

Rapid control of susceptible annual weeds

Best uses

Telar® is a broad-spectrum selective herbicide that keeps invasive weeds out and promotes desirable plants.

Key strengths

Telar controls susceptible annual weeds by both foliar and root uptake. Telar can be used on railroads, utility, airports, fence lines, highway rights-of-way and many more. In addition, Telar can be used for selective weed control in rough turf in Eastern Canada.

Attributes of Telar

Efficacy

- Controls susceptible annual weeds by both foliar and root uptake
- Effects can be seen within 1–3 weeks
- Rapidly inhibits the growth of susceptible weeds
- Only for selective weed control in rough turf in Eastern Canada

Length of control

- Residual control of weeds germinating after spray application is achieved when Telar herbicide is carried into the root zone by rainfall
- Best control of annual, biennial and perennial weeds is obtained when weeds are actively growing, under 10 cm
- Warm, moist growing conditions promote active weed growth and enhance the activity of Telar herbicide

Usage

- Dry flowable granules within a water-soluble film that readily dissolves
- Convenient and easy-to-use packaging

Sustainability

- Low use rates reduce the chemical load on treated acres without compromising weed control

Resistance management recommendations

Telar offers proven control to a variety of weed species and can be used in combination to control tough weeds. For best results apply to young actively growing weeds. For resistance management, Telar herbicide is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to Telar herbicide and other Group 2 herbicides.

*Refer to the Telar Herbicide Label for more Resistant Management Strategies



Active ingredient
chlorsulfuron 75%



Mode of action
ALS inhibitor



Group
2



Formulation
dry flowable



Packaging
case = 10 × 500 g

Weeds controlled

At 15 g/ha +2,4-D	At 30 g/ha	At 40 g/ha plus	At 70 g/ha plus	At 120 g/ha plus
<ul style="list-style-type: none"> • Annual sunflower • Ball mustard • Common ragweed • Cow cockle • Flixweed • Green smartweed • Hemp nettle • Kochia • Lady's thumb • Lamb's quarters • Narrow-leaved hawk's beard (spring seedlings) • Plantain • Prickly lettuce • Red root pigweed • Russian pigweed • Russian thistle • Shepherd's purse • Stinkweed • Stork's bill • Sweet clover • Volunteer rapeseed • Wild mustard 	<ul style="list-style-type: none"> • Common chickweed • Common groundsel • Corn spurry • Cow cockle • Flixweed • Green smartweed • Hemp nettle • Lady's thumb • Lamb's quarters • Prickly lettuce • Red root pigweed • Scentless chamomile • Shepherd's purse • Stinkweed • Stork's bill • Volunteer rapeseed • Wild mustard 	<ul style="list-style-type: none"> • Wild carrot 	<ul style="list-style-type: none"> • Canada thistle[†] • Common groundsel • Dandelion[†] • Golden rod[†] • Horsetail • Kochia • Perennial sow thistle • Russian thistle • Sweet clover • Wild strawberry[†] • Wild rose[†] 	<ul style="list-style-type: none"> • Canada thistle • Dandelion • Golden rod[†] • Horsetail • Narrow-leaved hawk's beard • Sow thistle[†] • Wild buckwheat • Wild rose[†] • Wild strawberry • Willow[†]

Broadleaf weed control in non-crop land (where vegetation is not desirable).

[†]Suppression only

Environmental fate

Volatility	Half-life in soil (days)	Half-life in water (days)
Nonvolatile	Chlorsulfuron: 14–320	Chlorsulfuron: 89–201

Mode of action: ALS inhibitor

Chlorsulfuron stops cell division in plant roots and shoots which in turn causes the plant to stop growing.

Wildlife safety assessment

Based on acute contact studies, chlorsulfuron is classified as practically nontoxic to honey bees; direct risk to insects is minimal.

Human safety assessment

Acute oral toxicity	Acute dermal toxicity
LD ₅₀ (rat): 4,286 mg/kg	LD ₅₀ (rat): > 5,000 mg/kg
Eye irritation	Skin irritation
Slight irritation (rabbit)	Slight irritation (rabbit)

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