

ECOTOXIC

KEEP OUT OF REACH OF CHILDREN



171003

HERBICIDE

Contains: 500g/litre oxyfluorfen in the form of a suspension concentrate

For weed control in orchards, vineyards, onions, vegetables brassicas and forest nurseries.

As an additive to glyphosate based herbicides to lift performance on hard to kill species.

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

For containers over 20 litres, stir well before use by recirculation or mechanical stirring.

HAZARD CLASSIFICATION: 6.3B, 6.4A, 6.9B, 9.1A, 9.2A**APPROVED HANDLER:** This product must be under the control of an approved handler during use. See SDS for full details.**RECORDS:** Records of use must be kept under certain circumstances. See SDS for full details.**WARNING:** May cause skin and eye irritation from prolonged skin contact. Avoid contact with eyes and skin. May cause liver damage from repeated oral exposure at high doses.**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 skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT scrub the skin. If splashed in eyes, wash out immediately with water for at least 15 minutes. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.**PERSONAL PROTECTION:** Avoid contact with skin or inhalation of spray mist. Ensure adequate ventilation when handling concentrate. Wear eye protection when handling the concentrate. Gloves should be worn at all times. Wash thoroughly after use and before eating.**ECOTOXIC:** Warning - very toxic to aquatic organisms. Avoid contamination of any water supply with chemical or empty container. Do not spray over or allow spray drift over any aquatic environment.**STORAGE:** Store in original container, tightly closed, away from foodstuffs.**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 an approved landfill. Dispose of product only by using according to this label, or at an approved disposal facility.**SAFETY DATA SHEET:** Additional information is listed in the SDS available from Lonza NZ Limited or www.lonza.co.nz**Approved pursuant to the HSN0 Act 1996,** No: HSR100031. See www.epa.govt.nz for approval conditions.**Registered pursuant to the ACVM Act 1997,** No: P007996. See www.foodsafety.govt.nz for registration conditions.**GENERAL INFORMATION:** Oxy 500 SC is a pre emergence and post emergence herbicide for use alone or in tank mixture with other knockdown and/or residual herbicides. Oxy 500 SC has contact activity against small weeds (less than 10cm) and long term residual activity in low organic matter soils. Residual life is greatest when applied to bare compact ground where emerged weeds are sparse.**DIRECTIONS FOR USE:****WEEDS CONTROLLED:** Bitter cress, black nightshade, catsear, cleavers, cut leaved geranium, fathen (partial control), field bindweed fumitory, field madder, groundsel, hedge mustard, mouse eared chickweed, nettle, parsley piert, pennyroyal, redroot, mallows, sea radish, seedling docks, shepherd's purse, sow thistle, speedwells, storksbill, twin cress, wild portulaca, wild turnip and wireweed.

USE	RATES	DIRECTIONS FOR USE
PIPFUIT, STONEFRUIT, KIWIFRUIT AND GRAPEVINES Residual weed control	3 litres/ha in 300 - 400 litres of water	Apply to bare ground when trees and vines are dormant. Do not use near newly grafted or budded cuttings or plants less than 1 year old. Treatment should be made when the soil is moist and weeds are small. Avoid direct crop plant contact.
ONIONS Post emergence	120 - 240 ml/ha in 300 - 400 litres of water	Apply to a weed free soil once onions have two true leaves. Use the low rate when onions are small and conditions are wet and cold. Repeat applications at 4 - 6 week intervals as required. Treat any weed escapes with suitable contact herbicides if required. The higher rate can be used once onions have three true leaves. Do not use more than 950 ml/ha per crop.
VEGETABLE BRASSICAS: Cabbage, Cauliflower, Broccoli and Broccoflower	400 - 800 ml/ha in 300 - 400 litres of water	Apply immediately after transplanting to a weed free soil. Oxy 500SC may be applied directly after irrigating the newly transplanted crop. Some leaf burning may occur in mid winter, but this is short lived and does not affect yield. Note: Under cool humid conditions, some varieties of broccoli may be damaged resulting in yield reductions. Use the lower rate under cold wet conditions (midwinter) or on medium soils and the higher rate in warm weather (summer) on heavy soils. Make only one application per crop.
FOREST NURSERIES Pre emergence treatment	1 - 2 litres/ha 250 - 500 ml/ha in 300 - 400 litres of water	<i>Pinus</i> and <i>Cupressus</i> species: Eucalyptus and <i>Racosperma</i> (<i>Acacia</i>) species: Can inhibit height growth in some Eucalyptus and <i>Racosperma</i> species. Apply to clean seedbeds immediately after sowing but prior to any emergence of seedlings.
Post emergence treatment	1 - 1.5 litres/ha in 300 - 400 litres of water	To achieve best control weeds should be no more than 5 cm in height. Apply no sooner than 5 weeks after seedling emergence. Foliage discolouration can occur to Eucalyptus, <i>Cupressus</i> and <i>Radiata</i> Pine seedlings.

Use as a spike to assist with glyphosate based herbicides.

When tank mixed with the correct label rate of any glyphosate based herbicide Oxy 500 SC will aid in the initial brownout on most weed leaves and stems without interfering with the translocation properties. Always follow the full label instructions of any tank mixed herbicide. Oxy 500 SC will assist glyphosate to control mallows, tall willow herb, cleavers and nettles in particular. Some weeds e.g. speedwells, cress and certain grasses may not show an initial scorch but an earlier weed kill should still be obtained. The addition of Oxy 500 SC will also reduce the required rain free period to less than 20 minutes.

Orchard weed strips, non-crop uses: Apply 40 to 75 ml/ha in tank mix with the recommended rate of glyphosate based herbicide for general use. Apply 1 to 1.5 Litres/ha in tank mix with the recommended rate of glyphosate based herbicide to improve the control of "difficult to kill" weeds such as mallow, nettle, hedge mustard, shepherds purse and field speedwell. Use the high rate for creeping mallow and weeds taller than 25cm.**Handgun and Knapsack spraying:** Add Oxy 500 SC at 150 ml/100 litres to the recommended rate of glyphosate based herbicide and apply to thoroughly wet all weeds.**Conservation tillage:** Apply 40 ml/ha in tank mix with the recommended rate of glyphosate based herbicide.**MIXING:** Slowly pour the correct amount of Oxy 500 SC into the partly filled tank, and while agitating add the remainder of the water. Maintain agitation during spraying and any stoppages. Only mix sufficient spray for immediate use and avoid storing.**ADJUVANTS:** For knockdown use the addition of adjuvants can be beneficial.**APPLICATION:** Only apply Oxy 500 SC via conventional ground based boom, gun or knapsack spraying equipment that is well maintained and calibrated and set up to achieve complete coverage of all weeds. Use an appropriate water rate for the weeds present but use a minimum of 300 litres/ha.**RAINFALL:** For residual use rainfall has no detrimental effect. For knockdown use alone delay treatment if rain is likely up to three hours after spray has dried on the foliage. See glyphosate spike rates above.**COMPATIBILITY:** May be tank mixed with a wide range of herbicides including products containing glyphosate, amitrole, terbuthylazine and glufosinate.**SPRAYER CLEAN-UP:** To avoid injury to subsequently sprayed sensitive crops, flush sprayer with several rinses of clean water after use.**PLANTBACK:** When used at low rates there should be no problem with germination of following crops following cultivation or direct drilling of pasture or brassicas. Do not use as a stale seedbed additive to glyphosate in vegetable growing unless prior knowledge suggests otherwise.**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 PERIOD:** Onions - 6 weeks.

Pipfruit, stonefruit, kiwifruit, grapevines, conservation tillage and forest nurseries - Not required when used as directed.

RESISTANCE MANAGEMENT: **GROUP E HERBICIDE**

Oxy500 contains an herbicide with the inhibition of protoporphyrinogen oxidase mode of action. Certain individual biotypes may become resistant to this and other group E herbicides. To minimise the risk of these weeds dominating the population use strictly in accordance with the label directions and use herbicides from alternative mode of action groups at other times. For further information see: www.resistance.nzpps.org

NOTICE TO BUYER: The manufacturers and vendors of Oxy 500SC 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.

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