

ECOTOXIC

KEEP OUT OF REACH OF CHILDREN

POLKA[®]

HERBICIDE

Contains: 500g/litre propyzamide in the form of a suspension concentrate

**Selective herbicide for use in lucerne, lettuce,
clover seed crops, cotula lawns and bowling greens**



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

HAZARD CLASSIFICATION: 6.4A, 6.5B, 6.7B,6.9B, 9.1A, 9.2A

APPROVED HANDLER: This product must be under the control of an approved handler during use. See MSDS for full details.

RECORDS: Records of use must be kept under certain circumstances. See MSDS for full details.

WARNING: May cause eye irritation or allergic reaction, avoid contact with skin and eyes. Suspected of causing cancer and organ damage from repeated oral exposure at high doses.

FIRST AID: If swallowed do **NOT** induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Do not scrub the skin. If splashed in eyes, wash out immediately with water for at least 15 minutes. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

PERSONAL PROTECTION: When mixing or applying wear eye protection, chemical resistant gloves, boots and cotton overalls. Ensure adequate ventilation when handling concentrate. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work.

ECOTOXIC: Warning - very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container. Very toxic to the soil environment. Selective herbicide very toxic to some plant species.

STORAGE: 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 and add rinsate to the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot. Alternatively crush and bury in an approved landfill.

Dispose of product only by using according to this label, or at an approved disposal facility.

MATERIAL SAFETY DATA SHEET: Additional information is listed in the MSDS available from Zelam Ltd or www.zelam.com.

Approved pursuant to the **HSNO Act 1996**, No HSR000561. See www.epa.govt.nz for approval conditions.

Registered pursuant to the **ACVM Act 1997**, No. P005996 See www.foodsafety.govt.nz for registration conditions.

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

SITUATION	WEEDS	RATE	CRITICAL COMMENTS
PASTURE, FENCE-LINES, HEADLANDS, STOCKCAMPS, WASTE AREAS	Barley Grass control	1- 1.5 litres/ha	Apply during June-August. Use the low rate on areas that are closely grazed. POLKA will also control barley grass germinating in the 6-8 week period following treatment.
COTULA LAWNS AND BOWLING GREENS	Annual poa and other grasses	1 ml in 1 litre per 10m ²	Apply during May - August. For a standard size bowling green (36m x 36m) use 140 ml in 100 litres of water.
LETTUCE	Annual grasses and some broadleaf weeds	3.0 litres/ha	Use pre or post-emergence between May and August. Apply just before or after sowing and prior to weed emergence. Applications may be made before or after transplanting but before weed germination - apply no later than the cotyledon stage of weeds. Do not use more than once in each lettuce crop.
LUCERNE: Established	Annual grasses including barley grass, soft brome, vulpia hair grass and annual poa	1 litre/ha	Apply during May - August.
	Sorrel and perennial grasses, Kentucky bluegrass and browntop	2.5 litres/ha	Apply during May - July.
LUCERNE: Seedling	Germinating Grasses, broadleaf weeds including ryegrass, annual poa, soft brome, spurrey, chickweed and sorrel	1.5-2.0 litres/ha	Apply within 3 days of drilling.
	Suppression of couch, browntop and sorrel from overwintering roots	2.5-3.0 litres/ha	
WHITE CLOVER SEED CROPS	Grasses including yorkshire fog, soft brome, annual poa, rough stalked meadow grass, barren brome, vulpia hair grass, sweet vernal and suppression of sorrel	1.5-2.5 litres/ha	Apply during June-August. Surface rubbish such as cereal stubble can reduce penetration into the soil. In such cases apply while rain is falling. The removal of existing grasses will stimulate white clover growth and increase seed production.

RESISTANT SPECIES: Indian doab, kikuyu, paspalum, and most compositae (thistles and yarrow).

RAINFALL: Polka is entirely root absorbed and rain falling at or after application is necessary to move the chemical into the root zone of the weed.

SOIL RESIDUES: Residues resulting from the use of Polka may effect following susceptible crops. Do not plant crops other than those recommended for treatment, within 2 - 3 months of application. To minimize soil residue effects, the treated areas should be ploughed and thoroughly cultivated before sowing following crops. Generally residues will have diminished to levels safe to following crops of grasses or cereals within 8 - 9 months.

COMPATIBILITY: May be tank mixed with other commonly used herbicides, insecticides and fungicides.

APPLICATION: Apply in 200 - 300 litres of water/ha. Avoid overlapping and spraying out corners as this will accentuate residual life in the soil.

SPRAYER CLEAN-UP: To avoid injury to subsequently sprayed sensitive plants, thoroughly wash spray equipment with several rinses of water.

TIMING: Activity is greatest under cool conditions but effects are slow, taking up to 3 - 6 weeks. Apply in cool conditions under 13°C in the period May - August. Pasture or lucerne should be short and close grazed at the time of treatment. For best results, apply to trash free soil.

SOIL TYPE: Polka is most active in coarse to medium textured soils of low organic matter and is relatively inactive in peat or mineral soils high in organic matter.

RESISTANCE MANAGEMENT: **GROUP K1 HERBICIDE** Polka contains a benzamide herbicide with the inhibition of microtubule assembly mode of action. Naturally occurring biotypes resistant to this herbicide could develop. These resistant biotypes may dominate when Polka or other related group K1 herbicides are used exclusively. To minimise this risk use strictly in accordance with label instructions and any resistance management strategies that exist for any weeds on this label. For further information see www.resistance.nzpps.org

NOTICE TO BUYER: The manufacturer and vendors of Polka 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.

REGISTERED TO: Zelam Limited, Hudson Road,
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BATCH NO:

D.O.M:

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AGRECOVERY

agrecovery.co.nz