

FUNGICIDE



Gavel®

MAPP 17586 / PCS 05089

A soluble concentrate containing 100 g/litre imazalil (9.3% w/w) for use as a protectant fungicide on potato for the reduction of silver scurf, gangrene, skin spot and *Fusarium* dry rot on seed potatoes.

Pack size: 5 litres e

Batch no. And date of manufacture – See container

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

SAFETY PRECAUTIONS

Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective clothing:

OPERATORS MUST WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate, handling contaminated surfaces, handling freshly treated material or applying the product.

WORKERS MUST WEAR SUITABLE PROTECTIVE GLOVES AND EYE PROTECTION (GOGGLES) when handling treated seed and contaminated seed sowing equipment.

However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection. IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY with plenty of water and seek medical advice.

AVOID ALL CONTACT WITH SKIN.

TAKE OFF IMMEDIATELY all contaminated clothing.

DO NOT BREATHE SPRAY.

DO NOT HANDLE seed unnecessarily.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

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

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

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.

Consumer protection

DO NOT RE-USE SACKS CONTAINING TREATED SEED for food or feed.

Storage and disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

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

KEEP TREATED SEED SECURE from people, domestic stock/pets and wildlife at all times during storage and use.

BURY OR REMOVE SPILLAGES.

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose.

SHAKE WELL BEFORE USE

Store in a suitable pesticide store. Keep dry and protect from frost.

The following precautions must appear on sack labels for treated seed:

THIS SEED HAS BEEN CHEMICALLY TREATED with GAVEL (contains imazalil).

WEAR SUITABLE PROTECTIVE GLOVES AND EYE PROTECTION (GOGGLES) when handling treated tubers and contaminated equipment during planting operations.

DO NOT HANDLE seed unnecessarily.

DO NOT USE TREATED SEED as food or feed.

DO NOT RE-USE SACKS OR CONTAINERS THAT HAVE BEEN USED FOR TREATED SEED for food or feed.

KEEP TREATED SEED SECURE from people, domestic stock/pets and wildlife at all times during storage and use.

WASH HANDS AND EXPOSED SKIN before meals and after work.

BURY OR REMOVE SPILLAGES

TO PROTECT BIRDS/WILD MAMMALS, treated seed should not be left on the soil surface. Bury or remove spillages.

This product is approved under the Plant Protection Products Regulations 2005

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crops: Potato (seed)

Maximum individual dose: Up to 150 ml of product per tonne of potatoes

Maximum number of treatments (per batch): One

Latest time of application: Post-harvest, prior to chitting

Other specific restrictions:

This product must only be applied by conventional canopied hydraulic or spinning disc potato sprayer equipment mounted on a rolling conveyor.

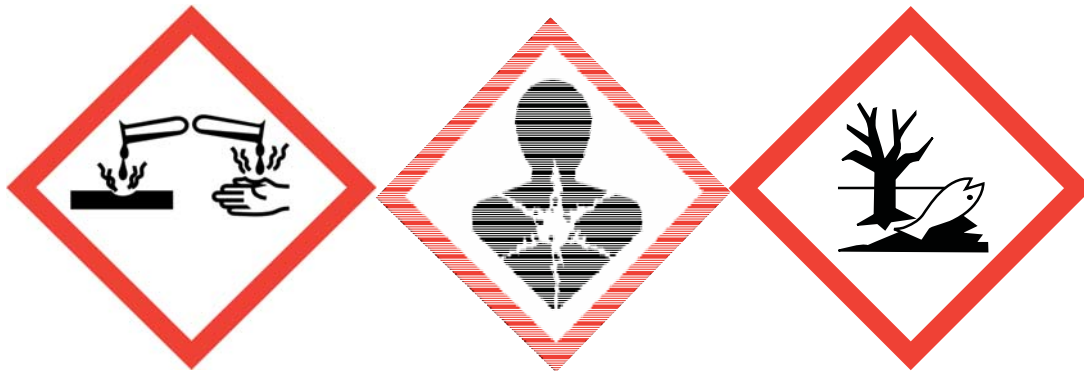
Treated seed potatoes (including oversized tubers) are not to be used for human consumption or animal feed.

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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DANGER
CAUSES SERIOUS EYE DAMAGE
SUSPECTED OF CAUSING CANCER
VERY TOXIC TO AQUATIC LIFE WITH LONG LAST EFFECTS

Avoid release to the environment

Wear protective gloves/protective clothing/eye protection/face protection

IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell

IF INHALED: Remove person to fresh air and keep comfortable for breathing

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/Doctor

Dispose of contents/container to a licensed 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 for use.

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This label is compliant with the CPA Voluntary Initiative Guidance - UK only

Approval Holder and Marketing Company:

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

® Gavel is a registered trademark of Certis Europe BV

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.

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.

Gavel is a seed treatment fungicide for the reduction of silver scurf, gangrene, skin spot and *Fusarium* dry rot on seed potatoes.

Restrictions/Warnings

In situations where soil-borne inoculum is high, treatment of seed tubers with Gavel may not give full protection against infection of stems and daughter tubers.

In early potato seed crops, Gavel can cause a temporary reduction in the number of open eyes when applied as an out of store treatment.

Treatment should be made before chitting to minimise mechanical damage.

Reduction of established wound diseases may not be achieved.

For best results the tubers should be clean and free from soil (less than 5% of surface). Diseases under areas of soil/dust will not be exposed to spray and will not

be controlled. The skin can be dry or damp at treatment but not wet.

Disease Control

Gavel reduces the following diseases of seed potatoes, when applied during storage:-

Silver scurf	<i>Helminthosporium solani</i>
Skin spot	<i>Polyscytalum pustulans</i>
Gangrene	<i>Phoma exigua</i>
Dry rot	<i>Fusarium spp</i>

When applied prior to planting of seed potatoes as a protective treatment, only reduction of skin spot and silver scurf can be expected.

Gavel should be used in conjunction with other disease management measures such as, good handling, curing and storage practice, good store hygiene and the use of resistant varieties.

Crops

Gavel can be used on seed tubers of all varieties of early and maincrop potatoes. For best results the tubers should be clean and free from soil (less than 5% of surface). Diseases under areas of soil/dust will not be exposed to spray and will not be controlled. The skin can be dry or damp at treatment but not wet.

Time of application

Either

To achieve the maximum disease reduction in storage, Gavel should be applied as soon as possible after harvest, preferably within 7 to 10 days. To obtain the best reduction of both skin and wound diseases application must be made before wounds have begun to close. Later applications may be less effective as wound infections will no longer be exposed to treatment.

Or

A pre-planting treatment with Gavel at final grading prior to chitting, or prior to planting if not chitted, will reduce skin spot and silver scurf in the progeny crop. Treatment should be made before chitting to minimise mechanical damage. Reduction of established wound diseases may not be achieved.

Rate of Application:

Use Gavel at 150 ml per tonne of seed potatoes.

Mixing and Spraying

Apply Gavel through canopied, hydraulic or spinning disc equipment (with or without electrostatics) mounted on a rolling conveyor or table. It may be applied diluted with water at up to 2.0 litres of spray solution per tonne of potatoes ensuring good coverage. Higher volumes within the equipment's capabilities are preferred, to obtain maximum cover of the skin, penetrate any wounds etc and hence provide the best

disease control.

Fill the tank with half the required volume of water. Measure the appropriate amount of Gavel into the tank and make up the required volume of water. Agitate thoroughly before application.

On emptying the container, RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually mixing three times. Add washings to sprayer at time of filling and dispose of container safely.

The following does not form part of the product label under the Plant Protection Products Regulations 2005.

With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop and use connected ways of influencing this. We therefore have to exclude liability for damage or loss attributable to any such resistance that may develop. To help minimise any loss in activity the recommended rate should in all events be adhered to.

Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of the Unfair Contract Terms Act 1977 or any similar applicable law.

**Section 6 of the Health and Safety at Work Act
Additional Product Safety Information**

The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use has "off-label" approval or is otherwise permitted under the Plant Protection Products Regulations.

The information on this label is based on the best available information including data from test results