

WARNING | TOXIC ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

ExtractaTM
Herbicides

Performa Extracta Clopyralid 300

STICKER

Active Ingredient: Contains 300g/litre clopyralid as the monoethanolamine salt, in the form of a soluble concentrate.

GROUP 4 HERBICIDE

PerformaTM
Crop Protection

A broad spectrum herbicide for control of thistles and certain broadleaf weeds for use on a range of CROPS, PASTURE and in FOREST areas.



READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Registered pursuant to the ACVM Act 1997, No. P10268
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSNO Act 1996, No. HSR1011196
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

Serious eye damage Category 1, Hazardous to the aquatic environment chronic Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates.



DANGER: Causes serious eye damage.

ECOTOXIC: Toxic to aquatic life with long lasting effects, Hazardous to soil organisms, Hazardous to terrestrial vertebrates. Do not apply onto or into water. Collect spillage.

HANDLING PRECAUTIONS

- Clippings from green waste treated with this substance must not be composted.
- This substance must only be made available for commercial applications by professional contractors for pest eradication and is not to be supplied for retail sale to the general public for domestic uses.
- Ecotoxic herbicide. Not for domestic use.
- This substance must not be used on turf.
- Treated vegetation shall not be disposed of at any green waste recycling centre.
- Do not use hay or other plant material harvested within 10 weeks of treatment with this substance for making compost or mulching susceptible crops.
- Do not use plant material that has been treated with this substance within the previous 10 weeks to make mushroom substrate.
- Do not use manure, paunch grass or dairy effluent from animals grazing in areas treated with this substance within the previous 3 weeks for making compost unless the 4 day slaughter interval has been observed (see withholding period statement).
- A maximum application rate of 39 g/ha is set for this substance with a maximum frequency of application of once per calendar year.

PERSONNEL QUALIFICATIONS: A person may supply this substance only to a workplace under the management and control of a PCBU, and only if the person has received written notification that there is someone at the workplace who has a relevant qualification as listed in Schedule 10 of the Hazardous Property Controls Notice. Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.

MANUFACTURED FOR WHOLESALE SEEDS LTD BY:

Arable AG Limited, 5 Arther Smith Drive, Cracroft Christchurch 8022
chris@arableag.co.nz

RECORD KEEPING: Records of use as described in NZS 8409 Management of Agrichemicals must be kept if using 3 kg or more of PERFORMA EXTRACTA CLOPYRALID 300 is applied to an application area within 24 hours.

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.

Stores containing 100 L or more of PERFORMA EXTRACTA CLOPYRALID 300 are subject to signage, secondary containment and an emergency response plan.

PERSONAL PROTECTION: Avoid contact with eyes and skin. Avoid inhalation of spray mist. When mixing or applying, wear overalls, boots, gloves and eye protection. Clean protective equipment 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.

EQUIPMENT: Apply using well maintained and accurately calibrated equipment. Flush equipment thoroughly with clean water after use.

DISPOSAL: Dispose of this product only by using in accordance with this label, or at a suitable landfill. Triple rinse container and add rinsate to the spray tank. Dispose of container to a suitable landfill or agricultural container recycling scheme. Do not burn. Do not use container for any other purpose.

First Aid: If swallowed, Rinse mouth, do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If medical advice is needed, have product container or label at hand.

Emergency Response: In a transport emergency call 111, Police or Fire Brigade. For specialist advice in an emergency only, call 0800 CHEMCALL (0800 243 6225) (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.

DIRECTIONS FOR USE:

Before opening, carefully read warning statement, precaution instructions, first aid instructions and directions for use. Best results are obtained when weeds are not under stress. **Performa Extracta Clopyralid 300** is absorbed by plant through the leaves, stems and roots. It is translocated into the plant where it interferes with cell division and elongation. For interperum results apply during good growing conditions when there is adequate soil moisture and weeds are growing actively. Applications during dry spells, cold conditions or when weeds are under stress will reduce effectiveness.

SPRAYER DECONTAMINATION: 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 Performa Extracta Clopyralid 300 from mixing and spraying equipment as follows:

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

MIXING: Add the required quantity of Performa Extracta Clopyralid 300 to spray tank partly filled with water and maintain agitation through filling and spraying.

COMPATIBILITY: Performa Extracta Clopyralid 300 is compatible with most commonly used herbicides.

REGULATORY STATEMENTS: 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 PERIOD: No withholding period is required when used as directed.

APPLICATION: Refer to booklet for application rates.

RESISTANCE MANAGEMENT:

GROUP 4 HERBICIDE

PERFORMA EXTRACTA CLOPYRALID 300 is a pyridine carboxylic-acid herbicide (Group 4). Some naturally occurring individual weeds may become resistant when excessive use of the same herbicide occurs. To maximise the effectiveness of herbicides, product containing alternate modes of action should be used in the spray program. Consult <http://resistance.nzpps.org/> for alternate modes of action and the details of resistance management strategies (if any) for the crops listed on the label.

APPLICATION:

Aerial: Apply 200-400L of water/ha. Use the half overlap opposite pass technique.

Boom: Apply up to 300L of water/ ha using conventional boom equipment.

Handgun: Use a No.6 tip at 1000-2000kPa and ensure complete coverage for high volume coverage. Mistblower: Use 40mL/L of water to control woody weeds. With a ULV attachment use 200mL/L of water using a number 3 or 4 hole. Thorough coverage is essential.

Knapsack: Apply using at least 400L of spray mix per ha. For spot treatment ensure thorough coverage.

Weed wipers: Ensure the wiper remains saturated while in use. Two passes in opposite directions are recommended.

SPRAY DRIFT: BEWARE: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Do not allow drift to occur outside the target area. Not to be applied directly onto or into water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

ANIMAL SAFETY: Poisonous plants may become 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.

SOIL RESIDUES: Do not plant peas, beans, clover, carrots, cucurbits, potatoes or tomatoes within 12 weeks of applying up to 0.5L/ha. In areas that more than 0.5L/ha has been applied do not plant susceptible crops within 6 months. Within this time check soil residues by planting out a small area first. Brassicas, cereal and ryegrass may be drilled any time after application.

CROP RESIDUES: Do not compost or mulch clippings from treated areas for 6 months after treatment. Do not use straw from Performa Extracta Clopyralid 300 treated cereal crops for compost or mulch.

CLOVERS: Performa Extracta Clopyralid 300 is damaging to clovers. A rate of 100mL/ha will severely suppress clovers for 2-6 months. Above this rate and clover may be removed from the pasture.

RAINFALL: Do not spray if rain is expected within 3 hours of application.

APPLICATION RATES:

CROP AND PASTURE (GRASS)

SITUATION	RATE	COMMENTS	
Asparagus (established beds only) To control Californian thistle, yarrow, clover and thistles	Pre-cutting 0.5-1L/ha During cutting 0.5L/ha Post-cutting 0.5-1L/ha	Spray to within 3 days of cutting. Do not cut within 3 days of application. Apply over spears. Use directed application if spears are opening on ferns are present. Some damage may occur if sprayed over open spears or mature fronds.	
Fodder, Sugar Beet To control Californian thistle and yarrow	0.5-1L/ha	Spray after the 2 true leaf stage of the crop and before bulbous root formation.	
Field Brassicas To control Californian thistle, other thistles and yarrow	0.5-1L/ha	Apply after the 2 true leaf stage of the crop and before the crop closes over.	
Cereals Californian thistle and yarrow	0.3-1L/ha	Apply after the 2nd leaf but before the 2nd node crop stage. Performa Extracta Clopyralid 300can be tank mixed with MCPA to increase the spectrum of weeds controlled. When tank mixing with other herbicides use the timing recommended for that herbicide.	
Volunteer potatoes	1L/ha	Apply after full potato emergence but before tuber formation.	
Maize, Sweetcorn Californian thistle, yarrow, Bathurst bur	0.5-1L/ha	Spray after the 3 expanded leaf stage of the maize but before the crop closes over.	
Volunteer potatoes	1L/ha	Apply after full potato emergence but before tuber formation.	
Pasture (Grass) Hard to control thistles	100-200ml/ha	To enhance the efficacy of 2,4-D or MCPA against thistles that are known to be difficult to control, Performa Extracta Clopyralid 300 may be added to the normal rate of the mix partner.	Caution: When applying to pasture Clopyralid used over the following plants will cause severe damage or plant death; Red Clover, Plantain and Chicory.
Pasture (Grass) Californian thistle	250ml/ha	For use through a weedwiper. A double pass in opposite directions will give best results.	
Shelter and ornamental trees	1-2L/ha	Apply as directed spray. Use rates for amenity areas. Shelter trees such as conifers, willows, poplars, Casuarina, Cryptomeria and Eucalyptus are tolerant. If tolerance is not known, test on a small number of trees. Do not apply to legumes or Compositae.	
Forestry (Radiata pine) For the control of gorse, broom and wattle	10L/ha plus triclopryl 1L/ha	Apply as tree release. Add penetrant at label rates to improve weed control. Spray over gorse and broom after flowering and during soft spring growth. Treat gorse up to 1 meter high for best results. For best control of wattle apply to actively growing plants less than 2 meters tall. Green wattle is not controlled. Silver and brush wattle are controlled. Temporary light tree damage in the form of distortion may occur particularly where trees are well above competing weeds.	
	Handgun 0.5L/100L water	Obtain full coverage. Add penetrant to improve weed control. For handgun application use a No. 6-8 tip at 1000-2500kPa.	
	Mistblower 40mL/L or 200mL/L (ULV)	For ULV spraying use No. 3 or 4 hole.	
	Orchards (Pipfruit, stone fruit and citrus) To control weeds listed in orchard section	See orchard section For use in mature orchards to control susceptible weeds. Use as directed. Minimize contact with trees by direct spraying weeds.	

ORCHARDS

WEEDS	RATE			COMMENTS
	Broadcast L/ha	High Volume ml/100L	Knapsack ml/10L	
Clover	0.7	70	17	Apply to actively growing plants.
Californian thistle	1	100	25	Apply from rosette to early flower. Re-treatment may be needed.
Bathurst Bur, daisy, dandelion, hawksbeard, hawkbit, medics, Onhunga weed, oxeye daisy, narrow-leaved plantain, thistles (annual and biennial)	1	100	25	Apply to actively growing plants.
Yarrow	1	100	25	Apply to actively growing foliage. Matted mature plants may need more than one application.
Catsear, fireweed	1.5	150	35	Apply to actively growing plants.
Ragwort, sow thistle, lotus	2	200	50	Apply to actively growing rosettes.
Cape daisy	1-2	200	50	Apply to actively growing rosettes. Use the low rate on seedlings.
Hemlock	NOT Recommended	100	25	Apply to actively growing plants.
Lupin	NOT Recommended	200	50	Apply to actively growing plants.
Old man's beard	12-25	500	125	
Broom, gorse	NOT Recommended	500	125	Apply to actively growing plants Oct-Jan.

CONSERVATION TILLAGE

In conservation tillage (minimum tillage or direct drilling), Performa Extracta Clopyralid 300 controls a range of hard to control weeds such as clovers, Californian and other thistles, plantains and yarrow. For broad spectrum weed control, Performa Extracta Clopyralid 300 may be tank mixed with other herbicides such as glyphosate. Observe the directions and recommendations stated on the partner products label.

WEEDS	RATE	COMMENTS
Clovers, narrow-leaved plantains, thistles	0.5-0.7L/ha	For best results apply to actively growing weeds.
Californian thistles	1L/ha	Apply from rosette to early flower. Re-treatment may be required.
Yarrow	1L/ha	Apply to actively growing yarrow autumn through to spring. For best results allow a minimum of 1 week between spraying and cultivation.