



Innovative and sustainable pasture management

Best uses

TruRange® herbicide provides extended control of over 70 weed and brush species including Canada thistle, dandelion, leafy spurge, western snowberry and wild rose for 24 months* of control.

Key strengths

TruRange offers a new way for ranchers to provide high-quality forage for their cattle in an environmentally sustainable and effective manner. TruRange provides residual weed and brush control in one easy-to-use, low-rate product with no grazing restrictions. With less active ingredient going into the environment, TruRange brings innovation and sustainability to pasture and rangeland management.

TruRange rates

Weed rate (68 g/acre or 167 g/ha)

- 1 jug (1.361 kg) treats 20 acres

Brush rate (135 g/acre or 334 g/ha)

- 1 jug (1.361 kg) treats 10 acres

Tree rate 202 g/acre with recommended 50 gal/acre (189 L) to 100 gal/acre (378 L) of water

Efficacy

- TruRange delivers extended broad-spectrum control of broadleaf weeds and encroaching brush.
- It promotes the grass understory and helps preserve desirable vegetation.
- Two modes of action for effective resistance management.
- Quickly taken up by the leaves, stems and roots of plants.
- Rainfast at four hours after application.

Grazing and haying restrictions

- There are no grazing or haying restrictions for nonlactating or lactating animals (including cattle, horses, sheep and goats) when using TruRange as directed.
- Grazing animals do not have to be moved off the rangeland or pasture before, during or after applying TruRange.
- See *Manure management and Hay and other plant material management* on the next page for additional information.

*Up to 24 months.



Active ingredients

Metsulfuron-methyl 12.6%
Aminocyclopyrachlor 39.5%



Mode of action

Auxinic and ALS inhibitor



Group

2 and 4



Formulation

Wettable granule



Packaging

Case = 8 x 1.361 kg

Manure management

Aminocyclopyrachlor, an ingredient in TruRange® herbicide, passes through an animal's digestive tract and is excreted in urine and manure at levels that may cause injury to susceptible plants.

- Do not transfer grazed animals from areas treated with TruRange to areas where sensitive crops occur without first allowing three days of grazing on untreated areas.

The following restrictions apply to manure from animals that have grazed forage or eaten hay from areas that have been treated with TruRange within the prior 18 months:

- Do not apply manure to land used for growing susceptible crops.
- Manure may only be applied on rangeland.
- Do not use manure as mulch or compost and do not apply directly on or around desirable plants.
- Manure must only be used on-farm.

After three days of not eating treated foliage or not grazing in treated areas, the animal's manure is no longer subject to the above restrictions.

Hay and other plant material management

The following restrictions apply to all plant materials from areas treated with TruRange within the prior 18 months:

- Do not use plant material as mulch or compost and do not apply directly on or around desirable plants.
- Hay cut from grass that has been treated with TruRange within the prior 18 months must only be used on-farm.
- Plant material from the treated area is no longer subject to the above restrictions 18 months after treatment.

Application information

Ground application:

20 gal/acre of water volume (200 L/ha) minimum

Aerial application:

3–5 gal/acre of water volume (30–50 L/ha) minimum

TruRange requires the addition of a suitable surfactant. Use a non-ionic surfactant at 0.25% v/v, a crop oil concentrate or methylated seed oil at 1.0% v/v or an esterified vegetable oil-based adjuvant at 0.25–1.0% v/v. Increase adjuvant rates when weed pressure is heavy or weeds are difficult to control.



Two-year continued control of western snowberry

Photo: Dr. Vicki Maloney, Envu



One-year continued control of leafy spurge

Photo: Dave Gavlon, Rancher

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