

# Innovative and sustainable pasture management

## Best uses

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

## 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/ac with recommended 50 gal/ac (189 L) to 100 gal/ac (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
- Rain-fast 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 herbicide as directed
- Grazing animals do not have to be moved off the rangeland or pasture before, during, or after applying TruRange herbicide
- See *Manure management* and *Hay and other plant material management* on the next page for additional information



### 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 herbicide 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 herbicide 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.



**Two-year continued control of western snowberry**

Photo: Dr. Vicki Maloney, Envu

## Hay and other plant material management

The following restrictions apply to all plant materials from areas treated with TruRange herbicide 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 herbicide 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

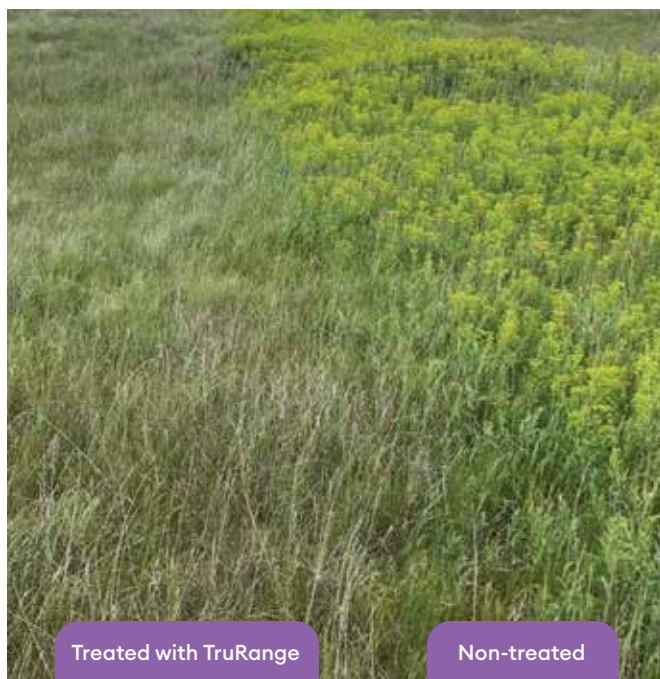
## Application information

### Ground application:

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

### Aerial application:

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



**One-year continued control of leafy-spurge**

Photo: Dave Gavlon, Rancher

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