

Magneto

A soluble concentrate containing 344 g/l 2,4-D and 120 g/l dicamba as the dimethylamine salt.

For the selective control of annual and perennial broad-leaved weeds in established agricultural grassland and amenity grassland.

PRODUCT BENEFITS

- Unique combination of active ingredients to maximise control of Ragwort.
- Specific label recommendation with Nufarm Cropoil to further improve control of Ragwort.
- Control of other important perennial weeds in grassland.
- Amenity grassland recommendation.

LERAP category: Unclassified

Pack size: 5 litres

Storage: PROTECT FROM FROST



IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL/AMENITY HERBICIDE.

Crop	Maximum individual dose	Maximum number of treatments	Latest time of application
Grassland	3.5 l/ha	Two per year	Before the crop is 25 cm high
Amenity grassland			

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

MAPP 12339

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

RESTRICTIONS

- DO NOT graze grass for at least seven days after spraying.
- DO NOT mow or roll four days before or after application. The first four mowings after treatment must be composted for at least six months before use.
- DO NOT treat newly established grass less than one year old.
- DO NOT treat grass crops intended for seed production.
- DO NOT treat grass suffering from drought, disease or other adverse factors.
- DO NOT roll or harrow crops for seven days either before or after application of MAGNETO.
- DO NOT apply when grassland is flowering.

WEEDS CONTROLLED

Apply when the majority of annual weeds are at the seedling stage.

Susceptible

Thistle, creeping (plants up to 50 cm high)

Moderately susceptible

Buttercup, creeping

Dock, broad-leaved

Ragwort, common

Dock, curled

Susceptible

Consistently high levels of control obtained under good growing conditions.

Moderately susceptible

Top growth usually killed and a useful measure of long-term control obtained under good growing conditions.

Ragwort control

Spray when the majority of plants are in the rosette stage and growing vigorously in the autumn or spring but before the flower spines start to grow. Fields for hay or silage the following spring should be sprayed in the preceding autumn. Fields to be grazed should be treated in the spring. Common ragwort will require spraying over a minimum of two years for complete control.

TANK MIXING

MAGNETO + Nufarm Cropoil (ADJ 0447)

Improvement in the level of control of Common ragwort to susceptible can be achieved by mixing 3.5 l/ha MAGNETO with 1.0% Nufarm Cropoil.

CROP SPECIFIC INFORMATION

Grassland and amenity grassland

Maximum dose rate

3.5 l/ha.

Timing

April to September.

Number of applications

Two per year.

Interval between applications

Four to six weeks.

Water volume

Apply in at least 200 litres of water per hectare.

MIXING AND SPRAYING

Before use ensure that the spraying equipment has been thoroughly cleaned. Half-fill the spray tank with clean water. With the contents of the spray tank under re-circulation, add the measured quantities of MAGNETO through the filter. Top up the tank with water to the required level and maintain re-circulation until the tank is sprayed out.

Apply the recommended quantity of MAGNETO through a conventional hydraulic sprayer using a MEDIUM spray to cover the weed leaves evenly and thoroughly.

After each day's use wash out with water and wetting agent. Wash out again with water, drain and allow to dry. Traces of herbicide left in the sprayer may damage susceptible crops if these are subsequently sprayed using the same equipment.

Avoid spray drift onto neighbouring crops and all broad-leaved plants outside the target area. Do not spray in windy weather. Beets, all brassicas including oilseed rape, lettuce, peas, potatoes, tomatoes, all fruit crops and ornamentals are particularly susceptible to 2,4-D and may be damaged by spray drift.

Knapsack application

This method is recommended for spot treatment of weeds, e.g. clumps of Nettles, Common ragwort, Docks or other weeds. Apply as a medium spray to just before run-off occurs.

Size of knapsack	MAGNETO	Water volume
5 litres	45 ml	5.0 litres
10 litres	90 ml	10.0 litres
20 litres	180 ml	20.0 litres

WEATHER AND GROWING CONDITIONS

Apply to a dry crop when rain is not forecast for at least 12 hours. Optimum results are obtained when the weeds are actively growing under good soil and weather conditions. Reduced weed control may be obtained during drought or cold weather. If rain falls shortly after application the effect of MAGNETO may be reduced.

MAGNETO

A soluble concentrate containing 344 g/l 2,4-D and 120 g/l dicamba as the dimethylamine salt.

**HARMFUL****DANGEROUS FOR THE ENVIRONMENT**

**HARMFUL IF SWALLOWED.
RISK OF SERIOUS DAMAGE
TO EYES.**

**MAY CAUSE SENSITISATION
BY SKIN CONTACT.**

**TOXIC TO AQUATIC
ORGANISMS, MAY CAUSE
LONG TERM ADVERSE EFFECTS IN
THE AQUATIC ENVIRONMENT.**

IN CASE OF CONTACT WITH EYES, RINSE
IMMEDIATELY WITH PLENTY OF WATER
AND SEEK MEDICAL ADVICE.

WEAR SUITABLE PROTECTIVE CLOTHING.

WEAR SUITABLE GLOVES.

WEAR EYE/FACE PROTECTION.

USE APPROPRIATE CONTAINMENT TO
AVOID ENVIRONMENTAL
CONTAMINATION.

THIS MATERIAL AND ITS CONTAINER
MUST BE DISPOSED OF IN A SAFE WAY.

*Contains 2,4-D: may produce an allergic
reaction.*

To avoid risks to man and the environment, comply with the instructions for use.

SAFETY PRECAUTIONS**Operator protection**

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when applying by vehicle-mounted equipment.

WEAR SUITABLE PROTECTIVE CLOTHING (IMPERMABLE COVERALLS), SUITABLE PROTECTIVE GLOVES, RUBBER BOOTS AND FACE PROTECTION (FACESHIELD) when handling contaminated surfaces or applying by hand-held equipment.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

IF YOU FEEL UNWELL, seek medical advice (show label where possible).

Environmental protection

KEEP LIVESTOCK out of treated areas for at least seven days until foliage of any poisonous weeds, such as Ragwort, have died and become unpalatable.

TOXIC TO AQUATIC ORGANISMS, may cause long term adverse effects in the aquatic environment.

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES.

Storage and disposal

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDSTUFFS.

WASH OUT CONTAINER THOROUGHLY and dispose of safely.

KEEP OUT OF REACH OF CHILDREN.

This material and its container must be disposed of in a safe way.

DO NOT RE-USE CONTAINER for any purpose.