

Lupo



A soluble concentrate containing 345 g/l 2,4-D and 345 g/l MCPA as the dimethylamine salt.

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

PRODUCT BENEFITS

- A highly cost-effective treatment which can be used as part of a Ragwort eradication programme.
- Control of many perennial grassland weeds.
- Can be applied by a knapsack sprayer.

PCS No. 02979

Pack size: 10 litres

Storage: PROTECT FROM FROST



Grow a better tomorrow.

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE.

Crop	Maximum individual dose	Maximum number of treatments	Latest time of application
Established grassland	4.0 l/ha	One per year	March to October and before the crop is 25 cm high

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.

Additional Safety Phrases

DO NOT contaminate water with the product or its container. (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads.)

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 14 days after spraying.

DO NOT mow or roll seven 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 suffering from drought, disease or other adverse factors.

DO NOT roll or harrow crops for seven days either before or after application of LUPO.

DO NOT apply when grassland is flowering.

It is safe to use on grass seed crops with a latest application time of five weeks before emergence of seed head.

DO NOT spray in windy weather, avoid drift on to neighbouring crops, especially beans, beet, brassicas, carrots, legumes, lettuce and tomatoes which are very susceptible.

DO NOT sow any crop into soil treated with LUPO for at least three months after application.

WEEDS CONTROLLED

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

Claim	Weed	Growth stage
Moderately Susceptible	Dock, broadleaved	Up to 150 mm high
	Dock, curled	
	Thistle, creeping	Up to 250 mm high
	Ragwort	Rosette stage, up to 7 cm in diameter
	Nettle, common	Up to 150 mm high
Moderately Resistant	Buttercup	Up to 150 mm high
	Forget-me-not	

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

Moderately Resistant Variable control, but some results obtained under good growing conditions.

Ragwort control

Spray when plants are growing vigorously in the autumn or spring but before the flower spine starts to grow. The majority of plants should be in the rosette stage and no more than 7 cm in diameter and before vertical growth has begun. 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.

NOTE: It is important that all livestock are kept out of treated areas for at least two weeks following treatment and until the Ragwort has died and become unpalatable.

Clover

This product may also cause a severe check of clover.

CROP SPECIFIC INFORMATION

Grassland

Dose

4.0 l/ha.

Maximum number of applications

One per year.

Timing

Beginning March to end October before crop is 25 cm high.

Water volume

Apply in at least 200 l/ha.

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 spray tank under re-circulation, add the measured quantities of LUPO 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 LUPO through a conventional hydraulic sprayer using a MEDIUM spray to cover the weed leaves evenly and thoroughly.

After each days 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 broadleaved 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 Common nettle, Common ragwort, Docks or other weeds. Apply as a medium spray to just before run-off occurs.

Size of knapsack	LUPO	Water volume
5 litres	45 ml	5 litres
10 litres	90 ml	10 litres
20 litres	180 ml	20 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 LUPO may be reduced.

RESISTANCE MANAGEMENT

When herbicides with the same mode of action are used repeatedly over several years in the same field, selection of resistant biotypes can take place. These can propagate and may become dominating. A weed species is considered to be resistant to a herbicide if it survives a correctly applied treatment at the recommended dose. A strategy for preventing and managing such resistance should be adopted. This should include integrating herbicides with a programme of cultural control measures.

LUPO

A soluble concentrate containing 345g/l 2,4-D and 345 g/l MCPA as the dimethylamine salt.

**DANGER**

Causes serious eye damage.

Harmful to aquatic life with long lasting effects.

Wear eye/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTRE or doctor/physician.

Avoid release to the environment.

Dispose of contents/container to hazardous or special waste collection point.

Contains 2,4-D. May produce an allergic reaction.

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

PCS No. 02979

Use plant protection products safely. Always read the label and product information before use. For product information including warning phrases and symbols refer to www.nufarm.com/ie.