

**TOXIC • CORROSIVE • ECOTOXIC**

**KEEP OUT OF REACH OF CHILDREN**

**Nufarm**

**Stabilan®**

**750SL**



Active ingredient: 750g/litre chlormequat-chloride  
in the form of a soluble concentrate.

**A plant growth regulator for use on wheat,  
oats and perennial ryegrass seed crops**

**Net: 20 Litres**



09-16/PS/0251-20LNZ1.2



**Grow a better tomorrow.**

Stabilan 750 SL is absorbed by the leaves and acts on the developing stem, shortening and thickening the internodes. This can reduce the risk of stem break and lodging, improve uniformity of crop development and reduce eyespot susceptibility. In intensive cereal growing it allows for optimum use of nitrogen fertilizers. Leaf area is increased and colour enhanced. Stabilan 750 SL can promote root growth and the number of fertile tillers, which may increase yield even in the absence of lodging. Response to Stabilan 750 SL may vary with variety, but a height reduction of 20% is typical.

**DIRECTIONS FOR USE:**

**Timing:**

Only use Stabilan 750 SL on crops which are growing satisfactorily, without stress and under fertile conditions. Time of application is very important. Stabilan 750 SL should be applied as close as possible to the earliest recommended timing. Application at early growth stages may be less effective if unfavourable weather after spraying slows down plant growth. Application after the second node is detectable is too late and little or no effect will be observed.

Correctly determine the cereal growth stage by selecting 10 plants to be random across the field. It is necessary to split tillers to determine the presence of the first node (GS31). When done by "feel" only, what appears to be the first node is actually closer to second node detectable (GS32) stage. At Zadoks GS31 the head will be visible above the third node, the third and second nodes will be a few millimeters apart, and the second and first nodes MUST be less than 2cm apart. (Refer to FAR Arable Update Cereals No 132 (Aug 2003) for a precise description of Zadoks growth stages).

**Application:**

- Water rates
  - Ground spraying: Apply in 200-350 litres of water/ha.
  - Aerial application: Use 25 – 60litres water/ha.
 Results may be less effective than ground spraying.
- Wetting Agent: Use Contact Low Foam at 25ml/100 litres of spray mix when applying Stabilan 750 SL alone. Wetting agent is not normally required when tank mixing with other materials.
- Rainfastness: At least 6 hours and preferably 24 hours is required before rainfall.
- Do not apply Stabilan 750 SL to very late sown spring wheat or spring oats.
- Do not apply to under fertilized crops or crops growing under stress.
- Do not apply under windy conditions as spray drift may affect other crops.
- Do not apply Stabilan 750 SL if night frost is expected.

**Use Rates:**

Crop	Notes	Use Rate	Timing of Application
Wheat Oats	As a management tool where higher nitrogen rates or higher seeding rates are used and to promote drought resistance	1L/ha	Wheat: Apply between the leaf sheath erect stage, and just prior to the 1 <sup>st</sup> node detectable stage (Zadoks GS30-32).
	On heavy soils or where eyespot protection is required. N.B. Where eyespot is a problem then a specific eyespot fungicide should also be applied.	2L/ha N.B. Domino wheat is known to be sensitive to chlormequat and crop yellowing may occur. Do not exceed 1L/ha	Oats: Apply when the majority of tillers are at the second node just detectable stage (Zadoks GS32).
Perennial ryegrass seed crops	To promote seed yield by synchronizing tiller growth and development, and increasing tiller survival	4L/ha	Apply immediately when first swelling at the base of the stem is detectable, (double ridge stage) between spikelet and floret initiation (after the crop is closed). This is early to mid September in most seasons and districts. This treatment will not provide lodging protection.

**Undersown Crops:**

Stabilan 750 SL may be safely used on wheat and oats undersown with grasses and clovers.

**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:**

For ryegrass seed crops remove stock before treatment. Do not graze for 42 days after application.

Registered pursuant to the ACVM Act 1997 No. P7292

See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Approved pursuant to the HSN0 Act 1996 Approval Code HSR000758

See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

**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  
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Nufarm Emergency phonenumber: 0800 651 911 toll free 24 hours

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Batch No:

D.O.M.:

PROPER SHIPPING NAME	HAZARD CLASS	UN NO.	HAZCHEM	PACKING GROUP
CORROSIVE LIQUID, N.O.S. (chlormequat chloride 75%)	8	1760	2X	III

**HAZARD CLASSIFICATION**

6.1C, 6.9B, 8.1A, 9.1D, 9.3B

**APPROVED HANDLER**

This product must be under the control of an approved handler, or secured.

**TRACKING**

Location and movement of this product must be recorded at each stage of its lifecycle.

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

**TOXIC**

- Toxic - may be fatal if swallowed, inhaled or absorbed through the skin. May cause organ damage from repeated oral exposure at high doses.

**CORROSIVE**

- Warning – This product is corrosive to metal.

**ECOTOXIC**

- Harmful to aquatic organisms. Avoid contamination of any water supply with chemical or empty container.
- Toxic to terrestrial vertebrates

**HANDLING PRECAUTIONS**

**Storage:**

- Store in original container, tightly closed, and in a locked, dry, cool area away from foodstuffs. Store in accordance with NZS8409 Management of Agrichemicals.
- Stores containing 100L Stabilan 750SL require secondary containment, more than 100L require emergency response plans and 1,000L require signage.

**Personal Protection:**

- When mixing or applying 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 accurately calibrated and well maintained equipment.

**Disposal:**

- Triple rinse empty container and add rinsate to spray tank. Otherwise crush and bury in a suitable landfill.
- Dispose of product only by using according to label, or at an approved 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.

**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 detergent 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 the NZS8409 Management of Agrichemicals must be kept for 3 years.

**Compatibility and Mixing:**

Stabilan 750 SL is compatible with most herbicides and fungicides. Where new products and cultivars are used testing on a small scale is advised. If in doubt use Stabilan 750 SL alone. Avoid mixtures of Stabilan 750 SL with liquid fertilizers (especially N fertilizers) as they may cause crop scorch. Do not tank mix with cyanazine.

With the agitator operating, add the correct amount of Stabilan 750 SL to clean water in the half filled spray tank. Continue agitation while adding the remainder of the water. Agitate during use and re-agitate thoroughly after a stoppage.