

WARNING

KEEP OUT OF REACH OF CHILDREN • READ LABEL BEFORE USE

PRIMIERA[®] 480SC

SCAN ME



Active ingredient: 480g/litre mesotrione
in the form of a suspension concentrate.

**A selective herbicide for the
control of broadleaf weeds in
grain and silage maize.**

 **AGRECOVERY**

www.agrecovery.co.nz

 **Nufarm**
Grow a better tomorrow

GHS CLASSIFICATION

Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2,

Hazardous to soil organisms,

Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

This product must not be used for any purpose or in any manner contrary to this label unless authorized under appropriate legislation.

WARNING

- Causes serious eye irritation.
- May cause damage to organs through prolonged or repeated oral exposure.
- Very toxic to aquatic organisms with long lasting effects. Avoid contamination of any water supply with chemical, empty container or spray drift. Do not apply into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.
- Very toxic to the soil environment.
- 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 spray drift to occur outside of the target area.

HANDLING PRECAUTIONS

The person mixing or applying this product must be a “Qualified Contractor” or a “Qualified Person”. The spray mixture may also be prepared by a “Qualified Loader”.

STORAGE

- Store in original container tightly closed and in a locked dry cool area away from foodstuffs, seeds and fertilizers. Store in accordance with NZS 8409 Management of Agrichemicals.
- Stores containing 100 litres are subject to signage and secondary containment, and more than 100 litres require emergency response plans.

PERSONAL PROTECTION

- Avoid eye contact. Do not breathe spray mist.
- When mixing or applying wear eye protection, waterproof gloves, boots and overalls.
- Do not eat, drink or smoke while using this product.
- Remove protective clothing and wash hands and face thoroughly before meals and after work.

EQUIPMENT.

- Apply using well maintained and accurately calibrated spray equipment.

DISPOSAL

- Triple rinse container and add rinsate to the spray tank. Recycle empty container, otherwise crush and bury in a suitable landfill.
- Disposal of product only by using according to the label or at an approved treatment facility.

First Aid: If medical advice is needed, have product container or label at hand.

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

Spillage: Collect spillage. Wear appropriate clothing and prevent material from entering waterways. Contain liquid spills, absorb with inert material and place in waste containers. Wash area with water and absorb with more inert material. Dispose of waste safely in an approved landfill.

Record Keeping: Records of use as described in NZ 8409 Management of Agrichemicals must be kept if 3 litres or more of Primiera 480SC is applied within 24 hours. Records must be kept for a minimum of 3 years from application date.

Resistance Management: Primiera 480SC is a **GROUP 27 HERBICIDE** from the pyrazoles chemical group with the bleaching: inhibition of 4-hydroxy phenylpyruvate – dioxgenase (4-HPPD) mode of action. To prevent or delay the development of resistance use Primiera 480SC in tank mixes where appropriate and/or in rotation with herbicides having a different mode of action against the weed. Consult www.resistance.nzpps.org/ for alternative modes of action and the details of resistance management strategies (if any) for the crops listed on the label.

GENERAL INFORMATION:

Primiera 480SC is a selective herbicide for the control of a wide range of broadleaf weeds in grain and silage maize. It can be applied either pre or post emergence and is absorbed through the leaves, shoots and roots of weeds, interfering with carotenoid biosynthesis. Complete weed death may take up to 2 weeks.

Weeds Controlled: Primiera 480SC is effective against a range of broadleaf weeds including Bathhurst bur, black nightshade, chickweed, dandelion, fathen, (includes triazine resistant fathen), fennel, fishtail oxalis, galinsoga, hairy nightshade, mallow, redroot, seedling docks, spurrey, stagger weed, twin cress, willow weed, wire weed. Primiera 480SC is only partially effective against grass weeds. It is recommended that Primiera 480SC is used in conjunction with other herbicides to provide broad spectrum weed control (See under "Rates of Application" below).

Mixing: Shake well before using. Pour the measured quantity of Primiera 480SC into the partly filled spray tank, then top up with water. Agitate thoroughly during filling and spraying and before recommencing spraying after a stoppage.

Directions for Use:

Rates of Application:

EPA Restriction: The maximum application rate is 0.45 L Primiera 480SC/ha or 216g mesotrione/ha.

Pre-emergent: Use 350 – 450ml of Primiera 480SC per hectare. To increase the spectrum of weed activity use in combination with 2 litres/ha of Flowable Atrazine 500 or 1.1 kg/ha Nu-Trazine™ 900DF, or 2.5-3 litres/ha of Roustabout®.

Post emergent: Use 150-200ml of Primiera 480SC per hectare. To increase the spectrum of weed activity use in combination with 1-1.5 litres/ha of Flowable Atrazine 500 or 0.4-0.7 kg/ha Nu-Trazine™ 900DF, or 270-400 ml/ha Kamba® 750, or 80-110g/ha Latro® WG.

For optimal post-emergence weed control, particularly against grasses, Primiera 480SC must be used in tank mixture with Bonza Gold at 500ml-1L per 100L water. Do NOT use cationic surfactants. Avoid tank mixing liquid fertilizers with Primiera 480SC + Bonza Gold as increased crop damage is likely. Do NOT use Bonza Gold when tank mixing with Kamba® 750 or Emblem® Flo.

NOTE: Overseas literature indicates that the efficacy of nicosulfuron (e.g. Latro) may be reduced when it is applied in tank mixture with Primiera 480SC, especially against yellow bristle grass.

TIMES OF APPLICATION:

Pre emergent: Apply to the freshly prepared seedbed immediately after planting and before crop emergence.

Post emergent: Primiera 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:

Primiera 480SC is limited to ground based low-boom application methods.

Boom spraying: Use 100-300 litres of water per hectare. Use the higher volumes when used in conjunction with other herbicides and when spraying larger weeds. Do not use strainers finer than 300 micrometers.

Dry conditions following application may reduce pre-emergent effectiveness. If activating rain is not received with 7-10 days after a pre-emergent application, rotary hoeing is recommended to activate the herbicide.

WARNINGS:

Organophosphate or carbamate insecticides. Severe crop damage can occur if Primiera 480SC is applied in a tank mix with any organophosphate or carbamate insecticide, or within 7 days of any such application. Primiera 480SC may be applied with pyrethroid insecticides.

Bleaching: Transient bleaching may occur after post emergent applications if undertaken when the crop is stressed, e.g. drought. The crop will outgrow this and develop normally. Yield will not be affected.

Popcorn and Sweetcorn. Primiera 480SC can be phytotoxic to varieties of popcorn and sweetcorn, and is not recommended for use.

WITHHOLDING PERIOD: 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 Food Notice: Maximum Residue Levels for Agricultural Compounds.

SOIL RESIDUES: To minimise soil residues which could affect subsequent crops, areas treated with Primiera 480SC should be ploughed and cross cultivated between crops to ensure maximum dispersal of residues. Because residues may result from the use of Primiera 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.

Registered pursuant to the ACVM Act 1997, No. P10159

See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNO Act 1996, Approval Code HSR100665

See www.epa.govt.nz for approval controls.

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CONDITIONS OF SALE:**CAUTION: READ THIS NOTICE BEFORE OPENING THE CONTAINER**

If you open this container you will be deemed to have accepted the conditions below.

The results from use of this product may be affected by factors beyond Nufarm's control, including mixing, use, climatic conditions, time of application, crop or crop stage and the possible development of resistance to the active ingredient, even though the product is reasonably fit for the purposes stated in this label, and even though label directions are followed. Nufarm will replace, free of charge, any product which is found to have a manufacturing defect. To the extent permitted by law, all other warranties, guarantees, representations and conditions, whether expressed or implied by law, trade, custom or otherwise are expressly excluded.

When you use this product, you agree that neither Nufarm Limited nor any manufacturer of any component of the product will be liable for any damage, injury or loss including consequential loss which arises in any way from the storage, handling, or use of the product. This exclusion of liability includes loss caused by negligent acts or omissions of Nufarm Limited or any supplier or manufacturer of the product or any of their employees and agents.

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**UN 3082**

ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Mesotrione)
Class 9, PG III, Marine Pollutant.