

**ECOTOXIC**  
Keep out of reach of children

## **FODDER BEET SMOOTH**

Contains 60 g/L phenmedipham, 60 g/L desmedipham, 60 g/L ethofumesate and 200 g/L, metamitron in the form of a suspo-emulsion (SE)

A selective herbicide for the control of broadleaf weeds in fodder beet, sugar beet and red beet

**READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING**

Registered pursuant to the ACVM Act 1997 No: P009385  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.  
Approved pursuant to HSNO Act 1996 No HSR101145  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions

Date of manufacture:  
Batch no:  
Net contents: 10L

**Distributed by:**  
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**HSNO CLASSIFICATION**

6.1D, 6.3B, 6.4A, 6.5B, 6.7B, 6.9B, 9.1A, 9.2A, 9.3C. 6.1D - Metamitron, 6.5B - Desmedipham

**TOXICITY:** May be harmful if swallowed, inhaled or absorbed through the skin. May cause skin irritation. May cause eye irritation. May cause sensitisation from prolonged skin contact. Suspected of causing cancer. May cause organ damage from repeated oral exposure at high doses.

**ECOTOXICITY:** Very toxic to aquatic organisms with long lasting effects. Not to be applied directly onto or into water. **Avoid contamination of any water supply with product or empty container.** Very toxic to the soil environment. Harmful to terrestrial vertebrates.

**BEWARE:** Spray drift hazard. Apply this product carefully using ground based methods only. 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:** Avoid contact with eyes and skin. Avoid inhalation of spray mist. When mixing or applying, wear overalls, boots, gloves and eye protection. Remove protective clothing and wash hands and face thoroughly before meals and after work. Do not eat, drink or smoke while using.

**STORAGE:** Keep out of reach of children. Store in the original container, tightly closed, in a cool, dry and well ventilated area away from feed or foodstuffs. 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.

**DISPOSAL:** Dispose of product only by using according to the label directions. Alternatively dispose of safely at an approved landfill. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container. Otherwise crush and bury empty container in a suitable landfill. Do NOT use the container for any other purpose. Avoid contamination of any water supply with chemical or empty container.

**SPILLAGE:** Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water and detergent, and absorb with further inert material. Dispose of safely to an approved landfill.

**FIRST AID**

If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre 0800 POISON (0800 764 766) (24 hrs) or a doctor immediately for advice.

**RECORD KEEPING**

Records of use as described in NZS 8409 Management of Agrichemicals must be kept if more than 3 litres of FODDER BEET SMOOTH is applied within 24 hours.

**RESISTANT WEEDS WARNING**

GROUP	C1+N	HERBICIDE
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Metamitron is a triazinone herbicide while desmedipham and phenmedipham are phenyl-carbamate herbicides. These have the inhibition of photosynthesis at photosystem II mode of action. Ethofumisate is a benzofuran herbicide with the non ACCase inhibition of lipid synthesis mode of action. Despite having two modes of action in FODDER BEET SMOOTH, certain individual biotypes may become resistant. To minimise the risk of these weeds dominating the population, use strictly in accordance with the label directions and use herbicides from alternative mode of action groups at other times. For further information see: [www.resistance.nzpps.org](http://www.resistance.nzpps.org)



**GENERAL INFORMATION**

FODDER BEET SMOOTH is a post-emergence selective herbicide for the control of broadleaf weeds in fodder beet, sugar beet and red beet. FODDER BEET SMOOTH may be broadcast or band-sprayed using ground based methods of application only. For band treatment ensure that the use rate per sprayed area is consistent with label recommendations. Do not apply FODDER BEET SMOOTH if air temperature is likely to rise above 29°C. Avoid treatment if rain is likely before spray has dried on foliage. Do not apply FODDER BEET SMOOTH in more than 300 litres of water per hectare. Do not add any surfactants unless experience has shown them to be crop safe. Adequate soil moisture both before and after application will improve control. Avoid application onto crops stressed due to drought, nutrient deficiency or other factors or following a frost as crop damage may occur. Ensure weeds are actively growing at the time of application otherwise poor weed control may result.

**MIXING**

Shake the container well before use. For large containers, roll and invert several times to ensure uniform re-suspension of the contents. Add the required quantity of FODDER BEET SMOOTH into the partly filled tank, then add the remaining water while agitating. The spray mixture should be kept agitated before and during spraying after a stoppage. Unused spray mixture may settle overnight.

**SUSCEPTABLE WEEDS**

Annual poa, black nightshade, clammy goosefoot, henbit, fathen, field pansy, fumitory, groundsel, redroot, sharp buttercup, shepherd's purse, spurrey, willow weed.

**DIRECTIONS FOR USE**

Use FODDER BEET SMOOTH at a rate of 2-5 litres per hectare. Apply a maximum of 10 litres/ha per season.

**Do Not exceed 3 litres/ha (red beet) and 5 litres/ha (fodder, sugar beet) of FODDER BEET SMOOTH in a single application.**

As weeds appear use as below at the appropriate rate for the crop stage and weed size present. For larger and denser weeds, sequential applications 7-14 days apart may be required. FODDER BEET SMOOTH is best applied when the crop reaches the 2 true leaf stage. Some temporary damage may occur to plants that have yet to reach that stage. A pre emergence application of Ethofumisate will improve control.

**RECOMMENDATIONS**

Crop	Growth Stage	Rate	Remarks
Fodder beet Red beet Sugar beet	For use after emergence of the crop up to the 2 true leaf growth stage	2 litres /ha	Apply to actively growing seedling weeds at the cotyledon to 1 <sup>st</sup> true leaf stage
Red beet	For use after the crop has 2 true leaves fully developed	3 litres /ha	Apply to actively growing weeds that have reached the 2-4 true leaf stage.
Fodder beet Sugar beet	For use after the crop has 2 true leaves fully developed	3-5 litres /ha	Apply to actively growing weed that have reached the 2-4 true leaf stage. Use the higher rate when the majority of weeds are at the 4 true leaf stage or if henbit, nettle, spurrey or prostrate amaranth are dominant species.

**WITHHOLDING PERIOD**

Fodder beet/Sugar beet: Do not graze stock on treated areas or feed stock with treated crops for 56 days after application.

Red beet: Do not harvest for 50 days after application.

**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.**

**COMPATIBILITY**

FODDER BEET SMOOTH is considered to be compatible with Chlorpyrifos 500 EC, Clopyralid 600 SL and Chloridazon 650 WG but compatibility checks should still be carried out before mixing. It is preferable to apply FODDER BEET SMOOTH alone unless experience has shown the mix to be safe. Avoid tank mixing if the crop is stressed or damaged by wind, hail etc.

**Registered to:**

Global Agrichem Limited  
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**CONDITIONS OF SALE**

The use of FODDER BEET SMOOTH being beyond the control of the suppliers, no warranty expressed or implied is given by the manufacturer or supplier regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not, and no responsibility is accepted whatsoever resulting from the use of this product.