



Gachinko®

FUNGICIDE

PCS No. 05989

FORMULATION A suspension concentrate containing 200g/l amisulbrom for the control of potato late blight (*Phytophthora infestans*)

WARNING

**VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS
SUSPECTED OF CAUSING CANCER**

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.)

Suspected of causing cancer

Very toxic to aquatic life with long lasting effects

Obtain special instructions before use

Use personal protective equipment as required

IF exposed or concerned: Get medical advice / attention

Dispose of contents / container in accordance with local regulation

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

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

FOR PROFESSIONAL USE ONLY



CS No. 05989

Approval holder: Nissan Chemical Europe S.A.S., Parc d'Affaires de Crecy,
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Emergency no.: In the event of emergency, call the National Poisons Information Centre, Beaumont Hospital at 018092166 or 018379964

Marketing Company: Du Pont (UK) Limited,
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IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crop	Potato
Maximum individual dose:	0.5 litres of product per hectare
Maximum total dose:	3.0 litres of product per hectare
Maximum number of applications:	6 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.

SAFETY PRECAUTIONS

Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment.

AVOID ALL CONTACT WITH EYES

However, engineering controls may replace personal protective equipment if an 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.

Environmental protection

DANGEROUS TO FISH OR OTHER AQUATIC LIFE.

VERY TOXIC TO AQUATIC ORGANISMS. MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. Do not contaminate surface waters or ditches with chemical or used container.

RISK TO AQUATIC ORGANISMS

Avoid spraying within 3 metres of the field boundary to minimise spray drift contamination of ponds, waterways and ditches.

Batch No : see on the bottle



K-44636/1905 - IRELAND

DIRECTIONS FOR USE

INTRODUCTION

Gachinko is a fungicide with protectant and contact action for the control of potato late blight (*Phytophthora infestans*).

CROPS

All varieties of early, second early, maincrop and seed crop potatoes may be treated.

DISEASES CONTROLLED

Gachinko controls both foliage and tuber blight of potatoes (*Phytophthora infestans*) when used as part of a full programme of correctly timed sprays.

Apply Gachinko as a protectant treatment early in the season before blight enters the crop. Failure to treat blight at this stage can result in severe yield losses. Gachinko can be used at any stage of a blight spray programme.

Gachinko should be applied only as a protectant treatment. Using Gachinko when blight has become readily visible (1% leaf area destroyed) is not recommended.

RESISTANCE RISK MANAGEMENT

Amisulbrom is a member of the Qil group of fungicides. To reduce the risk of resistance developing, Gachinko, or other fungicides of the Qil group, should make up no more than 50% of sprays in the intended blight control spray programme. Alternation with fungicides having other modes of action is recommended in spray programs. No more than three Qil treatments should be made consecutively. If further treatments are required, allow a minimum of 3 applications of a fungicide

from another chemical group to be applied before resuming with Gachinko (or another Qil fungicide). Further information on resistance management is available from FRAG and AHDB Potato websites. Consult your agronomist for further advice.

RATE, WATER VOLUME AND APPLICATION

Number of applications and Dose Rate

Apply a maximum of 6 applications per crop, or a maximum of 50% of sprays in intended programmes of less than 12 fungicide applications (see Resistance risk management section). Use spray interval of 7 to 10 days. The last application may be made no later than 7 days before harvest.

Use up to 0.5 litres of product per hectare. The maximum total dose is 3.0 litres of product/ha.

Water Volume

Apply Gachinko in 200-500 litres of water per hectare.

Application Timing

The first spray must be applied as soon as there is a risk of blight infection, that is when a Blight Infection Period (Smith Period) has occurred or an official warning has been issued. In the absence of any warning, spraying of Gachinko should begin just before the crop foliage meets along the row.

Application at 7-day intervals should be used during periods of high disease pressure and rapid development of the haulm. When disease pressure is low, applications may be extended to a maximum of 10-day intervals. Applications of Gachinko can be made at any stage of a blight spray programme, with the last application no later than 7 days prior to harvest. This product can be used in a blight programme in sequence with a range of other fungicides.

Spray Quality

Apply as a **MEDIUM** quality spray (as defined by BCPC). A spray pressure of 2-3 bar is recommended.

Rainfastness

Gachinko should be applied when the foliage is dry, where possible. Gachinko is rainfast within 3 hours. Rainfall or irrigation within 3 hours of application may lead to some loss of fungicidal activity.

MIXING AND SPRAYING PROCEDURE

Half-fill the spray tank with water. Add the required quantity of Gachinko and agitate continuously. Complete the process by adding the remaining quantity of water to the required level. Do not allow the product to stand in the sprayer overnight. Ensure application equipment and especially nozzles are thoroughly cleaned before starting spraying. Spraying equipment should be properly calibrated before use to ensure accurate application. Wash equipment thoroughly after use and before storage.

SPRAY TANK CLEANING INSTRUCTIONS

Following use of the product, immediately wash out the spray tank with water and liquid detergent. Then wash twice more with water and drain the tank.

SUCCEEDING CROPS

There are no proposed limitations placed on succeeding crops. In the event of the crop being replanted or another crop being planted in the same soil as the treated crop, it is recommended to plough the soil to a normal depth.

TANK MIXING COMPATIBILITY

Gachinko has been tested for physical and biological compatibility with selected pesticide products used on potatoes. For up to date details please contact the manufacturer / distributor.

CONDITION OF SUPPLY

All conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of the goods are excluded and no liability (save as to the liability to replace defective goods herein provided) will be accepted by us for any damage, loss or injury whatsoever arising out of, or in connection with, the goods or drums or other containers thereof, or from the storage, handling, applications or use thereof. In the case of alleged defects in the manufacture of the goods proved by the customer to our satisfaction we will, at our expense, replace or otherwise remedy the defective goods. In particular, liability in tort arising in or out of the manufacture, distribution, sale or use of the product is hereby expressly excluded. All our goods are sold and supplied on the terms contained in our standard Conditions of Sale (of which the above is part) which shall prevail over any other terms and which may be inspected on request.

FIRST AID

Ingestion: If swallowed, seek medical advice immediately.

Inhalation: In case of accident by inhalation, remove casualty for fresh air and keep at rest.

Skin contact: After contact with skin, wash immediately with plenty of soap and water.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

Note to doctor

There is no known antidote.

Treat symptomatically and give supportive therapy.

SAFETY PRECAUTIONS

Operator Protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

AVOID ALL CONTACT WITH EYES

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.

Environmental protection

DANGEROUS TO FISH OR OTHER AQUATIC LIFE.

VERY TOXIC TO AQUATIC ORGANISMS. MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. Do not contaminate surface waters or ditches with chemical or used container.

RISK TO AQUATIC ORGANISMS

To protect aquatic organisms respect an unsprayed buffer zone of 3 m to surface water bodies

Storage and Disposal

DO NOT ALLOW DIRECT SPRAY DRIFT from horizontal boom sprayers to fall within 3 metres of the top of the bank of a static or flowing water body

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING-STUFFS.

KEEP OUT OF REACH OF CHILDREN.

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

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

PREVENT SPILLAGE FROM ENTERING THE DRAINAGE SYSTEMS OR WATERCOURSES

Dispose of content / 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

DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

PROTECT FROM FROST.

SPECIMEN -
2019 to date