

ECOTOXIC
KEEP OUT OF REACH OF CHILDREN



NEEKO[®]

HERBICIDE

Contains: 60 g/litre nicosulfuron plus 480 g/litre methylated seed oil adjuvant in the form of an oil in water dispersion

**For grass and broadleaf weed control in grain
and silage maize and sweetcorn**

PLEASE READ THE ENTIRE LABEL BEFORE USE. SHAKE OR STIR WELL BEFORE USE.**HAZARD CLASSIFICATION: 6.3B, 6.4A, 9.1A, 9.2A**

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.

RECORD KEEPING: Records of use must be kept under certain circumstances. See SDS for full details.

WARNING: May cause skin and eye irritation, avoid contact with the skin and eyes.

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 spilt on the skin, remove contaminated clothing and wash affected areas of skin. DO NOT SCRUB THE SKIN. If concentrate is splashed in the eyes, flush with running water for at least 15 minutes. Seek medical attention.

PERSONAL PROTECTION: When handling, wear waterproof gloves, eye protection, overalls and boots. DO NOT eat, drink or smoke while using. Wash thoroughly after use and before eating.

ECOTOXIC: Very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container. Very toxic to the soil environment due to herbicidal properties.

STORAGE: Store in original container, tightly closed, away from foodstuffs. Keep out of reach of children. Use spray mixtures the same day.

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 HSNO Act 1996, No: HSR007869. See www.epa.govt.nz for approval conditions.

Registered pursuant to the ACVM Act 1997, No: P007715. See www.foodsafety.govt.nz for registration conditions.

DIRECTIONS FOR WEED CONTROL IN MAIZE AND SWEETCORN:

Weeds Controlled: Barnyard grass, bristle grass, broom corn millet, couch, crowfoot grass, kikuyu, pasture grasses (volunteers), rough bristle grass, smooth witchgrass, summer grass, wild oats, Bathurst burr, black nightshade, groundsel, fathen, fumitory, redroot, sow thistle, thorn apple, twincrest, water pepper, wild portulaca and willow weed.

Weeds Suppressed: Mercer grass, apple of Peru, bindweed, buttercup, Californian thistle, chicory, docks, clover, oxalis, potato volunteers, and Scotch thistle.

DIRECTIONS FOR USE

WEED	RATE (litres/ha)	CRITICAL COMMENTS
Couch	1.0	Apply when sufficient weed foliage is present for good coverage and uptake.
Mercer Grass (Suppression), kikuyu	1.3	Apply when sufficient weed foliage is present for good coverage but before the grass has formed a thick layer. Shading from a good crop canopy after application will improve control. In continuous maize cropping systems a repeat application in the following season will improve overall control.
Annual Grasses	0.7 - 1.0	Use the low rate only if following a pre-emergence herbicide application and if weed pressure is low. Apply to summer grass at the maximum rate and before plants reach three tillers or tillers are 75mm in length.
Broadleaf Weeds	0.7 - 1.0	Use the low rate only if following a pre-emergence herbicide application and if weed pressure is low. Apply before weeds have reached the 4 true leaf stage, (75 to 100mm) and use in soil areas where the organic matter level is low to medium. Weeds (eg Nightshade) larger than 4 true leaf stage may only be suppressed. Mature weeds will not be adequately controlled. To broaden the weed spectrum add a suitable tank mix herbicide.
Oxalis (Suppression)	1.0 - 1.3	The higher rate will improve control.

MIXING INSTRUCTIONS: Keep the container of Neeko Oleo in a cool and dark place. Prior to mixing thoroughly rinse sprayer, tank, booms, hoses, and nozzles with water. Shake container well before pouring. Pour Neeko Oleo into the spray tank half filled with water. Complete water filling. Maintain a moderate agitation until the mix is applied. Add other post-emergence herbicides after Neeko Oleo is thoroughly mixed in the spray tank. Apply the spray mix within 24 hours of mixing.

ADJUVANTS: Neeko Oleo contains an inbuilt surfactant system. DO NOT add any further surfactant or spraying oil.

COMPATIBILITY: Neeko Oleo is compatible in tank mixtures with the following post emergence herbicides; atrazine, dicamba and bromoxynil.

APPLICATION: The crop growth stage best for application is between the 2 and 8 leaf stage when the crop is growing vigorously without moisture stress and free of wind damage. Application to crops greater than 500 mm in height risks crop injury. DO NOT use on popcorn. Neeko Oleo can be used safely on maize grown for seed on existing NZ varieties already tested for crop safety in NZ.

Apply this product carefully as spray drift may cause serious damage to other desirable plants. Apply evenly to the weed canopy using ground based spray equipment at a minimum of 200 litres water per hectare to maximize coverage. Position the boom nozzles between the rows of the maize for direct coverage of weeds avoiding boom overlap. Do not apply Neeko Oleo into the maize or sweetcorn whorls as crop damage may occur. The use of nozzles on droppers from the boom will improve target weed coverage and minimize crop injury.

THE USE OF DROPPERS OR BAND SPRAYING EQUIPMENT IS ESSENTIAL WHEN SPRAYING SWEETCORN

GENERAL INFORMATION: Mode of action: Neeko Oleo is rapidly absorbed by foliage and translocated throughout the weeds. This stops the synthesis of vital plant growth chemicals. Weeds stop growing immediately and discoloration of leaves occurs, followed by dieback that spreads slowly throughout the weed. Neeko Oleo contains an inbuilt surfactant system and does not require any additional adjuvant to be tank mixed.

INTERACTION WITH INSECTICIDES: Do not apply to maize or sweetcorn previously treated with soil-applied organophosphate insecticides or to any crop that has been treated within 7 days before or after with foliar applied organophosphate insecticides, as severe crop injury may result.

SOIL RESIDUES: To minimise soil residues, treated areas should be deeply cross cultivated to ensure maximum dispersal of residues. Ryegrass and small grain cereals should not be sown in areas treated within the previous 5 months.

CULTIVATION: Do not cultivate during the 10 days before a Neeko Oleo application as this may decrease weed control by placing weeds under stress. The optimum timing for cultivation or side dressing of fertiliser is 7 – 14 days after a Neeko Oleo application.

WEATHER CONDITIONS: Warm moist conditions and adequate soil moisture, both before and after application, will improve control. Maize stressed due to weather conditions may show a temporary yellowing or crop stunting. Neeko Oleo is rainfast 6 hours after application.

SPRAYER CLEANUP: To avoid injury to subsequently sprayed sensitive crops all traces of Neeko Oleo must be removed from mixing and spraying equipment after use. Drain spray tank completely, flush interior surfaces of tank, boom and hoses with clean water and flush all parts, then drain again. Fill tank again adding chlorine bleach (3% sodium hypochlorite) at 1 litre/100 litres and agitate for 15 minutes and flush all parts, drain again. Nozzles and filters must be removed and cleaned separately with clean water. Thoroughly rinse tank and flush clean water through pump and boom to remove all traces of chlorine solution.

RESISTANCE MANAGEMENT: **GROUP B HERBICIDE** Neeko contains a sulfonylurea herbicide with the inhibition of ALS mode of action. Naturally occurring biotypes resistant to sulfonylurea herbicides are known to exist. These resistant biotypes may dominate when Neeko or other related group B herbicides are used excessively. To minimise this risk use strictly in accordance with label instructions and resistance management strategies. Since occurrence of resistant weeds is difficult to detect prior to use, Zelam Ltd accepts no liability for any losses that may result from the failure of Neeko to control resistant weeds. For further information see: www.nzpps.org/resistance

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:

Maize green feed and silage - 56 days.

Sweetcorn – do not harvest for human consumption or graze treated crops for 56 days after treatment.

NOTICE TO BUYER: The manufacturer and vendors of Neeko Oleo warrant the formulation to contain the specified active ingredient within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material is used in accordance with the label directions or not.

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