

DAUPHIN® 45

DAUPHIN® 45 is a registered trademark of Societe Financiere de Pontarlier

DAUPHIN® 45

A water-dispersible granule containing 450 g/kg cymoxanil
for the control of potato late blight

IMPORTANT INFORMATION FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE	
Crop	Potato
Maximum individual dose	220 g product / ha
Total number of applications per season	8 per crop
Latest time of treatment	14 days before harvest
Other specific restrictions	A minimum of 7 days must be observed between applications. DAUPHIN 45 must be used in tank mixture with a contact fungicide authorized against P infestans, at full rate.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE.
FOLLOW THE PRINCIPLES OF GOOD PLANT PROTECTION PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

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 suitable respiratory protective equipment when handling the product. Disposable filtering facepiece respirator to at least EN149 FFP3 or equivalent.
Wear suitable protective gloves when handling contaminated surfaces.
WASH CONCENTRATE from skin or eyes immediately.
DO NOT BREATHE SPRAY IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY with plenty of water and seek medical advice WHEN USING DO NOT EAT, DRINK OR SMOKE, WASH HANDS AND EXPOSED SKIN before eating and drinking and after work 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.
Risk Mitigation measures:
To protect aquatic organisms respect an unsprayed buffer zone of 5 m to surface water bodies
Directions for the safe disposal of the plant protection product and of the packaging
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non hazardous waste
Storage and disposal
KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place. EMPTY CONTAINER COMPLETELY and dispose of safely. KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS. KEEP OUT OF REACH OF CHILDREN
KEEP AWAY FROM FIRE AND SPARKS.



WARNING

Harmful if swallowed
Suspected of damaging fertility. Suspected of damaging the unborn child
May cause damage to organs through prolonged or repeated exposure if swallowed
Toxic to aquatic life with long lasting effects

Keep out of reach of children
Obtain special instructions before use
Do not breathe dust/fume/gas/mist/vapors/spray
Avoid release to the environment
If exposed or concerned: Get medical advice/ attention
Collect spillage
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste

PROFESSIONAL USE ONLY

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

PCS no : 04542

BATCH No : See packaging

Net contents: 1 kg

Registration holder :
Société Financière de Pontarlier
"Villa Celony" - 1175 Montée d'Avignon
13090 Aix en Provence - France
Tel: +33 (0)4 42 52 72 12

Marketing Company :
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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.

DAUPHIN® 45 is for use on potatoes only.

Disease controlled: Potato late blight (Phytophthora infestans) when tank mixed with approved formulations containing mancozeb or fluazinam

Crop specific Information: Rate of use: 0.22 kg product/hectare

Other specific restriction: The maximum concentration must not exceed 220 g product in 300 litres water

Disease control: Successful control of potato late blight requires a season-long disease prevention policy that integrates cultural measures such as the destruction of ground keepers and potato dumps and commencing the spray before blight infection. DAUPHIN® 45 contains the active ingredient cymoxanil, which is locally systemic. However, as cymoxanil has a short lasting effect and provides a protection of minimum 7 days, DAUPHIN® 45 should be applied only in tank mixture with specified formulations such as mancozeb or fluazinam at registered dose. In practice, DAUPHIN® 45 is to be added to basic preventative contact fungicide programs in a rational way, when the risk is high. The combination of two active ingredients will also help to reduce the selection and build-up of resistance strains of fungi. Potato fungicides may not give complete protection of blight when the incidence of disease is severe.

Varieties: All varieties of early and maincrop potatoes may be treated. On crops grown for processing consult your processor before use.

Timing: Timing of spray applications should take into account the normal prevalence of the disease in the area and conditions of the particular season. The first spray should be applied as soon as there is a risk of blight infection or an official warning is issued. In the absence of warning, spraying should begin just before the crop meets along the rows. Applications should be repeated every 10-14 day intervals depending on the prevalence of the disease and on whether the conditions are favorable for infection. A 7 day spray interval may be used under exceptional circumstances e.g. when the potato blight risk is high and rain is forecast at the time that the next 10 day spray is due. The longer interval is recommended under dry conditions. Irrigation of crops increases the risk of blight and crops should always be sprayed with DAUPHIN® 45 tank-mixed with a contact fungicide, as soon as possible after irrigation, subject to the minimum spray interval.

Water volumes: Apply DAUPHIN® 45 in 300 to 600 l/ha, the higher volumes may be used in thick or dense crops to improve coverage.

Dose: DAUPHIN® 45 should be applied at 0.22 kg/ha in tank mixture with mancozeb or fluazinam at registered dose. All other requirements or restrictions on the partner label(s) should be adhered to. Control of Late blight of potatoes caused by Phytophthora infestans is achieved when used in conjunction with products containing active substances with multi-site activity

Resistance management: When fungicides with the same mode of action are used repeatedly over several years in the same field, naturally occurring less sensitive strains may survive, propagate and become dominant in that field. It is therefore advised that spray programs should include fungicides with differing modes of action.

Following crops: Any crop may be sown after a crop treated with DAUPHIN® 45.

Mixing: Spraying equipment should be thoroughly cleaned before spraying. DAUPHIN® 45 mixes easily with water and should be added directly to the spray tank during filling. Wash out container and add washing to the spray tank. Continue agitation till spraying is complete.

SPRAY TANK CLEAN-OUT

Immediately after application, completely drain spray equipment.

Thoroughly rinse sprayer and flush the hoses, boom nozzles with clean water.

Loosen and physically remove visible deposits.

Remove and clean nozzles, screens and strainers.

Flush the entire system with clean water.

Take all necessary safety precautions when cleaning equipment.

Do not clean near wells or water sources.

Dispose of waste water in accordance with local regulations.

WARRANTY:

The seller makes no warranty, expressed or implied, concerning the use of the product other than indicated on the label. The purchaser and user shall assume all risk associated with the use and/or handling and/or storage of the product if this use and/or handling and/or storage are carried out contrary to label instructions.

DAMAGES:

Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damage not exceeding the purchase price of the product, and shall not include incidental or consequential damages.

IN CASE OF TOXIC OR TRANSPORT EMERGENCY PLEASE CALL CARECHEM24 INTERNATIONAL ON 0208 762 8322