



ESCORT® Herbicide can be used to control invasive species that prove too difficult for many other herbicides. Used as a foliar spray to control undesirable brush/woody plants in pasture, rangeland and non-crop areas, or for control of broadleaf weeds in rough turf and non-crop areas.

Active Ingredients:	Metsulfuron Methyl 60%
Mode of Action:	ALS Inhibitor
Group:	2
Formulation:	Dry Flowable
Packaging:	Case = 250g x 8

Key Strengths and Features

Efficacy

- Control of brush/woody plants and broadleaf weeds in rough turf and non-crop areas
- Can be used in pasture and rangeland with no grazing restrictions
- Controls susceptible annual weeds by both foliar and root uptake
- Control is primarily through post emergence activity
- Effects may be seen within 2-4 weeks
- Rapidly inhibits growth of susceptible weeds
- Controls invasive species that prove too difficult for many other herbicides

Length of Control

- Best control of annual and perennial weeds is obtained when weeds are actively growing, under 10cm, and during rainfall
- Warm, moist growing conditions promote active weed growth and enhance the activity of Escort herbicide

Sustainability

- Low application rates

Weeds Controlled

Weeds Controlled or Suppressed at 20 g/ha		Weeds Controlled or Suppressed at 25 g/ha		Weeds Controlled at 30 g/ha	
Weeds Controlled	Weeds Suppressed	Weeds Controlled	Weeds Suppressed	Weeds Controlled	Weeds Suppressed
tansy, scentless chamomile, kochia, sweet clover, Russian thistle	Canada thistle, sow thistle, dandelion	Weeds controlled at 20 grams per hectare, plus Western Snowberry	Canada thistle, sow thistle, dandelion	Weeds controlled at 25 grams per hectare, plus dandelion	Canada thistle, sow thistle, dandelion

Usage

- Dry flowable process that offers better solubility in the tank and more uniform spray coverage
- Flexible – Can be tank-mixed to broaden the weed control spectrum
- Apply to brush species as a full coverage spray to foliage and stems using equipment that will ensure uniform coverage
- 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
- Can be sprayed by ground sprayer or by fixed-wing aircraft equipment

Resistance Management

As with all products, it is important to rotate between herbicide groups to reduce the likelihood of resistance. Tank mixing herbicides in different groups will also help to reduce resistance.

Brush Control

Rangeland & non-crop areas such as Utility Rights of Way, roadsides, industrial sites, fence lines.

For control of undesirable brush/woody plant species.

Balsam Poplar and Willow	ESCORT® herbicide @ 100g/ha
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Pine Species (including Jack pine, Eastern White pine, Western White pine and Red pine)	ESCORT® herbicide @ 140g/ha
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Cherry and Trembling Aspen	ESCORT® herbicide @ 150g/ha
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Add a recommended surfactant such as AG-SURF*, AGRAL* 90, or CITOWETT* PLUS at 0.2% v/v (2 litres per 1000 L 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. Pine species may be treated at anytime when actively growing and beginning from when needles are fully extended.

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

Environmental Fate

Volatility	Non-volatile (Does not volatilize from moist soil or water surfaces or freeze)
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Half-life in soil	Metsulfuron-methyl Range: 26-54 days
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Half-life in water	Metulfuron-methyl Range: 35-365 days
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Mode of Action: ALS Inhibitor

Metsulfuron-methyl's mode of action is by inhibiting cell division in the shoots and roots of the plant, and it is biologically active at low use rates. This Group 2 herbicide causes the rapid cessation of plant cell division and growth.

Human Safety Assessment

Acute Oral Toxicity	LD50 (Rat) -5,000 mg/kg
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Acute Dermal Toxicity	LD50 (Rat) >5,000 mg/kg
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Eye Irritation	Slight irritation (rabbit)
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Skin Irritation	Slight irritation (rabbit)
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