Notification Change

Bayer Cropscience Inc.

Aventis

GROUP

**HERBICIDE** 

READ LABEL AND ATTACHED BOOKLET BEFORE USING

Contents: 3.6 LITRES (0.78 GALLONS)

# EXCEL SUPER EW HERBICIDE



FOR POST-EMERGENCE CONTROL OF GREEN AND YELLOW FOXTAIL, BARNYARD GRASS, CRABGRASS, FALL PANICUM AND OTHER ANNUAL GRASSES IN RAPESEED (CANOLA INCLUDING TRIAZINE TOLERANT CANOLA), SOYBEANS, POTATOES, DRY COMMON BEANS, AND OTHER LISTED CROPS

FOR SALE FOR USE IN EASTERN CANADA AND BRITISH COLUMBIA ONLY

## **AGRICULTURAL**

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

**REGISTRATION NO.: 21910**PEST CONTROL PRODUCTS ACT

**WARNING** - EYE IRRITANT

**CAUTION - SKIN IRRITANT AND** 

POTENTIAL SKIN SENSITIZER

Notification Change

Aventis CropScience Canada Co. 295 Henderson Drive Regina, Saskatchewan S4N 6C2

Telephone: 1-888-AVENTIS (1-888-283-6847)

Bayer Cropscience Inc. Suite 100 3131-114th Ave. S.E. Calgary, AB T2Z 3X2 **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, fertilizer, 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.

**DISPOSAL OF UNUSED SPRAY SOLUTION:** 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 over crop just sprayed, away from water supplies, ditches, and irrigation ditches.

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

- Wear protective clothing such as coveralls, a long-sleeved shirt and impermeable rubber gloves, and goggles or face shield.
- Change contaminated clothing daily and wash before reuse.
- Do not handle product with bare hands. Impermeable 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 container during storage.

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., contact 1-866-375-4648 or <a href="https://www.cropro.org/">www.cropro.org/</a>.

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.

**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.

**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 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 clean water for 15 minutes and take patient to hospital at once, taking this labelled container with you, or contact a poison control centre. If inhaled remove patient from site of exposure.

**TOXICOLOGICAL INFORMATION:** Medical personnel should contact Aventis' medical information services toll-free 1-800-334-7577. This product contains **PETROLEUM** DISTILLATES.

**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.



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#### **DIRECTIONS FOR USE**

## FOR SALE FOR USE IN EASTERN CANADA AND BRITISH COLUMBIA ONLY

#### **GENERAL INFORMATION**

EXCEL SUPER is a specially formulated herbicide for the control of certain annual grassy weeds in Asparagus, Broccoli, Cabbage, Carrots, Cauliflower, Dry Common Beans (Kidney, Pinto, White only), Onions (dry bulb only), Peas (Field & Processing), Potatoes, Rapeseed (Canola, including Triazine Tolerant Canola), Soybeans and Tomatoes.

# 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: Green and Yellow Foxtail, Barnyard Grass, Crabgrass, Old Witch Grass, Wild Proso Millet, Fall Panicum, 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 grassy weeds are in the 1-6 leaf stage (5-25 cm or 2-10 inches in height for volunteer corn). For best results and greater yield enhancement apply EXCEL SUPER when grassy weeds are small and actively growing. Thorough spray coverage of the foliage is essential for effective grassy weed control.

ANNUAL GRASSES	TIME OF APPLICATION
Green and Yellow Foxtail	1-6 leaf stage
Barnyard Grass	1-6 leaf stage
Crabgrass	1-6 leaf stage
Wild Proso Millet	1-6 leaf stage
Fall Panicum	1-6 leaf stage
Old Witch Grass	1-6 leaf stage
Volunteer Corn	5-25 cm (2-10 in.)

## **METHOD OF APPLICATION:**

Apply EXCEL SUPER in a minimum of 100 litres of water per hectare (10 gallons per acre) at a pressure of 275 Kpa (40 p.s.i.) and at a ground speed of 6 to 8 Km per hour (4-5 mph). The use of 80° or 110° stainless steel flat fan nozzles is highly recommended for optimum spray coverage.

- . DO NOT USE FLOOD JET NOZZLES, CONTROLLED DROPLET APPLICATION EQUIPMENT OR SPRAFOIL® EQUIPMENT.
- . DO NOT APPLY EXCEL SUPER BY AIRCRAFT.
- . UNIFORM, THOROUGH SPRAY COVERAGE IS IMPORTANT TO ACHIEVE CONSISTENT GRASSY WEED CONTROL.

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

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

CROPS: EXCEL SUPER MAY BE APPLIED TO THE FOLLOWING CROPS: ASPARAGUS, BROCCOLI, CABBAGE, CAULIFLOWER, CARROTS, DRY COMMON BEANS (KIDNEY, PINTO AND WHITE ONLY), ONIONS (DRY BULB), PEAS (FIELD & PROCESSING), POTATOES, RAPESEED (CANOLA INCLUDING TRIAZINE TOLERANT CANOLA), SOYBEANS AND TOMATOES.

CAUTION: APPLY TO ASPARAGUS ONLY AFTER THE SPEARS HAVE BEEN HARVESTED. DO NOT TREAT SPEARS PRIOR TO, OR DURING HARVEST.

RATE OF APPLICATION: Apply EXCEL SUPER at 0.80 litres per hectare (11.4 fluid ounces per acre). One (1) 3.6 litre jug (0.78 gal.) treats 4.5 hectares (11 acres).

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

CROP	PRE-HARVEST INTERVAL (DAYS)
CROP Cabbage, Potatoes	35
Onions (dry bulb only), Carrots	38
Cauliflower	
Broccoli	
Tomatoes	
Soybeans, Dry Common Beans (Kidney, Pinto	
White only)	60
Rapeseed (Canola, including Triazine	
Tolerant Canola)	70
Peas (Field and Processing)	

NOTE: Prior to 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.

## MIXING INSTRUCTIONS:

- 1. Assure that spray tank is thoroughly clean.
- 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 prior to 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. Immediately after use, thoroughly clean the sprayer by flushing with a water/detergent mixture

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 herbicide for the control of both annual grassy and broadleaf weeds. MIX EXCEL SUPER at 0.80 LITRES OF PRODUCT PER HECTARE (11.4 ounces per acre).

DRY COMMON BEANS, SOYBEANS

Mix EXCEL SUPER with BASAGRAN<sup>®</sup> for the control of annual grassy weeds, velvetleaf, smartweed, cocklebur and other broadleaf weeds. For more specific details regarding the required rates, application information and other broadleaf weeds controlled, consult the BASAGRAN label. Use a minimum of 200 litres of water per hectare (20 gallons per acre).

**CAUTION:** If 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; sufficient data are not available to support such use.

**CAUTION:** Do not mix EXCEL SUPER with pesticides, fertilizers 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. Application of EXCEL SUPER during these periods may result in significantly reduced weed control. Plants may be under stress due to lack of moisture, prolonged periods of cool (12 °C/55 °F or less) or excessively hot (28 °C /82 °F or greater) daytime temperatures, or low humidity.

**CAUTION:** Good spray coverage is essential for optimum weed control, especially in areas of heavy annual grassy weed populations.

**HERBICIDE RESISTANCE MANAGEMENT:** For resistance management, EXCEL SUPER is a Group 1 herbicide. Any weed population may contain or develop plants naturally resistant to EXCEL SUPER and other Group 1 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 EXCEL SUPER or other Group 1 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 your local Aventis representative, or call Aventis CropScience Canada Co. toll-free at 1-888-283-6847.

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