HARMFUL

Keep out of reach of children

ECOTOXIC

AGPRO MESOTRIONE 480SC

Contains 480g/L mesotrione in the form of a suspension concentrate

A selective herbicide for the control of broadleaf weeds in Grain and Silage Maize

READ THE DIRECTIONS FOR USE INFORMATION BEFORE USING THIS PRODUCT

Registered pursuant to the ACVM Act 1997 No: P008765
See www.nzfa.govt/acvm for registration conditions.
Approved pursuant to HSNO Act 1996 No HSR100665
See www.epa.govt.nz for approval conditions

Date of manufacture:
Batch no:
Net contents: 5L, 20L

Registered to and distributed by:
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HAZARD CLASSIFICATION
6.3B, 6.4A, 6.9B, 9.1A, 9.2A

WARNING
ECOTOXIC: Very toxic to aquatic organisms and to some plant species. Avoid contamination of any water supply with product or empty container.

HANDLING PRECAUTIONS
APPROVED HANDLER: This product must be under the control of an approved handler during use. This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.
STORAGE: Keep out of reach of children. Store in the original, tightly closed container, in a secure place away from feed, seeds or foodstuffs. Storage of certain quantities of this product trigger specific storage requirements (Refer to HazNote). When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.
PERSONAL PROTECTION: Avoid contact with eyes and skin. Avoid inhalation of spray mist. When mixing or applying, wear overalls, boots, gloves and eye protection. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.
EQUIPMENT: Apply with well-maintained and calibrated spray equipment.
DISPOSAL: Dispose of this product only by using in accordance with this label, or at an approved landfill, or other approved facility. Triple rinse container and add rinsate to the spray tank. Dispose of container to an approved landfill or agricultural recycling scheme. Do not burn. Do not use container for any other purpose.
ENVIRONMENTAL: Use this product carefully. Do not contaminate aquatic environments with product, spray drift or equipment contamination may cause serious damage to desirable plants. Do not allow spray drift outside the target area to occur. Thoroughly wash equipment after use with clean water and detergent.

FIRST AID
If swallowed, do not induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately for advice.

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 a waste container. Wash area with water and detergent and absorb with further inert material. Dispose of safely to an approved landfill.

SAFETY DATA SHEET
A Safety Data Sheet for this product is available from AGPRO NZ Limited at www.agpro.co.nz.

GENERAL INFORMATION
AGPRO Mesotrione 480SC is a selective herbicide for the control of a wide range of broadleaf weeds in grain and silage maize. AGPRO Mesotrione 480SC can be applied either pre or post emergence. AGPRO Mesotrione 480SC is absorbed through the leaves, shoots and roots of weeds, interfering with carotenoid biosynthesis. Complete weed death may take up to 2 weeks.
Ingredients: AGPRO Mesotrione 480SC contains 480 g/L of mesotrione as the active ingredient.
RECOMMENDED USES
AGPRO Mesotrione 480SC is effective against a range of broadleaf weeds including Bathurst bur, black nightshade, chickweed, dandelion, fathen, fennel, fishtail oxalis, hairy nightshade, galinsoga, mallow, redroot, seedling docks, spurrey, stagger weed, twin cress, willow weed, wire weed.
AGPRO Mesotrione 480SC is only partially effective against grass weeds. It is recommended that AGPRO Mesotrione 480SC is used in conjunction with other herbicides to provide broad spectrum weed control.

Beware: Apply this product carefully. Spray drift may cause serious damage to desirable plants. A strategy to minimise spray drift should be employed at all times when applying spray near aquatic environments.

RATES OF APPLICATION
Pre-emergent: Use 350-450 mL of AGPRO Mesotrione 480SC per hectare. To increase the spectrum of weed activity, use in combination with 2 litres of AGPRO Atrazine 500.
Post-emergent: Use 150-200 mL of AGPRO Mesotrione 480SC per hectare. To increase the spectrum of weed activity, use in combination with 1-1.5 litres of AGPRO Atrazine per hectare.
For optimal post emergent weed control, particularly against grasses such as summer grass and smooth witchgrass, AGPRO Mesotrione 480SC, on its own or with tank mixes, must be used in conjunction with AGPRO Crop Oil at 1% by volume of the spray mix. Do NOT use methylated seed oil adjuvants or cationic surfactants.

TIMES OF APPLICATION
Pre-emergent: Apply to the freshly prepared seedbed immediately after planting and before crop emergence.
Post-emergent: AGPRO Mesotrione 480SC is most effective when applied to weeds up to the 8 leaf stage. Providing the spray has dried on the foliage, light rain after post emergent spraying will not affect the results. Otherwise, rain within 3 hours of treatment may reduce effectiveness.

APPLICATION METHODS
Boom spraying: Use 100-300 litres of water per hectare. Use the higher volumes when used in conjunction with other herbicides. Do not use strainers finer than 300 micrometres.
Dry conditions following application may reduce pre emergent effectiveness. If activating rain is not received within 7 to 10 days after a pre emergent application, rotary hoeing is recommended to activate the herbicide.

MIXING
AGPRO Mesotrione 480SC mixes readily with water. If the container has been standing for some time, roll the drum from side to side or if the container is small, shake well several times to ensure a uniform mixture is drawn off. Add the required amount of AGPRO Mesotrione 480SC to the partly filled spray tank and top up with water. Keep mechanical agitator or bypass running while filling, during spraying and before recommencing spraying after a stoppage. Unused spray mixture will settle overnight. If tank mixing, add next product(s) immediately after AGPRO Mesotrione 480SC.

WEED CONTROL NOTES
Organophosphate or carbamate insecticides: Severe crop damage can occur if AGPRO Mesotrione 480SC is applied in a tank mix with any organophosphate or carbamate insecticide, or within 7 days of any such application. AGPRO Mesotrione 480SC may be applied with pyrethroid insecticides, please check with AGPRO NZ Limited before application.
Bleaching: Transient bleaching may occur after post emergent applications if undertaken when the crop is stressed, e.g. in drought. The crop will outgrow this and develop normally. Yield will not be affected.
Popcorn and sweetcorn: AGPRO Mesotrione 480SC can be phytotoxic to varieties of popcorn and sweet
corn and is not recommended for use.

WITHHOLDING PERIODS
Grain maize and green feed/silage: 70 days from the last application

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residues Limits of Agricultural Compounds) Food Standards.

SOIL RESIDUES
To minimise soil residues which could affect subsequent crops, areas treated with AGPRO Mesotrione 480SC should be ploughed and cross cultivated between crops to ensure maximum dispersal of residues. Because residues may result from the use of AGPRO Mesotrione 480SC, planting of certain crops should be delayed to allow residues to decay. Allow at least 6 months before sowing white clover or ryegrass. Allow at least 12 months for legume crops such as lucerne, peas and red clover. For further advice contact a representative of AGPRO NZ Limited.

CONDITIONS OF SALE
AGPRO Mesotrione 480SC herbicide being beyond the control of the manufacturer, no warranty expressed or implied, beyond that cover under the Fair Trading Act is given by AGPRO NZ Limited regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and AGPRO NZ Limited accepts no responsibility for any consequence whatsoever resulting from the use of this product.