

ECOTOXIC

KEEP OUT OF REACH OF CHILDREN



**NĒĒĒKO™**

For the post emergence control of annual and perennial  
grasses, also some broadleaf weeds in maize crops

**H E R B I C I D E**

**NET CONTENTS: 5 LITRES**

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**PLEASE READ THE ENTIRE LABEL BEFORE USE**

**ACTIVE INGREDIENT:** Contains 60 g/litre of nicosulfuron in the form of an oil-based suspension concentrate

**APPROVED HANDLER:** This product must be under the control of an approved handler during use. See MSDS for full details.

**RECORD KEEPING:** Records of use must be kept under certain circumstances. See MSDS 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 spilled 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 water-proof 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. Not toxic to earthworms.

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

**SHELF LIFE:** When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

**DISPOSAL:** Triple rinse containers and add the residue to the spray tank. Dispose of container in an approved landfill or Agrecovery depot. Avoid contamination of any waterway with product or empty container.

**MATERIAL SAFETY DATA SHEET:** Additional information is listed in the MSDS available from Zelan™ Ltd or www.zelan.com

**ERMANEW ZEALAND:** Additional information is available from the ERMANEW website - www.ermanew.govt.nz. Approval Code: HSR007869.

**GENERAL INFORMATION:** Mode of action: Neeko™ 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.

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

**DIRECTIONS FOR USE IN MAIZE:** Beware: Apply this product carefully. Spray drift may cause serious damage to other desirable plants.

WEED	RATE	CRITICAL COMMENTS
Couch	1 L per ha	Use with Nicovate™ at 500ml/100 litres as a tank-mix. Apply when sufficient Couch foliage is present for good coverage.
Merger Grass (Suppression)	1.3 L per ha	Use with Nicovate at 500ml/100 litres as a tank-mix. Apply when sufficient Merger Grass foliage is present for good coverage. Shading from a good crop canopy after application will improve control. In the following season, a subsequent application will improve overall Merger Grass control.
Annual Grasses	0.7 - 1 L per ha	Use the 0.7 litre rate only if following a pre-emergence herbicide application and if weed pressure is low. Add a suitable tank mix herbicide with Neeko and use in soil areas where the organic matter level is low to medium. Add Nicovate at 500 ml/100litres as a tank mix. Apply when sufficient grass foliage is present for good coverage.
Broadleaf Weeds	0.7 - 1 L per ha	Use the 0.7 litre rate only if following a pre-emergence herbicide application and if weed pressure is low. Add a suitable tank mix herbicide with Neeko and use in soil areas where the organic matter level is low to medium. Add Nicovate at 500 ml/100litres as a tank mix. Mature weeds will not be adequately controlled.
Oxalis (Suppression)	1 - 1.3 L per ha	Add Nicovate at 500 ml/100litres as a tank mix. The higher rate will improve control.

**Weeds Controlled:** Grasses: Barnyard Grass, Bristle grass, Couch, Crowfoot Grass, Kikuyu, Pasture grasses (volunteers), Rough Bristle Grass, Smooth Witchgrass, Summer Grass, Wild Oats. Broadleaf Weeds: Black Burr, Black Nighshade, Ground Hurtle, Fumitory, Redroot, Sow Thistle, Thorn Apple, Twinnress, Water Pepper, Wild Portulaca, Willow Weed.

**Weeds Suppressed:** Grasses: Merger Grass. Broadleaf Weeds: Apple of Peru, Bindweed, Buttercup, Californian Thistle, Chicory, Dock, Clover, Oxalis, Potatoes (volunteers), Scotch Thistle.

**Application Timing:** Broadleaf Weeds; for best results Neeko should be applied before weeds have reached the 4 true leaf stage, (75 to 100mm). Weeds larger than 4 true leaf stage may only be suppressed.

**Grass Weeds:** Apply when there is sufficient leaf area for good uptake but before the grass has formed a thick layer. Apply to summer grass at a maximum of three tillers or 75mm in length.

**Caution:** Application to maize greater than 500 mm in height risks crop injury. DO NOT use on sweetcorn or popcorn. Neeko can be used safely on maize grown for feed on existing NZ varieties already tested for crop safety in NZ. The maize 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:** Apply evenly to the weed canopy using ground based spray equipment at a minimum water rate per hectare of 200 litres. Position the boom nozzles between the rows of the maize for direct coverage of weeds. The use of nozzles on droppers from the boom will improve target weed coverage. Do not apply Neeko into the maize whorls as crop damage may occur.

**Withholding period:** Maize green feed and Silage - 56 days.

**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 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 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 is rainfast 6 hours after application.

**Tank mixes:** Neeko is compatible in tank mixtures with the following post-emergence herbicides; Atrazine, Dicamba and Bromoxynil.

**Adjuvant:** Nicovate is an adjuvant. Applied with Neeko it enhances the control of certain hard to kill weed species. DO NOT use Nicovate with dicamba or bromoxynil EC tank mixtures.

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

**Sprayer Cleanup:** 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 a detergent then flush all parts, drain again.

Ensure detergent is well flushed out. Nozzles and filters must be removed and cleaned separately with clean water.

**NOTICE TO BUYER:** The manufacturer and vendors of Neeko 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.

whenever the material is used in accordance with the label directions or not.

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BATCH NO:  
Neeko

D.O.M:



**AGRECOVERY**

