KARMA®

GROUP UN FUNGICIDE

MAPP 16363/PCS 05116

A water soluble powder (SP) containing 850 g/kg of potassium hydrogen carbonate for the useful control of apple scab.

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

SAFETY PRECAUTIONS

Environmental Protection

DO NOT CONTAMINATE SURFACE WATER OR DITCHES with chemical or used container.
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).

Storage and Disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
KEEP OUT OF REACH OF CHILDREN.
KEEP IN ORIGINAL CONTAINER tightly closed in a safe and dry place.
EMPTY CONTAINER COMPLETELY and dispose of safely.

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL AGRICULTURAL/ HORTICULTURAL FUNGICIDE

Crops	Maximum individual dose	Maximum number of treatments	Latest time of application
Apple, Tree nursery of Apple	5 kg product per hectare	Eight per crop	One day before harvest

Other specific restrictions: None

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.

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.

KARMA is a water soluble powder (SP) containing 850 g/kg of potassium hydrogen carbonate for control of apple scab.

Crop	Disease	Dose rate	Maximum application number	Recommendations
Apple	Apple Scab	5 kg/ha	8	Apply preventively, then repeat applications every 7 to 10 days as required. KARMA may be applied to crops anytime from first contamination, until one day before harvesting (BBCH 07-91)
Tree nursery of apple	Apple Scab	5 kg/ha	8	Apply preventively, then repeat applications every 7 to 10 days as required. KARMA may be applied to crops anytime from first contamination, until one day before harvesting (BBCH 07-91)

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FUNGICIDE

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Net content

5 kg

READ CAREFULLY BEFORE USE

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

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/Karma_MSDS.pdf

Alternatively, contact your supplier.

Authorisation Holder:
Certis Belchim B.V.
Stadsplateau 16
3521 AZ Utrecht
PO Box 607
3500 Ap Utrecht
Netherlands

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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.

KARMA
A water soluble powder containing 850 g/kg potassium hydrogen carbonate.

Do not breathe dust.
Do not get in eyes, on skin, or on clothing.
Wear protective gloves and clothing.
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for empty, triple rinsed, clean containers which can be disposed of as non-hazardous waste.

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

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Application

Application should be made in at least 400 litres of water per hectare, ensuring adequate coverage of the crop. Apply the recommended dose of KARMA to full height trees typical of UK and Ireland orchards at full canopy density. Where tree height and or canopy density is reduced, the dose (and water volume) should be adjusted in accordance with an appropriate dose adjustment scheme, for example PACE. Consult your specialist advisor for further information. Further information on the PACE scheme is available from HDC, or see the HDC leaflet available also at CRD's website (**http://www.pesticides.gov.uk/HDC.pdf**).
Depending on conditions at the time of application, at high concentrations, some varietal sensitivity may be observed to applications with KARMA in the form of leaf speckling or browning. It is recommended to apply KARMA in at least 400 L of water per hectare and to check varietal selectivity on a small number of plants at least 10-14 days before using for the first time on a large scale. Crop safety on 'Cox' and 'Bramley' has not been established. **Do not apply during the flowering period, on fruits smaller than 10 mm or during the last five weeks before harvesting.**

KARMA can be used on all soil types. Apply the spray mixture to crops during calm weather conditions, not during periods of strong winds. Disease control may be reduced when conditions are very dry or after rain > 20 mm.

Before use ensure that all application equipment is clean. KARMA is highly hygroscopic and may need to be broken up before loading if it has solidified during storage. Add half the required volume of water and start agitation, add the required quantity of KARMA. Fill the tank to the required volume whilst maintaining agitation. It is not necessary to add surfactant or wetting agent. Spray immediately after loading/ mixing. Continuous agitation must be maintained until spraying is complete.

All application equipment must be cleaned with water prior to storage or use on another crop.

Compatibilities

It is recommended not to add the following products or types of products in the spray mixture:

- Adjuvants and/or solvents (risk of phytotoxicity)
- Emulsifiable concentrate (EC) formulations
- Copper (risk of phytotoxicity)
- Acid products (reduced efficacy) or mildly alkaline solutions. The pH of the spray mixture should not be modified
- Soluble fertilizers

Tank-mixtures must conform to the regulations in force and to the recommendations of official good practice guides.

Safety to beneficial organisms used in IPM programmes has not been established and cannot be assumed.

After applications

Clean out the spray equipment immediately after use. Wash your hands.

Resistance management

The properties of the active substance suggest that it has a multi-site mode of action and therefore that the risk of resistance is low. It is recommended that KARMA should be used in spray programmes with other suitable scab fungicides with alternative modes of action.

Crops for processing

Consult processor before using on any crops for processing.

SPECIMEN

Certis Belchim
GROWING TOGETHER

Marketing Company: **Certis Belchim BV**
Suite 5, 3 Riverside, Granta Park, Great Abington
Cambridgeshire CB21 6AD
Tel: +44 (0)1223 652500 I Email: info.uk@certisbelchim.com
www.certisbelchim.co.uk