

WARNING

KEEP OUT OF REACH OF CHILDREN

**READ SAFETY DIRECTIONS BEFORE
OPENING OR USING**



IGNITE[®]

HERBICIDE

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

**For selective control of grass weeds and storksbill
in forage brassicas (foliage types), white clover,
forestry, orchards, nurseries, non-crop areas and
certain broadleaf crops**

Approved pursuant to the HSNO Act 1996, No: HSR002431. See www.epa.govt.nz for approval conditions.
Registered pursuant to the ACVM Act 1997, No: P007538. See www.foodsafety.govt.nz for registration conditions.

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



HSNO classifications: 6.1E, 6.4A, 6.9B, 9.1B

TOXIC: May be harmful if swallowed. May be harmful in contact with skin. May be harmful if inhaled. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure.

FIRST AID: Call a POISON CENTER or doctor/physician if you feel unwell. **IF INHALED:** Call a POISON CENTER or doctor/physician if you feel unwell. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If exposed or concerned: contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

PERSONAL PROTECTION: Do not breathe mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection.

ECOTOXIC: 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 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 a suitable landfill. Dispose of product only by using according to this label, or at an approved 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

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

RECORD KEEPING: Records of use must be kept in accordance with the current Health and Safety at Work (Hazardous Substances) Regulations.

HSNO additional controls: For specific requirements for application of the substance onto or into water, please see www.epa.govt.nz.

DIRECTIONS FOR USE: For best results apply to young actively growing weeds. Reduced levels of control may result if applied to plants suffering from cold or moisture stress. On crops that have been grazed remove stock and allow grasses to freshen up (5-10 cm new growth) before spraying. **A person must not apply or otherwise use this substance onto or into water, unless that person first obtains a permission from the Environmental Protection Authority under section 95A of the Hazardous Substances and New Organisms Act 1996.**

USE RATES FOR WEED CONTROL

| GRASSWEED | Broad-cast litres/ha | Knapsack ml/10 litres | Spotgun ml/ litre | Handgun mL/ 100 litres | CRITICAL COMMENTS |
|---|----------------------|-----------------------|-------------------|------------------------|--|
| Storksbill, musky storksbill | 0.5 | | | | |
| Wild Oats | 0.5 | 12.5 | 6.0 | | |
| Annual grass weeds including annual ryegrass, summer grass, banyard grass, bristle grass and volunteer cereals. | 0.6 | 12.5 | 6.0 | | For best results apply when weeds are small and actively growing. A repeat application may be required if weeds are at an advanced stage or weeds are under stress or slow growth conditions. |
| Annual poa | 1.5 | 30 | 15 | 300 | |
| Cocksfoot, prairie grass, Yorkshire fog, sweet vernal, soft brome (goosegrass) | 1.25 - 2.5 | 25 | 12.5 | 250 | Use the high rate for grass weeds at an advanced growth stage or grass weeds growing under stress or slow growth conditions. |
| Cultivated couch | 1.25 - 2.5 | | | | Use the low rate on young or actively regenerating couch after extensive cultivation to break roots into small pieces. Use the high rate on tillering couch. Use a low rate for suppression and the high rate for longer term control. |
| Perennial ryegrass | 1.25 - 2.5 | 25 | 12.5 | 250 | For perennial ryegrass at an advanced growth stage or growing under stress or slow growth conditions, use the high rate. |
| 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 weeds in lucerne. |
| Pampas grass | 7.5 | 150 | 60 | 500 | For best results treat plants less than 1m high |
| African feather grass | | | | | Repeat application may be required |

BROADLEAF WEEDS AND RESISTANT GRASSES: Ignite herbicide will not control broadleaf weeds and sedges except storksbill. Ignite will not control hairgrass and chewings fescue at rates listed for other weeds.

APPLICATION: Ignite can be applied using conventional ground or aircraft spraying equipment. To minimise any possible crop damage avoid spray overlaps.

Aerial spraying: Use water volumes of 100 - 300 litres/ha water applied as a coarse quality spray.

Boom spraying: Use a minimum 200 litres/ha water applied as a medium quality spray.

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 litres/ha water volume.

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.

ADJUVANTS: As Ignite contains a surfactant system further adjuvants are not required and could harm sensitive crops.

CROPS AND SITUATIONS

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|---|---|
| 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 clopyralid herbicides may be added. To control broadleaf weeds in eucalyptus species, clopyralid 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 Lonza NZ Limited for further information. |
| Lucerne, clover | For best results apply when weeds are small and actively growing. Apply at any time after sowing. |
| Pipfruit, citrus | Apply as a directed spray around the base of trees to avoid contact with the fruit. |
| Peas, lentils | Apply Ignite at no more than 1.5 litres/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. |
| Forage Brassicas: Foliage varieties only - kale, rape and leafy turnip (excluding early mature varieties such as pasja and barkant) | Apply Ignite at no more than 1.5 litres/ha before the crop 10 leaf growth stage. For best results apply when weeds are small and actively growing. See grazing withholding period for important information regarding grazing. |

COMPATIBILITY: Ignite herbicide may be tank mixed with Pycus®, clopyralid and oryzalin and with triazine herbicides such as Terb 500®, simazine and atrazine. Do not mix with Bruno® (cyanazine) when spraying peas. Do not apply Ignite with other herbicides unless experience shows efficacy and crop safety is not affected. Do not apply within seven days of a phenoxy herbicide application.

RAINFASTNESS: Ignite herbicide is rainfast one hour after application.

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

RESISTANCE MANAGEMENT: [GROUP 1 HERBICIDE] Ignite contains a herbicide from the an aryloxyphenoxy propionate ('FOP') group with the inhibition of acetyl CoA carboxylase mode of action. Some naturally-occurring weed biotypes resistant to Ignite and other Group A Herbicides may exist and can eventually dominate the weed population if these herbicides are used repeatedly. To prevent or delay the development of resistance use Ignite in rotation with herbicides having a different mode of action and always use Ignite strictly in accordance with the label directions. See www.nzpps.org for more information.

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:

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.

GRAZING WITHHOLDING PERIODS:

FORAGE BRASSICAS – Foliage varieties only: kale, rape, and leafy turnips.

Non-dairy animals and dry dairy stock intended for milking: Do not graze until 56 days after treatment AND 14 days on clean feed must be applied prior to slaughter. Clean feed is a paddock where there is no grazing restriction in force at the time of grazing.

Lactating animals: DO NOT cut for feed, or graze animals currently being milked on areas treated with Ignite.

SPRAYER CLEANUP: To avoid subsequent injury to crops such as but not limited to cereals, maize and grasses, 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.

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.

REGISTERED TO: Lonza NZ Limited, Hudson Road, New Plymouth, NZ Tel: 06 755-9234 Fax: 06 755-1174

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