

Crown[®] MH
MAPP 18018



A plant growth regulator, soluble concentrate formulation containing 270 g/L maleic hydrazide used to inhibit sprouting in onions and potatoes during storage and to control the growth of volunteer potatoes in succeeding crops.

Batch no:

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:

WASH HANDS/ EXPOSED SKIN before eating and drinking/smoking/after work.

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.

Spray tank cleaning

Wash application equipment thoroughly after use.

Storage and disposal

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

WASH OUT CONTAINER THOROUGHLY, empty washings into the spray tank and dispose of the container safely. Store product in a cool, dry place where it is not exposed to heat.

Crown[®] MH

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TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Collect spillage

Dispose of content/ container to a licenced hazardous waste disposal contractor or collection site except for empty, clean containers which can be disposed of as non-hazardous waste.

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

Contains 1,2-benzothiazol-3(2H)-one. May produce an allergic reaction.

MAPP 18018

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IMPORTANT INFORMATION				
FOR USE ONLY AS A PROFESSIONAL PLANT GROWTH REGULATOR				
Crops/ situations	Maximum individual dose	Maximum total dose	Maximum number of treatments	Latest time of application
Bulb onions	8.9 L/ha	-	One per year	4 days before harvest
Potato	11.1 L/ha	-	One per year	21 days before harvest

Other specific restrictions:

- 1) Do not apply to first year onion sets
- 2) Do not apply to seed potato crops

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.



This label is compliant with the CPA Voluntary Initiative Guidance

Marketed by: Certis



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For technical and non-emergency calls – phone 0044 (0)1223 894261

For advice on medical emergencies, fires, spillages or chemical hazards only – phone 0870 190 6777

Approval holder: Kreglinger Europe n.v., Grote Markt, 7, B-2000 Antwerp, Belgium,

®CROWN is a registered trademark of Kreglinger

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 consumer's statutory rights are not affected.

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.

Purpose:

CROWN MH is a growth regulator which affects cell division, without affecting cell development. As a result, provided that the recommendations are followed, this product can be used for the purpose of inhibiting sprouting in onions and potatoes during storage. CROWN MH helps controlling growth of volunteer potatoes in succeeding crops.

Preparing the spray solution:

Fill the tank of spraying equipment half with water and turn on the agitation system. While the mixture is being agitated, add the required quantity of CROWN MH to the tank and subsequently the rest of the required water. Ensure continuous agitation during spraying.

Mixing with other products- general recommendations:

Do not mix CROWN MH with other growth regulators. When used on onions, absorption can be enhanced by adding a wetting agent.

GENERAL RECOMMENDATIONS

The product should only be applied to healthy plants (i.e. plants without diseases, pests, parasites or suffering drought stress)

The foliage of crops to be treated should be dry.

The best results will be obtained if spraying is conducted under cool conditions, not when the weather is dry and hot.

Do not use the product at temperatures above 25 °C. In the event of high temperatures, postpone application until cooler weather conditions occur, with temperatures below 25 °C and relative humidity of at least 50%.

Do not treat crops grown for seed

BULB ONIONS

Pre-harvest treatment will prevent sprouting in store and enhance their quality.

Application

Apply using 500 to 600 litres of water per hectare for onions.

Timing

Apply CROWN MH when the crop is approaching maturity, from 10% necking until no more than 50% leaf necking (BBCH 47-48) when the foliage is still green.

Cautions

'Spongy' bulbs may result if the spraying timing is not correct. Onions must be in good condition and properly cured if treatment is to be successful. All varieties of bulb onions can be treated. Salad and other types of onions should not be treated. Do not lift onions for at least four days after treatment. Do not spray earlier than 2 weeks before maturity. Do not apply to first year onion sets.

POTATOES

Pre-harvest treatment to second early and main crop ware potatoes will prevent sprouting in store and will help controlling growth of volunteer potatoes in succeeding crops.

Application

Apply using 300 to 600 litres of water per hectare for potatoes.

Timing

Apply CROWN MH from three to seven weeks before haulm desiccation or the beginning of natural senescence (BBCH 43-47). The best result will be obtained from applications at the earlier timing. Apply CROWN MH when sufficient tubers of size greater than 25 mm are present to give a marketable yield. Only tubers larger than 25 mm will continue to grow and result in a marketable yield. Some basal leaves may already be drying off at this stage.

Cautions

Growers should inspect tubers in store regularly and treat with a secondary sprout suppressant at the first signs of sprouting. All the second early and main crop varieties of potato can be treated. Tuber numbers and yield may be reduced if Crown MH is applied too early. Do not treat first early potatoes or potatoes being grown under polythene. Do not apply to potatoes within three weeks of haulm destruction or the onset of natural die back or that are suffering from pest, disease or climatic stress. Only treat healthy, actively growing crops. Do not apply to seed potato crops. CROWN MH should be used on second-early and main crop varieties not being used for seed as part of an integrated programme for the control of volunteer potatoes in succeeding crops.

Material Safety Data Sheet

The material safety data sheet (MSDS) for this product is available on the Certis UK website or by calling the technical helpline number 0044 (0)845 373 0305.

