

WARNING – Combustible Liquid
HARMFUL • CORROSIVE • ECOTOXIC
Keep out of reach of children

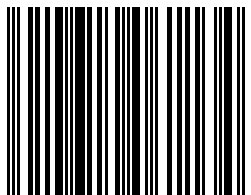
Nufarm
seQuence[®]
H E R B I C I D E

**Active Ingredient: 240g/litre clethodim in
the form of an emulsifiable concentrate.**

**A selective post-emergent herbicide for grass weed
control in fodder beet, sugar beet, orchards and
vineyards, broadleaf crops and forestry.**

 **AGRECOVERY**

www.agrecovery.co.nz



9 414614 061134 >

Net: 20 Litres

01-19/PS/A00611-20LNZ1.2

 **Nufarm**
Grow a better tomorrow

HAZARD CLASSIFICATION:

3.1D, 6.1E, 6.3A, 8.3A, 6.9B, 9.1C, 9.2A, 9.3C

This product must not be used for any purpose, or in any manner, contrary to this label unless authorized under appropriate legislation.

APPROVED HANDLER

This product must be under the control of an approved handler when it is applied in a wide dispersive manner or used by a commercial contractor.

TOXICITY

• Harmful – May be harmful if swallowed, inhaled or absorbed through the skin. May cause skin irritation. May cause liver damage from repeated oral exposure at high doses.

CORROSIVE

• Danger – may cause eye damage

FLAMMABLE

• Warning - Combustible liquid. Keep away from sources of ignition.

ECOTOXIC

• Harmful to aquatic organisms with long-lasting effects. Avoid contamination of any water supply with product or empty container.

• **Selective herbicide** – Very toxic to some plant species. Do not allow drift to occur outside the target area.

HANDLING PRECAUTIONS**STORAGE**

- Do not store near heat or flame.
- Store in original container tightly closed and in a locked, dry, cool area away from sources of ignition, seeds, fertilisers and foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals. Do not store with Class 1, 2, 3.2, 4 or 5 substances.
- Stores containing 100 litres are subject to signage, 1000 litres of Sequence require secondary containment and more than 1000 litres require emergency response plans.
- Stores containing more than 500 litres of Sequence must have at least 2 fire extinguishers.

PERSONAL PROTECTION

- Avoid skin and eye contact and inhalation of spray mist.
- When mixing or applying wear eye protection, chemically resistant gloves and boots, and overalls.
- Remove protective clothing and wash hands and face thoroughly before meals and after work.

EQUIPMENT

• Apply using well maintained spray equipment that is accurately calibrated to apply 100-300 litres of water per hectare. Use nozzles and pressures that produce a droplet size of 150-300 micrometres VMD. Use the high water rate for dense grass infestations.

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 approved landfill. Do not burn.

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 skin, remove contaminated clothing and wash affected areas of skin. DO NOT SCRUB THE SKIN. If concentrate is splashed in eyes flush with running water for at least 15 minutes. If inhaled, remove to fresh air. If breathing is difficult, take to hospital without delay.

Spillage: Extinguish all ignition sources, exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing. 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 more than 1 litre of Sequence on a passenger service vehicle.

Record Keeping: Records of use as described in NZS 8409 Management of Agrichemicals must be kept if using 3 litres or more of Sequence within 24 hours.

Mixing and Compatibility: Half fill the spray tank with the agitator operating and add the required amount of Sequence. Add Bonza and agitate thoroughly, then add the remainder of the water and agitate thoroughly before using. After standing, agitate spray solution well before reusing. Compatible with Nu-Terb® 900WDG, Archer® and Prestige®. Do not apply in combination with other herbicides unless experience shows that efficacy is not affected. Do not apply within 7 days of phenoxy herbicides.

Cleaning Spray Equipment: Before using Sequence: Ensure that the recommended clean-out procedure for the previous product (particularly sulfonyl urea herbicides) sprayed with the equipment was done properly. After using Sequence: Empty the tank and drain the whole system. Thoroughly wash inside the tank using a pressure hose, drain the tank and clean all filters in the tank, pump line and nozzles. Use of a household detergent will aid in cleaning the equipment. Add detergent to the part-filled spray tank and thoroughly circulate through pumps, hoses and nozzles. Drain the system and thoroughly rinse twice with water. Rinse water should be discharged onto a designated disposal area, or if this is unavailable, onto unused land away from desirable plants and water sources

Resistance Management: Sequence is a member of the cyclohexanedione group of herbicides. Sequence has the inhibition of acetyl CoA carboxylase mode of action. For weed resistance management, Sequence contains a **GROUP A HERBICIDE**. Some naturally occurring weed biotypes resistant to Sequence and other Group A Herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Sequence or other Group A Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Nufarm Limited accepts no liability for any losses that may result from the failure of Sequence to control resistant weeds. To prevent or delay the development of resistance, use Sequence in tank mixtures where appropriate, and/or in rotation with herbicides having a different mode of action against the weed. Refer to www.resistance.nzpps.org for further information.

DIRECTIONS FOR USE: UNLESS OTHERWISE STATED ALWAYS APPLY SEQUENCE IN TANK MIXTURE WITH BONZA AT 1L/ 100L SPRAY MIXTURE (MAX 2L/HA).

For best results apply to young actively growing grass weeds. Do not apply to plants under stress from drought or waterlogging.

Use the lower rate on seedling grass weeds (2-5 leaf) or actively regenerating rhizomes, and the higher rate on tillering plants or hardy rhizomatous grasses. On established sod-bound rhizomatous grasses and established turf ryegrass in non-cultivated crops, suppression only may be obtained.

On crops which have been grazed, remove stock and allow grasses to freshen up for a few days (5-10cm new growth) before treating.

To minimise any possible crop damage, avoid spray overlaps.

Sequence is considered to be rainfast if applied at least one hour before rainfall.

Crop	Critical Comments
White clover seed	Apply after closing up, to control annual and perennial ryegrass.
Legume feeds (e.g. lucerne, lupins, clover, lotus, trefoil)	To control annual and perennial ryegrass and other grass weeds.
Fodder beet, sugar beet	To control annual and perennial ryegrass and other grass weeds. Apply when grass seedlings are small (typically 6-8 weeks after sowing) and before canopy closure. Always tank mix with Bonza at 500ml/100L (Max 1L/ha). Do not apply in tank mixture with other agrichemicals unless crop safety is known. Apply during cool conditions in the morning or evening, especially when tank mixing with other agrichemicals. Ensure thorough cultivation prior to sowing and do not use more than 2.0 L/ha.
Fodder brassicas	Apply when grass seedlings are small (typically 3-6 weeks after planting) and well before canopy closure. If tank mixing Sequence + Bonza + broadleaf herbicides (eg Prestige) and/or insecticides (eg Attack), use Bonza at 500ml/100L (max 2L/ha) and apply during cool conditions in the morning or evening.
Forage herbs (e.g. plantain, chicory)	To control annual and perennial ryegrass and other grass weeds. Do not apply Sequence to plantain seed crops after flower heads are first visible in the base of the plants.
Orchards and vineyards	To control actively growing grass weeds. Apply as a directed spray to the base of the trees or vines to avoid fruit contact.
Vegetables	To control actively growing grass weeds. Do not apply more than 1L/ha. Crop safety has been demonstrated on onions, carrots and lettuce. Where crop safety is unknown, a small area should be treated before widespread application. NB: Asparagus - DO NOT apply during the cutting period.
Peas, lentils, oilseed rape	To control wild oats. Apply 0.25L/ha when the majority of oats are in the 2-5 leaf growth stage. A temporary effect on leaf colour and sheen may occur in peas. This does not affect crop vigour or yield.
Forestry (Radiata pine, Macrocarpa, Douglas fir)	Do not exceed 1L/ha. Tree release – Spot treatment: Use 3.5ml Sequence per litre of water. Apply 20ml spray solution per square metre. To control broadleaf weeds and for residual control, apply in combination with Nu-Terb 900WDG at recommended label rates.

Registered pursuant to the ACVM Act 1997, No. P8239

See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSN0 Act 1996, Approval Code HSR100460

See www.epa.govt.nz for approval controls

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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.

Marketed by Nufarm Limited

6 Manu St, Otahuhu, Auckland, NZ

Telephone 0-9-270 4157

www.nufarm.co.nz

Nufarm Emergency Phonenumber: 0800 651 911 toll free 24 hours

Batch No:

D.O.M.

GRASSES CONTROLLED AND RECOMMENDED USE RATES

Grass Species	Rates (Litres/ha)
Wild oats, annual and perennial ryegrass, cocksfoot, barnyard grass, summergrass, floating sweet grass, canary grass, bristle grass, volunteer cereals, (NB: Turf ryegrasses and tillered cereals will only be suppressed at these rates).	0.25 – 0.5
Annual poa, smooth witchgrass, soft brome, phalaris, tall fescue, prairie grass, rigput brome, brown top, barley grass. NB: Chewings fescue, Yorkshire fog and hairgrass will be suppressed but not controlled at these rates.	0.5 – 1.0
Couch, paspalum, Indian doab	2.0 - 3.0

WITHHOLDING PERIOD: Vegetable crops - 5 weeks.

Legume crops, forage herbs, fodder brassica crops -

3 weeks. Fodder beet, sugar beet – Do not graze or

harvest for stock food for 9 weeks after treatment.

Grapes- Do not apply after the start of flowering.

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.