



WARNING
KEEP OUT OF REACH OF CHILDREN
READ LABEL BEFORE USE



HEXOGON PLUS[®]

HERBICIDE

A selective herbicide for the control of weeds in Radiata pine forests, established lucerne and non-cropland areas.

ACTIVE INGREDIENT: Contains 900 g/kg hexazinone in the form of a water dispersible granule.

NET CONTENTS: 2.5kg

HEXOGON PLUS®

HAZARD CLASSIFICATION:

Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1



TOXICITY: Harmful if swallowed or inhaled. Serious eye irritant. May cause organ damage from repeated oral exposure.

ECOTOXICITY: Very toxic to fish and with long lasting effects. Very toxic to the soil environment. Harmful to terrestrial vertebrates. **SELECTIVE HERBICIDE – VERY TOXIC TO SOME PLANT SPECIES.** 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. Do not apply directly into or onto water.

QUALIFIED HANDLER: This product must be under the control of a suitably qualified handler when mixing, loading or applying.

RECORD KEEPING: Records of use as described in NZS 8409 Management of Agrichemicals must be kept if more than 3 kg of HEXOGON PLUS is applied within 24 hours and likely to leave the application area.

PERSONAL PROTECTION: When mixing or applying wear overalls, impervious gloves and eye/ face protection. Avoid contact with or inhalation of spray mist. Remove protective clothing and wash hands and face thoroughly before meals and after work. Do not eat, drink or smoke while using. Wash clothing and personal protection equipment before re-use.

STORAGE: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from foodstuffs. Stores containing more than 100 kg are subject to requirements for signage, secondary containment and emergency response plans. Storage must be in accordance with the current version of NZS 8409 Management of Agrichemicals.

When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact the proprietor for further information about the use of this product if it is older than this.

SPILLS: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain spilled product and store in properly labelled, sealed drums for safe disposal. If spray mixture is spilled absorb and collect in drums as above. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

DISPOSAL: Avoid contamination of any water supply with product or empty container.

PRODUCT DISPOSAL: If possible dispose of by using according to the label, otherwise dispose of in an approved landfill.

CONTAINER DISPOSAL: Crush and bury empty container in a suitable landfill. Do NOT use the container for any other purpose.

SAFETY DATA SHEET: A safety data sheet is available from Grosafe Chemicals Ltd.

FIRST AID: For advice if person feels unwell or experiences symptoms, call a doctor or the National Poisons Centre (0800 764 766). Have product container or label at hand.

If swallowed, rinse mouth, give a glass or two of water but do NOT induce vomiting. In case of inhalation of spray remove to fresh air and keep at rest in position comfortable for breathing. If in eyes, wash out immediately with running water for several minutes. Remove contact lenses, and continue rinsing. If irritation persists, get medical attention. If on skin, remove contaminated clothing immediately. Wash skin immediately with plenty of soap and water.

EMERGENCY RESPONSE 0800 CHEMCALL: (0800 243 622)

GENERAL INFORMATION:

HEXOGON PLUS is a selective herbicide for the control of weeds in radiata pine, established lucerne and for non-selective weed control of annual and perennial weeds and brush in non-cropland areas. HEXOGON PLUS is absorbed mainly by the roots but some foliar absorption does occur. HEXOGON PLUS inhibits photosynthesis and is most effective when applied to actively growing weeds in warm weather conditions.

DIRECTIONS FOR USE:

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.

APPLICATION: HEXOGON PLUS can be applied using all conventional spray equipment. Do not use strainers finer than 300 microns. Apply the product carefully to avoid spray drift onto adjacent sensitive crops.

MIXING AND COMPATIBILITY: HEXOGON PLUS mixes readily with water. While agitating, slowly add the required quantity of HEXOGON PLUS to a half-filled spray tank and continue filling. Maintain agitation during filling and spraying and agitate thoroughly after a stoppage before recommencing spraying. HEXOGON PLUS is compatible with other commonly used forestry herbicides. When using with liquid herbicides, add the HEXOGON PLUS first and ensure it is thoroughly mixed before adding the other herbicides.

RAINFALL: Delay spraying if rain is likely to fall within one hour following treatment. Note that rainfall subsequent to application is necessary to move the chemical into the root zone of the weeds.

RATES OF APPLICATION:

Radiata pine forests: Do not apply if stressed from drought, disease or recent transplant. Do not use on light soils, soils low in organic matter or water-logged soils. Do not add a surfactant if applied over the top of trees.

Site preparation: Prior to planting and before weeds have become established apply 2.1-8.3 kg of HEXOGON PLUS per hectare. Use the higher rates on heavy soils, in high rainfall areas, or for hard to kill weeds such as bracken, blackberry, seedling gorse, seedling broom, paspalum, kikuyu and Himalayan honeysuckle, or when weeds are actively growing.

Release spraying: Apply only during the months of September and October otherwise tree damage may occur. For the control of broadleaf weeds and grasses, apply HEXOGON PLUS at 2.1-4.2 kg per hectare over the trees. For the control of bracken, blackberry, seedling gorse, seedling broom, paspalum, kikuyu and Himalayan honeysuckle apply 5.8-8.3kg of HEXOGON PLUS in 220-450 litres of water per hectare.

Aerial Application: Foaming nozzle system – Apply in a minimum of 230 litres of water per hectare applied as two overlapping passes of 115 litres per hectare.

Spot release application: use 25g HEXOGON PLUS to 1 litre of water and apply 10-15 ml per square metre for broadleaf weeds and grasses and 20-30 ml per square metre for bracken, blackberry, seedling gorse, seedling broom, paspalum, Himalayan honeysuckle and in high rainfall areas.

When tank mixed with GROGARD 900 WDG: For release spraying, apply 1.7-2.5 kg of HEXOGON PLUS plus 6.7- 8.3 kg of GROGARD 900 WDG per hectare. Use the higher rates on dense vegetation, hard to kill weeds such as Californian thistle, paspalum, seedling gorse and seedling broom, or where residual activity is needed to control summer germinating grasses. For spot applications, use 10g of HEXOGON PLUS plus 45 g of GROGARD 900 WDG in 1 litre of water and apply 15-25 ml of the mixture per square metre.

Lucerne (established): Use only on stands that have been established for at least 12 months. Apply when weeds are actively growing from October to January. The product may be applied after cutting or grazing. Some yellowing and growth reduction may occur. Do not apply if the crop is stressed (drought etc).

- Apply 1.0 kg of HEXOGON PLUS in 300 litres of water per hectare for the control of annual poa, white clover, subterranean clover, shepherds purse, sweet vernal, nodding thistle (after the flowering stalk has commenced to bolt) and mouse eared chickweed.
- Apply 1.5 kg of HEXOGON PLUS in 300 litres of water per hectare for the control of browntop, storks bill, ragwort (after the seed head has bolted), woolly mullein and nodding thistle (at rosette stage).

Caution: Some yellowing of lucerne foliage and growth stunting may occur. To minimise these effects, do not apply on lucerne suffering from drought stress. Do not apply to rank lucerne growth. Lucerne up to 10cm is acceptable but the less lucerne leaf exposed the better. Brassica crops should not be sown within 12 months of an application of HEXOGON PLUS.

Non-cropland areas: Apply 4.2-8.3 kg of HEXOGON PLUS in 220-450 litres of water per hectare. For knapsack spraying, use 40-80 g in 10 litres of water per 100 square metres. For handgun application, use 500 g in 100 litres of water. Use higher rates on heavy soils, in heavy rainfall areas, or on hard to kill weeds such as paspalum, yarrow, Californian thistle, kikuyu and scrub weeds.

Registered pursuant to the ACVM Act 1997, No P09574.
See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to HSNO Act 1996, Approval Code: HSR000959.
See www.epa.govt.nz for approval conditions

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.

Registered and distributed by:

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BATCH No:

DATE OF MANUFACTURE:

GSHP021/B05

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