

**HARMFUL • ECOTOXIC**  
**KEEP OUT OF REACH OF CHILDREN**

**Nufarm**  
**Relay**®  
***SUPER S***



Active ingredient: 680g/litre 2,4-D as the ethylhexyl ester  
in the form of an emulsifiable concentrate.

**Selective herbicide for broadleaf weed control  
in pasture and turf.**

**20 Litres**



01-17/PS/A0870-20LNZ1.2



**Grow a better tomorrow.**

# Relay® system SUPER S

**HAZARD CLASSIFICATION**  
6.1D, 6.3B, 6.5B, 6.9A, 9.1A, 9.2A, 9.3C

**APPROVED HANDLER**  
This product must be under the control of an approved handler when applied in a wide dispersive manner or used by a commercial contractor.  
This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.

**TOXICITY**  
• Harmful - may be harmful if swallowed, inhaled or absorbed through the skin. May cause mild skin irritation. May cause sensitisation from prolonged skin contact. May cause organ damage from repeated oral exposure at high doses.  
**ECOTOXIC**  
• Very toxic to aquatic organisms with long-lasting effects. Avoid contamination of any water supply with product or empty container. Application to drains, ditches and irrigation channels must only be made when these waterways are dry and at least one month is allowed to elapse before the chemicals are used to carry water.  
• 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.** Ensure compliance with relevant regional air management plans.  
• To minimise the risk of damage from drift of this product, especially where susceptible vegetation is within 0.5km, use low drift nozzles which minimise the production of small droplets (less than 100 microns). Maintain a water rate of at least 30 litres/ha for aerial spraying. Do not add additional wetter unless specified on the label. Preferred wind conditions for spraying are a light constant breeze away from any sensitive crop.  
• Vapour loss of the product could possibly occur under certain environmental conditions from a sprayed area (soil or vegetation) which has a temperature above 20°C. Avoid using it near sensitive crops on sunny days when the air temperature is forecast above 20°C or on overcast days when the air temperature is forecast to be over 25°C.

**HANDLING PRECAUTIONS STORAGE**  
• Store in original container tightly closed and in a locked, dry, cool, well ventilated area away from foodstuffs, seeds, and fertilisers. Store in accordance with NZS 8409 Management of Agrichemicals.  
• Stores containing 100 litres of Relay Super S are subject to storage and require secondary containment, and more than 100 litres require emergency response plans.

**PERSONAL PROTECTION**  
• Avoid contact with skin or eyes and inhalation of spray mist.  
• When handling wear eye protection, waterproof gloves, boots and overalls. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.  
**EQUIPMENT**  
• Apply using well maintained and accurately calibrated equipment.

**DISPOSAL**  
• Triple rinse empty container and add rinsate to spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.  
• Dispose of product only by using according to the label, or at an appropriate landfill.

**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. If splashed in eyes, wash out immediately with water. If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

**Spillage:** Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.  
**Transport:** Do not carry this product on a passenger service vehicle.  
**Record Keeping:** Records of use as described in NZS 8409 Management of Agrichemicals, must be kept whenever Relay Super S is used.  
**Mixing:** Pour the measured quantity of Relay Super S into the partially filled spray tank and with the agitator running, top up with the remainder of the water.  
**Cleaning:** Always wash tank and flush equipment thoroughly with clean water after use. Decontaminate before using on plants that are sensitive to 2,4-D.

**Decontamination:** After thoroughly washing the tank and flushing the system with clean water, quarter fill the tank, add 500g of an alkali detergent and circulate throughout the system for 15 minutes. Drain the system. Remove filters and nozzles and clean them separately. Then flush the system with clean water and allow to drain.

**Compatibility:** Relay Super S is compatible with many other agricultural chemicals including Kamba® 500 and Archer®.  
**Resistant Weeds Warning:** Naturally occurring biotypes resistant to Relay Super S and other phenoxy herbicides are known to exist. These become more prevalent after many years of continuous use of the product. Species with known resistant biotypes include nodding thistle, giant buttercup and slender winged thistle. To prevent or delay the development of resistant weeds use Relay Super S in tank mixes where appropriate, and/or in rotations with herbicides having a different mode of action against the weed.

**GENERAL COMMENTS:**  
Relay Super S is most effective when applied to actively growing seedling weeds. Established weeds, particularly perennial species, may not be well controlled. Do not apply to plants under stress from frost or drought.  
Buttercups and thistles are generally better controlled with Agritone® 750. Some weeds (e.g. Californian thistle, bindweeds) require repeat applications.

**Application Timing:** Autumn, early winter or early spring application is recommended for the best control of weeds. Cold temperatures and frosts limit plant growth and resultant weed control from applications during mid winter months may be unsatisfactory.  
**Pasture Management:** Relay Super S damages plainain, chicory and clover, especially red, subterranean and suckling clover. Damage is temporary and recovery of perennial clovers usually occurs after several months.  
To minimise clover damage graze pasture before spraying to remove clover leaf and expose weeds. Do not graze so hard that weed foliage is removed. Let pasture freshen for one week before spraying. Do not graze for two weeks after application to allow maximum uptake and translocation of the herbicide. Premature grazing may reduce weed control. Light rainfall 2 hours after application should not adversely affect results.  
After spraying with Relay Super S, poisonous plants (e.g. ragwort, hemlock) may become more palatable and stock should be kept away until the plants have died down.

**Plant Back Period:** 2-4 D has soil activity which may be exacerbated by dry soil conditions. To ensure that susceptible species (e.g. brassicas, grasses or clovers) are not damaged by 2,4-D soil residues, do not plant for 4 weeks after application.  
**Application:** Relay Super S can be applied using conventional ground or aerial spraying equipment.  
Boom Spraying: Use 100-300 litres of water/ha. For difficult to control perennial pasture weeds use 300-500 litres of water/ha to improve coverage.  
CDA Spraying - Pasture Weeds: Use 15-50 litres of water/ha. Droplet size must exceed 150 microns.

Aerial Spraying: For pasture weeds apply with calibrated equipment in 30-60 litres of water/ha.  
Spot Spraying: For pasture weeds use a pressure of 600-800kPa through a No. 4 tip and apply as a fine misting spray. Complete coverage is essential. Use 500ml/100 litres of water. For a knapsack use 5ml/litre.  
**Weeds Controlled:**  
Relay Super S controls or severely checks the following:  
Alligator weed, alsed, apple of Peru, Australian flax, Australian sedge, bachelor's button, Bathurst bur, beggar's ticks, bitter cress, black nightshade, burdock, bur medick, buttercups, Californian poppy, Canadian fleabane, Cape tulip, castor oil plant, catsear, charlock, chicory, clovers, combind, crosses, cutweed, dandelion, dove's foot, fathen, field bindweed, field cress, foxglove, goat's rue, greater bindweed, groundsel, hawkbit, hawksbeard, hawkweed, hedge mustard, hemp nettle, hoary cress, horshound, marsh cress, Mexican devil, mint weed, monkey musk, mouse-ear chickweed, nettles, oxtongue, parsley dropwort, penny cress, pipirini, plantains, poplars, poroporo, ragwort, red dead-nettle, redroot, rushes (leafless), sethead, shepherd's purse, silver poplar, Spanish heath, storkbill, tansy, teasel, thistles (nodding, scotch, variegated, walled, winged), twin cress, vetch, wart cress, wild carrot, wild mustard, wild pansy, wild radish, wild turnip, willows, willow weed, wineberry.

**Weeds controlled as seedlings only:** Cape weed, creeping mallow, cut-leaved geranium, daisies, docks, fennel, fumitory, inkeweed, lupin, Onehunga weed, wild portulaca, spurrey, storkbill, tui, viper's bugloss.

**Relay Super S does not control:** Barberrry, bracken, chamomile, chickweed, cleavers, grasses, hawthorn, hydrocotyle, slinking mayweed, oxalis, prostrate amaranth, parsley piert, pearlwort, sorrel, stageweed, stonecrop, tutsan, and many semi-woody species after the seedling stage.

**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.**

**Directions For Use:**  
**Established pastures and waste areas:** Apply 750ml - 3L/ha. Refer to the weeds controlled tables for guidance.

Thistles			
	Rate L/ha	Stage	Notes
Nodding thistle	1.5	Seedlings	Root crowns less than 2cm diameter
	2.0-2.3	Rosettes	Root crown 2-4cm diameter, before flower stalk develops
Scotch thistle	0.75	Seedlings	
	1.5	Rosettes	
Variegated thistle	1.5	Seedlings	
	2.0-2.3	Rosettes	Less than 15cm diameter
Winged thistle	1.5	Seedlings	
	2.0-2.3	Rosettes	Prior to flower stalk development

To improve control of large thistles, or phenoxy resistant thistles add Archer at 100ml/ha. Archer will severely suppress clover growth and clovers may take 6-12 months to recover.

Other Broadleaf Weeds			
	Rate L/ha	Stage	Notes
Annual buttercups, bur medick, catsear, crosses, dandelion, hedge mustard, hemlock, plantains, redroot	0.75	Seedlings	
	1.5	Small rosettes	
Charlock, wild radish, shepherd's purse, wild turnip	1.5	Seedlings	
	2.3-3.0	Small rosettes	
Apple of Peru, Bathurst bur, black nightshade, burdock, creeping mallow, docks, field bindweed, fireweed, fennel, foxglove, hoary cress, nettles, parsley dropwort, storkbill, vetch, wild portulaca, wild carrot, willow weed	2.0-3.0	Seedlings only	Docks: regrowth from root chips is not controlled. Vetch: spray at multiple leaf stage.
	2.0	Seedling	Large rosettes or multicrowns require spot treatment with other herbicides.
3.0	Small rosettes		

Woody and Non-Crop / Pasture Weeds		
	Rate	Notes
Willows	Aerial Spraying: 6L in 200-400L water/ha	Apply in late spring to fully leafed trees. A second treatment may be required 12 months later.
	Gun Spraying: 350ml/100L water	Apply in late spring to fully leafed trees. Ensure complete coverage.
	Stump swabbing or frilling: Use a 1:40 mixture of Relay Super S in diesel or waste oil.	Apply to cut or frilled surface immediately after cutting using a paint brush or knapsack.
Spanish heath	500ml/100L water	Apply to complete coverage during active spring growth.
Cape tulip, goat's rue seedlings, and leafless rushes	3-6L/ha in 300-500L water as an overall boom spray	Treat rushes with the high rate in spring.
Australian sedge	530ml plus 100ml paraquat (25%) / 100L water	Spot spray in the April-November period. Ensure plants are completely wet.

Registered pursuant to the ACVM Act 1997, No. P7630  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions

Approved pursuant to the HSN0 Act 1996, Approval Code HSR000962  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls

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Nufarm Emergency PhoneLink: 0800-651 911 toll free 24 hours

**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.

PROPER SHIPPING NAME			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4-D 68%)			
HAZARD CLASS	UN NO.	HAZCHEM	PACKING GROUP
9	3082	2X	III

Batch No.:  
D.O.M.: