

HARMFUL • ECOTOXIC • CORROSIVE
KEEP OUT OF REACH OF CHILDREN

Nufarm Duplosan[®]

[KV]

FREE RECYCLING



AGRECOVERY

www.agrecovery.co.nz



Active ingredient: 600g/litre mecoprop-P (optically active isomer)
as the potassium salt in the form of a soluble concentrate.

**Selective cereal herbicide, particularly suitable
for use in mixtures to control difficult weeds.**

Net: 10 Litres

L60740115



Nufarm

Grow a better tomorrow.

HAZARD CLASSIFICATION: 6.1D, 6.9B, 8.3A, 9.2A, 9.3C

APPROVED HANDLER: This product must be under the control of an approved handler during use.

This product must not be used for any purpose or in any manner, contrary to this label unless authorised under appropriate legislation.

TOXICITY

- Harmful – may be harmful if swallowed, inhaled or absorbed through the skin. May cause organ damage from repeated oral exposure at high doses.

CORROSIVE

- Danger - this product is corrosive and may cause eye damage.

ECOTOXIC

- Very toxic to the soil environment.
- **Selective herbicide** - very toxic to some plant species.
- **Beware: Apply this product carefully, spray drift may cause serious damage to desirable plants.** Do not allow drift to occur outside the target area.

HANDLING PRECAUTIONS

STORAGE

- Store in original container tightly closed and in a locked, dry, cool area, away from foodstuffs, seeds and fertilizers. Store in accordance with NZS 8409 Management of Agrichemicals.
- Stores containing 100L of Duplosan KV require signage and 1000 litres require secondary containment. Stores containing more than 1,000 litres require emergency response plans.

PERSONAL PROTECTION

- When handling wear eye protection, waterproof gloves, overalls and boots. Do not eat, drink or smoke while using. Wash splashes of concentrate from skin and eyes immediately. Remove protective clothing and wash hands and face thoroughly before meals and after work.

EQUIPMENT

- Apply using well maintained and accurately calibrated equipment.

DISPOSAL

- Triple rinse empty container and add rinsate to spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.
- Dispose of product only by using according to the label, or at an appropriate landfill.

FIRST AID: If swallowed do NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If splashed in eyes, wash out immediately with water. If inhaled, move victim to fresh air immediately.

SPILLAGE: Wear appropriate protective clothing and prevent material from entering waterways. Contain liquid spills and absorb with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.

TRANSPORT: Do not carry this product on a passenger service vehicle.

RECORD KEEPING: Records of use as described in NZS 8409 Management of Agrichemicals, must be kept whenever 3 litres or more of Duplosan KV is applied within 24 hours.

MIXING: Add the required amount to the partly filled spray tank, with agitation system operating. Complete filling the tank. When tank mixing with other products, add separately to the spray mix. Do not mix concentrated products together.

COMPATIBILITY: Duplosan-KV is compatible with most commonly used insecticides, herbicides and fungicides and liquid fertilisers e.g. Foliar Nitrofoska®.

GENERAL INFORMATION

Duplosan-KV contains the "optically active" isomer of mecoprop only, and does not therefore contain the inactive materials which have been present in conventional mecoprop formulations. Similar herbicidal activity will be obtained from only 550g ai of **Duplosan-KV** to that which could be expected of 1.0kg ai of conventional mecoprop formulations. This means the active ingredient of **Duplosan-KV** is effectively double strength. DO NOT USE STANDARD MECOPROP RATES.

Weeds Controlled

Susceptible weeds include

| | | | | |
|------------------|---------|---------------------|-----------------------------------|-------------|
| Black nightshade | Clover | Hawksbeard | Redroot (<i>Amaranthus</i> spp.) | Vetch |
| Calandrinia | Combind | Hedge mustard | Shepherd's purse | Wild turnip |
| Chickweed | Docks | Mouse-ear chickweed | Sow thistle | |
| Cleavers | Fathen | Nettle | Twin Cross | |

Duplosan-KV is ideally suited for use in mixtures with other cereal herbicides. For example, it may be used in mixture with MCPA to improve control of cleavers, combine, chickweed, speedwell, fumitory, and Californian thistle and with Glean® to improve control of cleavers, fumitory and nightshade. Best results will be obtained if weeds are sprayed when they are young and growing actively.

Moderately susceptible weeds include

| | | | | |
|---------------------|----------------|---------------|----------------------|----------------|
| Bathurst bur | Dandelion | Galinsoga | Scentsless chamomile | Wild portulaca |
| Bladder campion | Field bindweed | Groundsel | Speedwell | Willow weed |
| Brassicas | Field pansy | Morning Glory | Spurry | Wireweed |
| Californian thistle | Flabanes | Pearlwort | Thistles | |
| Catsear | Fumitory | Plantain | Thorn apple | |

Moderately resistant or resistant weeds include

| | | | |
|---------|---------|--------|-----------------|
| Grasses | Mayweed | Yarrow | Yellow gromwell |
|---------|---------|--------|-----------------|

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards.

DIRECTIONS FOR USE

| Crop | Rate | Remarks |
|--|---|---|
| Cereals: barley, oats, wheat, ryecorn | 1.5-2.6 litres/ha alone | Use the highest rate when moderately susceptible weeds are present. |
| | 1.0-1.5 litres/ha in mixtures | Use the lowest rate where weeds are moderately susceptible to both herbicides. Use the highest rate for control of problem weeds. |
| | 0.75 litres/ha in a mixture with Glean. | For Clean rates refer to Glean label. |
| Grass lawns NB: Do not use on Cotula or Dichondra lawns | 2.4 litres/ha | For the control of chickweed, mouse-ear chickweed, pearlwort, plantains and other susceptible weeds. |
| | 2.6 litres/ha | For the control of catsear and dandelion. |

Water rates: Apply in 170-280 litres/ha for ground spray application. Rates may be reduced to 20-30 litres/ha for aerial application.

Notes

1. Best results are obtained if weeds are at the seedling stage and growing rapidly in warm moist weather.
2. Do not spray if night temperatures are low or if rain is likely within 3 hours following application.
3. Cleavers and vetch should be past the 2 leaf stage if control is to be achieved.
4. Do not spray crops suffering from stress - e.g. moisture stress, frost damage.
5. Do not use in crops undersown with clover.
6. Crops should not be rolled within 7 days before or after treatment.
7. Apply to cereals from the 3 leaf stage up to jointing of the crop. Do not apply after the crop has formed a canopy over the weeds.

Registered pursuant to the ACVM Act 1997, No. P3898. See www.foodsafety.govt.nz for registration conditions. Approved pursuant to the HSN0 Act 1996, Approval Code: HSR000372. See www.epa.govt.nz for approval controls.

CONDITIONS OF SALE:

CAUTION: READ THIS NOTICE BEFORE OPENING THE CONTAINER

If you open this container you will be deemed to have accepted the conditions below.

The results from use of this product may be affected by factors beyond Nufarm's control, including mixing, use, climatic conditions, time of application, crop or crop stage and the possible development of resistance to the active ingredient, even though the product is reasonably fit for the purposes stated in this label, and even though label directions are followed. Nufarm will replace, free of charge, any product which is found to have a manufacturing defect. To the extent permitted by law, all other warranties, guarantees, representations and conditions, whether expressed or implied by law, trade, custom or otherwise are expressly excluded.

When you use this product, you agree that neither Nufarm Limited nor any manufacturer of any component of the product will be liable for any damage, injury or loss including consequential loss which arises in any way from the storage, handling, or use of the product. This exclusion of liability includes loss caused by negligent acts or omissions of Nufarm Limited or any supplier or manufacturer of the product or any of their employees and agents.

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Batch No:

D.O.M: