

DANGER
KEEP OUT OF REACH OF CHILDREN
READ LABEL BEFORE USE

 **Nufarm**

**NAIL**[®]**600**
EC

ACTIVE INGREDIENT:

600g/L CARFENTRAZONE-ETHYL

Also contains 20-40% N, N-dimethyl C8-C10 alkylamides.

IN THE FORM OF AN EMULSIFIABLE CONCENTRATE.

For use in mixtures with systemic and knockdown herbicides to improve the range of weeds controlled and the speed of knockdown and also for desiccation of seed potato haulms.

Contents:

500 ML

FREE RECYCLING



AGRECOVERY

www.agrecovery.co.nz



9 414614 060618

04-19/PS/A00606-500mlNZ1.2



Nufarm

Grow a better tomorrow

NAIL 600 EC

PEEL
HERE

HAZARD CLASSIFICATION: 3.1D, 6.1C, 6.3A, 6.4A, 6.7B, 6.9B, 9.1A, 9.2A, 9.3C



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

FLAMMABLE: Warning - combustible liquid. Keep away from sources of ignition.

TOXICITY: Warning - may be harmful if swallowed or inhaled. Toxic in contact with skin. Causes skin and serious eye irritation. Suspected of causing cancer. May cause liver damage from repeated oral exposure.

ECOTOXIC: Very toxic to aquatic organisms with long lasting effects. Do not apply into or onto water. Avoid contamination of any water supply with chemical or empty container.

Very toxic to the soil environment. Selective herbicide - very toxic to some plant species. **Beware: Spray drift hazard. Apply this product carefully. Certain plants may be killed or damaged from contact with this product.** Do not allow spray drift to occur outside the target area.

Harmful to terrestrial vertebrates.

HANDLING PRECAUTIONS: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. The person mixing or applying Nail 600EC must be a "Qualified Contractor" or a "Qualified Person". The spray mixture may also be prepared by a "Qualified Loader".

STORAGE: Store locked up, in original container tightly closed, in a well-ventilated area, as cool as possible, away from sources of ignition and foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals away from combustible materials. Stores containing 100 litres of Nail 600EC require secondary containment and signage and more than 100 litres require emergency response plans.

PERSONAL PROTECTION: When handling wear eye protection, waterproof gloves, boots and overalls. Do not eat, drink or smoke while using. Do not breathe dust, mist and spray. Take off contaminated clothing and wash before re-use. Wash hands and face thoroughly after handling.

EQUIPMENT: Apply using accurately calibrated and well maintained equipment. Thoroughly decontaminate equipment after use.

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 approved landfill.

First Aid: If medical advice is needed, have the product container or label at hand. If swallowed contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. **IF ON SKIN:** Wash with plenty of soap and water. Call a doctor if you feel unwell. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice. **IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing. Begin artificial respiration if breathing has stopped. Get medical advice if you feel unwell.

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.

Transport: Do not carry Nail 600EC on a passenger service vehicle.

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

Registered pursuant to the ACVM Act 1997, No. P9630

See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSN0 Act 1996, Approval Code HSR101344. See www.epa.govt.nz for approval controls.

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® Pettoil is a registered trademark of Etec Crop Solutions

BN

DOM

04-19/PS/A00606-500mlNZ.2

Resistant Weeds Warning: Nail 600EC is a triazolinone [GROUP E] HERBICIDE. Some naturally occurring individual weeds may become resistant when excessive use of the same herbicide occurs. To prevent or delay the development of resistance use Nail 600EC in tank mixtures where appropriate and/or in rotation with herbicides having a different mode of action. Consult www.resistance.nzpps.org/ for alternative modes of action, and the details of resistance management strategies (if any).

Record Keeping: Records of use as described in NZS8409 Management of Agrichemicals must be kept.

GENERAL INFORMATION

Nail 600EC is a fast acting contact herbicide and aids in the control of weeds through a process of membrane disruption. Applications should target small actively growing weeds. Subsequent germinations will not be controlled.

Nail 600EC is rapidly absorbed through the foliage and green stems of plants. Within a few hours following application, the foliage of susceptible weeds show signs of desiccation and in subsequent days necrosis and death of the plant.

Nail 600EC can be added to contact and systemic herbicides to speed up knockdown and improve the control of certain broadleaf weeds and also for the desiccation of potato haulms.

Environmental conditions e.g. temperature and moisture, soil conditions and cultural practices may affect the activity of Nail 600EC. Under warm moist conditions, herbicide symptoms may be accelerated. Under very dry and cold conditions the expression of herbicidal symptoms is delayed, and weeds hardened off by drought are less susceptible to Nail 600EC.

CLEANING AND DECONTAMINATION OF EQUIPMENT AFTER USE

Nail 600EC is a very sticky product that will adhere to tank walls and may therefore cause crop damage if not fully removed before using sprayers for selective weed control or the application of fungicides, insecticides etc. After spraying with Nail 600EC add 500ml All-Clear® per 100 litres of water or Nufarm's Tank and Equipment Cleaner @ 480g-1200g in 200-500L of water and circulate through the spray tank and all spray lines. Allow to stand for at least 15 minutes, then empty the tank by spraying out through the boom or gun. Should small

quantities of Nail 600EC remain in inadequately cleaned mixing, loading and/or spray equipment, they may be released during subsequent applications potentially causing effects to sensitive crops and other vegetation. To ensure removal of residues allow All-Clear mixture or Nufarm's Tank and Equipment Cleaner to stand overnight in lines and tank. This applies particularly to aged and perished spray hoses and lines. This treatment can remove any residues of Nail 600EC in the spray rig. **Do not** apply the sprayer cleaning solution or rinsate to sensitive crops.

DIRECTIONS FOR USE

The maximum application rate for Nail 600 is 100ml/ha (equivalent to 60g of carfentrazone-ethyl/ha), with a minimum application interval of 7 days. This substance may be applied by ground-based methods only.

Mixing and Compatibility: Half fill the spray tank with water and start agitation. Add the required amount of Nail 600EC followed by the required amount of partner herbicide. Add the remaining water and continue agitation until spraying is complete.

Mix only sufficient chemical for each day use and avoid storing overnight.

Nail 600EC should not be applied in spray mixtures that have a pH below 5 or above 8. LI700®, or a suitable alternative, may be added to acidify high pH water, to aid in drift control and to improve efficacy in many situations.

Application: Nail 600EC can be applied in combination with a companion herbicide through any conventional spray equipment that does not produce off target spray drift. Apply in sufficient water to obtain complete coverage of all parts of the weeds.

Do not apply within 1 hour of rainfall or irrigation.

Compatibility: For most weed control uses, Nail 600EC should be tank mixed with other herbicides including any WeedMaster® formulations or other glyphosate products Gramoxone®, Biffo®, amitrole and other herbicides. Follow all precautions for use on the companion product label.

Spray Drift Management:

Nail 600EC is a contact herbicide and may cause damage if off target drift occurs. The substance must not be applied when wind speeds are less than 3km/hr or more than 20km/hr at the application site.

Do not allow drift on to crops as “spotting” in the form of brown pin spots (drifted fines) or brown blotches (drifted large droplets or spray) can occur. Follow all precautions on this label to minimise off target drift. Drift management is the responsibility of the applicator. Guidelines to manage spray drift include:

- Apply through a calibrated sprayer with correct nozzles and spacing. Use the lowest boom height possible appropriate to the target plant size.
- Use the nozzle pressure recommended to produce a medium to large droplet size.
- If flat fan nozzles are to be used, the addition of LI700, or a suitable alternative, may help minimise production of fine droplets
- Apply under good conditions (not too windy or dead calm).

SITUATION	RATE
<p>General weed control and ground preparation pre-planting of crops or pasture.</p> <p>Post cropping clean-up sprays</p> <p>General weed control in industrial and commercial situations</p>	<p>Broadcast application: Apply 20-40 ml/ha in mixture with the recommended label rates of WeedMaster, Biffo or other products based on amitrole or glyphosate.</p> <p>Spot spraying: Apply 4ml/100L plus the recommended label rate for spot spraying of the partner herbicide.</p> <p>LI 700, or a suitable alternative, may be added at 250-500ml/100L to aid with drift control</p>
<p>Seed potato haulm desiccation</p>	<p>Apply 100ml/ha plus 1L Peptoil®/ha in sufficient water to achieve complete foliage and stem coverage.</p> <p>The addition of Contact® Xcel non-ionic surfactant at 25ml/100L of spray mix is recommended.</p>

COMMENTS
<p>DO NOT apply after seeds have been sown. The addition of Nail 600EC to other herbicides will increase the speed at which treated broadleaved weeds develop visible symptoms and may improve the final control of broadleaved weeds including certain hard-to-kill weeds, in particular mallows. Use the lower rates on young plants or plants growing under good conditions and the higher rates on older plants or plants growing under less optimum conditions. The lower rate may only provide suppression of some broadleaf weeds – older or stressed plants may not be adequately controlled.</p> <p>Application to hardened weeds or drought stressed weeds especially under summer conditions may cause only localised injury to weed foliage which may not enhance final weed control. Mallow growing and sprayed in the summer is especially prone to drought stress and may either not show symptoms typical of Nail 600EC or may regrow following treatment although plants did not appear very stressed at application. Apply only as a tank mix with recommended rates of knockdown herbicides. Refer to the appropriate label for weed sizes and follow all label directions.</p> <p>DO NOT use Nail 600EC plus WeedMaster (or other glyphosate products) on chicory as the rapid brown-out may reduce the efficacy of the glyphosate, and make the crop unpalatable to stock. When using Nail 600EC as a spot spray, apply in sufficient water to thoroughly wet all weed foliage to the point of run-off.</p> <p>Beware: Toxic weeds may become more palatable after spraying with partner products and Nail 600EC may concentrate this effect.</p> <p>Nail 600EC is most active on the stems of potatoes but may be applied to foliage of potatoes in the later stages of senescence to provide desiccation of potato foliage and vines. A second application after 7 days may be required on vigorous varieties eg. Ilam Hardy. If the crop is in the active vegetative growth stage when desiccation is initiated first destroy the foliage mechanically or with a knock down desiccant such as Desiccate® II or Reglone®. Apply Nail 600EC 7 days later ensuring thorough coverage of the stems. A second application at 7-14 days may be required on vigorous varieties eg. Ilam Hardy.</p>

WITHHOLDING PERIODS:

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.

Seed potatoes:	14 days. Do not spray crops with exposed tubers.
General weed control:	Not required. However, grazing too early after application may result in reduced weed control. Observe the recommendations and withholding periods of partner.

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.

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NAIL 600^{ec}

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