

EPOK[®] 600EC

Version and date : Version 4 – Autumn 2007

Changes since last version – Updated to incorporate PSD labelling guidelines

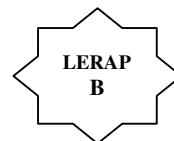


This label is compliant with the CPA Voluntary Initiative Guidance

FORMULATION AND ACTIVE INGREDIENT: An emulsifiable concentrate (EC) formulation containing 200g/l mefenoxam (metalaxyl-m) and 400g/l fluazinam.



PACK SIZE : 2LT

MAPP No. 11997



IMPORTANT INFORMATION	
FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE	
Crops :	Potato
Maximum individual dose :	0.375 litre product / ha
Maximum number of treatments :	3 per crop
Latest time of application :	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 (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

 	Epok® 600EC	An emulsifiable concentrate (EC) formulation containing 200g/l mefenoxam (metalaxyl-m) and 400g/l fluazinam.
	Xn-HARMFUL N-DANGEROUS FOR THE ENVIRONMENT	<p> R20 – Harmful by inhalation R36/37 – Irritating to eyes and skin R40 – Limited evidence of carcinogenic effect R43 – May cause sensitisation by skin contact R50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. </p> <p> S23 – Do not breathe vapour S24 – Avoid contact with skin and eyes S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S35 – This material and its container must be disposed of in a safe way. S36/37 – Wear suitable protective clothing, gloves and eye/face protection S46 – If swallowed, seek medical advice immediately and show the container or label S57 – Use appropriate containment to avoid environmental contamination. </p> <p> To avoid risk to man and the environment, comply with the instructions for use. </p>

SAFETY PRECAUTIONS

Operator Protection

- Engineering control or 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 FACE PROTECTION (FACE SHIELD) when handling the concentrate.
- WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND 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 eating, drinking or smoking and after work.
- AVOID CONTACT WITH EYES OR SKIN

Environmental Protection

- Do not contaminate water with product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads
- This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. A LERAP must be carried out in accordance with PSD published guidance before each spraying operation from a ground crop sprayer. The results of the LERAP must be recorded and kept available for inspection for three years.
- DO NOT ALLOW DIRECT spray from ground crop sprayers to fall within 5m of the top of the bank of a static or flowing water-body, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1m of the top of a ditch which is dry at the time of application. Direct spray away from water.
- Since there is a risk to non target insects or other arthropods from use, applications must not be made within 6m of the field boundary.

Storage and Disposal

- KEEP OUT OF REACH OF CHILDREN
- KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
- KEEP IN ORIGINAL CONTAINER tightly closed, in a safe place
- OPEN THE CONTAINER ONLY AS DIRECTED
- DO NOT RE-USE CONTAINER FOR ANY OTHER PURPOSE.
- WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

GENERAL INFORMATION:

EPOK 600 EC is a fungicide with systemic and protectant properties which controls foliar blight of potatoes when used as directed. The systemic component of EPOK 600 EC (mefenoxam) works best on young actively growing foliage and efficacy declines with the onset of senescence. It is recommended, therefore, that EPOK 600 EC is only used for the first part of the blight control program that should be completed with a reliable protectant fungicide.

CAUTION – RESISTANCE MANAGEMENT

Strains for the potato blight fungus resistant to phenylamide fungicides (metalaxyl, mefenoxam and benalaxyl) occur. FRAC (Fungicide Resistance Action Committee) have defined guidelines for the effective management of blight with these fungicides, which are incorporated in this label. Since the occurrence of resistance cannot be forecasted, neither ISK Biosciences Europe S.A. nor its distributors can accept responsibility for any loss or damage to crops caused by the failure of EPOK 600 EC to control resistant strains. No more than five applications of phenylamide containing products should be applied to a crop. EPOK 600 EC should not be used on potato crops which follow a potato crop that has been grown in the same field that season.

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.

Blight control programmes should start before the risk of blight infection occurs. EPOK 600EC should not be applied where blight is already established in the crop i.e. do not use curatively. EPOK 600EC should not be applied during periods of very high temperature

MONITORING OF SPRAY PROGRAMME:

Sprayed crops should be monitored throughout the complete period of the protection programme. If blight is identified in crops sprayed with EPOK 600EC then stop using EPOK 600EC and switch to a fungicide not coming from the same chemical family as EPOK. This subsequent fungicide should be sprayed when blight is identified and **within** 7 days of the last EPOK 600EC spray. The spray programme must then continue using alternative products at recommended intervals right up to complete haulm destruction or harvesting. Do not in any circumstances make any further applications of EPOK 600EC in the programme

SUBSEQUENT TREATMENTS:

Where crops are to be harvested before natural haulm senescence, follow up treatments after EPOK 600EC should be made using a protectant fungicide and starting no later than 10 days after the last EPOK 600EC application. At least 2 protectant sprays should be applied to the crop before harvesting, desiccation or haulm destruction.

NB: it is not advised to use products containing phenylamide fungicides (e.g. Fubol Gold, Galben M/Tairel) after EPOK 600EC.

DOSE:

Apply EPOK 600EC at 0.375L product/ha and allow a maximum interval of 7 days between applications. (Maximum number of sprays per crop: 3).

CONSULT PROCESSOR BEFORE USING ON CROPS INTENDED FOR PROCESSING.

TIMING:

Apply EPOK 600EC before the end of active growth of the potato haulm or before the end of August, whichever is the earlier (provided the statutory conditions of use are met).

Spraying with EPOK 600EC should begin either:

1. Immediately if risk of potato blight occurs in the area irrespective of the crop growth stage OR
2. In the absence of blight risk, spraying should begin as crops meet along (not across) the rows, generally when plants are 15-20cm high.

Further sprays of EPOK 600EC should be made according to blight risk. Potatoes are at risk of infection with potato blight where warm (temperatures around 8-10°C or above) humid (rain, fog, mists or irrigation) weather conditions exist for at least two consecutive days or nights. However, any period of warmth and humidity will increase the blight risk.

After treatment of first and second early crops, haulm remaining after harvest must be completely destroyed or removed immediately to minimize blight pressure on neighbouring main crop potatoes.

SPRAY VOLUME:

Apply EPOK 600 EC in not less than 200 litres of water per hectare.

A FINE quality spray is preferred when EPOK 600 EC is to be applied alone but when used in a mixture with other products a MEDIUM quality spray should be used (as defined by BCPC).

Sprays should be applied at a pressure of 2-3 Bar.

MIXING:

SHAKE WELL BEFORE USE

Half fill the spray tank with clean water. Commence agitation. Steadily pour the required amount of EPOK into the spray tank or induction bowl. Ensure all product has thoroughly mixed with the water and no traces are present in the induction bowl before adding any other product. Complete filling of the spray tank and maintain agitation until spraying is complete.

WARRANTY/DAMAGES:

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, and 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 applicable law.

TECHNICAL ENQUIRIES:	01480 403333
24 HOUR EMERGENCY NUMBER:	0032 1458 4545

Always read the label. Use pesticides safely.

**BELCHIM Crop Protection Limited
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