



Monceren® IM

CONTAINS	A dustable powder formulation for dry, seed potato treatment containing 12.5% w/w pencycuron and 0.6% w/w imazalil.
CONTROLS	For use only as an agricultural fungicide for the control of black scurf (<i>Rhizoctonia solani</i>), and reduction of silver scurf (<i>Helminthosporium solani</i>), stem canker (<i>Rhizoctonia solani</i>) and skin spot (<i>Polyscytalum pustulans</i>) in potatoes.

PCS 00672

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.

These instructions for use as set out below are current at the time of printing and you are advised to disregard all previous instructions.

DESCRIPTION

Monceren IM is a dry powder seed treatment containing pencycuron 12.5% w/w and imazalil 0.6% w/w, recommended for the control of Black Scurf (*Rhizoctonia solani*) and a reduction in Silver Scurf (*Helminthosporium solani*), stem canker (*R. solani*) and Skin Spot (*Polyscytalum pustulans*) on daughter tubers.

The fungus *Rhizoctonia solani* is able to exist freely in soils, but the black sclerotia (fungal resting bodies) present on infected tubers usually act as a more important source of disease infection. Similarly, Silver Scurf (*Helminthosporium solani*), stem canker (*R. solani*) and Skin Spot (*Polyscytalum pustulans*) are predominantly tuber-borne.

Monceren IM acts primarily against tuber-borne infections of *Rhizoctonia* and Silver Scurf although useful control of *Rhizoctonia* arising from the soil-borne infections can also be expected.

fungicide

RESTRICTIONS

BEFORE USING MONCEREN IM ALWAYS CHECK THE LATEST GUIDELINES FOR THE USE OF MONCEREN PRODUCTS, AVAILABLE FROM BAYER CROPSCIENCE LTD OR YOUR MONCEREN IM SUPPLIER.

CONSULT PROCESSOR BEFORE USING ON CROPS FOR PROCESSING.

RATE OF USE

CROP	MAXIMUM INDIVIDUAL DOSE	MAXIMUM NUMBER OF APPLICATIONS	LATEST TIME OF APPLICATION	SPECIFIC PESTS CONTROLLED
Potato - all varieties	2.0 kg product per tonne seed	One per batch	At planting	Black scurf and reduction of silver scurf, stem canker and skin spot

DISEASES AND PESTS CONTROLLED

The possible development of disease strains resistant to Monceren IM cannot be excluded or predicted. Where such resistant strains occur, Monceren IM is unlikely to give satisfactory control.

A strategy for preventing and managing such resistance should be adopted. Guidelines have been produced by the Fungicide Resistance Action Group (FRAC) and copies are available from your distributor, crop advisor or product manufacturer.

Rhizoctonia solani

Helminthosporium solani

Polyscytalum pustulans

CROP SPECIFIC INFORMATION

Monceren IM is for use on seed tubers of all varieties grown as first or second earlies, main or seed crops.

Potatoes for pre-packing or processing

In extensive independent tests carried out over several years, Monceren IM has never resulted in any taints or changes in the flavour of fresh, cooked or processed potatoes, but processors should always be consulted before using Monceren IM on crops for processing.

RATE OF APPLICATION

2.0 kg of Monceren IM per tonne of seed tubers (3.6 oz per cwt) immediately prior to planting.

Application method

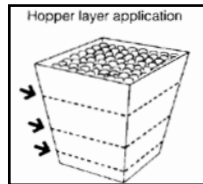
Monceren IM is applied to seed tubers during the planting process with automatic potato planters. It is essential to obtain an even distribution of the product on the tubers for optimum efficacy. The action of the potato planter achieves this very efficiently provided Monceren IM is initially distributed to some extent within the hopper load of tubers.

Measure the quantity of Monceren IM required to treat a hopper load of seed tubers. One quarter fill the hopper with seed tubers, sprinkle over the tubers one third of the required quantity of Monceren IM, add a further quarter of the seed tubers and sprinkle a further third of the Monceren IM over the tubers, and so on in layers until the hopper is completely filled with seed tubers. Thus three layers of Monceren IM have been sandwiched between four layers of seed tubers – refer to pictogram on side of pack.

Depending on the size and shape of the hopper, the number of layers required may be increased, but even coverage of Monceren IM on the tubers is essential when they are planted.

Hopper layer application

Three layers of Monceren IM should be sandwiched between four layers of seed tubers.



IMPORTANT NOTES

Rain

If seed tubers become damp from light rain, the distribution of Monceren IM on the tubers at planting should not be affected. If, however, a rain shower interrupts planting, the tubers in the hopper should be covered in accordance with normal practice.

Use of Treated Tubers

Tubers treated with Monceren IM may be used only as seed. They must not be used for human or animal consumption.

SEED QUALITY

Growers are advised to carefully check seed tuber health before applying Monceren IM.

Potato seed tubers to be treated with seed treatments, including Monceren IM, should be of good quality and vigour (i.e. free from conditions such as bacterial rots, physical damage, virus infection, etc). Crop establishment may be impaired where seed is affected by the conditions above irrespective of any subsequent seed treatment application.

TUBER HANDLING DAMAGE

Any damage occurring to tubers or sprouts/chits during handling, treatment or planting may adversely affect their subsequent performance and cropping

OTHER SEED TREATMENTS

Monceren IM should **NOT** be used on seed tubers which have previously been treated with another dry powder seed treatment or where hot water treatment is used.

MIXING

Not applicable.

There are no Bayer CropScience Ltd. recommendations for the use of Monceren IM in conjunction with any seed tuber treatment.

SAFETY PRECAUTIONS

Operator Protection

WEAR A SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT (CONFORMING TO EN 149 FFP2 OR EN 149 FFP3) AND SUITABLE PROTECTIVE GLOVES when handling the product.

WEAR SUITABLE PROTECTIVE GLOVES when handling treated potatoes.

WEAR SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT (CONFORMING TO EN 149 FFP2 OR EN 149 FFP3) when applying the dust to potatoes, filling the hopper and riding on the planter.

WASH HANDS AND EXPOSED SKIN before meals and after work.

LABEL TREATED SEED with the appropriate precautions using printed sacks, labels or bag tags.

Environmental Protection

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

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.

EMPTY CONTAINER COMPLETELY and dispose of safely.

LABEL TREATED SEED with the appropriate precautions using printed sacks, labels, or bag tags.

SEED TAG LABEL PRECAUTIONS for treated seed

WEAR SUITABLE PROTECTIVE GLOVES when handling treated potatoes.

DO NOT HANDLE seed unnecessarily.

DO NOT USE TREATED SEED as food or feed.

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

BURY OR REMOVE SPILLAGES.

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

WASH HANDS AND EXPOSED SKIN before meals and after work.

READ ALL INSTRUCTIONS CAREFULLY BEFORE USE.

RISK AND SAFETY INFORMATION**MONCEREN IM**

Contains 12.5% w/w pencycuron and 0.6% w/w imazalil.

HARMFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

S49 KEEP ONLY IN ORIGINAL CONTAINER.

S7 KEEP CONTAINER TIGHTLY CLOSED.

Safety data sheet available for professional user on request.

Contains: imazalil. May produce an allergic reaction.

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

PACK SIZE

1 kg

