

WARNING

KEEP OUT OF REACH OF CHILDREN

Extracta™
Herbicides

PERFORMA EXTRACTA BETA III

Manufactured for Wholesale Seeds Ltd by:

Danken New Zealand Ltd

P.O. Box 16194 Hornby 8441 Christchurch, New Zealand
sales@danken.co.nz Phone: 0800 326 536

Active Ingredient: Contains 50 g/L phenmedipham, 50 g/L ethofumesate and 150 g/L metamitron in the form of a suspension concentrate.

GROUP 5+15 HERBICIDE

Performa™
Crop Protection

For the control of broadleaf weeds in fodder beet, red beet and sugar beet.



READ LABEL BEFORE USE

Registered pursuant to the ACVM Act 1997, No. P10247
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSNO Act 1996, No. HSR101136
See www.epa.govt.nz for approval controls.



Batch No:

Date of Manufacture:

Net Contents:

20 Litres

READ LABEL COMPLETELY BEFORE OPENING AND USING PRODUCT

GHS CLASSIFICATION:

Specific target organ toxicity - repeated exposure Category 2, Hazardous to the aquatic environment chronic Category 2, Hazardous to the soil environment.



TOXICITY

WARNING: May cause organ damage from repeated oral exposure at high doses.

ECOTOXICITY

WARNING: 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.

Hazardous to the soil environment.

BEWARE: Spray drift hazard. Apply this product carefully using ground-based methods of application only. Spray drift may cause serious damage to other desirable plants. Do not allow drift to occur outside the target area.

PRECAUTIONS

RECORD KEEPING

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

PROTECTIVE EQUIPMENT

Avoid contact with eyes and skin. Do not breathe mist or spray. When mixing or applying, wear overalls, boots, gloves and eye protection. Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

STORAGE

Keep out of reach of children. Store in the original container, tightly closed, in a locked 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 this product by using it in accordance with this label. Dispose of the container via AgRecovery after triple rinsing (use the rinsate for spraying). Do not burn. Do not use the container for any other purpose.

ENVIRONMENTAL

Use this product carefully. Do not contaminate aquatic environments with product, spray drift or packaging. Spray drift or equipment contamination may cause serious damage to desirable plants. Do not allow spray drift outside the target area to occur. Do not use or flush equipment near to desirable plants or their roots. Do not use the same equipment to apply other chemicals to susceptible crops unless thoroughly cleaned and decontaminated.

First Aid

If swallowed, do NOT induce vomiting. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If splashed in eyes, wash out immediately with water. IF inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

Emergency Response

In a transport emergency call 111, Police or Fire Brigade. For specialist advice in an emergency only, call 0800 CHEMCALL (0800 243 622) (24 hrs).

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 waste container. Wash area with water, and absorb with further inert material. Dispose of safely to a suitable landfill.

Safety Data Sheet

Additional information is provided in the safety data sheet which is available from the distributor.

WARRANTY

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's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

GENERAL INFORMATION

- PERFORMA EXTRACTA BETA III contains three active ingredients for weed knockdown and short-term residual activity. It is designed for multiple use sequential spraying in a weed control programme.
- PERFORMA EXTRACTA BETA III is a pre and post crop-emergence selective herbicide for the control of broadleaf weeds in fodder beet, sugar beet and red beet.
- PERFORMA EXTRACTA BETA III 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 -7 days and then rapidly die down
- Do not apply PERFORMA EXTRACTA BETA III if air temperature is likely to rise above 29°C.

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 PERFORMA EXTRACTA BETA III 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.

ADJUVANTS:

PERFORMA EXTRACTA BETA III contains surface active agents and does not normally require the addition of further surfactants or spray oils.

APPLICATION

Apply PERFORMA EXTRACTA BETA III using conventional boom spraying equipment that is well maintained and calibrated and set up to achieve complete coverage of all weeds. It 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. Use a minimum of 200 litres of water per hectare. Do not apply in more than 300 litres of water per hectare. Do not add any surfactants unless experience has shown them to be crop safe.

RAINFALL:

Avoid treatment if rain is likely before spray has dried on foliage.

COMPATIBILITY:

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

SUSCEPTABLE WEEDS:

Red root amaranthus, prostrate amaranthus, black nightshade, cleavers, fathen, hairy nightshade, hedge mustard, scrambling speedwell, stinging nettle, stinking mayweed, shepherd's purse, storksbill, vervain, wild portulaca, 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. prostate amaranthus.

WITHHOLDING PERIODS

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

Fodder beet/Sugar beet: 98 days after application.

Red beet: 49 days after application.

SPRAY EQUIPMENT CLEANOUT

Immediately following application, thoroughly clean all spray equipment to reduce the risk of hardened deposits forming which might become difficult to remove. Drain spray equipment, thoroughly rinse sprayer and flush hoses, boom and nozzles with clean water. Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. DO NOT clean near wells, water sources or desirable vegetation. Dispose of waste rinse water in accordance with local regulations.

RECORD KEEPING

Records of use, as described in NZS 8409 - Management of Agrichemicals must be kept.

RESISTANCE MANAGEMENT

GROUP 5+15 HERBICIDE

Metamitron is a triazinone herbicide while phenmedipham is a phenyl-carbamate herbicides. These have 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 **PERFORMA EXTRACTA BETA III**, 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.

DIRECTIONS FOR USE:

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

	DOSAGE RATE	CRITICAL COMMENTS
Pre crop emergence	4.0-6.0L/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 – 5.0L / ha Apply a maximum of 15 L / ha per season.	Apply to actively growing weeds. Use up to four sequential applications at 7-14 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 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.