

WARNING • ECOTOXIC

KEEP OUT OF REACH OF CHILDREN

Read label before use

AGPRO

Flumetsulam 800 WDG

Contains 800g/kg flumetsulam in the form of a water dispersible granule.

For post-emergence control of broadleaf weeds in clover, lucerne, chicory, new and mature pasture and maize.

500g

Registered pursuant to the ACVM Act 1997, No. P8707
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to HSNO Act 1996, HSR000458
See www.epa.govt.nz for approval controls

Registered to and distributed by:
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AGPRO



HAZARD CLASSIFICATION

Hazardous to the aquatic environment acute
Category 1

Hazardous to the aquatic environment chronic
Category 1

Hazardous to soil organisms

HSNO Classification: 9.1A, 9.2A

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

WARNING ECOTOXICITY

Very toxic to aquatic life with long lasting effects. Very toxic to the soil environment.

PRECAUTIONS QUALIFIED HANDLER

This product must be under the control of a suitably qualified handler during handling, mixing, loading or application.

Selective Herbicide – very toxic to some plant species. This product must not be applied into or on water. Avoid contamination of any water supply with product or empty container.

Beware: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

PERSONAL PROTECTION

Avoid contact with skin and eyes, ingestion and inhalation of dust or spray mist. When mixing or applying this product, overalls, boots, gloves and eye protection should be worn. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

STORAGE

Store in original container, tightly closed, in a secure, dry, cool and well-ventilated area avoiding direct sunlight and away from foodstuffs, fertilisers or seeds. Storage must be in accordance with the current version of

Proper Shipping Name	Class	UN No.	Packing Group	Hazchem
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (contains flumetsulam 80%)	9	3077	III	2Z

Batch Number:

Date of Manufacture:



LBL097.1

Management of Agrichemicals (NZS 8409). Stores containing 100 kg or more of **AGPRO Flumetsulam 800 WDG** require secondary containment, signage and an emergency plan.

EQUIPMENT

Apply only with appropriate, well-maintained and calibrated equipment in accordance with NZS 8409.

RECORDS OF APPLICATION

If 3kg or more of the substance is applied within 24 hours, in a place where the substance is likely to enter the air or water and leave the application area, written records must be kept.

DISPOSAL

PRODUCT DISPOSAL: Dispose of this product only by using according to the label directions or if this is not possible contact your supplier for advice.

CONTAINER DISPOSAL: Triple rinse container and add rinsate to the spray tank. Recycle clean containers at an Agrecovery depot, or puncture and dispose of at an approved landfill. Do not burn. Do not use container for any other purpose.

FIRST AID

For advice call the National Poisons Centre 0800 POISON (0800 764 766) (24 hours) or a doctor. If medical advice is needed have product container or label to hand.

IF SWALLOWED: Do NOT induce vomiting. Rinse mouth. Call the Poisons Centre or a doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention.

IF ON SKIN OR HAIR: Remove contaminated clothing and flush with water. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before reuse.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call the Poisons Centre or a doctor if you feel unwell. Apply artificial respiration if not breathing.

EMERGENCY RESPONSE

In a transport emergency call 111, Police or Fire Brigade.

For specialist advice in a chemical emergency call 0800 CHEMCALL (0800 243 622).

SPILLAGE

Exclude non-essential people from the area. Wear protective clothing and prevent chemical from entering waterways. Contain liquid spills and absorb with inert material. Generating as little dust as possible, sweep up solid spills and place in a waste container. Wash area with water and absorb with inert material such as attapulgite, soil, etc., and place in a sealable and labelled waste container. Dispose of safely at an approved landfill.

SAFETY DATA SHEET

Additional information is provided in the safety data sheet. Phone 09 273 3456 or visit www.agpro.co.nz for a copy.

GENERAL INSTRUCTIONS

AGPRO Flumetsulam 800 WDG will control or suppress broadleaf weeds in crops or pasture while selectivity to clovers, lucerne and chicory is preserved.

WITHHOLDING PERIOD

It is an offence for users of this product to cause residues exceeding the relevant MRL in

the Food Notice: Maximum Residue Limits of Agricultural Compounds.

Do **NOT** graze crops or treated pasture for 14 days after treatment.

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.

RESISTANT WEEDS WARNING

GROUP	2	HERBICIDE
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AGPRO Flumetsulam 800 WDG belongs to the triazolopyrimidine sulfonanilide (sulfonamide) group of chemistry, with the inhibition of acetolactate synthase (ALS) mode of action. Naturally occurring biotypes resistant to sulfonanilide herbicides are known to exist. Resistance to these herbicides could develop from excessive use. To prevent or delay resistance use **AGPRO Flumetsulam 800 WDG** in tank mixes as appropriate, and/or in rotation with herbicides that have a different mode of action. Refer to www.resistance.nzpps.org for further resistance management advice.

DIRECTIONS FOR USE

MIXING

Stir or mix well. Add the full quantity of the product to the partly filled spray tank whilst agitating. Fill tank and agitate to ensure thorough mixing and continue agitation while spraying. Agitate from the bottom if allowed to stand.

COMPATIBILITY

The addition of **AGPRO MCPB Extra** to **AGPRO Flumetsulam 800 WDG** will increase the range of broadleaf weeds controlled. Also compatible with most commonly used herbicides. Do not mix **AGPRO Flumetsulam 800 WDG** with spraying oil when using with triazine herbicides on lucerne. The use of spraying oil with **AGPRO Flumetsulam 800 WDG** and **AGPRO 2,4-D Amine 800 WSG** on pasture will increase clover damage and is not recommended unless the pasture has been well grazed first before spraying.

APPLICATION

Apply to weeds in active growth. Do not apply in cold, wet conditions. Always apply **AGPRO Flumetsulam 800 WDG** in mixture with a suitable spraying oil such as **AGPRO Crop Oil** at 500ml/100litres of water, unless it is specifically recommended not to do so.

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

Aerial and ground broadcast application:

Apply **AGPRO Flumetsulam 800 WDG** in 100-300 litres of water per hectare. Use the higher water rate where weeds are dense.

CDA application: Use the large (250-300 micron) droplet size and apply not less than 30 litres of water per hectare. Trials indicate that CDA application may result in less effective weed control than conventional boom spraying.

Mature Pasture: AGPRO Flumetsulam 800 WDG may be applied in either spring or autumn for buttercup control. Repeat spring treatments for two successive seasons will maximise control of giant buttercup.

Weeds Controlled	Rate g/ha	Critical Comments
Chickweed, Spurrey, Wild Radish, Hedge Mustard.	30	Apply before 4th leaf.
Amaranthus (Redroot), Cleavers, Black Nightshade, Fathen, Shepherd's Purse, Mallow.	50	Apply before 4th leaf.
Annual Buttercup, Creeping Yellow Cress, Yellow Gromwell.	50	Apply before flowering.
Larger Weeds (above). Stinking Mayweed, Wireweed, Sorrel	65	Apply to young seedlings.
Field Pansy, Henbit, Willow Weed, Oxeye Daisy.	65	Apply to young seedlings. Suppression only.
Giant Buttercup.	65	Apply before flowering.

APPLICATION TIMING

Crop	Crop Growth Stage
New pasture New and established White Clover Seed Crops	Use after clover has developed two trifoliolate leaves. 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.

CROP ROTATION

Do not plant susceptible crops until three months after application of **AGPRO Flumetsulam 800 WDG**. 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.

CLEANING AND DECONTAMINATION

Drain completely and flush 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 percent solution. (e.g. a 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 with clean water.

CONDITIONS OF SALE

As the use of this product is beyond the control of AGPRO NZ Ltd, no warranty expressed or implied, beyond that covered under the Fair Trading Act is given by AGPRO NZ Ltd regarding its suitability, fitness, or efficacy for any purpose for which it is used by the user, whether in accordance with the directions or not. AGPRO NZ Ltd accepts no responsibility for any consequence whatsoever resulting from the use of this product.