



# Thrust

A new level of  
Ragwort control



**Nufarm**

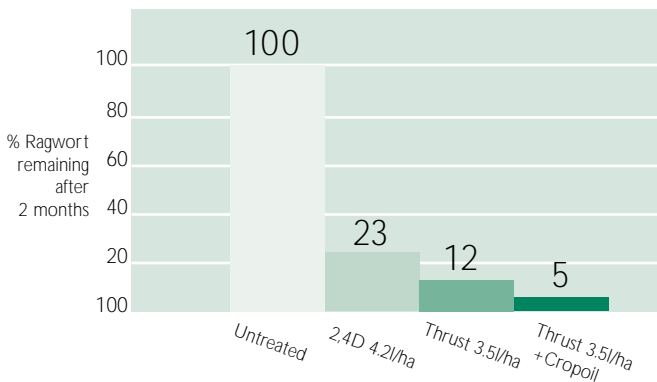
- **Unique combination of active ingredients to maximise Ragwort control**
- **Specific label recommendation with Nufarm Cropoil to further improve Ragwort control**
- **Control of other important perennial weeds in grassland**
- **Particularly effective against curled and broad-leaved Dock**

## Ragwort control

Just a few plants of Common ragwort will kill horses and cattle. To date there is no antidote to the effect of the alkaloid poisons this weed contains. One flowering plant can produce over 10,000 seeds which can germinate into new plants for many years to come. A long-term strategy for control is vital. This year Nufarm have launched Thrust which offers vastly improved control over traditional products such as 2,4-D.

Thrust contains a unique combination of 2,4-D and dicamba. Thrust gives a better and more consistent weed control reducing the need for hand roguing or subsequent treatments. Even better results can be achieved with a tank-mix of Thrust with Nufarm Cropoil.

### Performance of Thrust and Thrust + Cropoil compared to conventional treatment with 2,4-D



Many adjuvants can be mixed with grassland weedkillers but always read the label because most of them can only be mixed with a maximum of half the dose rate of the partner herbicide. Nufarm Cropoil can be mixed with a full rate of Thrust giving improved Ragwort control.

## The best time to apply Thrust

Spray in good growing conditions when the majority of Ragwort plants are in the rosette stage in the autumn or spring but before erect growth begins.

### Ideal timing



*Ragwort at rosette stage, 7 cm (2-3 inches) diameter.*

### Too late



*If any erect growth has taken place then the application is too late. The Ragwort above is far too advanced for treatment with Thrust.*

## **Application rates**

### **Farm sprayer**

Apply Thrust at 3.5 l/ha in 200 litres of water per hectare. Nufarm Cropoil can be added at 2.0 l/ha in 200 litres of water per hectare.

### **Knapsack sprayers**

As a rough guide 90 ml of Thrust in 10 litres of water will be sufficient to spray an area of 250 square metres.

## **Cautions**

### **Livestock withholding period**

Livestock often avoid grazing Ragwort but once sprayed, livestock no longer recognise it as Ragwort and are more likely to graze. Always allow the minimum withholding period of seven days before re-introducing livestock and delay introduction of livestock until the Ragwort dies and become unpalatable. This can often be more than two weeks.

### **Maximum number of treatments**

Two per year.

### **Clover**

Thrust will kill clover. Do not apply if clover is an important part of the sward.

### **Leys**

Only use on grassland established for 12 months.

### **Other weeds controlled with Thrust**

Thrust will kill a range of broadleaved weeds and has proved to be particularly effective against Dock and Thistles.



## In the Farmyard

Use a designated mixing and filling area for pesticides.

Never fill near a water course.

Avoid spills no matter how small.

Check sprayer for drips or leaks.

## In the Field

Do not spray if ground is waterlogged or frozen or if rain is forecast for the next three days.

Do not overspray buffer zones and water courses.

Avoid drift by using low drift nozzles where appropriate.

Keep an area of crop to spray out tank washings.



For further information

Thrust contains 2,4-D and dicamba.

Always read the label: use pesticides safely.

Thrust is a trademark of Nufarm UK Ltd.

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