

TOXIC, ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

zelam

IGNITE

**For the selective control of grass weeds in white clover,
forestry, orchards, nurseries, non-crop areas and certain
broadleaf crops**

H E R B I C I D E

NET CONTENTS: 5 LITRES

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Registered Pursuant to the ACVM Act 1997, No. P7538 See www.nzfsa.govt.nz/acvm/ for registration conditions

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

ACTIVE INGREDIENT: Contains 100 g/litre haloxylo-P-methyl [R-isomer] as the methyl ester in the form of an emulsifiable concentrate.

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

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

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

WARNING: May cause skin and eye irritation, avoid contact.

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 spilt on the skin, remove contaminated clothing and wash affected areas of skin. DO NOT SCRUB THE SKIN. If concentrate is splashed in the eyes, flush with running water for at least 15 minutes. Seek medical attention.

PERSONAL PROTECTION: Avoid contact with skin or inhalation of spray mist. Gloves should be worn at all times. Wear eye protection when handling the concentrate. Ensure adequate ventilation when handling the concentrate. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work. Do not eat, drink or smoke while using this product.

ECOTOXICITY: Toxic to aquatic organisms with long-lasting effects. Avoid contamination of any water supply with product or empty container.

STORAGE: Store in original container, tightly closed, away from foodstuffs. Keep out of reach of children.

SHELF LIFE: When stored appropriately, this product should show no significant degradation for 4 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

DISPOSAL: Triple rinse containers and add the residue to the spray tank. Containers of 20 litres or less burn in an appropriate incinerator, if circumstances such as wind direction permit. Otherwise crush or puncture and bury in a suitable landfill. Avoid contamination of any waterway with product or empty container.

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

ERMA NEW ZEALAND: Additional information is available from the ERMA NZ website - www.ermanz.govt.nz. Approval Code: **HSR002431**.

NOTICE TO BUYER: The manufacturers and vendors of **Ignite** warrant the formulation to contain the specified active ingredient within accepted tolerance when packed but make no warranty of any kind on the use of this material and accept no responsibility for results, whether the material has been used in accordance with directions or not.

GRASS/WEED	Broadcast L/ha	Knapsack mL/10L	Spotgun mL/L	Handgun mL/100L	COMMENTS
Pampas Grass	7.5	150	60	500	For best results treat plants less than 1 metre high
African feather grass					Repeat application may be required
Sod bound couch, Mercer grass, browntop, ratstail, Indian doab, kikuyu, paspalum	3.75-5.0	60	40	375	Use high rate for grass weeds at advanced growth stage or grass weeds under stress or slow growth conditions. Use high rate on sod bound couch. Use 2.5L/ha for suppression of these grass weeds in lucerne.
Cultivated couch	1.25-2.5				Use low rate on young or actively regenerating couch after extensive cultivation to break roots into small pieces. Use high rate on tillering couch. Use low rate for suppression in crops and high rate for longer term control.
Perennial ryegrass	1.25-2.5	25	12.5	250	Broadcast application: Use low rate. For perennial ryegrass at an advanced growth stage or growing under stress or slow growth conditions, use high rate.
Cocksfoot, prairie grass, Yorkshire fog, sweet vernal, soft brome (goosegrass)	1.25-2.5	25	12.5	250	Use high rate for grass weeds at an advanced growth stage or grass weeds growing under stress or slow growth conditions.
Annual poa	1.5	30	15	300	A repeat application may be required if weeds are at an advanced stage or weeds are under stress or slow growth.
Annual grass weeds including annual ryegrass, summer grass, barnyard grass, bristle grass and volunteer cereals	0.6	12.5	6		
Wild oats	0.5	12.5	6		

CROPS	SITUATIONS
Forestry tree release	Ignite may be applied over forestry species including Radiata pine and Eucalyptus species. To control broadleaf weeds in Radiata pine, atrazine, simazine, Terb 500 and Tango herbicides may be added. To control broadleaf weeds in Eucalyptus species, Tango herbicide may be added. Some tree scorch may occur if trees are flushing.
Tree nurseries	Ignite may be applied over seedling Radiata pine, Eucalyptus, Acacia, Casuarina and other seedling plantation and ornamental tree species. Where there is no previous experience, apply Ignite over a few plants before treating larger areas. Contact Zelam Ltd for further information.
Lucerne, clover	For best results apply when weeds are small and actively growing.
Pipfruit, citrus	Apply as a directed spray around the base of trees, to avoid direct contact with the fruit.
Peas, Lentils	Apply Ignite at no more than 1.5L/ha. Do not mix Ignite with Bruno or other herbicides unless previous experience has shown the mixture to be safe.
Asparagus	Apply after the final cut.
Onions	Apply Ignite at no more than 1.5 litres/ha. For best results apply when weeds are small and actively growing.

APPLICATION METHODS

Ignite can be applied using conventional ground or aircraft spraying equipment. Flush equipment thoroughly with clean water after use. **Decontaminate before using on plants that are sensitive to Ignite.** Crops susceptible to Ignite include, but are not limited to cereals, maize and grasses.

SPRAYER CLEANUP: To avoid subsequent injury to crops, immediately after spraying thoroughly remove all traces of Ignite from mixing and spray equipment. Rinse thoroughly with an alkali detergent (e.g. Liquid Surf, Drive). Flush equipment twice and finally rinse with clean water.

DIRECTIONS FOR SPRAYING:

Aerial spraying: Use water volumes of 100-300 L/ha water applied as a coarse quality spray as defined by the British Crop Protection Council (BCPC) system or the American Society of Agricultural Engineers (ASAE).

Boom spraying: Use a minimum 200 L/ha water applied as a medium quality spray as defined by the British Crop Protection Council (BCPC) system or the American Society of Agricultural Engineers (ASAE).

Spot gun: Use an extension lance fitted with a solid cone nozzle.

High volume (including handgun): Apply as a wetting spray to full coverage using either a hand lance fitted with a solid cone or a handgun fitted with a No. 4 tip at 500 - 2000 kPa to deliver 1000-1500 L/ha.

Knapsack: Apply as a wetting spray to full coverage using at least 500 L/ha water volume.

IMPORTANT: In order to select the appropriate nozzles for the required spray quality and to operate the equipment to minimize spray drift, this product must be applied in accordance with the New Zealand Standard for the Management of Agrochemicals (NZS 8409).

MIXING: Partly fill the spray tank, add the required amount of Ignite, agitate thoroughly and add remainder of water. When compatible herbicides are to be tank mixed, they should be added before Ignite.

SOIL RESIDUES: Do not plant cereal, maize or grass crops within 12 weeks of treatment.

WITHHOLDING PERIODS: PEAS, LENTILS: Do not apply later than flowering. ASPARAGUS: Do not apply during the cutting season.

ONIONS: Do not apply within 5 weeks of harvest.

COMPATIBILITY: Ignite herbicide may be tank mixed with Tango and oryzalin and with triazine herbicides such as Terb 500, simazine and atrazine. However do not mix with Bruno when spraying peas.

RAINFASTNESS: Ignite herbicide is rainfast one hour after application.

BROADLEAF WEEDS: Ignite Herbicide will not control broadleaf weeds and sedges.

REGISTERED TO: Tapuae Partnership, Hudson Rd, New Plymouth, NZ Tel: 06-755-9234 Fax: 06-755-1174

EMERGENCY PHONE: 0800 CHEMCALL - 0800 243 6225