

Roxam[®] 75WG

FUNGICIDE

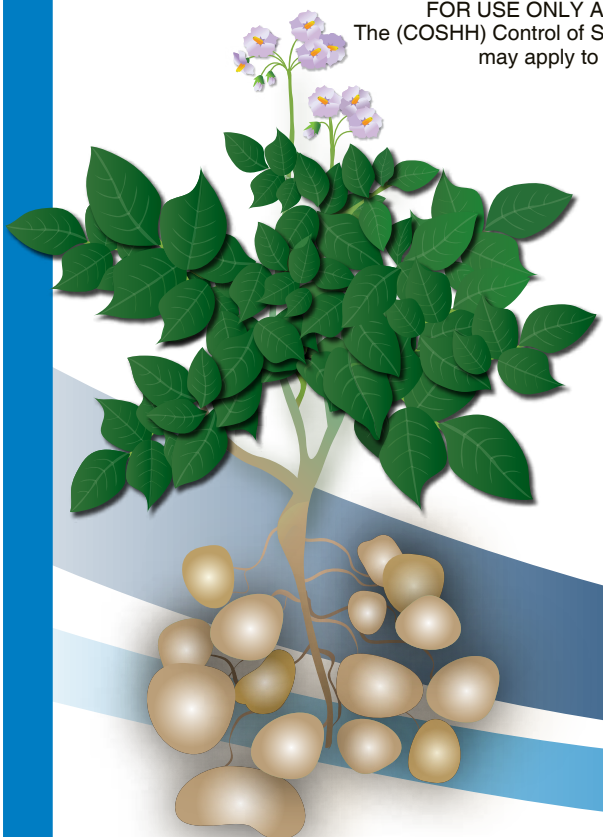
A protectant fungicide for the control of POTATO BLIGHT

Product Registration Number: MAPP 14191

A water dispersible granule containing 8.3% w/w zoxamide* + 66.7% w/w mancozeb

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.



ROXAM[®] 75WG

A water dispersible granule containing 8.3% w/w zoxamide* + 66.7% w/w mancozeb



WARNING

H317

May cause an allergic skin reaction.

H361D

Suspected of damaging the unborn child.

H410

Very toxic to aquatic life with long lasting effects.

P202

Do not handle until all safety precautions have been read and understood.

P261

Avoid breathing dust/mist/spray.

P273

Avoid release to the environment.

P280

Wear protective gloves, protective clothing and eye/face protection.

P308+P313

If exposed or concerned: Get medical advice/attention.

P501

Dispose of contents/container to hazardous waste collection authorised in accordance with local/regional/national/international regulations.

EU401

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

SP1

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination from farmyards and roads.

SPo2

Wash all protective clothing after use.

SPe3

To protect aquatic organisms respect an unsprayed buffer zone distance to surface water bodies.

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 CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT (FFP 2) when handling the product.

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces

However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before meals and 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.

To protect aquatic organisms respect an unsprayed buffer zone to surface water borders in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 20 metres of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5 metres of the top of a ditch which is dry at the time of application. Aim spray away from water.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 metres of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 metre 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 metre of the top of the bank of a static or flowing waterbody. Aim spray away from water.

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



STORAGE AND DISPOSAL:

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

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

EMPTY CONTAINER completely and dispose of safely.

KEEP OUT OF REACH OF CHILDREN.

IMPORTANT INFORMATION.

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE, AS DIRECTED BELOW:

Crops	Maximum Individual Dose	Maximum Number of Applications	Latest Time of Application
Potato	1.8 kg product/hectare	8 per crop (See "Other Specific Restrictions")	7 days before harvest

Other Specific Restrictions:

A minimum interval of 7 days must be observed between applications to potatoes.

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.

Gowan[®]

MAPP 14191

PROTECT FROM FROST

**READ DIRECTIONS FOR USE ON
BACK OF PACKAGE**

Pack Size:
5.4 kg e

Gowan Comércio Internacional e Serviços Lda

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**24 HOUR EMERGENCY TELEPHONE NUMBER:
+1 703 527-3887**

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*Zoxamide technical chemistry licensed to Comércio Internacional e Serviços Lda

This label is compliant with
the CPA Voluntary Initiative
Guidance.



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.

GENERAL INFORMATION

ROXAM 75WG is a foliar fungicide for the preventative control of foliar late blight (*Phytophthora infestans*) in potato.

RESISTANCE

Potato blight is considered to be a disease with a moderate to high risk of developing resistance to fungicides. To reduce the risk of resistance developing, ROXAM 75WG should be applied in single or block applications in alternation with other fungicides of a different fungicide resistance group.

MIXING

Make sure the sprayer is clean and set to give an even application at the correct water volume. Add half the required volume of water to the spray tank and begin agitation. Remove the filter basket and pour the required amount of ROXAM 75WG into the partially filled spray tank.

Continue agitation while topping up the tank and during spraying and transport operations.

Thoroughly wash out the spray equipment with water immediately after use and do not leave the spray liquid in the sprayer for long periods when not in use.

COMPATIBILITY

For information about tank mixtures please consult your distributor/adviser.

NOTES

ROXAM 75WG may be used on all varieties of potato.

Do not use on grapevines for plant propagation.

Consult processors before use on crops for juice production.

Keep away from fire and sparks.

It is important to keep containers tightly closed and stored in a cool, dry place. Once the container has been opened the material should not be kept over from one season to the next.

POTATOES

For the control of late blight in all varieties of potato

Pest	Control of Late blight (<i>Phytophthora infestans</i>)
Application Rate	1.8 kg/ha
Water Volume	150-600 L/ha
Maximum number of applications in one season	8
Minimum interval between applications	7 days
Latest time of application	7 days before harvest

TIMING AND DOSE

Applications must be made preventively as part of a blight control programme with regard to Blight Infection Periods or local blight warnings. In the absence of any warnings, applications should commence when the crop meets along the row. If a blight warning is issued for the area, apply the first spray immediately, irrespective of the growth stage of the crop.

Apply ROXAM 75WG at 1.8 kg/ha on a 7-10 day spray interval, depending on disease pressure. As disease pressure and the risk of late blight infection increases, the interval should be shortened.

Situations classed as high risk would be:

- Irrigated crops
- Extended periods of warm, humid weather and
- Areas where main crop and early potatoes are a commonly grown crop or
- Areas where local weather conditions allow for an increased threat of blight epidemics, e.g. the West and South West of England/Wales and East Anglia
- Where blight has been identified in nearby potato crops or on volunteer potatoes or on potato dumps.

In common with all protectant fungicides, it is essential to spray ROXAM 75WG before blight appears in the crop. For this reason a regular spraying programme should be carried out. Do not use ROXAM 75WG if blight is present in the crop. ROXAM 75WG is not a curative product. If sprays are delayed due to poor weather and blight risk is severe then consider applying ROXAM 75WG in tank mixture with an active ingredient that offers "kick back" activity such as cymoxanil.

TUBER BLIGHT

For protection of tubers against blight a full fungicide protection programme should be initiated from tuber initiation to haulm desiccation with products that have activity against zoospores. ROXAM 75WG when used at the recommended dose and spray intervals in a programme with other products which offer protection of tubers may reduce the risk of late blight infection of tubers after harvest and reduce tuber blight incidence. ROXAM 75WG has an indirect effect on zoospores by stopping them being released from sporangia. This in turn will reduce the zoospore loading on the leaf resulting in less zoospores reaching the soil to infect tubers. ROXAM 75WG does not have a direct effect on infective zoospores once released and because of this should not be relied upon to protect tubers from blight – other products with activity against zoospores being required to be included in the spray programme – especially later in the season when foliar blight may be present in the crop.

APPLICATION

With ground sprayers, spray fans should overlap just before the top of the crop. Use a medium quality spray (as defined by the British Crop protection Council) at 2-3 bar in a suitable water volume to ensure complete cover of the foliage. Allow foliage to dry before applying ROXAM 75WG after rainfall or irrigation. Do not apply the product if rain is expected within one hour of application. Accidental overlap of spray application should be avoided.

