

AZAKA



A Suspension Concentrate formulation containing 250 g/L Azoxystrobin
AZAKA is a broad spectrum systemic fungicide for use in winter and spring oilseed rape, wheat, barley, oats, rye and triticale

Product Registration Number MAPP 16422

IMPORTANT INFORMATION

CONDITIONS OF USE

FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL FUNGICIDE

To access the Safety Data Sheet for this product, scan the QR code or use the weblink below:
<http://headland-ag.co.uk/image/catalog/msds/azaka.pdf>.
Alternatively, contact your supplier.



Crop	Max individual dose (litres product/ha)	Max No. of treatments per crop (min application interval)	Latest Time of Application
Winter and Spring Wheat, barley, oats, rye and triticale	1.0 l/ha	2 (10 days)	Up to and including watery ripe stage (BBCH 71)
Winter and Spring Oilseed Rape	1.0 l/ha	2 (10 days)	Full flowering: 50% flowers on main raceme open, older petals falling. (BBCH 65). 21 days before harvest



A 5m no-spray buffer zone is recommended for all proposed uses.

VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

WARNING

- Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction
- Avoid release to the environment
- Collect Spillage
- Dispose of contents/container in accordance with local regulation
- **To avoid risks to human health and the environment, comply with the instructions of use**

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.

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Net Contents: **5 litres**

DIRECTIONS FOR USE

Important: The information in this leaflet 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.

Apply AZAKA under good growing conditions with adequate soil moisture. Avoid poor growing conditions which may give less reliable results.

RESISTANCE MANAGEMENT

Azoxystrobin is a Quinone outside inhibitor (QoI) fungicide. Strains of *Septoria tritici* resistant to the QoI's are widespread in the UK and strains of barley powdery mildew resistant to QoI's are common in the UK.

To avoid the likelihood of resistance developing, application of AZAKA should be made with due regard to current FRAG-UK guidelines for QoI compounds. Do not make more than two applications of AZAKA to crops of oilseed rape

Use Azaka as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control. Always use in mixture with another product recommended for control of the same target disease that contains a fungicide from a different cross-resistance group and is applied at a dose that will give robust control. No more than two foliar applications of any QoI.

RECOMMENDATIONS FOR USE IN CEREAL CROPS

On cereal crops, AZAKA must always be used in mixture with another product, recommended for control of the same target disease that contains a fungicide from a different cross resistance group and is applied at a dose that will give robust control.

As a general rule, disease control and yield benefit will be optimal when treatment is made at an early stage of development. AZAKA is a protectant treatment following a disease risk assessment or the use of appropriate decision support systems. For protection against ear disease (*Cladosporium* and *Alternaria*) apply AZAKA at ear emergence. When used to control the listed foliar diseases, AZAKA applied at the first or second node stage of the crop can reduce the severity of Take-all infection.

Rate of Application: 1.0 litre/ha

Volume of Water:

Use 200 - 300 litres of water/ha.

Crops:

AZAKA can be applied to all varieties of winter and spring barley, wheat, oats, rye and triticale.

Application Timing and Diseases Controlled

AZAKA can be applied up to and including watery ripe stage (BBCH 71). The maximum number of applications to any cereal crop is two per crop, with a minimum of 10 days between applications. Always inspect crops to assess disease development immediately before spraying. Best results will be achieved from applications made in the earliest stages of disease development or as a protectant treatment following a disease risk assessment or the use of appropriate decision support systems.

Wheat

Leaf Spot (*Septoria tritici*)

Glume Blotch (*Leptosphaeria* (syn. *Septoria*) *nodorum*)

Yellow Rust (*Puccinia striiformis*)

Brown Rust (*Puccinia recondita*)

Ear Diseases (*Cladosporium*, *Alternaria*)

Can reduce the severity of Take-all (*Gaeumannomyces graminis* var. *Tritici*)

Barley

Net Blotch (*Pyrenophora teres*)

Brown Rust (*Puccinia hordei*)

Powdery Mildew (*Erysiphe graminis hordei*) – moderate control

Leaf Blotch (*Rhynchosporium secalis*) – reduction

Can reduce the severity of Take-all (*Gaeumannomyces graminis* var. *Tritici*)

Oats

Crown Rust (*Puccinia coronata*)

Powdery Mildew (*Erysiphe graminis* f.sp.*avenae*) – moderate control

Can reduce the severity of Take-all (*Gaeumannomyces graminis* var. *Tritici*)

Rye and Triticale

Brown Rust (*Puccinia recondita*)

Leaf Blotch (*Rhynchosporium secalis*)

Powdery Mildew (*Erysiphe graminis*)

Can reduce the severity of Take-all (*Gaeumannomyces graminis* var. *Tritici*)

RECOMMENDATIONS FOR USE IN OILSEED RAPE

Before applying AZAKA, ensure the crop is free from any stress caused by environmental or agronomic effects. Best results will be achieved from applications made as a protectant treatment following a disease risk assessment or the use of appropriate decision support systems. A second treatment may be required if disease pressure remains high.

Rate of Application: 1.0 litre/ha

Volume of Water:

Use 200 - 300 litres of water/ha.

Crops:

AZAKA can be applied to all varieties of winter and spring oilseed rape.

Application Timing and Diseases Controlled

AZAKA can be applied up to full flowering: 50% flowers on main raceme open, older petals falling, (BBCH 65). The maximum number of applications to any crop is two per crop, with a minimum of 10 days between applications.

Sclerotinia stem rot (*Sclerotinia sclerotiorum*) – AZAKA should be applied as a protectant spray during flowering. The optimum timing is early flowering to mid flowering (GS60–GS65).

Dark leaf and pod spot (*Alternaria* spp.) – Apply AZAKA as a protective spray at early pod formation when the first ten pods are longer than 4 cm, before they become knobby and not later than the time the first spots are seen on the pods.

Note: an application of AZAKA against *Sclerotinia* will significantly limit the development of *Alternaria*.

PREPARATION OF SPRAYING SOLUTION

Half fill the spray tank with clean water and start the agitation. Measure out the required amount of AZAKA and pour in.

Add the remainder of the water and continue agitation until spraying is completed. Spray solutions should be used as soon as practicable after mixing.

When tank mixes are to be used, each product should be added separately to the spray tank, taking due note of any instructions given as to the order of mixing.

TANK WASHING PROCEDURE

After spraying, wash out sprayer thoroughly and dispose of washings according to DEFRA Code of Practice and local water authority guidelines.

PHYTOTOXICITY

The product is normally not phytotoxic at the recommended uses and application rates, if the instructions on the label are followed.

Certain apple varieties are highly sensitive to AZAKA. As a precaution AZAKA should not be applied when there is a risk of spray drift onto neighbouring apple crops. Spray equipment used to apply AZAKA to other crops should not be used to treat apples.

Do not apply AZAKA to any crop suffering from stress or likely to suffer from stress in the immediate future, particularly if this is due to water deficit, frost or herbicide damage.

Do not apply AZAKA if rain or frost is expected, nor if the crop is wet.

COMPATIBILITY

Azoxystrobin is compatible with most insecticides, acaricides and fungicides commonly used. It is advisable to do a compatibility test before doing tank mixtures.

SAFETY PRECAUTIONS

The (CoSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

a. Operator Protection

Do not re-enter treated areas/crops before the spray deposit is completely dry. Avoid dermal exposure. Re-entry should be done with gloves/protective clothing.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

b. Environmental Protection

Since there is a risk to aquatic life from use, users not applying the statutory buffer zone must either themselves carry out or ensure that someone else has carried out a Local Environment Risk Assessment for Pesticides (LERAP) on their behalf before each spraying operation from a horizontal boom sprayer. Users must not allow direct spray from such sprayers to fall within 5m of the top of the bank of any static or flowing waterbody or within 1m of a ditch which is dry at the time of application (these distances to be measured as set out in the booklet 'Local Environment Risk Assessment for Pesticides - Horizontal Boom Sprayers' and any amendments that are made to it) unless:

- The LERAP indicates that a narrower buffer zone will be sufficient; and
- Any measures indicated by the LERAP as justifying the narrower buffer zone are complied with in full and in accordance with any conditions applicable to them.

Spray must be aimed away from water.

The results of the LERAP must be recorded in written form and must be available for a period of three years for inspection to any person entitled to exercise enforcement powers under or in connection with the Plant Protection Products Regulations 2011 or the Plant Protection Products (Sustainable Use) Regulations 2012. (An electronic record will satisfy the requirement for a written record, providing it is similarly available for inspection and can be copied).

Detailed guidance on LERAPs and how to conduct a LERAP are contained in the booklet 'Local Environment Risk Assessment for Pesticides - Horizontal Boom

Sprayers', available from HSE Chemicals Regulation Directorate's website. All LERAPs must be carried out in accordance with this Guidance and any amendments that are made to it.

Do not contaminate surface waters or ditches with chemical or used container.

To protect aquatic organisms and non-target plants respect the necessary mitigation listed for the individual uses.

To avoid risks to man and the environment, comply with the Instructions for Use.

c. Other specific restrictions:

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 'Local Environment Risk Assessment for Pesticides Horizontal Boom Sprayers' booklet available from the HSE Chemicals Regulation Directorate's website or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

To reduce the risk of resistance developing in target diseases the total number of applications of products containing QoI fungicides made to any cereal crop must not exceed two

d. Storage and Disposal

Store in its original container in cool, dry and well ventilated place. Products should be kept away from frost and temperature should not exceed 25°C.

Shake the container well before opening and use.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

PROTECT FROM FROST



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