

WARNING

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Beetrix 

HERBICIDE

Contains: 50g/litre ethofumesate plus 150 g/litre met amitron plus
50 g/litre phenmedipham in the form of a suspension concentrate

**For broadleaf weed control in fodder beet,
red beet and sugar beet**

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Approved pursuant to the HSNO Act 1996, No HSR100524. See www.epa.govt.nz for approval conditions.

Registered pursuant to the ACVM Act 1997, No. P008612 See www.foodsafety.govt.nz for registration conditions.

Lonza

PLEASE READ THE ENTIRE LABEL BEFORE MIXING OR USE. SHAKE OR STIR WELL BEFORE USE.



HSNO CLASSIFICATION: 6.1D, 6.5B, 6.9B, 9.1B, 9.2B

QUALIFICATION REQUIREMENTS: Persons mixing, loading, applying, or otherwise handling Beatrix must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017.

TOXIC: Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure.

FIRST AID: IF SWALLOWED: Call a POISON CENTER/doctor/physician/first aider/if you feel unwell. Do NOT induce vomiting. Rinse mouth. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Take off contaminated clothing and wash it before reuse.

PERSONAL PROTECTION: Do not breathe mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke while using. Contaminated work clothing should not be allowed out of workplace.

ECOTOXIC: Toxic to aquatic life with long lasting effects. Avoid contamination of any water supply with product or empty container. Toxic to the soil environment.

STORAGE: Store locked up. Store in original container, tightly closed and in a dry, cool area away from foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals.

DISPOSAL: Triple rinse empty container placing rinse water in the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot or crush and bury in an approved landfill. Dispose of product only by using according to this label, or at an approved landfill or disposal facility.

SPILLAGE: Wear appropriate protective clothing. Exclude all bystanders from the vicinity of the spill, 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.

SAFETY DATA SHEET: Additional information is listed in the Safety Data Sheet available from Lonza NZ Limited or www.lonza.co.nz

HSNO ADDITIONAL CONTROLS: This substance must be applied using ground-based methods only.

GENERAL INFORMATION: Beatrix contains three active ingredients for weed knockdown and short term residual activity. It is designed for multiple use sequential spraying in a weed control program. It is absorbed through the roots and the leaves of weeds and translocated to the target sites. Weeds typically stop growing before turning yellow after 5 to 7 days and then rapidly die down.

SUSCEPTIBLE WEEDS: Redroot amaranthus, prostrate amaranthus, black nightshade, cleavers, fathen, hairy nightshade, hedge mustard, scrambling speedwell, stinging nettle, stinking mayweed, shepherds purse, storksbill, vervain, wild portulacca, willow weed. The following weeds will be suppressed at label rates: field pansy, twincrest, little flowered mallow, variegated thistle, wireweed and any plants listed above growing from root chips e.g. prostrate amaranthus.

DIRECTIONS FOR USE:

For weed control in red beet (beetroot), fodder beet, sugar beet.

SITUATION	RATE/HA	CRITICAL COMMENTS
Pre crop emergence	4.0 - 6.0 litres/ha	Apply any time after sowing. Use the low rate only in light soils or when a low weed population is expected. Follow up with a post emergence program.
Post crop emergence to canopy closure	3.0 – 5.0 litres/ha Apply a maximum of 15 litres/ha per season.	Apply to weeds in active growth. Use up to four sequential applications at 7 to 14 day intervals as weeds emerge irrespective of crop growth stage. Use the lower rate on weeds at cotyledon to two true leaf stage. Use the higher rate when weeds are older or the population is dense. When weeds are beyond the 6 leaf stage control will require repeat doses and suppression may only be achieved. 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.

MIXING: Pour the correct amount of Beatrix into the partly filled tank, and while agitating add the remainder of the water. Maintain agitation during spraying and any stoppages. Only mix sufficient spray for immediate use and avoid storing.

ADJUVANTS: Beatrix contains surface active agents and does not normally require the addition of further surfactants or spraying oils.

COMPATIBILITY: Beatrix is compatible with chloridazon and clopyralid. Comply with the tank mix herbicide directions for use. Otherwise apply Beatrix alone unless experience shows the mix to be safe. Beatrix is compatible with likely fungicide and insecticide tank mixes but avoid these mixes before the crop has reached the four true leaf stage.

APPLICATION: Apply Beatrix via conventional boom spraying equipment that is well maintained and calibrated and set up to achieve complete coverage of all weeds. Use an appropriate water rate for the weeds present but use a minimum of 200 litres/ha.

RAINFALL: Delay treatment with Beatrix if rain is likely up to three hours after spray has dried on the foliage.

SPRAYER CLEAN-UP: To avoid injury to subsequently sprayed sensitive crops, flush sprayer with several rinses of clean water after use.

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: Fodder and sugar beet: 98 days. Red beet (Beetroot): 49 days.

RESISTANCE MANAGEMENT: GROUP C1+N HERBICIDE

Metamitron is a triazinone herbicide and phenmedipham is a phenyl-carbamate herbicide both having the inhibition of photosynthesis at photosystem II mode of action. Ethofumesate is a benzofuran herbicide with the non ACCase inhibition of lipid synthesis mode of action. Despite having two modes of action in Beatrix 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.

NOTICE TO BUYER: The manufacturer and vendors of Beatrix warrant the formulation to contain the specified active ingredient within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material is used in accordance with the label directions or not.

BATCH NO:

D.O.M:

REGISTERED TO: Lonza NZ Limited, Hudson Rd, New Plymouth, New Zealand
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