

ECOTOXIC

Fluent 800

HERBICIDE

ACTIVE INGREDIENT:

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

For the selective control of broadleaf weeds in new and established pasture, chicory, clover, lucerne and maize.

Registered pursuant to the ACVM Act 1997, No. P10216

See www.foodsafety.govt.nz for registration conditions.

Approved under the HSNO Act 1996, HSR000458

See www.epa.govt.nz for Controls.

IN A TRANSPORT EMERGENCY: CALL 111, POLICE OR FIRE BRIGADE

AgSta  [®]



READ LABEL COMPLETELY BEFORE OPENING AND USE

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

GENERAL DIRECTIONS

Before opening, carefully read warning statement, precautions instructions, first aid instructions and directions for use. **Fluent 800** is a selective herbicide that will control or suppress broadleaf weeds in crops or pasture while selectivity to clovers, lucerne and chicory is preserved. It is best applied to weeds during active growth. Do not apply in cold wet conditions. **Fluent 800** should always be applied with suitable mineral spraying oil.

APPLICATION

Apply through correctly calibrated spraying equipment to ensure complete spraying coverage.

WARNING: Application equipment must be decontaminated BEFORE and AFTER the application of **Fluent 800**. See Sprayer Decontamination section for details.

Boom (ground or aerial) application: Use 100 -300 litres of water per hectare. Use the higher rate where weeds are dense to ensure that all weed foliage is thoroughly covered.

Controlled Droplet Application (CDA) application: Use not less than 30 litres/ha of water/ha with a droplet size of 250-300 microns. Trials indicate that CDA application may result in less effective weed control than conventional boom spraying.

MIXING

Add the required amount of **Fluent 800** to the partly filled spray tank with the agitation system running. Complete filling before adding any spraying oil, and maintain agitation throughout mixing and application. When tank mixing, **Fluent 800** should be added first, followed by wettable powders or other dry flowable formulations, suspension concentrates (flowable), aqueous concentrates, emulsifiable concentrates and then add suitable mineral oil

last.

COMPATIBILITY

Seek advice or check compatibility of **Fluent 800** with other commonly used herbicides. Do not mix **Fluent 800** with spraying oil when using with triazine herbicides on lucerne.

SPRAYER DECONTAMINATION

Before applying Fluent 800:

If the equipment has been used to apply sulfonyl urea herbicides, and if a spraying oil is to be used, then the equipment must be decontaminated according to the instructions on the sulfonyl urea product label. Small amounts of sulfonyl urea from the inside surfaces of the spraying equipment may severely affect the crop being treated.

After applying Fluent 800:

Always wash tank and flush equipment thoroughly with clean water after use. To avoid subsequent injury to sensitive crops, immediately after spraying thoroughly remove all traces of **Fluent 800** from mixing and spraying equipment as follows:

1. Drain tank, then flush tank, booms and hoses with clean water.
2. Quarter fill the tank with clean water and add 500 g of an alkali detergent per 100 litres of water. Circulate through the system for at least 15 minutes with agitation, then drain.
3. Drain the whole system.
4. Nozzles and filters should be removed and cleaner separately.
5. Finally, rinse tank thoroughly with clean water, flush through hoses and booms and allow to drain.

RAINFALL

Do not spray if rain is expected within 6 hours.

DIRECTIONS FOR USE

Fluent 800 g/ha	Weeds Controlled	Critical Comments
30	Chickweed, hedge mustard, spurrey, wild radish	Apply before 4th leaf
50	Amaranthus (redroot), black nightshade, cleavers, fathen, mallow, shepherd's purse Annual buttercup, creeping yellow cress, yellow gromwell	Apply before 4th leaf Apply before flowering
65	Larger weeds (as listed above) Sorrel, stinking mayweed, wireweed Field pansy, henbit, oxeye daisy, willow weed Giant buttercup	Apply to young seedlings Suppression only, apply to young seedlings Apply before flowering

Established Pasture (grass, clover, chicory, plantain): Fluent 800 may be applied in either spring or autumn for buttercup control. Repeat spring treatments for two successive seasons will maximise control of giant buttercup.

APPLICATION TIMING

Crop	Crop Growth Stage
New pasture (grass, clover, chicory, plantain)	Apply when clover has 2 trifoliate (true) leaves
New and established white clover	Apply after the emergence of the 4th

seed crops	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 (90 mm plant height) stage
New and established chicory	Apply after the emergence of the 4th leaf

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

WITHHOLDING PERIODS

Do not graze crops or treated pasture for 14 days after application.

Animal Safety

Poisonous plants, such as 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 areas until plants have died down.

CROP ROTATION

Do not plant susceptible crops until three months after the application of **Fluent 800**. Susceptible crops include all brassica species, beans, lupins and sunflowers. Do not allow spray drift onto susceptible crops or land to be planted with susceptible crops.

RESISTANCE MANAGEMENT

GROUP	2	HERBICIDE
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Fluent 800 contains flumetsulam from the triazolopyrimidines group of

herbicides. Naturally occurring biotypes resistant to this herbicide group may exist. To delay or prevent the development of resistant weeds, use **Fluent 800** according to the label rate and weed growth stage, and rotate with an effective herbicide of a different mode of action. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any).

CONDITIONS OF SUPPLY

READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING.

IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer or registrants control. The manufacturer and registrant decline all liability for damage resulting from improper storage or use of the product.



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