

GROUP

2

HERBICIDE

DUPONT ESCORT® HERBICIDE 60% DRY FLOWABLE

60% DRY FLOWABLE

COMMERCIAL

READ THE LABEL AND THIS BOOKLET BEFORE USING

GUARANTEE: Metsulfuron methyl 60%

WARNING, contains the allergens, Sulfites and Milk.

REGISTRATION NO. 23005 PEST CONTROL PRODUCTS ACT

CAUTION EYE IRRITANT

NET CONTENTS: 250 g

E. I. DU PONT CANADA COMPANY
AGRICULTURAL PRODUCTS
P.O. BOX 2300, STREETSVILLE
MISSISSAUGA, ONTARIO
L5M 2J4
1-800-667-3925

PRECAUTIONS:

- **KEEP OUT OF REACH OF CHILDREN.**
- Avoid breathing spray mist.
- Avoid contact with skin, eyes and clothing.
- Do not contaminate any body of water.
- Wear chemical resistant gloves, long-sleeved shirt, long pants, shoes and socks during mixing/loading, clean-up and repair activities.
- Mixers, loaders and applicators must wear long-sleeved shirts, long pants and chemical-resistant gloves (gloves are not required for ground boom sprayers).

ENVIRONMENTAL HAZARDS:

TOXIC to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

Runoff:

To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to, heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g. soils that are compacted or fine textured such as clay).

Avoid application of this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

Leaching:

The use of this chemical may result in contamination of groundwater, particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

FIRST AID:**EYE CONTACT:**

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.

SKIN OR CLOTHING CONTACT:

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.

INGESTION:

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.

INHALATION:

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.

IMPORTANT INFORMATION - Read Before Using

Injury to or loss of desirable trees or vegetation may result from failure to observe the following.

Do not apply or 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. Keep from contact with other pesticides, fertilizers, and seeds.

DO NOT APPLY BY AIR.

APPLY ESCORT[®] HERBICIDE WITH A RECOMMENDED SURFACTANT.

GENERAL INFORMATION

ESCORT[®] Herbicide is a dry flowable granule to be mixed in water and applied as a foliar spray for control of undesirable brush/woody plants in pasture, rangeland and non-crop areas, and for control of broadleaf weeds in rough turf and non-crop areas.

ESCORT[®] Herbicide is noncorrosive, nonflammable, nonvolatile and does not freeze. ESCORT[®] Herbicide is an ALS inhibitor herbicide and thus rapidly inhibits growth of susceptible species, however typical symptoms (discoloration) may not be noticeable for several weeks after application, depending on growing conditions and weed susceptibility. Warm, moist conditions following treatment promote the activity of ESCORT[®] Herbicide while cold, dry conditions may reduce or delay activity. Brush and weeds hardened off by cold weather or drought stress may not be controlled.

Degree of control and duration of effect are dependent on the rate used, sensitivity and size of target species, as well as soil moisture and soil temperature.

DIRECTIONS FOR USE

ESCORT[®] Herbicide must be used only in accordance with recommendations on this label or in separate published DuPont recommendations.

Do not mix, load or apply within a minimum of 15 metres of all wells, including abandoned wells and drainage wells.

Make one application of ESCORT[®] Herbicide per season using ground equipment only.

Apply between mid-June and mid-August after the target species have leafed out, but before fall colouration begins. Cattle may graze the treated areas on the day of treatment.

ROUGH TURF AND NON-CROP AREAS SUCH AS UTILITY RIGHTS OF WAY, ROADSIDES, INDUSTRIAL SITES, FENCE LINES):

FOR CONTROL OF BROADLEAF WEEDS

ESCORT[®] Herbicide may be applied as a broadcast treatment to rough turf areas at 20, 25 and 30 grams per hectare with a recommended surfactant for season long weed control. ESCORT[®] Herbicide may be tank mixed with 2,4-D to increase the spectrum of weeds controlled. Add a recommended surfactant at 0.2% v/v (2.0 litres per 1000 litres spray solution). Temporary chlorosis, height reduction or growth suppression of grass species may occur.

For best results apply ESCORT® Herbicide post-emergence to young (less than 10 cm tall or across) annual weeds; biennial and perennial weeds up to the early bud stage. Weeds should be actively growing at time of application.

Apply to brush species as a full coverage spray to foliage and stems using equipment that will ensure uniform coverage.

Note: Severe injury may occur to desirable broadleaf species such as alfalfa and red clover.

WEEDS CONTROLLED OR SUPPRESSED AT 20 GRAMS PER HECTARE

Weeds controlled:

common tansy scentless chamomile kochia sweet clover Russian thistle

Weeds Suppressed:

Canada thistle sow thistle dandelion

WEEDS CONTROLLED OR SUPPRESSED AT 25 GRAMS PER HECTARE

Weeds Controlled:

Weeds controlled at 20 grams per hectare, plus Western Snowberry

Weeds Suppressed:

Canada thistle sow thistle dandelion

WEEDS CONTROLLED AT 30 GRAMS PER HECTARE

Weeds Controlled:

Weeds controlled at 25 grams per hectare, plus dandelion

Weeds Suppressed:

Canada thistle sow thistle

TANK MIXES:

ESCORT® Herbicide at 20 or 30 grams per hectare may be tankmixed with 2,4-D amine or ester at 1.0 kg ai/ha to control the weeds above and the weeds that are controlled by this rate of 2,4-D (refer to the 2,4-D label). Add a recommended surfactant at 0.2% v/v (2.0 litres per 1000 litres spray solution).

RANGELAND & NON-CROP AREAS such as Utility Rights of Way, roadsides, industrial sites, fence lines.

FOR CONTROL OF UNDESIRABLE BRUSH/WOODY PLANT SPECIES

For control of Balsam Poplar and Willow, apply 100 grams of ESCORT® Herbicide per hectare.

For control of Cherry and Trembling Aspen, apply 150 grams of ESCORT® Herbicide per hectare.

Add a recommended surfactant such as AG-SURF*, AGRAL* 90, or CITOWETT* PLUS at 0.2% v/v (2 litres per 1000 litres of spray solution).

For best results, applications of ESCORT® Herbicide should be made when brush species and weeds are actively growing. Complete coverage of all foliage and stems is required for brush control. Applications should be made after the target species have leafed out, but before fall colouration has begun.

Do not treat brush species that exceed 2.5 m in height, or control may be decreased. For woody plants exceeding this height, cut and spray regrowth.

Note: Where dense stands exist or where growth of the target species is advanced, use of the high volume foliar application method is recommended.

PASTURE & RANGELAND:

FOR CONTROL OF WESTERN SNOWBERRY AND WILD ROSE in the Prairie Provinces and British Columbia

For control of Western Snowberry apply 25 grams of ESCORT® Herbicide per hectare.

For control of Wild Rose apply 30 grams of ESCORT® Herbicide per hectare.

Add a recommended surfactant at 0.2% v/v (2.0 litres per 1000 litres spray solution).

Apply as a ground application only in 100 - 225 litres spray volume per hectare. Apply as a full coverage spray to foliage and stems using equipment that will assure uniform coverage.

GROUND APPLICATIONS:

Low Volume Foliar Broadcast

Apply to brush species as full coverage spray to foliage and stems in 100-500 litres spray volume per hectare, using properly calibrated equipment that will ensure uniform coverage. Direct the spray solution to thoroughly wet the foliage of the target plants, but not to the point of runoff.

High Volume Foliar Broadcast

For control of brush/woody plants up to 2.5 metres in height, use ESCORT® Herbicide at rates of 100-150 grams per hectare in enough water to make 1000 litres of spray solution. Apply as a full coverage spray to foliage, stems and limbs using up to 2000 litres of total spray per hectare depending on plant species, height and density of growth, and on the type of spray equipment used. Do not apply more than 150 grams of ESCORT® Herbicide per hectare.

Spray brush to the point of runoff. Coverage should be thorough to wet all foliage. To minimize spray drift, do not use pressures exceeding 1400 kPa at the spray nozzle. Use of a drift control system is suggested to minimize spray drift.

SPRAY DRIFT CONTROL:

The potential for spray drift with ground broadcast applications can be reduced by:

- Applying a coarse spray using large droplet producing nozzle tips.
- The use of Radiarc*, Nalco-Trol* or an equivalent drift control system or additive.
- Keep the spray boom as low as possible.
- Apply with minimum wind velocity.
- When using a power sprayer and handgun, direct sprays no higher than the tops of the target plants.
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NOTE TO BUYER/USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than E. I. du Pont Canada Company and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion Program. E. I. du Pont Canada Company itself makes no representation or warranty with respect to product performance (efficacy) and crop tolerance (phytotoxicity) of this product when used on the crops listed. Accordingly, the Buyer and User assume all liability arising, and agree to hold E. I. du Pont Canada Company harmless from any claims based on efficacy or phytotoxicity in connection with the uses described below.

PASTURE, RANGELAND, ROUGH TURF AND NON-CROP AREAS IN BRITISH COLUMBIA:

For weeds listed in the ESCORT® HERBICIDE Directions for Use booklet and for control of field scabious and perennial pepperweed:

ESCORT® HERBICIDE	20-30 grams/hectare
plus	
AG-SURF*	2 litres per 1000 litres spray solution (0.2% v/v)
or	
AGRAL* 90	2 litres per 1000 litres spray solution (0.2% v/v)
or	
CITOWETT* PLUS	2 litres per 1000 litres spray solution (0.2% v/v)

Apply the spray mixture post-emergent, only one application per growing season. Apply with ground equipment only. Apply a minimum of 100 litres/ha of total spray volume. For mixing instructions and use precautions, refer the ESCORT® HERBICIDE Directions for Use booklet.

Do not re-enter treated fields until 12 hours after application.

Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

Field sprayer application:

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty.

DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) coarse classification.

For application to rights-of-way, buffer zones for protection of sensitive terrestrial habitats are not required; however, the best available application strategies which minimize off-site drift, including meteorological conditions (e.g. wind direction, low wind speed) and spray equipment (e.g. coarse droplet sizes, minimizing the height above canopy), should be used. Applicators must, however, observe the specified buffer zones for protection of sensitive aquatic habitats.

Buffer zones:

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrub lands) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Application Rate (and use)*	Buffer Zones (in metres) Required for the Protection of :		
	Freshwater Habitat of Depths :		Terrestrial Habitat
	0,8 m	> 1 m	
12 g a.i./ha (pasture and rangeland)	1	1	10
15 g a.i./ha (pasture and rangeland)	1	1	10
18 g a.i./ha (pasture and rangeland)	1	1	10
60 g a.i./ha (non-crop areas)	2	1	35
90 g a.i./ha (non-crop areas)	3	1	45

* For field sprayer application, buffer zones can be reduced with the use of drift reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy or ground, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy or ground, the labelled buffer zone can be reduced by 30%.

**Buffer zones for the protection of terrestrial habitats are not required for use on rights-of-way including railroad ballast, rail and hydro rights-of-way, utility easements, roads, and training grounds and firing ranges on military bases.

When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

The following spray methods or equipment DO NOT require a buffer zone: hand-held or backpack sprayers, inter-row hooded sprayers, spot treatment, soil drench and soil incorporation.

MIXING INSTRUCTIONS:

1. Add the proper amount of ESCORT® Herbicide into the necessary volume of water in the spray tank with the agitator running. Prepare the mixture to use a minimum of 100 litres spray volume per hectare. Continuous agitation is required for a uniform suspension and application.
2. If 2,4-D is to be added to the mixture, add the required amount once ESCORT® Herbicide is in suspension.
3. Add a recommended surfactant such as AG-SURF*, AGRAL* 90 or CITOWETT* PLUS at 0.2% v/v (2 litres per 1000 litres of spray solution).
4. If an antifoaming agent is required, add this last.

Use spray preparation of ESCORT® Herbicide within 48 hours or product degradation may occur. If spray preparation is left standing without agitation, thoroughly agitate before spraying.

Avoid over-filling of spray tank. Mix only enough product for the job at hand. During spray operation, make scheduled checks of spray equipment to help ensure proper application.

SPRAYER CLEANUP:

Unless the spraying and mixing equipment is dedicated to the uses on this label, immediately after spraying, thoroughly remove all traces of ESCORT® Herbicide from mixing and spray equipment as follows:

1. Drain tank; then flush tank, boom and hoses with clean water for a minimum of ten minutes. Visually inspect tank to assure removal of all visible residues of ESCORT® Herbicide. If necessary, repeat step 1.
2. Fill the tank with clean water then add one litre HOUSEHOLD AMMONIA (containing a minimum 3% ammonia) per 100 litres of water. Fill boom and hoses with solution and allow sprayer to sit for 15 minutes. Drain.
3. Repeat step 2.
4. Nozzles and screens should be removed and cleaned separately. To remove traces of ammonia, rinse the tank, hoses and booms thoroughly with clean water.

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

USE PRECAUTIONS:

Avoid overspray or drift to important aquatic and wildlife habitats such as lakes, streams and ponds, shelterbelts, wetlands, sloughs, and dry slough borders, woodlots, vegetated ditchbanks and other cover on the edge of fields. Leave a 15 meter buffer zone for low use rates of 20, 25 and 30 grams of ESCORT[®] Herbicide per hectare and 45 metres for high use rates of 100 and 150 grams of ESCORT[®] Herbicide per hectare between the last spray swath and the edge of any of these habitats.

Do not apply ESCORT[®] Herbicide during periods of intense rainfall or to soils saturated with water. Do not apply directly to standing or running water. Do not apply in areas where surface water from the treatment site can run off to adjacent cropland, or into streams, irrigation water or wells.

Applications should only be made when there is no hazard of spray drift contaminating non-target land areas since very small quantities of the ESCORT[®] Herbicide spray solution may severely injure susceptible crops or other non-target plants.

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, ESCORT[®] Herbicide is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to ESCORT[®] 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 ESCORT[®] 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.

STORAGE:

Store product in original container only, in a secure, well-ventilated area, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container closed.

DISPOSAL/ DECONTAMINATION:

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.

For information on the 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.

The seller warrants that the purchase by the buyer and the use of this product, as such, will not infringe any Canadian patent.

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