



GROUP 21 FUNGICIDE

MAPP 20684 CYAZOFAMID 160 G/L

EPIRAM is a protectant fungicide for the control of potato late blight (*Phytophthora infestans*) in foliage and tubers.

An suspension concentrate containing 160 g/litre cyazofamid.

Safety Data Sheet for this product
scan the QR code or use the weblink:
<https://bit.ly/45sQsmx>
Alternatively, contact your supplier.



EPIRAM

Contains 160 g/L (14.8%) cyazofamid.



FOR PROFESSIONAL USE ONLY

Warning

Causes serious eye irritation
Very Toxic to aquatic life with long lasting effects

Wear eye protection.
Wash hands forearms and face thoroughly after handling.
Avoid release to the environment.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists; get medical advice/attention.

Collect spillage
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 instructions for use.



PROTECT FROM FROST
SHAKE WELL BEFORE USE

Transport Information
UN 3082 ADR/RID Class: 9 Packaging Group: III

net contents
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Marketing Company Authorisation Holder
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crophthetics

09/23



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IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops	Maximum individual dose	Maximum number of treatments	Maximum total dose	Latest time of application
Potato	0.5 L/ha	6 per crop	–	7 days before harvest

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.

THE (COSH) CONTROL OF SUBSTANCE 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:

WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

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

AVOID CONTACT WITH EYES. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

IF YOU FEEL UNWELL, seek medical advice immediately and show this container or label.

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

WHEN USING DO NOT EAT, DRINK OR SMOKE

WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking 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).

Do not empty into drains.

Use appropriate containment to avoid environmental contamination.

Storage and Disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD AND DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

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

DO NOT RE-USE CONTAINER FOR ANY PURPOSE. THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way.

IMPORTANT NOTES

DO NOT ALLOW THE PRODUCT TO STAND OVERNIGHT.

Ensure that the spraying equipment and especially nozzles have been thoroughly cleaned before starting spraying, in particular when equipment has been used for other products. Spraying equipment should be calibrated prior to use to ensure accurate application.

Avoid spray drift onto neighbouring crops.

WASH EQUIPMENT thoroughly immediately after use. Fill the tank with clean water and leave overnight. Spray out before storage or using other products.

RESISTANCE MANAGEMENT

DO NOT apply more than six sprays of EPIRAM, per crop. In a programme of blight fungicides use a maximum of three consecutive applications of EPIRAM. If further treatments are required, use at least three applications of fungicides having different modes of action to EPIRAM, before applying further EPIRAM. Consult your distributor or specialist adviser if guidance is required.

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.

DISEASES CONTROLLED

EPIRAM is a fungicide with activity against fungi from the class of Oomycetes, especially against *Phytophthora infestans*. It is a protectant fungicide and as such it should be applied before blight enters the crop. Depending on the disease pressure, good protection against the disease can be expected over a period of 5 to 10 days.

CROP SPECIFIC INFORMATION

Timing of application: The first application against potato late blight should be made preventatively, when warning systems forecast a significant disease risk situation; usually this is when the potato leaves meet along the rows (row closure).

Rate of application: Apply 0.5 L/ha of EPIRAM. The maximum number of applications for EPIRAM is 6.

Volume, spray quality and application method: EPIRAM should be applied in 200-400 L of water per ha as a MEDIUM spray quality as defined by BCPC. EPIRAM should be applied via tractor mounted or drawn sprayer and must be applied evenly.

Spray schedule: Use according to disease warning systems or on a systematic program with repeated applications. During periods with heavy disease pressure and during rapid development of the potato haulm, or where crops are irrigated, the sprays should be repeated every 6 to 7 days. In case of exceptional disease pressure, the intervals can be slightly shortened to a 5 day spray interval. Under low disease pressure, especially after flowering, the spray should be repeated at least every 10 days.

Pre-harvest interval: 7 days

Tuber blight control: EPIRAM will reduce the percentage of blight affected tubers at harvest and after storage, but should not be relied on in place of end of season products approved with specific claims of control of tuber blight.

Selectivity: EPIRAM is very selective in potato crops. The use will not cause any adverse effect on the crops.

MIXING

Add a minimum of 50% of the required water into the spray tank, and agitate when adding the required amount of EPIRAM. Finally add the remainder of the required water volume. Keep the spray solution agitated until all product is applied. Never prepare more spray solution than required. On emptying the container, 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 container safely.

TANK CLEANING

Ensure that no or only a minimal quantity of product remains in the spraying tank after field application. Upon completion dilute the remainder of the spray solution with the tank cleaning water and spray the diluted rest onto the target crop area. Any spillage should be collected and disposed of in appropriate chemical waste. In no way should contamination of waterways or surface water be allowed to occur. Thoroughly wash out all remaining equipment after use. For disposal of washings, follow the Code of Practice for Using Plant Protection Products. Rinse the spray tank with fresh water and spray the further diluted rest onto the target crop area.

CONTAINER AND STORAGE

EPIRAM is supplied in 0.2 litre to 15 litre containers and must be kept dry and frost proof in a suitable pesticide store.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during or after application, which may affect the performance of the goods, 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 or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

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