19-DEC-2001

**Notification Change** 

**Bayer Cropscience Inc.** 

**Contents: 10.8 LITRES** (2.4 GALLONS)

### **EXCEL SUPER (R) EW HERBICIDE**

FOR POST-EMERGENCE CONTROL OF WILD OATS, GREEN AND YELLOW FOXTAIL, BARNYARD GRASS, VOLUNTEER BARLEY AND OTHER ANNUAL GRASSY WEEDS IN RAPESEED (CANOLA), TAME MUSTARD, FLAX, POTATOES, SUNFLOWERS AND OTHER LISTED CROPS.

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

#### COMMERCIAL

**CAUTION - SKIN IRRITANT AND POTENTIAL SKIN SENSITIZER WARNING - EYE IRRITANT** 

> **REGISTRATION NO.: 22288** PEST CONTROL PRODUCTS ACT

**GUARANTEE**: Fenoxaprop-p-ethyl 67 grams per litre (0.67 LBS/GAL)

**Notification Change** 

Aventis CropScience Canada Co. Bayer Cropscience Inc. 295 Henderson Drive Regina, SK S4N 6C2 Telephone: 1-888-AVENTIS (1-888-283-6847)

Suite 100 3131-114th Ave. S.E. Calgary, AB T2Z 3X2

READ THE LABEL AND ATTACHED DIRECTIONS FOR USE BEFORE USING.

#### **PRECAUTIONS:**

KEEP OUT OF REACH OF CHILDREN. CAUSES EYE AND SKIN IRRITATION. MAY CAUSE EYE DAMAGE. AVOID CONTACT WITH EYES, SKIN, OR CLOTHING. AVOID BREATHING SPRAY MIST. PROTECTIVE EYE EQUIPMENT MUST BE WORN. TO MINIMISE EXPOSURE, THE FOLLOWING PRECAUTIONS SHOULD BE FOLLOWED WHEN USING EXCEL SUPER:

- Wear protective clothing such as coveralls, a long-sleeved shirt, chemical-resistant gloves, and goggles or face shield.
- Change contaminated clothing daily and wash before reuse.
- Do not handle product with bare hands. Chemical-resistant gloves significantly reduce hand exposure. It is important to wear gloves for mixing/loading operation and when making sprayer and nozzle repairs and adjustments. DO NOT USE LEATHER OR CLOTH GLOVES.
- Rinse gloves with soap and water before removal and wash hands thoroughly before eating, smoking or drinking.
- Avoid spray drift to susceptible plants and USE ONLY FOR RECOMMENDED PURPOSES AND AT RECOMMENDED RATES. Keep in original containers during storage.
- If this 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., contact 1-866-375-4648 or <a href="www.cropro.org/">www.cropro.org/</a>.

## ENVIRONMENTAL PRECAUTIONS: CAUTION:

- TOXIC TO FISH. Do not apply within 15 metres (50 feet) of a body of water or wetland area. Do not contaminate water supply, ponds, lakes, rivers, streams and irrigation ditches by direct application, spray drift or when cleaning and rinsing spray equipment or containers.
- This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application.
   DO NOT contaminate these systems through direct application, disposal of waste or cleaning equipment.

#### STORAGE:

CANNOT be stored below freezing. If stored for one year or longer, shake well before using. Store the tightly closed container away from seeds, feeds, fertiliser, plants and foodstuffs. Keep in original container during storage.

#### RECYCLABLE CONTAINER 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- 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.

#### DISPOSAL OF UNUSED, UNWANTED PRODUCT:

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 cleanup of spills.

#### WASTE DISPOSAL:

If any spray solution remains in the tank after spraying is finished, it should be sprayed on the perimeter of the field just sprayed, NOT ON THE CROP, away from water supplies, ditches and irrigation canals.

#### FIRST AID:

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

If swallowed DO NOT induce vomiting but rush patient to nearest hospital taking this labelled container or directions for use with you, or contact a poison control centre.

In case of skin contact, remove contaminated clothing and wash skin thoroughly with soap and water.

If in eyes, flush with plenty of water for 15 minutes and take patient to hospital at once, or contact a poison control centre.

If inhaled, remove patient from site of exposure.

#### TOXICOLOGICAL INFORMATION:

This product contains PETROLEUM DISTILLATES. Medical Personnel should contact Aventis' Medical Information Services, Toll-Free: 1-800-334-7577.

#### **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.

#### **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.

Aventis and Excel are registered trademarks of the Aventis Group

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READ THE LABEL CAREFULLY BEFORE USING

#### **DIRECTIONS FOR USE**

#### **GENERAL INFORMATION:**

EXCEL SUPER is a specially formulated herbicide for the control of certain annual grasses and volunteer cereals in Rapeseed (Canola, including Triazine Tolerant Canola), Tame Mustard, Flax, Sunflowers, Potatoes, Peas (Field and Processing), Lentils and other listed crops.

EXCEL SUPER MUST NOT BE USED IN ANY CROP FOR WHICH IT IS NOT REGISTERED.

#### **SUSCEPTIBLE WEEDS:**

EXCEL SUPER controls the following annual grassy weeds: Wild Oats, Green and Yellow Foxtail (Wild Millet, Pigeon Grass), Barnyard Grass, Volunteer Barley, Volunteer Corn.

EXCEL SUPER does not control quackgrass (couch or twitch Grass), sedges or other perennial grasses.

#### TIME OF APPLICATION:

Apply EXCEL SUPER when the majority of the annual grassy weeds are in the 1-6 leaf stage (5-25 cm or 2-10 inches in height for volunteer corn). Volunteer barley should be in the 3-6 leaf stage for optimum control. For best results and greater yield enhancement apply EXCEL SUPER when annual grassy weeds are small and actively growing. Thorough spray coverage of the foliage is essential for effective annual grass control.

#### ANNUAL GRASSY WEEDS

#### TIME OF APPLICATION

| Wild Oats                   | 1-6 leaf stage    |
|-----------------------------|-------------------|
| Green and Yellow Foxtail    | 1-6 leaf stage    |
| (Wild Millet, Pigeon Grass) | <u> </u>          |
| Barnyard Grass              | 1-6 leaf stage    |
| Volunteer Barley            | 3-6 leaf stage    |
| Volunteer Corn              | 5-25 cm (2-10 in) |

#### METHOD OF APPLICATION:

Apply EXCEL SUPER in a minimum of 110 litres of water per hectare (10 gallons per acre) at a pressure of 275 kPa (40 psi) and at a ground speed of 6 to 8 km per hour (4-5 mph). The use of 80 degree or 110 degree stainless steel flat fan nozzles is highly recommended for optimum spray coverage.

- . DO NOT USE FLOOD JET NOZZLES, CONTROLLED DROPLET APPLICATION EQUIPMENT OR SPRAFOIL (R) EQUIPMENT.
- . UNIFORM, THOROUGH SPRAY COVERAGE IS IMPORTANT TO ACHIEVE CONSISTENT ANNUAL GRASSY WEED CONTROL.

Application of the spray at a 45 degree angle forward will result in better spray coverage. Application rates and timing are shown on this label. Apply when annual grassy weeds are young and actively growing.

- . DO NOT APPLY EXCEL SUPER IF RAIN IS EXPECTED WITHIN THREE HOURS OF APPLICATION.
- . DO NOT APPLY EXCEL SUPER BY AIRCRAFT.

#### **CROPS:**

EXCEL SUPER MAY BE APPLIED TO THE FOLLOWING CROPS:
BROCCOLI, BUCKWHEAT, CABBAGE, CAULIFLOWER, FLAX, LENTILS, TAME
MUSTARD, ONIONS (DRY BULB ONLY), PEAS (FIELD AND PROCESSING),
POTATOES, RAPESEED (CANOLA, INCLUDING TRIAZINE TOLERANT CANOLA),
SUNFLOWERS, SEEDLING ALFALFA, RED CLOVER, ALSIKE CLOVER, WHITE
CLOVER, SWEET CLOVER, SANFOIN, BIRD'S FOOT TREFOIL, CICER MILKVETCH.

#### PRE-HARVEST INTERVALS:

THE FOLLOWING INTERVALS MUST BE OBSERVED BETWEEN APPLICATION AND HARVEST ON THE FOLLOWING CROPS:

#### CROP PRE-HARVEST INTERVAL (DAYS)

| Cabbage, Potatoes                    | 35 days  |
|--------------------------------------|----------|
| Onions (Dry Bulb only)               | 38 days  |
| Cauliflower                          | 43 days  |
| Broccoli                             | 44 days  |
| Flax, Tame Mustard                   | 60 days  |
| Rapeseed (Canola, including Triazine |          |
| Tolerant Canola)                     | 70 days  |
| Peas (Field and Processing)          | 75 days  |
| Lentils                              | 82 days  |
| Buckwheat                            | 90 days  |
| Sunflowers                           | 100 days |

#### **RATE OF APPLICATION:**

FOR THE CONTROL OF GREEN AND YELLOW FOXTAIL, WILD OATS, VOLUNTEER BARLEY, BARNYARD GRASS AND VOLUNTEER CORN:

Rapeseed (Canola including Triazine Tolerant Canola), Peas (Field & Processing), Tame Buckwheat and Tame Mustard 1.33 litres per hectare (19 fluid ounces per acre) One 10.8-Litre jug (2.4 gal) treats 8.1 hectares (20 acres).

Broccoli, Cabbage, Cauliflower, Flax Lentils, Onions (dry bulb), Potatoes, Sunflowers 1.5 litres per hectare (22 fluid ounces per acre. One 10.8-Litre jug (2.4 gal) treats 7.2 hectares (17.8 acres).

Seedling Alfalfa, Red Clover, Alsike Clover, White Clover, Sweet Clover, Sainfoin, Bird's Foot Trefoil, and Cicer Milkvetch for Seed and Forage

100 g. ai/ha in 110 litres of water per hectare (10 gallons of water per acre).

#### **MIXING INSTRUCTIONS:**

- 1. Ensure that spray tank is thoroughly clean. (See Cleaning instruction in no. 8).
- 2. Fill tank half full with clean water and start agitation or by-pass system.
- 3. If a broadleaf herbicide is to be used, refer to the section on TANK MIX COMBINATIONS WITH EXCEL SUPER. Add the broadleaf herbicide FIRST (before adding EXCEL SUPER) and agitate.
- 4. Add the correct amount of EXCEL SUPER and continue agitation.
- 5. Add the remaining amount of water and continue agitation.
- 6. Spray out immediately. Spray mixture should not be left in tank overnight.
- 7. When mixing second and subsequent tankfulls, ensure that the tank is half full of clean water prior to adding herbicide.
- 8. Before and after using EXCEL SUPER complete a thorough cleaning of the spray tank, lines and filter. This can be particularly important when the previously sprayed product may cause injury to the crop you intend to spray. Spray equipment should be triple rinsed using a strong detergent solution. A scrubbing of the tank is also highly recommended.

#### NOTE:

THOROUGHLY CLEAN THE SPRAY TANK AFTER APPLYING EXCEL SUPER AND BEFORE APPLICATION OF ANY OTHER PESTICIDE.

#### TANK MIX COMBINATIONS WITH EXCEL SUPER:

EXCEL SUPER can be tank mixed with the following herbicides for the control of both annual grassy and broadleaf weeds.

RAPESEED (CANOLA, including TRIAZINE TOLERANT CANOLA):

Mix EXCEL SUPER at 1.33 litres of product per hectare (19 ounces per acre) with Lontrel (R) for the control of Wild Oats,

Green and Yellow Foxtail, Volunteer Barley, Canada Thistle and certain broadleaf weeds. Use the lower rate of LONTREL in the tank

mixture.

TRIAZINE TOLERANT CANOLA:

Mix EXCEL SUPER at 1.33 litres of product per hectare (19 ounces per acre) with

Bladex (R) Liquid for the control of Wild

Oats, Green and Yellow Foxtail, Volunteer Barley, Wild

Mustard, Stinkweed and other broadleaf weeds.

DO NOT USE ON ANY OTHER VARIETIES OF

CANOLA.

#### **CAUTION:**

For more specific details regarding the required rates of broadleaf herbicide in the various TANK MIX COMBINATIONS WITH EXCEL SUPER consult the respective broadleaf herbicide labels.

#### **CAUTION:**

If annual grassy weeds are in the correct stage for EXCEL SUPER application before broadleaf weeds have emerged, DO NOT DELAY EXCEL SUPER APPLICATION.

#### **CAUTION:**

Under certain environmental conditions (for example, stress due to lack of moisture, prolonged periods of either cold or excessively hot daytime temperatures or low humidity), when plants are not actively growing, application of a tank mixture should be avoided.

#### **CAUTION:**

Do not graze the treated crops or cut for hay; there are not sufficient data available to support such use.

#### **CAUTION:**

Do not mix EXCEL SUPER with pesticides, fertilisers or any other chemical additives (except those registered for use with EXCEL SUPER).

#### **CAUTION:**

A time interval of four (4) days before or after application of EXCEL SUPER is required before any pesticide or other chemical is applied (except registered EXCEL SUPER tank mixes).

#### **CAUTION:**

During periods of stress, plants are not actively growing. When daytime temperatures are very hot (28 °C or 82 °F) and/or conditions are very dry and/or there is low humidity, plants are under stress. Application of EXCEL SUPER during these periods may result in substantially reduced weed control. Under these conditions yellow blotches may appear on crop leaves. These blotches will be rapidly outgrown and will not affect maturity or yield.

#### **CAUTION:**

UNIFORM, THOROUGH COVERAGE IS IMPORTANT TO ACHIEVE GOOD CONTROL. If weed populations are extremely high, it may be difficult to achieve good coverage as spray penetration may be inhibited. Apply the spray at a forward angle of 45 degrees, and ensure that weeds are young and actively growing.

#### PRECAUTIONS:

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#### **WASTE DISPOSAL:**

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#### FOR MORE INFORMATION CONTACT:

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