FINALSAN®

MAPP 13102

GROUP 0 HERBICIDE

A non-selective emulsifiable concentrate herbicide containing 186.7 g/L (18.9% w/w) pelargonic acid with pure contact action on all green plant parts against annual and perennial monocotyledonous weeds, dicotyledonous weeds, mosses and algae. It is intended to be used on paths and around trees and ornamental plants, on decorative lawns and turf, in orchard crops (around pome fruit, stone fruit, soft fruit) and vineyards, as well as pre-emergence and pre-planting of various vegetable crops.

FINALSAN UFI RYDR-R03C-CQ0R-4GXK

An emulsifiable concentrate herbicide containing 186.7 g/L pelargonic acid.



WARNING

H319 CAUSES SERIOUS EYE IRRITATION

P280 Wear face protection.
P264 Wash hands thoroughly after handling.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists, get medical advice/attention.

EUH401 To avoid risks to human health and the environment comply with the instructions for use.

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE, ALGICIDE AND MOSSKILLER

Crops/situations	Maximum individual dose	Maximum number of treatments	Latest time of application	Other specific restrictions
See full details within the attached leaflet				

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

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HERBICIDE H

Net content

10L

READ CAREFULLY BEFORE USE

PROTECT FROM FROST

Production date /
Batch number:see packaging

For advice on medical emergencies, fires, spillages or chemical hazards ONLY – phone Carechem 24 EU: +44 (0)1235 239670

For technical and non-emergency calls phone +44 (0)845 373 0305

SAFETY PRECAUTIONS applicable to the correct use of this product are detailed within the attached leaflet.

Authorisation Holder:
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GROWING TOGETHER

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IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE, ALGICIDE AND MOSSKILLER

Crops/situations	Maximum individual dose (ml product/m²)	Maximum number of treatments (per year)	Latest time of application
Natural surfaces not intended to bear vegetation	17 ml product/m²	8	
Amenity vegetation, amenity grassland, ornamental plant production	17 ml product/m²	4	
Managed amenity turf	17 ml product/m²	1	
Around crops of: **Tree nuts:** almond, chestnut, hazelnut and walnut. **Pome fruit:** apple, pear, quince and medlar. **Stone fruit:** apricot, cherry, plum, peach and nectarine. **Table and wine grapes** **Strawberries** **Bush/small fruit:** bilberry, blueberry, cranberry, elderberry, mulberry, gooseberry, blackcurrant and redcurrant and rose hips. **Cane fruit:** blackberry, loganberry, *Rubus* hybrids and raspberry.	17 ml product/m²	4	
Pre-germination and pre-planting of: **Root and Tuber Vegetables:** Carrot, celeriac, horseradish, Jerusalem artichoke, parsley root, parsnip, potato, radish, red beet, salsify, swede, sweet potato and turnip. **Bulb Vegetables:** bulb onion, garlic, shallot and salad onion. **Fruiting Vegetables:** Aubergine, courgettes and summer squash, cucumber, gherkin, melon, okra, pepper and chilli, sweetcorn, tomato, watermelon, winter squash and pumpkin.	8.3 ml product/m²	4	Pre crop emergence/ pre planting
Brassica Vegetables: Broccoli/ calabrese, Brussels sprout, cauliflower, choi sum, kale, kohlrabi, oriental cabbages, cabbage and collard. **Leafy vegetables:** Baby leaf crops, cress, endive, lamb's lettuce, land cress, lettuce, purslane, red mustard, rocket, spinach and spinach beet. **Fresh herbs:** Angelica, balm, basil, bay, caraway leaves, chervil, chives, coriander leaves, dill leaves, edible flowers, fennel leaves, herb- other (outdoor), hyssop, lovage leaves, marjoram, mint, oregano, parsley, rosemary, sage, salad burnet, savory, sweet cicely, tarragon and thyme. **Stem Vegetables:** Asparagus, cardoon, celery, Florence fennel, globe artichoke leek, rhubarb and seakale. **Tea and herbal infusions:** Tea (*Chamelia sinensis*), Chamomile, Hibiscus flowers, Jasmine Flowers, Rose petals, lime flowers, strawberry leaves, ginkgo, valerian, Mallow and Ginseng.	8.3 ml product/m²	4	Pre crop emergence/ pre planting

Other specific restrictions

Applications must only be made between 1st May and 1st September.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

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THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK.

SAFETY PRECAUTIONS

Operator Protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:
WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.
However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.
Avoid contact with eyes.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
When using do not eat, drink or smoke.

Medical Advice

If swallowed seek medical advice immediately and show this container or label.

Environmental Protection

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.
To protect aquatic organisms, respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.
DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application.

DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1 m of the top of the bank of a static or flowing water body. Aim spray away from water.

LERAP B

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

RISK TO NON-TARGET INSECTS OR OTHER ARTHROPODS. See directions for use.
Dangerous to bees. To protect bees and pollinating insects do not apply to crop plants when in flower. Do not use where bees are actively foraging. Do not apply when flowering weeds are present.

Storage and Disposal

Keep out of reach of children.
Keep away from food; drink and animal feeding stuffs.
Protect from frost.
Keep product in original container tightly closed in a safe place.
Do not empty into drains. Dispose of this material and its container via a licensed hazardous waste disposal contractor or special waste collection point.

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the product label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

Restrictions

Do not direct spray or allow spray to drift onto cultivated plants as FINALSAN destroys all green plant parts. Therefore, a spray shield should be used for application to avoid contact with leaves or fruits of cultivated crops.

To protect aquatic organisms do not apply this product until weeds have established and ground cover has reached approximately 25%.

At temperatures below 15°C the effect can be lessened. Rainfall within less than 12 hours after treatment may impair the effect of the product

Avoid spraying/application within 5 m of the field boundary to reduce effects on non-target insects or other arthropods.

Weeds controlled

FINALSAN is a herbicide with foliar activity against a broad range of weeds. Good spray cover of the weeds is essential. FINALSAN is most effective against small actively growing weeds. In efficacy trials control of the following weeds was achieved: common dandelion, greater plantain, annual meadow grass, deadnettle, common chickweed, creeping thistle, knotgrass, mosses and algae.

FINALSAN does not possess a long-term effect, i.e. re-emergence o affected weeds may occur. Therefore, repeated applications in 2 to 4 week intervals are necessary during the course of one vegetation period. FINALSAN may not give long term control of mosses. Furthe treatments may be necessary in future seasons where there are heav moss infestations, or if moss returns, in a programme with other cultural methods of moss control.

The product can be used under shrubs and trees because it doesn´t harm the woody parts of the plants.

Some transient scorch or bleaching and reduction in the growth of treated areas of turf is likely following application of FINALSAN. To avoid unnecessary damage use spot treatments of infested areas only. Do not apply to grass suffering from drought, during freezing conditions or when rain is imminent. Do not cut grass for one day after treatment.

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Crop Specific Information

Fields of application/Crops	Maximum individual dose	Spray solution	Maximum number of applications/year	Latest time of application/Remarks
Annual and perennial mono- and di-cotyledonous weeds on paths and open areas with tree growth	17 ml product/m²	100 ml/m²	8	During vegetation period; up to the 10 leaf stage (e.g. dandelion) and/or up to a height of 10 cm (e.g. grasses)
Annual and perennial mono- and di-cotyledonous weeds in woody and non-woody ornamentals	17 ml product/m²	100 ml/m²	4	During vegetation period; up to the 10 leaf stage (e.g. dandelion) and/or up to a height of 10 cm (e.g. grasses)
Algae and mosses on paths and open areas with tree growth	17 ml product/m²	100 ml/m²	4	During vegetation period
Mosses in decorative lawns and turf	17 ml product/m²	1 L/m²	1	During vegetation period
Pome fruit, Stone fruit, Soft fruit (see full list of crops in important information box)	17 ml product/m²	100 ml/m²	4	During vegetation period up to the 10 leaf stage (e.g. dandelion) and/or up to a height of 10 cm (e.g. grasses). If a horizontal boom sprayer is used, only 50% of surface area must be treated.
Vineyard, table and wine grapes	17 ml product/m²	100 ml/m²	4	During vegetation period up to the 10 leaf stage (e.g. dandelion) and/or up to a height of 10 cm (e.g. grasses). If a horizontal boom sprayer is used, only 50% of surface area must be treated
Pre-germination and pre-planting of Root and Tuber Vegetables, Bulb Vegetables, Fruiting Vegetables, Brassica Vegetables, Leafy Vegetables. Fresh Herbs, Stem Vegetables, Tea and Herbal infusions	8.3 ml product/m²	50 ml/m²	4	Pre crop emergence or pre-planting

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Mixing and Spraying

In areas of hard water, FINALSAN should be diluted with rain or soft water.

Apply through a conventional sprayer fitted with a spray shield to prevent drift onto neighbouring plants. Except for use against mosses in decorative lawns and turf, where a watering can shall be used. All application equipment must be thoroughly cleaned with water prior to storage or use on another crop.

Compatibility

The product has good compatibility with most surfaces. In single cases residues on pavements and synthetic resins may rest. For this reason check compatibility in advance. Avoid contact with copper, zinc and brass.

This section is not part of the Product Label under the Control of Pesticides Regulations 1986 or the Plant Protection Products Regulations 1995 (as appropriate) and that it provides additional advice on product use at the discretion of the applicant.

CONDITIONS OF SUPPLY: The seller warrants that the goods shall at the time of delivery to the Buyer conform to the Seller's standard specification but all other conditions and warranties, whether express or implied by statute or custom of the trade or otherwise and whether as to condition, quality, performance, merchantability, fitness for any purpose or otherwise, are expressly excluded and, subject as aforesaid, the Seller shall be under no liability whatsoever, in contract or in tort, for or in respect of any loss or damage whatsoever resulting from or arising out of the goods or supply or use thereof, whether caused by the negligence of the Seller or otherwise. The Seller shall be under no liability in respect of the warranty given above unless the Buyer allows the Seller reasonable opportunity of inspecting the goods where practicable. A consumers statutory rights are not affected.

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:
WEBLINK to specific data sheet on manufacturer's website:

https://certisbelchim.co.uk/pdf/MSDS/Finalsan_MSDS.pdf

Alternatively, contact your supplier.