areas that are extensively managed. Contact provincial or federal forestry and/or fisheries officials for advice before local spraying of woodlands. This product must be used in Woodlands under supervision of Provincial or Federal forestry officials.

Balsam Fir, Douglas-Fir, Larch (Tamarack), Pine Trees and Spruce: Douglas-Fir Tussock Moth, White-Marked Tussock Moth, Spruce Budworm, Spruce Coneworm and Open Feeding Sawflies: Apply 36-73 mL per hectare using application equipment available and dilutions suitable to equipment. Make one application per season. Applications should be calculated and made on the basis of volume per tree to ensure proper coverage while limiting off-target spray.

Other Coniferous Trees and Shrubs: Control of the above listed insects on coniferous tree and shrub species not listed above is acceptable provided the species is tested for phytotoxic effect prior to use. Spray a small, inconspicuous portion of the tree or shrub under test and wait for 24 hours to see if any adverse

effects appear.

Deciduous Trees and Shrubs: Eastern Tent Caterpillar, Euonymis, Webworm, Fall Webworm, Forest Tent Caterpillar, and Open Feeding Aphids: Apply at the rate of 73 mL per 1000 L of water as a dilute spray (for mist blowers use 75 L of water). Apply when insects are first noticed. Seedling Trees in Reforestation Areas: For Cutworm control, apply 146 mL/ha. Application should be made under warm, moist conditions and when larvae are small (up to 2.5 cm).

APPLICATION EQUIPMENT: The control achieved in any spray operation depends on the care taken during application. The correct type of equipment for the job should be selected. Powered, high-pressure sprayers and mist blowers are most suitable for treating large trees (or stands of trees) that are readily accessible from the ground.

High-pressure sprayers deliver a large volume of dilute spray mixture, and a sufficient quantity should be used to wet all of the foliage.

Mist blowers are designed to apply a low volume of a concentrated insecticide mixture, and only enough should be used to moisten the foliage. Hand-pumped sprayers are usually adequate for treating medium-sized ornamentals up to 4.5 m in height. Mix AMBUSH EC as for dilute spraying.

PRECAUTION: WHEN USING AS DIRECTED IN WOODLANDS, DO NOT APPLY WITHIN 100 M OF PRODUCTIVE FISHERY WATERS OR WATERFOWL HABITATS. SEE ADDITIONAL PRECAUTIONS ON THIS LABEL.

CLUSTER FLIES: Cluster flies are members of the fly family (Diptera) and resemble house flies. They are distinguished by their sluggish and erratic behaviour and by wings that overlap when at rest. They derive their name from their habit of entering a building in the fall and clustering together to overwinter. The search for protected places to overwinter begins as days shorten in mid-August. Warm sunny walls draw the flies as the climate cools during this search. This offers an opportunity to control the fly population outside the building.

Outdoor Control: Cluster flies: Prepare a spray mixture of 104 mL in 10 L of water. Spray this mixture to the outside walls, including under the eaves, soffits and window trim where applicable, of barracks, mess halls, drill halls, hangers, warehouses, equipment buildings, farm buildings and other buildings where cluster flies have become a nuisance. Apply at the approximate rate of 10 L of spray mixture per 100 M<sup>2</sup>. The effective time of application is between mid-August and the end of

September depending on weather conditions.

SPIDERS: Mix 104 mL in 10 L of water and spray this mixture to areas where spiders congregate especially under eaves and soffits of buildings. Apply when heavy infestation of spiders are observed.

#### DIRECTIONS FOR USE

##### Aerial Application

AMBUSH may be applied twice per season by this method on snap beans. AMBUSH may be applied only once per season by this method for pale western cutworm and on potatoes and sweet corn.

PRECAUTION: DO NOT APPLY ANY AERIAL APPLICATION WITHIN 100 M OF ANY BODY OF WATER, ESPECIALLY PRODUCTIVE FISHERIES WATER OR WATERFOWL HABITATS. APPLY LATE EVENING OR EARLY MORNING WHEN WIND SPEEDS ARE LESS THAN 10 KPH.

POTATOES: Potato Flea Beetle, Colorado Potato Beetle, Potato Leafhopper, Tarnished Plant Bug: Apply 146 to 208 mL/ha in 20 to 45 L of water.

PALE WESTERN CUTWORM: To control this insect attacking seedlings (up to 5 leaves) of cereals, corn, flax, potatoes, rape (canola), sugar beets, sunflowers, peas, lentils and other crops meeting the criteria of seedlings up to 5 leaves, apply 146 mL/ha in sufficient water for good coverage. Under dry soil conditions or where cutworms are large (near full maturity - 2.5 to 4 cm) use 234 to 312 mL per hectare. NOTE: AMBUSH EC will only control surface feeding stages of cutworms.

SNAP BEANS: European Corn Borer: Apply 208 mL/ha in 20 to 45 L of water at the first sign of infestation. Do not apply within 7 days of harvest.

SWEET CORN: European Corn Borer and Corn Earworm: Apply 208 to 286 mL in 20 to 45 L of water per hectare. Use the higher rate when severe insect pressure is anticipated. Spray not later than when first feeding is seen on foliage. For second brood borers in late plantings, apply before tassels show. For control of Corn Earworm spray to ensure coverage of ears and silks. Fall Armyworm: Apply 146 mL/ha. This treatment will not prevent internal cob damage if insect has penetrated ear. Do not apply within one day of harvest.

#### NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons

or property arising from the use or handling of this product and accepts the product on that condition.

AMBUSH is a registered trademark of Zeneca Ltd., England.  
DEVIRINOL is a registered trademark of Zeneca Inc., USA.  
Canadian Patent No. 1008455

Container Label

AGRICULTURAL

1 Litre  
5 Litre

AMBUSH EC

Emulsifiable Concentrate Insecticide

WARNING: Eye and Skin Irritant

CAUTION POISON

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

Store above 0°C

GUARANTEE: permethrin 480 g per litre

REGISTRATION NO.: 25680 PEST CONTROL PRODUCTS ACT

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a business of ZENECA Corp.  
250-3116 12th Street N.E.  
Calgary, Alberta T2E 7J2

I98/A-1  
Canadian Patent No. 1008455

AMBUSH EC is a synthetic pyrethroid insecticide of low mammalian toxicity. It is a fast acting stomach and contact insecticide with no systemic or fumigant effect.

## PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

KEEP OUT OF REACH OF CHILDREN. May be harmful if swallowed, absorbed through the skin or inhaled. Causes eye and skin irritation. Avoid splashing concentrate in eyes or on hands or clothing. Avoid breathing vapours or spray mist. Wear long sleeve shirt, long pants, chemical resistant gloves and goggles during mixing/loading, clean-up and repair. Wear a respirator with an organic vapour cartridge when applying the product in enclosed areas or when applied using airblast or mist blower equipment.

DO NOT APPLY BY GROUND EQUIPMENT WITHIN 15 M OF OR BY ANY AERIAL APPLICATION WITHIN 100M OF ANY BODY OF WATER, ESPECIALLY PRODUCTIVE FISHERIES WATER OR WATERFOWL HABITATS.

AERIAL APPLICATIONS SHOULD BE APPLIED IN LATE EVENING OR EARLY MORNING WHEN WIND SPEEDS ARE LESS THAN 10KPH. THIS PRODUCT IS VERY TOXIC TO FISH. DO NOT CONTAMINATE PONDS, LAKES, STREAMS OR RIVERS DURING SPRAYER FILLING OR RINSING OPERATIONS OR WHILE SPRAYING. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOUR DRIFT FROM THE TARGET AREA.

Cover crop or crop treated with AMBUSH should not be used as green feed for animals. This product is very toxic to bees; avoid spraying when bees are foraging. Spray deposit should be dry before bees commence foraging in treated crop. Re-entry to treated areas is permissible as soon as the spray deposit has dried.

## FIRST AID

DANGER - This product contains a petroleum distillate, therefore, if swallowed, do not induce vomiting. Get medical attention or call poison control centre immediately. If patient is unconscious, give him air. If splashed in eyes, wash with plenty of clean water. If on skin, wash with soap and water. If inhaled, remove victim to fresh air, apply respiration if required and seek medical attention immediately.

## TOXICOLOGICAL INFORMATION

This product contains petroleum distillate. Treat symptomatically for ingestion and/or skin and eye contact. Do not induce vomiting.

## EMERGENCY TELEPHONE NUMBER

All hours, 1-800-327-8633 (FASTMED), ONLY for health and environmental information.

DISPOSAL

Rinse the empty container thoroughly and add the rinsings to the spray mixture in the tank. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of container in accordance with provincial requirements. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the manufacturer.

NOTICE TO USER

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04-JUN-1999

AGRICULTURAL

SUPPLEMENTAL LABEL

For control of the Fourlined Plant Bug  
on North American Ginseng

AMBUSH<sup>7</sup> EC

Emulsifiable Concentrate Insecticide

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GUARANTEE: permethrin 480 g per litre

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#### PRECAUTIONS

##### KEEP OUT OF REACH OF CHILDREN

Avoid splashing concentrate in eyes or on hands. When applying this product in enclosed areas or with equipment capable of producing respirable spray droplets (less than 10 microns in size), an adequate respirator should be worn.

DO NOT APPLY BY GROUND EQUIPMENT WITHIN 15 M OF OR BY ANY AERIAL APPLICATION WITHIN 100M OF ANY BODY OF WATER, ESPECIALLY PRODUCTIVE FISHERIES WATER OR WATERFOWL HABITATS.

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#### DIRECTIONS FOR USE

NOTE TO BUYER/USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS.

The DIRECTIONS FOR USE for this product for the use (s) described on the Supplementary Label were developed by persons other than Zeneca Agro and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Zeneca Agro itself makes no representation or warranty with respect to performance (efficacy) and/or tolerance (phytotoxicity) claims for this product when used on the crop (s) listed on this Supplementary Label.

Accordingly, the Buyer and User assume all liability arising, and agree to hold Zeneca Agro harmless from any claims based on efficacy and/or phytotoxicity in connection with the use (s) described on this Supplementary label.

North American Ginseng - Fourlined Plant Bug: Apply 208 mL/ha of AMBUSH EC in sufficient water. Maximum of two applications per year; ground only. Preharvest interval is 40 days. Application timing determined by scouting.

#### NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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