

21-FEB-2007



GROUP	1	HERBICIDE
-------	---	-----------

**EXCEL SUPER (R)**  
**POST-EMERGENT HERBICIDE**  
**EMULSIFIABLE CONCENTRATE**

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

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

COMMERCIAL



WARNING – EYE AND SKIN IRRITANT

REGISTRATION NO.: 21914  
PEST CONTROL PRODUCTS ACT

GUARANTEE: Fenoxaprop-P-ethyl 80.5 grams per litre

**Product Information:** 1-888-283-6847

**Bayer CropScience Inc.**  
Suite 100, 3131 114 Ave SE  
Calgary, AB T2Z 3X2

READ THE LABEL AND ATTACHED BROCHURE BEFORE USING.

NET CONTENTS:  
[4 L, 9 L, 20 L , 400 L, 800 L, Bulk]

**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.

**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.

**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.

**RETURNABLE CONTAINER:**

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

**REFILLABLE CONTAINER DISPOSAL:**

For disposal, this empty container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

**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.

**PRECAUTIONS:** 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 HERBICIDE:

- 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.

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.

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](http://www.croplife.ca)

**CAUTION: TOXIC TO FISH.** Do not apply within 15 metres 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 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:** Medical Personnel should contact Bayer CropScience's Medical Information Services, Toll-Free: 1-800-334-7577. This product contains **PETROLEUM DISTILLATES**.

**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 this product.

**Product Information:** 1-888-283-6847

**Bayer CropScience Inc.**  
Suite 100, 3131 114 Ave SE  
Calgary, AB T2Z 3X2

Excel is a registered trademark of Bayer

21-FEB-2007



GROUP 1 HERBICIDE

**EXCEL SUPER (R)**  
**POST-EMERGENT HERBICIDE**  
**EMULSIFIABLE CONCENTRATE**

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

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

COMMERCIAL



WARNING - EYE AND SKIN IRRITANT

REGISTRATION NO.: 21914  
PEST CONTROL PRODUCTS ACT

GUARANTEE: Fenoxaprop-P-ethyl 80.5 grams per litre

**Product Information:** 1-888-283-6847

**Bayer CropScience Inc.**  
Suite 100, 3131 114 Ave SE  
Calgary, AB T2Z 3X2

READ THE LABEL BEFORE USING.

## **DIRECTIONS FOR USE**

### **GENERAL INFORMATION:**

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

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

### **SUSCEPTIBLE WEEDS:**

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

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

### **TIME OF APPLICATION:**

Apply EXCEL SUPER Herbicide 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 Herbicide 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 (Wild Millet, Pigeon Grass)	1-6 leaf stage
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 Herbicide in a minimum of 100 litres of water per hectare at a pressure of 275 kPa and at a ground speed of 6 to 8 km per hour. The use of 80<sup>0</sup> or 110<sup>0</sup> 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 HERBICIDE IF RAIN IS EXPECTED WITHIN ONE HOUR OF APPLICATION.
- DO NOT APPLY EXCEL SUPER HERBICIDE BY AIRCRAFT.

**CROPS:**

EXCEL SUPER HERBICIDE MAY BE APPLIED TO THE FOLLOWING CROPS: BROCCOLI, BUCKWHEAT, CABBAGE, CAULIFLOWER, FLAX, LENTILS, TAME MUSTARD (CONDIMENT TYPE ONLY), 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, BIRD'S FOOT TREFOIL AND CICER MILKVETCH FOR SEED AND FORAGE.

**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 (Condiment Type Only)	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

Treated legumes are NOT to be harvested for feed or grazed in year of application.

**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 (Condiment Type Only)	1.1 litres per hectare. One 9-Litre jug treats 8.1 hectares
--	---

Broccoli, Cabbage,  
Cauliflower, Flax  
Lentils, Onions (dry bulb),  
Potatoes, Sunflowers

1.25 litres per hectare.  
One 9-Litre jug  
treats 7.2 hectares

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

1.25 litres per hectare  
in 110 L of water per  
hectare.

### **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 HERBICIDE. Add the broadleaf herbicide FIRST (before adding EXCEL SUPER Herbicide) and agitate.
4. Add the correct amount of EXCEL SUPER Herbicide 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 Herbicide 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 HERBICIDE AND BEFORE APPLICATION OF ANY OTHER PESTICIDE.

### **TANK MIX COMBINATIONS WITH EXCEL SUPER HERBICIDE:**

EXCEL SUPER Herbicide 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 Herbicide at 1.1 litres of product per hectare 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 Herbicide at 1.1 litres of product per hectare 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 HERBICIDE consult the respective broadleaf herbicide labels.

**CAUTION:**

If annual grassy weeds are in the correct stage for EXCEL SUPER Herbicide application before broadleaf weeds have emerged, DO NOT DELAY EXCEL SUPER HERBICIDE 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 Herbicide with pesticides, fertilizers or any other chemical additives (except those registered for use with EXCEL SUPER Herbicide).

**CAUTION:**

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

**CAUTION:**

During periods of stress, plants are not actively growing. When daytime temperatures are very hot (28°C) and/or conditions are very dry and/or there is low humidity, plants are under stress. Application of EXCEL SUPER Herbicide 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°, and ensure that weeds are young and actively growing.

**CAUTION:**

TOXIC TO FISH. Do not apply within 15 metres 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.

**HERBICIDE RESISTANCE MANAGEMENT:**

For resistance management, EXCEL SUPER Herbicide is a Group 1 herbicide. Any weed population may contain or develop plants naturally resistant to EXCEL SUPER Herbicide 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 Herbicide 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 Bayer representative, or call Bayer CropScience toll-free at 1-888-283-6847.

**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 HERBICIDE:

- 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.

- 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 website at [www.croplife.ca](http://www.croplife.ca)
- 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.

**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.

**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.

**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.

**RETURNABLE CONTAINER:**

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

**REFILLABLE CONTAINER DISPOSAL:**

For disposal, this empty container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

**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.

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

**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 this product.

**FOR MORE INFORMATION CONTACT:**

**Product Information:** 1-888-283-6847

**Bayer CropScience Inc.**  
Suite 100, 3131 114 Ave SE  
Calgary, AB T2Z 3X2

Excel is a registered trademark of Bayer.

Lontrel is a registered trademark of Dow AgroSciences L.L.C.

Bladex is a registered mark of Shell Canada Ltd. E.I. Du Pont Canada Company is the registered user.

Sprafol is a registered trademark of D & W Industries.

\*\*\*\*\*

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.