

Shinkon

A suspension concentrate for the control of potato late blight (*Phytophthora infestans*)

IMPORTANT INFORMATION – FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE



WARNING

- H400** Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
P273 Avoid release to the environment
P391 Collect spillage
P501 Dispose of contents/container in accordance with local regulation

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.

AVOID ALL CONTACT WITH EYES.

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

WHEN USING DO NOT EAT, SMOKE OR DRINK

WASH HANDS AND EXPOSED SKIN before eating and drinking, 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 5 meters of the field boundary to minimise spray drift contamination of ponds, waterways and ditches.



The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work. The label is compliant with the CPA Voluntary Initiative Guidance.

Net Contents: 5 lt

Production date: see on bottle

66231-UKBK-02

Contains 200 g/l (20% w/v) amisulbrom as a suspension concentrate.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 meters of the top of the bank of a static or flowing water body, unless a Local Environment 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. Aim spray away from water.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with the PSD's 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 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. DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

PROTECT FROM FROST.

Crop	Maximum individual dose	Maximum total dose	Maximum number of applications	Latest time of application
Potato	0.5 l/ha	3.0 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.

MAPP 17498

Approval holder and marketing company

Nissan Chemical Europe Sarl

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Shinkon is a registered trademark of Nissan Chemical Industries, Ltd., Japan.

24 HOUR EMERGENCY TELEPHONE NUMBER:

+44 (0) 870 820 0418

DIRECTIONS FOR USE

INTRODUCTION

Shinkon 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 potatoes may be treated.

DISEASES CONTROLLED

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

Apply Shinkon 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. Shinkon can be used at any stage of a blight spray programme.

Shinkon should be applied only as a protectant treatment. Using Shinkon 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, Shinkon, or other fungicides of the Qil group, should make up no more than 50% of sprays in the intended blight control spray programme. No more than three Qil treatments should be made consecutively.

If further treatments are required, allow a minimum of three applications of a fungicide from another chemical group to be applied before resuming with Shinkon (or another Qil fungicide). Further information on resistance management is available from FRAG and BPC websites. Consult your agronomist for further advice.

RATE, WATER VOLUME & 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 Management section). Use spray interval of 7 – 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 Shinkon 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 Shinkon should begin just before the crop foliage meets along the row.

Applications of 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 Shinkon 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

Shinkon should be applied when the foliage is dry, where possible. Shinkon 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 Shinkon 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 with water and drain the tank.

SUCCESSING 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 COMPATABILITY

Shinkon 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.

CONDITIONS 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 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.