

**EXCEL<sup>®</sup> SUPER**  
**HERBICIDE**



**GROUP 1 HERBICIDE**

**EMULSIFIABLE CONCENTRATE**

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

**COMMERCIAL**



**WARNING: EYE AND SKIN IRRITANT**

**REGISTRATION NO. 22205 PEST CONTROL PRODUCTS ACT**

**GUARANTEE: fenoxaprop-P-ethyl 80.5 g/L**

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

**Bayer CropScience Inc.  
Suite 200, 160 Quarry Park Blvd S.E.  
Calgary, Alberta T2C 3G3**

**READ THE LABEL AND ATTACHED  
DIRECTIONS FOR USE BEFORE USING**

**NET CONTENTS:  
2 L - Bulk**

## **EXCEL SUPER Herbicide**

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**For More Information, Contact:**

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

**Bayer CropScience Inc.  
Suite 100, 3131 114<sup>th</sup> Avenue S.E.  
Calgary, Alberta T2Z 3X2**

## GENERAL INFORMATION

### Section 1: The Product

- FOR SALE FOR USE IN EASTERN CANADA AND BRITISH COLUMBIA ONLY
- EXCEL SUPER Herbicide is a specially formulated herbicide for the control of certain annual grassy weeds in various vegetable and field crops.

## SAFETY AND HANDLING

### Section 2: Precautions, Protective Clothing and Equipment

#### Precautions:

- **KEEP OUT OF REACH OF CHILDREN.**
- CAUSES EYE AND SKIN IRRITATION.
- MAY CAUSE EYE DAMAGE.
- AVOID CONTACT WITH EYES, SKIN, OR CLOTHING.
- PROTECTIVE EYE EQUIPMENT MUST BE WORN.
- AVOID BREATHING SPRAY MIST.

#### Protective Clothing and Equipment

- **TO MINIMIZE EXPOSURE, THE FOLLOWING PRECAUTIONS SHOULD BE FOLLOWED WHEN USING EXCEL SUPER HERBICIDE.**
  - Wear protective clothing such as coveralls, long-sleeved shirt, chemical resistant gloves, and goggles or face shield.
  - Change contaminated clothing daily and wash separate from other laundry, 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 operations 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.
  - 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 CropLifeCanada's web site at: [www.croplife.ca](http://www.croplife.ca).

### Section 3: First Aid and Toxicological Information

#### First Aid:

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

- **INGESTION: If swallowed**, call a poison control centre or doctor IMMEDIATELY for treatment advice. DO NOT induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
- **EYE CONTACT: If in eyes**, hold eye open and rinse slowly and gently with water for 15-20 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.
- **SKI N CONTACT: If on skin or clothing**, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.
- **INHALATION: If inhaled**, move person to fresh air. If person is not breathing, call 911 or an ambulance,

#### Toxicological Information:

- This product contains PETROLEUM DISTILLATES.
- Medical personnel should contact Bayer's medical information services toll-free: 1-800-334-7577.

### Section 4: Environmental Precautions and Information

- TOXIC TO FISH
- Do not apply within 15 metres of a body of water or wetland area.
- Do not contaminate water supplies, ponds, lakes, streams and irrigation ditches by direct application, spray drift or when cleaning and rinsing spray equipment or containers.
- Avoid spray drift to susceptible plants and USE ONLY FOR RECOMMENDED PURPOSES AND AT RECOMMENDED RATES.
- 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.

### Section 5: Storage

- CANNOT be stored below freezing.
- If stored for 1 year or longer, shake well before using.
- Store the tightly closed container away from feeds, seeds, fertilizers, plants and foodstuffs.
- Do not use or store in or around the home.
- Keep in original container during storage.

## Section 6: Disposal

**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.

**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.

## Section 7: Notices

**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.

## DIRECTIONS FOR USE

### Section 8: Crops, Weeds, Rates, Timing

CROP	WEED	RECOMMENDATIONS	RATE
Asparagus, Broccoli, Cabbage, Cauliflower, Carrots, Dry Common Beans (Kidney, Pinto, White), Onions (dry bulb only), Peas (field and processing) Potatoes, Rapeseed (Canola, including triazine tolerant Canola), Soybeans, Tomatoes	Green and Yellow Foxtail Barnyard Grass Crabgrass Wild Proso Millet Fall Panicum Old Witch Grass Volunteer Corn	1-6 leaf stage 1-6 leaf stage 1-6 leaf stage 1-6 leaf stage 1-6 leaf stage 1-6 leaf stage 1-6 leaf stage 5-25 cm	Apply EXCEL SUPER Herbicide at 670 mL/ha. One 5.4 litre jug treats 8.1 ha

#### Note:

- **EXCEL SUPER HERBICIDE MUST NOT BE USED IN ANY CROP FOR WHICH IT IS NOT REGISTERED.**
- EXCEL SUPER Herbicide does not control Quackgrass (Couch or Twitch Grass), Sedges or other perennial grasses.
- **APPLY TO ASPARAGUS ONLY AFTER THE SPEARS HAVE BEEN HARVESTED. DO NOT TREAT SPEARS PRIOR TO, OR DURING HARVEST.**

#### Timing:

- For best results and greater yield enhancement, apply EXCEL SUPER Herbicide when grassy weeds are young and actively growing. Thorough spray coverage of the foliage is essential for effective grassy weed control.
- 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).
- If grassy weeds are in the correct stage for EXCEL SUPER Herbicide application, before broadleaf weeds have emerged, **DO NOT DELAY EXCEL SUPER HERBICIDE APPLICATION.**

## Section 9: Tank Mixes

### 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 weeds and a range of broadleaf weeds, as indicated on the label of the respective tank mix partner. When applying EXCEL SUPER Herbicide in combination with the following herbicides, always read and follow the use directions, precautions, and environmental restrictions on the EXCEL SUPER Herbicide label and the label of the tank mix partner.
- 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.
- **Always mix EXCEL SUPER Herbicide at 670 mL/ha.**

CROP	TANK MIX PARTNER	RATE	DIRECTIONS
DRY COMMON BEANS, SOYBEANS	Basagran®	1.75-2.25 L/ha	For more specific details regarding the required rates, application information and weeds controlled, consult the Basagran label. Use a minimum of 220 L/ha of water.
SOYBEANS (only)	Basagran Forte	1.75-2.25 L/ha	For more specific details regarding the required rates, application information and weeds controlled consult the Basagran Forte label.
	Pinnacle®	5.5-8 g/ha	For more specific details regarding the required rates, application information and weeds controlled consult the Pinnacle label.
	Basagran Forte + Pinnacle	1.75-2.25 L/ha + 5.5-8 g/ha	For more specific details regarding the required rates, application information and weeds controlled consult the Basagran Forte and Pinnacle labels.

**Section 10: Minor Uses**

**NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:**

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

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Bayer CropScience Inc. harmless from any claims based on efficacy or phytotoxicity in connection with the use(s) described below.

**DRY COMMON BEANS**

<b>CROP</b>	<b>WEED</b>	<b>RATE</b>	<b>DIRECTIONS</b>
All types of Dry Common Beans of the species <i>Phaseolus vulgaris</i> including, but not limited to: Kidney, Pinto, and White.	Green Foxtail Yellow Foxtail Barnyard Grass Crabgrass Wild Proso Millet Fall Panicum Old Witch Grass Volunteer Corn	Apply EXCEL SUPER Herbicide at 670 mL/ha.  One 5.4 litre jug treats 8.1 ha	<ul style="list-style-type: none"> <li>• Apply EXCEL SUPER Herbicide when volunteer corn is 5 to 25 cm in height and other labelled grass weeds are in the 1- to 6- leaf stage.</li> <li>• Apply using ground equipment only in a minimum water volume of 110 litres per hectare, at a pressure of 275 kPa and at a ground speed of 6-8 kph.</li> <li>• Do not apply EXCEL SUPER Herbicide to any field more often than once per year.</li> <li>• Do not apply within 60 days of harvest.</li> <li>• DO NOT APPLY BY AIR.</li> </ul> <p><b>NOTE:</b> Dry common bean varieties may vary in their tolerance to herbicides, including to EXCEL SUPER. Since not all dry common bean varieties have been tested for tolerance to EXCEL SUPER, first use of EXCEL SUPER should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice. Additionally, consult your seed supplier for information on the tolerance of specific varieties of dry common beans to EXCEL SUPER.</p>

## Section 11: Application Instructions and Cautions

- UNIFORM, THOROUGH SPRAY COVERAGE IS IMPORTANT TO ACHIEVE CONSISTENT GRASSY WEED CONTROL.
- Apply EXCEL SUPER Herbicide in a minimum of 110 litres of water per hectare at a pressure of 275 kPa and at a ground speed of 6-8 Km/h.
- The use of 80° or 110° stainless steel flat fan nozzles is highly recommended for optimum spray coverage.
- 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 EXCEL SUPER Herbicide when grassy weeds are young and actively growing.
- During periods of stress, plants are not actively growing. Application of EXCEL SUPER Herbicide 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 or less) or excessively hot (28°C or greater) daytime temperatures, or low humidity.

### Application Cautions:

- DO NOT USE FLOOD JET NOZZLES, CONTROLLED DROPLET APPLICATION EQUIPMENT OR SPRAFOIL® EQUIPMENT.
- DO NOT APPLY EXCEL SUPER HERBICIDE BY AIRCRAFT.
- DO NOT APPLY EXCEL SUPER HERBICIDE IF RAIN IS EXPECTED WITHIN ONE HOUR OF APPLICATION.

## Section 12: Mixing Instructions

1. Ensure 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 Section 9 for tank mix combinations with EXCEL SUPER Herbicide**. Add the broadleaf herbicide FIRST and agitate prior to adding EXCEL SUPER Herbicide.
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. Immediately after use, thoroughly clean the sprayer by flushing with a water/detergent mixture.

### **Section 13: Sprayer Cleanup**

- Prior to 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.
- **THOROUGHLY CLEAN THE SPRAY TANK AFTER APPLYING EXCEL SUPER HERBICIDE AND BEFORE APPLICATION OF ANY OTHER PESTICIDE.**
- Spray equipment should be triple rinsed using a strong detergent solution. A scrubbing of the tank is also highly recommended.

### **Section 14: 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 CropScience representative, or call Bayer CropScience Inc. toll-free at 1-888-283-6847.

## Section 15: Livestock Feeding and Preharvest Intervals

### Livestock Feeding

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

### Preharvest Intervals:

The following intervals must be observed between application and harvest on the listed crops:

<b>Crop</b>	<b>Preharvest Interval (Days)</b>
Cabbage, Potatoes	35
Onions (dry bulb only), Carrots	38
Cauliflower	43
Broccoli	44
Tomatoes	55
Soybeans, All types of Dry Common Beans of the species <i>Phaseolus vulgaris</i> including, but not limited to: Kidney, Pinto, and White	60
Rapeseed (Canola), including Triazine Tolerant Canola	70
Peas (field and processing)	75

### FOR MORE INFORMATION CONTACT:

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EXCEL is a registered trademark of Bayer  
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