

KEEP OUT OF REACH OF CHILDREN - WARNING

DONAGHYS

Flumetsulam 800

A herbicide for post emergent management of broadleaf weeds in clover, lucerne, chicory, new and mature pasture and maize.

Active ingredient: Contains 800 g/kg flumetsulam in the form of a Water Dispersible Granule (WDG)



Net:
500g

DONAGHYS
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INSTRUCTIONS – DONAGHYS FLUMETSULAM 800

PRODUCT INFORMATION - READ LABEL BEFORE USE

DONAGHYS FLUMETSULAM 800 herbicide will control or suppress broadleaf weeds in crops or pastures while selectivity to clovers, lucerne and chicory is preserved.

DIRECTIONS FOR USE

Apply to actively growing weeds. Do not apply in cold wet conditions. Always apply DONAGHYS FLUMETSULAM 800 in a mixture with a suitable spraying oil unless it is specifically recommended not to do so.

APPLICATION

Aerial spraying and ground boom spraying: Apply DONAGHYS FLUMETSULAM 800 in 100-300 litres of water per hectare. Use the higher water rate where weeds are dense.

CDA application: Do not use less than 30 litres of water per hectare using spray equipment which will produce a droplet size of 250-300 microns. Trial results indicate that CDA application may result in less effective weed control than conventional boom spraying.

Refer to booklet for application rates.



Registered pursuant to the ACVM Act 1997, No P8589.
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSNO Act 1996 approval code HSR000458
See www.epa.govt.nz for controls applying to the substance

IMPORTANT NOTICE - CONDITIONS OF SALE ACCEPTANCE AND USE OF THIS PRODUCT WILL BE DEEMED TO BE ACCEPTANCE OF THESE CONDITIONS OF SALE.

Results from the use of this product may be affected by factors beyond Donaghys control. These factors include but are not limited to mixing, use, time of application, weather, crop, crop lifecycle and resistance to the active ingredient, even though the product is reasonably fit for its stated purpose and label directions have been followed. Donaghys will replace any defective product free of charge, but to the extent permitted by law all other warranties, representations, conditions or obligations whether imposed or implied by law or otherwise, and the manufacturer's and supplier's liability for any indirect special or consequential losses or damages of any kind arising out of the supply and/or use of this product, including where it arises out of negligence, are expressly excluded. **IN ANY EVENT, TO THE EXTENT PERMITTED BY LAW, THE MANUFACTURER'S AND SUPPLIER'S LIABILITY ARISING OUT OF THE SUPPLY AND OR USE OF THIS PRODUCT IS LIMITED TO THE AMOUNT PAID FOR THE SPECIFIC PRODUCT.**

FOR FULL HAZARD AND SAFETY INFORMATION SEE PAGE 8

ZPAAPM892 Aug17

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REGISTERED TO AND FORMULATED
FOR: DONAGHYS LTD
PO BOX 20 449, CHRISTCHURCH.
FREEPHONE: 0800 942 006
WWW.DONAGHYS.COM



HSNO CLASS: 9-1A, 9-2A

DIRECTIONS FOR USE

APPLICATION

Make sure that spray equipment is correctly calibrated. Ensure complete spray coverage for best results. Do not overspray.

Aerial spraying and ground boom spraying: Apply DONAGHYS FLUMETSULAM 800 in 100-300 litres of water per hectare. Use the higher water rate where weeds are dense.

CDA application: Do not use less than 30 litres of water per hectare using spray equipment which will produce a droplet size of 250-300 microns. Trial results indicate that CDA application may result in less effective weed control than conventional boom spraying.

APPLICATION RATES

DONAGHYS FLUMETSULAM 800 Dose rate in g/ha	WEEDS CONTROLLED	CRITICAL COMMENTS
30	Chickweed, Spurrey, Wild Radish, Hedge Mustard	Apply before 4th leaf
50	Amaranthus (redroot), Cleavers, Black Nightshade, Fathen, Shepherds Purse, Mallow Annual Buttercup, Creeping Yellow Cress, Yellow Gromwell	Apply before 4th leaf Apply before flowering
65	Larger weeds above Stinking Mayweed, Wireweed, Sorrel Field Pansy, Henbit, Willow Weed, Oxeye Daisy Giant Buttercup	Apply to young seedlings Apply to young seedlings Suppression only Apply before flowering

Mature Pasture: DONAGHYS FLUMETSULAM 800 may be applied in either spring or autumn for buttercup control. Repeating spring treatments for two successive seasons will maximise control of Giant Buttercup.

APPLICATION TIMING

CROP	CROP GROWTH STAGE
New pasture	Use after clover has developed 2 trifoliolate leaves
New and established White Clover Seed Crops	Apply after the emergence of the 4th trifoliolate leaf and before stolon elongation
New and established Red Clover Seed Crops and Subterranean Clover	Apply after the emergence of the 6th trifoliolate leaf and before stolon elongation
Established Lucerne	Apply before flowering
Maize	Apply at the 4th leaf (90mm plant height) stage
New and established Chicory	Apply after the emergence of the 4th leaf

COMPATIBILITY

The addition of MCPB herbicide to DONAGHYS FLUMETSULAM 800 will increase the range of broadleaf weeds controlled. DONAGHYS FLUMETSULAM 800 is also compatible with most commonly used herbicides.

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

WITHHOLDING PERIODS

Do not graze crops or treated pasture for 14 days after treatment. Do not plant susceptible crops (see crop rotation below) for three months after treatment.

CROP ROTATION

Do not plant susceptible crops for three months after application with DONAGHYS FLUMETSULAM 800. Susceptible crops include all brassica species, sunflowers, lupins and beans. Do not allow spray to drift onto susceptible crops or land to be planted with susceptible crops.

ANIMAL SAFETY

Poisonous plants (e.g. including but not limited to giant buttercup and black nightshade) may become more palatable after spraying. If concerned that stock health may be affected, stock should be kept away from the treated area until plants have died down.

CLEANING SPRAY EQUIPMENT AFTER USE

Drain completely and flush the system twice with clean water immediately after spraying. Discard rinse water on land already sprayed or on waste land away from desirable plants and water sources. If a susceptible crop (see above) is to be sprayed next, additional cleaning with detergent is recommended. In this case after the initial flush with clean water, refill the spray tank adding an alkali detergent to make a 0.5% solution (e.g. low foam laundry detergent added at 500g/100 litres of water). Flush through the boom and hoses and allow to stand with agitation engaged for 15 minutes. Remove filters and nozzles and clean them separately. Drain the system and flush thoroughly.

ECOTOXICITY

- **VERY TOXIC TO FISH WITH LONG LASTING EFFECTS. Avoid contamination of any water supply with product or empty container.**
- **VERY TOXIC TO THE SOIL ENVIRONMENT**
- **SELECTIVE HERBICIDE - VERY TOXIC TO SOME PLANT SPECIES. Beware: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Do not allow drift to occur outside the target area.**

APPROVED HANDLER

- This product must be under the control of an approved handler when it is applied in a wide dispersive manner or used by a commercial contractor.
- This product must not be used for any purpose or in any manner contrary to this label unless authorised under appropriate legislation.

PRECAUTIONS

- Keep out of the reach of children.
- Avoid contact with skin, eyes and inhalation of spray mist.
- When handling, wear eye protection, waterproof gloves, boots and overalls.
- Remove protective clothing and wash hands and face thoroughly before meals and after work.
- Do not eat, drink or smoke while using.

STORAGE

- Store in the original container in a locked, dry, cool area away from foodstuffs, fertilisers and seeds. Avoid storage at temperatures below 5°C and above 35°C.
- Storage must be in accordance with the current version of NZS 8409 Management of Agrichemicals.
- Stores containing 100kg of DONAGHYS FLUMETSULAM 800 require signage and emergency response plans where more than 100kg is stored.

SHELF LIFE

- When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

EQUIPMENT

- Apply using well maintained and accurately calibrated equipment. Clean equipment thoroughly after use.

READ THE LABEL CAREFULLY BEFORE USING DONAGHYS FLUMETSULAM 800

Active ingredient: Contains 800g/kg Flumetsulam in the form of a Water Dispersible Granule (WDG)

HSNO CLASS: 9.1A, 9.2A

IN A TRANSPORT EMERGENCY: DIAL 111

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 ON SKIN OR HAIR: Remove contaminated clothing and flush skin and hair with running water.

IF SPLASHED IN EYES: Wash out immediately with running water for several minutes.

IF INHALED: Move the patient to fresh air immediately.

DISPOSAL

- Triple rinse empty container and add rinsate to the spray tank.
- Recycle empty container. Otherwise crush and bury empty container in suitable landfill. Do NOT use the container for any other purpose.
- Avoid contamination of any water supply with chemical or empty container.

SPILLAGE

- Wear appropriate protective clothing and prevent material from entering waterways. Contain liquid spills and absorb with inert material and place in waste container. Sweep up solids without creating dust. Dispose of waste safely in a suitable landfill.

RECORD KEEPING: Records of use as described in NZS 8409 Management of Agrichemicals must be kept if more than 3kg of DONAGHYS FLUMETSULAM 800 is applied within 24 hours.

RESISTANT WEEDS WARNING: DONAGHYS FLUMETSULAM 800 contains a Group B Herbicide belonging to the triazolopyrimidine sulfonamide (sulphonamide) group of chemicals with the inhibition of acetolactate synthase (ALS) mode of action. Naturally occurring biotypes resistant to sulfonamide herbicides are known to exist. Resistance to these herbicides could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions and resistance management strategies at www.resistance.nzpps.org

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