

HARMFUL • ECOTOXIC • CORROSIVE

Keep out of reach of children



sprinterTM
700 DS

Active Ingredient: 700g/litre 2,4-D as the dimethylamine and the monomethylamine salts, in the form of a soluble concentrate

Non-volatile 2,4-D liquid for broadleaf weed control in pasture and cereals

FREE RECYCLING



AGRECOVERY

www.agrecovery.co.nz



L56240213

Net: 20L



HAZARD CLASSIFICATION: 6.1D, 6.5B, 6.8B, 6.9A, 8.3A, 9.1B, 9.2A, 9.3B

APPROVED HANDLER: This product must be under the personal control of an approved handler when it is 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.

HARMFUL

- May be harmful if swallowed, inhaled or absorbed through the skin.
- May cause liver or kidney damage from repeated oral exposure at high doses.
- May cause sensitisation from prolonged skin contact
- May cause reproductive / developmental damage from repeated oral exposure.

CORROSIVE

- Danger – this product is corrosive and may cause eye damage.

ECOTOXIC

- Toxic to aquatic organisms. Do not apply Sprinter 700 DS onto or into water. Avoid contamination of any water supply with empty container.
- 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, use low drift nozzles which minimise the production of small droplets (less than 100 microns).

Application Method	Droplet Size	Reference
Aerial	No finer than coarse	BCPC or ASABE S572
Boom	No finer than medium	BCPC or ASABE S572

Maintain a water rate of at least 30L/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.

- Toxic to terrestrial vertebrates.

HANDLING PRECAUTIONS

STORAGE

- Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds, and fertilizers. Storage must be in accordance with NZS 8409 Management of Agrichemicals.
- Stores containing 100L of Sprinter 700DS require signage, 1000L require secondary containment, and more than 1000L require emergency response plans.

PERSONAL PROTECTION

- Avoid contact with skin or eyes and inhalation of spray mist.
- When handling or if re-entry work is required within 24 hours of application 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. Wash protective clothing daily after work.

EQUIPMENT

- Apply using well maintained spray equipment that is accurately calibrated to apply 100-300L of water/ha for ground spraying and 30-100L of water/ha for aerial spraying. Use higher water rates for larger weeds.

DISPOSAL

- Triple rinse empty container and add rinsate to the 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 spill 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.

CONDITIONS OF SALE:

CAUTION: READ THIS NOTICE BEFORE OPENING THE CONTAINER

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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	HAZARD CLASS	UN No.	HAZCHEM	PACKING GROUP
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4-D 70%)	9	3082	2X	III

Marketed by:
Nufarm Limited
6 Manu Street, Otahuhu,
Auckland, NZ
Telephone 09 270 4157 www.nufarm.co.nz

Registered pursuant to the ACVM Act 1997, No. P8712
See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNO Act 1996, Approval Code HSR100806
See www.epa.govt.nz for approval controls.

Nufarm Emergency Phonenumber: 0800 651 911 toll free 24 hours

Transport: Do not carry this product on a passenger service vehicle.

Record Keeping: Records, as described in NZS 8409 Management of Agrichemicals, must be kept whenever Sprinter 700DS is used.

Mixing: Pour the measured quantity of Sprinter 700DS into the partially filled spray tank and with the agitator running top up with the remainder of the water. Keep agitated during use.

Cleaning: 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 the filters and nozzles and clean them separately. Then flush the system with clean water and allow to drain.

Compatibility: Sprinter 700DS is compatible with most other agricultural chemicals, including Associate®, Archer®, Valdo®, Kamba® and Bonza®.

Resistant Weeds Warning: Resistance to this herbicide could develop from excessive use. To minimise this risk use strictly in accordance with label instructions.

Sprinter 700DS contains a **GROUP 01 HERBICIDE** and belongs to the phenoxy group of chemistry. Sprinter 700DS has the disruption of plant cell growth mode of action. Naturally occurring weed biotypes, resistant to Sprinter 700DS and other phenoxy herbicides, are known to exist. Species with known resistant biotypes include nodding thistle, giant buttercup and slender winged thistle. Resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. Resistant weeds will not be controlled by Sprinter 700DS or other phenoxy herbicides. To prevent or delay the development of resistance use Sprinter 700DS in tank mixtures where appropriate and/or in rotation with herbicides having a different mode of action against the weed.

General Comments:

Sprinter 700DS will control a wide range of pasture weeds, including thistles and ragwort. Weeds are best controlled as small seedlings. Use the lower rate on seedlings and the higher rate on larger weeds, or during periods of hardened growth. Do not apply if crop or weeds are stressed. Weed control may be unsatisfactory where low soil temperatures inhibit plant growth. Larger plants and established biennials are often not well controlled, and perennial plants are not well controlled. Sprinter 700DS is damaging to clovers, especially red, suckling and subterranean clover, and plantain and chicory. To minimize clover damage where clovers are actively growing, hard graze to remove as much clover leaf as possible then leave for a few days to freshen up before spraying.

DO NOT spray hay or silage paddocks. DO NOT apply Sprinter 700DS at more than 3.6 litres/ha or more than once per season.

After spraying with Sprinter 700DS, poisonous plants (e.g. ragwort) may become more palatable. Stock should be kept away from the area until the plants have died down.

Buttercups and thistles are generally better controlled with Agritone® 750. Some weeds (e.g. Californian thistle, bindweed) require repeat applications.

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.

Rainfall within 6 hours of application may reduce effectiveness.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards

Directions for Use:

CROP	RATE L/ha	NOTES
Wheat Barley Millet Ryecorn	1.2-1.8	Apply from 6 leaf stage to jointing (when nodes are visible at the base of the stem). Do not apply to wheat or barley between jointing and flowering. Rapidly growing spring sown cereals should be treated with Agritone 750. Critical comment: Application to crops outside recommended growth stages or crops stressed due to insect damage or moisture stress may cause serious injury including yield loss. Inspect crops before application to check condition and growth stage.
Oats	1.2	Use only on autumn sown oats and treat in the following spring when plants are fully tillered. Use Agritone 750 on spring sown oats.
Pasture	1.8-3.6	Use 1.8L/ha for seedlings and small plants and 3.6L/ha for more mature plants. Treat seedling weeds in late autumn/early winter. Graze area to be treated to expose weeds and reduce clover leaf. Then leave for 1 week to freshen up before spraying. As treated weeds are more palatable to stock, avoid grazing for 7 days after spraying.

Weeds Controlled in Cereals:

At 1.2L/ha – fathen, hedge mustard, nettles, shepherd's purse, wild turnip.

At 1.8L/ha – black nightshade, calandrinia, docks (seedlings), thistles.

Checked at 1.8L/ha – chamomiles, cornbind, regrowth docks, fumitory, spurrey, stinking mayweed, willow weed, wireweed, yarrow, vetch. For best results use an alternative cereal herbicide.

Plant Back Periods: 2,4-D has soil activity which may be exacerbated by dry soil conditions. To ensure that susceptible species (e.g. brassicas, grasses, clovers) are not damaged by 2,4-D soil residues, do not plant for 4 weeks after application.

Aerial Application: Read Spray Drift Hazard section of this label.

High Volume Spot Treatment: Use 580ml/100L water with a pressure of 600-800kPa and a No. 4 tip and apply as a fine wetting spray. Spray marker dye can be used to identify treated plants.

Knapsack: Use 58ml/10L water

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® Sprinter, Archer, Valdo and Bonza are registered trademarks of Nufarm Limited

® Agritone, Kamba, Thistrol and Associate are registered trademarks of Nufarm Australia Limited

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