

**BASF**

We create chemistry

# ALLSTAR<sup>®</sup>



**A protectant fungicide for use on potato.**

**The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work (UK only)**

A suspension concentrate containing  
300 g/litre (26.5 % w/w) flupyroxad

Contains 1,2-benzisothiazol-3(2H)-one and 2-methyl-4-iso-thiazolin-3-one.

May produce an allergic reaction

**Warning**

**May cause an allergic skin reaction**

**May cause harm to breast-fed children**

**Very toxic to aquatic life with long lasting effects**

Wear protective gloves / protective clothing / eye protection / face protection

If medical advice is needed, have product container or label at hand.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical attention.

Do not breathe dust or mist.

Dispose of contents / container to a licensed hazardous-waste disposal contractor or collection site except for empty triple-rinsed 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**



MAPP 19717  
PCS No. 05925

UK Marketing Company and Ireland Authorisation Holder:  
BASF plc, 4th and 5th Floors, 2 Stockport Exchange, Railway Road, Stockport SK1 3GG, UK  
Telephone: 0044 (0) 161 475 3000

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Emergency information (24 hours freephone): Tel: 0049 180 227 3112  
Technical enquiries: 0044 (0) 845 602 2553 (office hours)

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## 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 CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES** when handling the concentrate.  
**WEAR SUITABLE PROTECTIVE GLOVES** when handling contaminated surfaces.  
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, DRINK OR SMOKE.**  
**WASH HANDS AND EXPOSED SKIN** before meals and after work.

### Environmental protection

Do not contaminate surface waters or ditches with chemical or used container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

### Storage and disposal

**DO NOT RE-USE CONTAINER** for any purpose.  
**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.  
**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 safely.  
Store in a suitable pesticide store. Keep dry and protect from frost.

**This label is compliant with the CPA Voluntary Initiative Guidance (UK only)**



## IMPORTANT INFORMATION

**FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE, as directed below:**

Crops	Maximum Individual Dose	Maximum Number of Treatments Per Crop	Latest Time of Application
Potato In-furrow treatment applied at planting	0.8 l product/ha	1	Immediately after planting

### Other specific restriction:

This product must not be applied by hand-held equipment.

**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.**

## 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.

ALLSTAR is a protectant fungicide for the moderate control of black scurf (*Rhizoctonia solani*) in potatoes when applied as an in furrow application at planting.

For professional use only.

## Disease control

ALLSTAR is a protectant fungicide for the moderate control of black scurf (*Rhizoctonia solani*) in potatoes when applied as an in furrow application at planting.

## Resistance Management

**GROUP**

**7**

**FUNGICIDE**

ALLSTAR contains fluxapyroxad, a succinate dehydrogenase inhibitor (SDHI) belonging to FRAC Group 7.

Effective disease management is a critical component in delaying the build-up of resistant pathogen populations. Therefore ALLSTAR should be applied according to the manufacturer's recommendations for the target disease at the rate and timings indicated.

For further advice on resistance management contact your agronomist or specialist advisor or visit the FRAG-UK website.

## Crop Specific Information

### Potatoes

ALLSTAR can be used on all varieties of early and maincrop potatoes grown for seed, ware or processing.

### Time of application

ALLSTAR should be applied as an in-furrow application at planting.

### Rate of application

The rates and water volumes are as follows:

Method of application	Rate of application	Water volume
In-furrow treatment applied at planting	0.8 l/ha	150-300 l/ha*

### \*Qualified recommendation

ALLSTAR may be applied at up to 0.8 l/ha in 60 litres water per hectare, although efficacy and crop safety at this reduced water volume have not been evaluated.

## Following Crops

### Following Crops after normal harvest

Any crop may be planted following the normal harvest of a potato crop treated with ALLSTAR.

### In the Event of Crop Failure

No restrictions are proposed for succeeding crops after failure of a potato crop treated with ALLSTAR.

## Mixing and Application

### Mixing

Never prepare more spray solution than is required.

Three quarters fill the tank with clean water and start the agitation. To ensure thorough mixing of the product, invert the container several times before opening. Add the required quantity of ALLSTAR to the spray tank while re-circulating. Add the remainder of the water and continue agitation until spraying is complete.

On emptying the container, rinse container thoroughly by using an integrated pressure rinsing device or by manually rinsing three times. Add washings to tank at time of filling and dispose of container safely.

### Application

For application in potatoes in furrow at planting, apply as a MEDIUM spray, as defined by BCPC.

### Sprayer cleaning

Wash sprayer thoroughly immediately after use, using clean water and following the sprayer cleaning guidance provided by the equipment manufacturer.

### Compatibility

For details of compatibilities contact your distributor, local BASF representative, the BASF Technical Services Hotline: 0044 (0) 845 602 2553 or visit our website on:

UK – [www.agriCentre.basf.co.uk](http://www.agriCentre.basf.co.uk)

IE – [www.agriCentre.basf.ie](http://www.agriCentre.basf.ie)

### Trade Mark Acknowledgements

ALLSTAR is a registered trademark of BASF.

**The following does not form part of the product label under S.I. No. 159 of 2012 (Ireland only) or under the Plant Protection Products Regulation (EC) No 1107/2009 (UK only).**

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 BASF 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, 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 the Unfair Contract Terms Act 1977 or any similar applicable law.

## Section 6 of the Health and Safety at Work Act

### Additional Product Safety Information

The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use has "off-label" approval or is otherwise permitted under the Plant Protection Products Regulations.

The information on this label is based on the best available information including data from test results.

### UK Safety Data Sheet

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



[agricentre.basf.co.uk/ALLSTAR/MSDS](http://agricentre.basf.co.uk/ALLSTAR/MSDS)

Alternatively, contact your supplier.

### Ireland Safety Data Sheet

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



[agricentre.base.co.ie/ALLSTAR-IE/MSDS](http://agricentre.base.co.ie/ALLSTAR-IE/MSDS)

Alternatively, contact your supplier.

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