



DuPont™ Escort® DF herbicide

Broad-spectrum broadleaf weed control in industrial rights-of-way, rangeland and non-cropland areas



DuPont™ Escort® DF herbicide provides broad-spectrum broadleaf weed control in industrial rights-of-way such as roadside, railways, utilities and facility sites. It can also be used for rangeland and non-cropland areas.

- Easy to use, cost-effective herbicide with low application rates.
- Registered for use on industrial rights-of-way, pasture and rangeland with **no grazing restrictions**.
- Encouraged grass growth by controlling competing broadleaf weeds.
- Labeled tank-mix with 2,4-D amine or ester.

How does Escort® DF herbicide work?

Escort® DF provides season-long broadleaf and brush control in non-crop areas. Its active ingredient, metsulfuron methyl, a member of the sulfonyleurea family of chemistry, is used for selective broadleaf weed control. Sulfonyleurea herbicides are inhibitors of plant cell division and growth. They inhibit the activity of a key enzyme only found in plants necessary for plant cell growth.

After application, inhibition of growth is rapid in the growing tips of both the roots and shoots of sensitive plants. These growing points or buds then die, followed eventually by the death of the entire plant. A reddish-purple colouring (anthocyanin expression) can be observed on susceptible plant species several weeks after application.

Escort® DF is a dry-flowable herbicide. The addition of a registered non-ionic surfactant is required at 0.2% v/v (2L per 1000 L spray solution).

Weeds Controlled at 20 g/ha	Weeds Suppressed at 20 g/ha	Weeds Controlled or Suppressed at 25 g/ha	Weeds Controlled at 30 g/ha	Brush Controlled at 100 g/ha	Brush Controlled at 150 g/ha
Common tansy Kochia* Russian thistle Scentless chamomile Sweet clover	Canada thistle Dandelion Sow thistle	Control of Western Snowberry, plus weeds controlled or suppressed at 20 g/ha	Control of dandelion, plus weeds controlled or suppressed at 25 g/ha	Balsam Poplar Willow	Cherry and Trembling Aspen, plus brush controlled at 100 g/ha

* Non-ALS resistant

For best results applications should be made when brush and weed species are actively growing.

Environmental Summary

The most common and significant breakdown processes of Escort® DF are chemical hydrolysis and microbial degradation. The rate of hydrolysis is increased by high soil temperature, low pH and the presence of moisture. The microbial breakdown of Escort® DF is affected by soil moisture and temperature.

As with other herbicides, precautions must be taken to prevent the movement of Escort® DF to off-target areas. Escort® DF should not be applied to water saturated soil or just before or during heavy rainfall.

Carefully follow all label instructions and precautions.

Tank-Mixing

In the memorandum dated October 27th, 2009, the PMRA permits users of commercial class pest control products to apply unlabeled tank mixes of registered pest control products under certain conditions. Refer to this document subtitled: *Use of unlabeled tank mixes of commercial class pest control products for crop production or Vegetation Management*. For a link to this document, please visit www.engageagro.com and click on VM Specialty Products.

Questions?

For further information regarding Escort® DF contact Engage Agro at 1-866-613-3336 or www.engageagro.com.

For additional information on any DuPont product or service call 1-800-667-3925 or visit www.dupont.ca/ag.

Other DuPont Canada industrial products include: Hyvar® XL, Karmex® DF, Krovar® I DF and Telar® herbicide.

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As with all crop protection products, read and follow label instructions carefully.

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