



TruRange™

FAQ sheet

Innovative and Sustainable Pasture Management

// WHAT IS TRURANGE?

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 and an affordable price, TruRange brings innovation and sustainability to pasture and rangeland management.

// HOW TO USE TRURANGE

What are the recommended application rates for TruRange?

For control of broadleaf weeds and small brush, the labelled rate is 68g/acre (167g/ha). This rate provides control of 44 different weeds including thistle, dandelion, leafy spurge, western snowberry and wild rose. 1 jug treats 20 acres @ 68g/acre.

For brush control, the application rate is 135g/acre (334g/ha). This rate provides control of 29 different brush species including balsam poplar taller than 2.5m, trembling aspen under 3m, and sandbar willow above 2.5m. 1 jug treats 10 acres @ 135g/acre.

How much water should be used per acre?

The minimum recommended water volume is 20 gal/acre or 200L/ha for broadleaf weeds. Higher water volumes will improve speed of control and efficacy through improved coverage. Applying TruRange below the minimum labelled water volume could result in a decrease in efficacy.

Does TruRange need an adjuvant?

Yes, it is recommended to add a non-ionic surfactant at 0.25% volume per volume (ex. 1000L solution X 0.25% = 2.5L of adjuvant required) to TruRange. Options include Hasten, Intake or another non-ionic surfactant. 1% v/v for Merge Adjuvant or Crop Oil Concentrate.

How fast does TruRange start to show results?

TruRange results will start to be visible at 2 weeks, while a total change in colour can take up to 90 days.

How long does TruRange control last?

TruRange offers residual control of broadleaf weeds and brush for up to 24 months. The best results for long-term weed and brush control occurs when grasses and other desired vegetation are allowed to recover from adverse environmental conditions and compete with undesirable brush or weeds.

// TRURANGE IMPACT

What makes TruRange an Environmentally Sustainable Choice?

TruRange's unique combination of two powerful active ingredients allows you to use less product to control weeds and brush compared to other range and pasture herbicides. The result is long lasting residual, broad spectrum control of unwanted weeds and brush with less active ingredient per acre.

What are the modes of action for TruRange?

TruRange herbicide includes both a Group 2 (Metsulfuron-methyl) and Group 4 (Aminocyclopyrachlor) as modes of action. It is quickly taken up by the leaves, stems and roots of plants, with the most noticeable symptom being a bending and twisting of stems and leaves. Other advanced symptoms include severe chlorosis, necrosis, stem thickening, growth stunting, leaf crinkling, calloused stems and leaf veins, leaf-cupping, and enlarged roots.

Does TruRange have a noticeable odour?

TruRange has very minimal odour, and does not contain 2,4-D.

Is TruRange safe for animals?

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, but does not affect the animal.

Are there any grazing restrictions for TruRange?

TruRange has no grazing restrictions. Livestock can be allowed in the application area before, during and after spraying.

What are TruRange's manure restrictions?

Do not apply manure to land used for growing susceptible crops. Livestock should not be transferred from areas treated with TruRange to areas with sensitive crops without first allowing 3 days of grazing on untreated areas.

Will TruRange hurt my grass?

TruRange is a broadleaf herbicide that has no effect on grass. The elimination of weedy competition will increase the growth of grass.

How close can I get to trees when spraying?

Avoid application of TruRange to areas that may include the extended roots of desirable trees and/or shrubs – unless injury or loss to these trees can be tolerated.

Can TruRange be applied by air?

Yes, TruRange can be applied by air via fixed wing aircraft or helicopter. TruRange rates are the same as ground application, with water rates being 3-5gal/acre (30-50L/ha).

What PPE should be used with TruRange?

Always wear chemical resistant gloves, a long-sleeved shirt, shoes and socks, and long pants during mixing/loading, application, clean-up and repair activities. Gloves are not required for ground boom sprayers. Always read and follow label directions before use.

Why doesn't TruRange include a contact herbicide?

The use of a contact herbicide (like 2,4-D) is not necessary because TruRange is translocated into the roots of the plant, providing complete control without the need for a contact.



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