

[PRINCIPAL DISPLAY PANEL]

GROUP	2	HERBICIDE
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EXPRESS® SG HERBICIDE

FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND THE PEACE RIVER REGION OF BRITISH COLUMBIA ON SUMMER FALLOW, AND AS A PRE-SEEDING HERBICIDE ON FIELDS TO BE PLANTED TO WHEAT (SPRING, DURUM AND WINTER), SPRING BARLEY, OATS, CANARY SEED AND PULSE CROPS (INCLUDING DRY BEAN, FABABEAN, FIELD PEA, LUPIN AND SOYBEAN), AND FOR CONTROL OF BROADLEAVED WEEDS IN PASTURE AND RANGELAND, ONLY

COMMERCIAL

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

NET CONTENTS: 120 grams – 20 Kg

REGISTRATION NO.: 28262 *PEST CONTROL PRODUCTS ACT*

GUARANTEE: Tribenuron Methyl 50%

WARNING, CONTAINS THE ALLERGENS SULFITES AND MILK

WARNING – EYE IRRITANT  
POTENTIAL SKIN SENSITIZER

E. I. du Pont Canada Company  
Agricultural Products  
Box 2300, Streetsville,  
Mississauga, Ontario  
L5M 2J4  
1-800-667-3925

PRECAUTIONS:           WARNING - EYE IRRITANT.  
                              POTENTIAL SKIN SENSITIZER.  
                              DO NOT APPLY BY AIR.  
                              KEEP OUT OF REACH OF CHILDREN.  
                              MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH  
                              SKIN.  
                              AVOID BREATHING SPRAY MIST. USE WITH ADEQUATE VENTILATION.  
                              AVOID CONTACT WITH SKIN, EYES AND CLOTHING.  
                              DO NOT CONTAMINATE ANY BODY OF WATER.  
                              WEAR SUITABLE CHEMICAL RESISTANT GLOVES AND GOGGLES OR  
                              FACE SHIELD DURING MIXING AND LOADING.  
                              MAY IRRITATE SKIN AND EYES. WHEN USING, DO NOT EAT, DRINK OR  
                              SMOKE.  
                              WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.  
                              REMOVE CONTAMINATED CLOTHING IMMEDIATELY AFTER USE.

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)

**FIRST AID:**

**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.

**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.

**IF SWALLOWED:**

Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:**

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

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

For medical emergencies call 1-800-441-3637 (24 hours).

TOXICOLOGICAL INFORMATION: Treat symptomatically.

28262-20080220-F1-E label Express SG USED FOR FINAL PROOF

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## STORAGE AND DISPOSAL

### STORAGE:

Store product in original container in a secure, dry area, away from fertilizer, seed, food or feed. Not for use or storage in or around the home. Keep container tightly closed.

### DISPOSAL:

If this is a non-reusable container:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements

If this is a refillable container:

For disposal, this 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.

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For all package types:

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 clean up of spills.

## 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.

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[Directions for Use brochure]

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COMMERCIAL

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For medical emergencies call 1-800-441-3637 (24 hours).

TOXICOLOGICAL INFORMATION: Treat symptomatically.

## IMPORTANT INFORMATION - READ BEFORE USING

Injury to or loss of desirable trees, shrubs, flowers, vegetables, fruits or other vegetation may result from failure to observe the following: Do not apply, drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of spray to desirable plants. Do not contaminate any body of water, including irrigation water that may be used on crops.

DO NOT APPLY BY AIR.

Do not apply in high winds.

Carefully observe sprayer clean-up instructions, as spray tank residue may damage crops other than spring wheat, durum wheat, winter wheat, or spring barley. Thoroughly clean all traces of tank mix from application equipment immediately after use. Flush tank, pump, hoses, and boom with several changes of water after removing nozzle tips and screens (clean these parts separately). Wash away any spray mixture from the outside of spray tank, nozzle or spray rig.

DO NOT APPLY EXPRESS® SG HERBICIDE WITH A CARRIER OTHER THAN WATER OR ANY ADDITIVE OTHER THAN THOSE INDICATED ON THIS LABEL. Other carriers may accelerate breakdown of this product and reduce its effectiveness.

## GENERAL INFORMATION

EXPRESS® SG Herbicide provides control of certain broad-leaved weeds in summerfallow and on fields to be planted to spring wheat (including durum), winter wheat, spring barley, oats, canary seed, and in pasture and rangeland.

Warm, moist growing conditions promote active weed growth and enhance the activity of EXPRESS® SG Herbicide by allowing maximum foliar uptake and contact activity. Weeds hardened off by environmental stress such as cold weather, drought stress or excessive heat may not be adequately controlled or suppressed, and regrowth may occur. EXPRESS® SG Herbicide may only be applied using ground spray equipment. For best results, ensure thorough spray coverage of target weeds.

EXPRESS® SG Herbicide rapidly stops growth of susceptible weeds. However, typical symptoms (discoloration) of dying weeds may not be noticeable for 1 to 3 weeks after application, depending on growing conditions and weed susceptibility. Degree of control and duration of effect depend on weed sensitivity, weed size, spray coverage and growing conditions. Activity of the herbicide mixture may be delayed by cold, dry conditions after application.

### RECROPPING INTERVALS:

CROP	RECROPPING INTERVAL (DAYS)
Alfalfa, canola, flax, lentils	60

**DIRECTIONS FOR USE:**

**FOR CONTROL OF FLIXWEED AND STINKWEED (FALL ROSETTES AND SPRING SEEDLINGS) IN SUMMERFALLOW**

With any summerfallow treatment, allow at least 10 days to elapse between treatment and tillage. Only weeds that have emerged at the time of application will be controlled.

**EXPRESS® SG HERBICIDE + 2,4-D ESTER TANK MIX:**

Apply EXPRESS® SG Herbicide at 15 g/ha with 2,4-D Ester at 420 g/ha (0.6 L 2,4-D Ester LV-700). Apply the tank mix in the spring after emergence, up to the early flowering stage of the target weeds. Only weeds that have emerged at the time of application will be controlled. This tank mixture will also control the broadleaf weeds controlled by 2,4-D Ester at 420 g/ha.

Use a maximum of 15 grams of EXPRESS® SG Herbicide per hectare per year.

**CONTROL OF BROADLEAF WEEDS AND GRASSES IN FALLOW AND PRE-SEED TO SPRING WHEAT (INCLUDING DURUM), WINTER WHEAT, SPRING BARLEY, OATS, CANARY SEED AND PULSE CROPS (INCLUDING DRY BEAN, FABABEAN, FIELD PEA, LUPIN AND SOYBEAN)**

With any summerfallow treatment, allow at least 10 days to elapse between treatment and tillage. Only weeds emerged at time of application will be controlled.

Fields treated with EXPRESS® SG Herbicide can be seeded to spring wheat (including durum), winter wheat, spring barley, oats, canary seed or pulse crops (including dry bean, faba bean, field pea, lupin and soybean) a minimum of 24 hours after application.

**Injury to pulse crops may occur on coarse-textured soils, low in organic matter (less than 3%), or in fields with variable soils, gravelly areas, sandy areas or eroded knolls. Avoid planting pulse crops in soils containing more than 50% sand.**

Apply EXPRESS® SG Herbicide at 15 grams per hectare, tank mixed with one of the following companion herbicides and adjuvant (where required) in a total spray volume of 55-110 L/ha. Use a maximum of 15 grams of EXPRESS® SG Herbicide per hectare per year.

Tank mixes not requiring surfactant:

Companion Herbicide	Application Rate	Application Stage	Weeds Controlled	Weeds Suppressed *
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Roundup Transorb*	1.25 L/ha	Up to 8 cm	Canada fleabane, common ragweed, narrow leaved hawk's beard	
Roundup Weathermax*	0.83 L/ha	Up to 15 cm	dandelion, downy brome, flixweed, giant foxtail, green foxtail, hemp nettle, kochia, lady's thumb, lamb's-quarters, persian darnel, redroot pigweed, Russian thistle, stinkweed, volunteer barley, volunteer canola (including glyphosate-tolerant varieties), volunteer flax, volunteer wheat, wild mustard, wild oats	
Roundup* Dry	450g ae/ha**			
Touchdown* 600	1.0 L/ha	Up to 3-leaf	Cow cockle, wild buckwheat	
Touchdown* iQ	1.25 L/ha			
		Rosette		Canada thistle

Tank mixes requiring surfactant:

Roundup Original* or Roundup Transorb*, plus Agral* 90	0.75 L/ha 0.35% v/v	Any stage	Volunteer canola (including glyphosate tolerant)	Narrow-leaved hawk's beard
		Seedlings and rosettes		
		Up to 8 cm	green foxtail, lady's thumb, stinkweed, volunteer barley, volunteer wheat, wild buckwheat (1-3 leaf), wild mustard, wild oats (1-3- leaf)	
		Up to 10 cm	kochia, lamb's-quarters,	redroot pigweed, Russian thistle
Roundup Original* or Roundup Transorb*, plus Agral* 90	1.0 L/ha 0.35 % v/v	Rosettes (non-flowering)	Dandelion (top growth)	Canada thistle (top growth)

\* Weed suppression is a visual reduction in weed competition (reduced population or vigour) as compared to an untreated area. Degree of suppression will vary with size of weed and environmental conditions prior to and following treatment.

\*\* Roundup\* Dry is expressed as rate of active per hectare, rather than rate of product per hectare.

## SEASON LONG CONTROL OF BROADLEAF WEEDS IN PASTURE AND RANGELAND

Apply EXPRESS® SG Herbicide at either 15 or 30 grams per hectare with a non-ionic surfactant at 0.2% v/v (2 L per 1000 L of water) to broadleaf weeds in the early bud to pre-bloom stage using a minimum spray volume of 55 L/hectare.

### WEEDS:

Rates (grams per hectare)	Season long control
15	Tall buttercup and narrow-leaved hawks beard
30	Dandelion, white cockle, and common tansy

NOTE: Livestock may graze without restriction following treatment.

### MIXING INSTRUCTIONS

1. Always start with a clean and empty sprayer tank.
2. Fill the tank 1/3 to ½ full of **clean** water.
3. With the agitator running, add the required amount of EXPRESS® SG Herbicide. Continue to agitate for a minimum of 5 minutes to ensure that EXPRESS® SG Herbicide is **completely** dissolved.
4. Make sure there are no un-dissolved granules, and then add the required amount of the tank mix partner.
5. If the tank mix partner is an Emulsifiable Concentrate (EC), reduce agitation to avoid inducing an invert emulsion. Once dissolved, EXPRESS® SG Herbicide will remain in solution.
6. Add the rest of the water. Use a minimum spray volume of 55 L/ha.
7. If required for the tank mixture, add surfactant. If an antifoam agent is required, add last.
8. Refer to the section Specific Tank Mix Directions for mixing order and other mixing instructions.
9. For repeat tank loads, reduce the material remaining in the tank to 10% of the original volume **or less** before proceeding with step 1, because remaining chemicals may prevent EXPRESS® SG Herbicide granules from completely dissolving. If this is not possible, pre-slurry EXPRESS® SG Herbicide in a small amount (5-10 L) of water before adding to the tank.

Once dissolved, EXPRESS® SG Herbicide will not settle out, even if the sprayer is parked for long periods of time. Spray preparation should be used within 24 hours or product degradation may occur.

SPECIAL MIXING INSTRUCTIONS FOR CHEMICAL HANDLERS  
(INDUCTION DEVICES FOR CLOSED SYSTEM LOADING OF SPRAYERS)

1. Ensure the chemical handler is clean (rinsed with ammonia).
2. For best results, add EXPRESS® SG Herbicide to the top of the tank.
3. If a chemical handler is used, make sure that all of the granules of EXPRESS® SG Herbicide are completely dissolved and injected into the main tank with agitation before adding other chemicals.
4. Low water volumes in some chemical handlers can cause the water to become saturated with EXPRESS® SG Herbicide, leaving un-dissolved granules. In that case, rinse the chemical handler with clean water before adding any other chemical.
5. Always dissolve the EXPRESS® SG Herbicide granules with agitation in the main tank before adding a tank mix partner.

NOTE: Follow the clean-out procedure recommended for sprayer tanks for the chemical handler.

SPECIFIC TANK MIX DIRECTIONS

EXPRESS® SG Herbicide. + 2,4-D Ester: once EXPRESS® SG Herbicide is completely dissolved, add the required amount of 2,4-D Ester with reduced agitation. Do not add a surfactant.

EXPRESS® SG Herbicide + ROUNDUP TRANSORB\* or ROUNDUP\* ORIGINAL or ROUNDUP WEATHERMAX\* or ROUNDUP\* DRY or TOUCHDOWN\* 600 or TOUCHDOWN\* iQ: once EXPRESS® SG Herbicide is completely dissolved, add the required amount of Roundup Transorb\*, Roundup\* Original, Roundup Weathermax\*, Roundup\* Dry, Touchdown\* 600, or Touchdown iQ\* while maintaining agitation. Once components are completely mixed, if required, add Agral\* 90 at 3.5 L per 1000 L of spray solution (0.35% v/v).

EQUIPMENT-SPRAY VOLUMES

Apply the spray mixture uniformly with properly calibrated ground equipment only. Ensure thorough coverage and a uniform spray pattern. Flat fan nozzles are recommended (minimum 55 litres spray volume per hectare). Use 50 mesh filter screens or larger (metal or nylon).

Once EXPRESS® SG Herbicide is in solution, it will not settle out. Apply uniformly and avoid overlapping. Shut off spray boom while starting, turning, slowing or stopping to prevent crop injury from over application.

Reduce drift with high water volume, low pressure, coarse sprays and drop nozzles. Do not apply with more than 275 kPa spray pressure.

DO NOT APPLY BY AIR.

SPRAYER CLEANOUT

To avoid subsequent injury to crops other than wheat, spring barley or oats, immediately after spraying and prior  
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to spraying other crops, thoroughly remove all traces of EXPRESS® SG Herbicide from mixing and spray equipment as follows:

1. Drain tank and flush tank, boom and hoses with clean water.
2. Visually inspect tank to ensure removal of all visible herbicide residues. If necessary, repeat Step 1.
3. Fill the tank with clean water, and then add 1 litre household AMMONIA (containing minimum of 3% ammonia) or equivalent amount of a sprayer tank cleaner containing ammonia, per 100 litres of water.
4. Flush solution through boom and hoses, and then add more water to completely fill tank. Allow to sit for 15 minutes with agitation.
5. Drain the tank.
6. Remove the nozzles, screens, and boom end caps and clean separately in a bucket containing ammonia cleaning agent and water.
7. Thoroughly rinse the tank with clean water for a minimum of 5 minutes, flushing water through the hoses and boom.

NOTE: When using a chemical handler, follow the above cleanout procedure for this piece of equipment.

CAUTION: Do not use ammonia with chlorine bleach. Using ammonia with chlorine bleach will release a gas with a musty chlorine odour that can cause eye, nose, throat, and lung irritation. Do not clean equipment in an enclosed area.

### **RESISTANCE-MANAGEMENT RECOMMENDATIONS**

For resistance management, EXPRESS® SG Herbicide is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to EXPRESS® SG Herbicide and other Group 2 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 EXPRESS® SG Herbicide or other Group 2 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 DuPont representative or the DuPont hotline at 1-800-667-3925 for further information.

## USE PRECAUTIONS:

Do not apply to irrigated land where tail water will be used to irrigate other cropland.

Do not contaminate irrigation water.

Do not remove soil from treated fields for use on lawns, in gardens or for backfill.

OVERSPRAY OR DRIFT TO IMPORTANT WILDLIFE HABITATS SUCH AS SHELTERBELTS, WETLANDS, SLOUGHS OR DRY SLOUGH BORDERS, OR WOODLOTS, SHOULD BE AVOIDED. LEAVE A 15-METER BUFFER ZONE BETWEEN THE LAST SPRAY SWATH AND THE EDGE OF ANY OF THESE HABITATS.

Control of weeds growing in wheel tracks may be reduced if EXPRESS® SG Herbicide is applied under dry, dusty conditions.

## STORAGE AND DISPOSAL

### STORAGE:

Store products in original containers only, away from fertilizer, seeds, food or feed.

Not for use or storage in or around the home. Keep container closed.

### DISPOSAL:

If this is a non-reusable container:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
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