



TAZER

MAPP 15495

A suspension concentrate containing 250 g/L (22.9% w/w) Azoxystrobin.

A broad spectrum fungicide for the control of disease in cereals, peas, leeks, asparagus, bulb onions, carrots, field beans and oilseed rape

Net Contents: 1 – 20 L

BATCH: XXXX

PROTECT FROM FROST
SHAKE WELL BEFORE USE

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

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**IMPORTANT INFORMATION
FOR USE ONLY AS AN PROFESSIONAL FUNGICIDE**

Crop	Maximum Individual Dose (L product/ha)	Maximum Number of Treatments (per crop)	Latest Time of Application	Aquatic buffer zone distance (metres)
Wheat, Barley, Rye, Triticale, Oats	1.0	2	Up to and including watery ripe stage (GS71)	5
Peas (combining)	1.0	2	36 days before harvest	5
Peas (vining)	1.0	2	14 days before harvest	5
Bulb onions	1.0	3	14 days before harvest	6
Leeks	1.0	3	21 days before harvest	6
Carrots	1.0	3	10 days before harvest	6
Asparagus (outdoor)	1.0	3	Before senescence	5
Field Beans	1.0	2	35 days before harvest	5
Oilseed rape	1.0	2	21 days before harvest	5

Other specific restriction:

- To reduce the risk of resistance developing in target diseases the total number of applications of product containing QoI fungicides made to any cereal crop must not exceed 2

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.



Warning

Very toxic to aquatic life with long lasting effects

Collect spillage

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

SAFETY PRECAUTIONS

Operator protection

WASH SPLASHES from skin or eyes immediately

DO NOT BREATHE SPRAY

WASH HANDS AND EXPOSED SKIN before meals and after work

Environmental protection

Avoid drift on to non-target plants

Do not contaminate water with the product or container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and road

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from horizontal boom and hand-held sprayers to fall within the distance specified for the crop to the top of the bank of a static or flowing water body, or within 1 m of the top of a ditch which is dry at the time of application. For crops with 5m buffer zone only: DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1 m of the top of the bank of a static or flowing water body. 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 CRD's published guidance or the statutory buffer zone as appropriate to the crop must be maintained. BUFFER ZONES OF MORE THAN 5M ARE NOT REDUCIBLE. The results of the LERAP must be recorded and kept available for three years.

Storage and disposal

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.

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.

GENERAL INFORMATION

- TAZER contains azoxystrobin, a broad spectrum fungicide from the strobilurin group. It has systemic, translaminar and protectant properties.
- Azoxystrobin inhibits fungal respiration. Its mode of action is different from the action of other fungicidal groups. It should always be used in mixture with fungicides with other modes of action.
- TAZER shows good crop safety, disease control and maintenance of green leaf area which result in significant yield benefits.
- TAZER is best used as a protective treatment or during early stages of disease establishment. In cereals, the length of disease control is generally about 4 to 6 weeks during the period of active stem elongation, but can be more when applied at flag leaf/ear emergence.

RESTRICTIONS

- Certain apple varieties are highly sensitive to TAZER. As a precaution TAZER should not be applied when there is a risk of spray drift onto neighbouring apple crops. Spray equipment used to apply TAZER to other crops should not be used to treat apples.
- Apply TAZER under good growing conditions with adequate soil moisture. Avoid poor growing conditions which may give less reliable results.

DISEASES CONTROLLED

Wheat

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. *Triticci*)

Barley

Net Blotch (*Pyrenophora teres*)

Brown Rust (*Puccinia hordei*)

Leaf Blotch (*Rhynchosporium secalis*) – reduction

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

Oats

Crown rust (*Puccinia coronata*)

Rye and Triticale

Brown Rust (*Puccinia recondita*)

Leaf Blotch (*Rhynchosporium secalis*) – reduction

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

Peas – combining and vining

Leaf and pod spot (*Ascochyta pisi*) – useful control

When TAZER is used to control leaf and pod spot, some control of grey mould (*Botrytis cinerea*) and *Mycosphaerella* blight may be achieved

Carrots

Alternaria Leaf Blight (*Alternaria dauci*)

Powdery Mildew (*Erysiphe polygoni*)

Leeks

Leaf rust (*Puccinia porri*)

Purple blotch (*Alternaria porri*) – moderate

Bulb Onions

Downy mildew (*Peronospora destructor*) – moderate control

Asparagus

Stemphylium (*Stemphylium botryosum*) – moderate control

Rust (*Puccinia asparagi*) – moderate control

Field Beans

Rust (*Uromyces vicae-fabae*)

Oilseed rape

Dark leaf and pod spot (*Alternaria spp.*)

Sclerotinia stem rot (*S. sclerotiorum*) – moderate control

CROP SPECIFIC INFORMATION RESISTANCE MANAGEMENT

Cereals

Use TAZER as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action. You must not apply more than **2** foliar applications of QoI-containing products to any cereal crop.

There is significant risk of widespread QoI resistance occurring in *Septoria tritici* populations in Ireland. Failure to follow resistance management action may result in reduced levels of disease control.

Disease control may be reduced if strains of other pathogens less sensitive to azoxystrobin develop.

Peas (Combining and Vining), Field Beans

To avoid the likelihood of resistance developing, application of TAZER should be made with due regard to current FRAC guidelines for QoI compounds. Do not make more than two applications of TAZER to crops of combining and vining peas.

Bulb onions, Leeks and Carrots

To avoid the likelihood of resistance developing, applications of TAZER should be made with due regard to current FRAC guidelines for QoI compounds as illustrated below in the following table:

Total number of fungicide spray applications per crop	1	2	3	4	5	6	7	8	9	10	11	≥12
Maximum recommended solo QoI fungicide sprays	1	1	2	2	2	2	2	3	3	3	3	4
Maximum recommended QoI fungicide sprays in mixture	1	2	2	2	2	3	3	4	4	4	4	4

No more than 3 applications of TAZER are permitted per crop. Refer to the FRAC website for updates on recommendations for resistance management

Asparagus

TAZER contains azoxystrobin a member of the QoI cross resistance group. TAZER should be used preventatively and should not be relied on for its curative potential. Disease control may be reduced if strains of pathogens less sensitive to azoxystrobin develop,

To avoid the likelihood of resistance developing, applications of TAZER should be made with due regard to current FRAC guidelines for QoI compounds as illustrated below in the following table:

Total number of fungicide spray applications per crop	1	2	3	4	5	6	7	≥8
Maximum recommended solo QoI fungicide sprays	1	1	2	2	2	2	2	3
Maximum recommended QoI fungicide sprays in mixture	1	2	2	2	2	3	3	3

No more than 3 applications of TAZER are permitted per crop. Refer to the FRAC website for updates on recommendations for resistance management

Oilseed rape

To avoid the likelihood of resistance developing, application of TAZER should be made with due regards to current FRAG-UK guidelines on QoI compounds. Do not make more than two applications of TAZER to crops of oilseed rape. Use TAZER as part of an integrated crop management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action.

TIMING

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.

WINTER & SPRING WHEAT, WINTER & SPRING BARLEY

Timing:

Wheat BBCH 31-69;

Barley BBCH 31-59

For protection against ear diseases (*Cladosporium* and *Alternaria*) apply TAZER at ear emergence.

When used to control the listed foliar diseases, TAZER applied at the 1st or 2nd node stage of the crop can reduce the severity of Take-all infection.

Rate of use:

1.0 L product/ha.

Maximum no. applications:

2 per crop (14 day minimum interval)

Water volume:

At least 200 L water/ha. In dense crops, increase the water volume to 250–300 L water/ha to improve coverage.

WINTER & SPRING OATS, RYE & TRITICALE

Timing:

Rye and Triticale BBCH 31-69;

Oats BBCH 31-59

When used to control the listed foliar diseases in oat, rye and triticale, TAZER applied at the 1st or 2nd node stage of the crop can reduce the severity of Take-all infection.

Rate of use: 1.0 L product/ha.
Maximum no. applications: 2 per crop (14 day minimum interval)
Water volume: At least 200 L water/ha. In dense crops, increase the water volume to 250–300 L water/ha to improve coverage.

PEAS – COMBINING & VINING

Timing: BBCH 20-69
Apply TAZER 36 days pre-harvest for combining peas. Apply TAZER 14 days pre-harvest for vining peas.

Rate of use: 1.0 L product/ha. A second application may be required if disease pressure remains high; especially in combining peas.

Maximum no. applications: 2 per crop (14 day minimum interval)
Water volume: At least 200 L water/ha. In dense crops, increase the water volume to 250-300 L water/ha to improve coverage.

Peas for processing: Where the crop of peas is destined for processing, consult your processor before treating with TAZER.

Crop safety: TAZER shows good crop safety on combining and vining peas. Before applying ensure the crop is free from any stress caused by environmental or agronomic effects. Check wax level if necessary using a Crystal Violet test.

BULB ONIONS, LEEKS & CARROTS

Timing: Bulb Onions BBCH 41-48
Apply TAZER 14 days pre-harvest. For optimum downy mildew control a 12 day spray interval should be maintained. Applications on established downy mildew infection are unlikely to give reliable control.
Leeks: BBCH 41-48
Apply TAZER 21 days pre-harvest.
Carrots: BBCH 20-49
Apply TAZER 10 days pre-harvest.

Rate of use: 1.0 L product/ha
Maximum no. applications: 3 per crop;
Bulb Onions 7 day minimum interval;
Leeks 12 day minimum interval;
Carrots 10 day minimum interval

Water volume: At least 200 L water/ha. In dense crops, increase water volume to 250-300 L water/ha to improve coverage.

Processing: Where a crop is destined for processing, consult your processor before treating with TAZER.

ASPARAGUS (OUTDOOR)

Timing: TAZER can be applied until the end of September or before crop senescence, whichever is sooner.
Apply TAZER after commercial cutting. TAZER may only be applied after the harvest season (i.e. after commercial cutting). Where a new 'bed' is established, do not treat within three weeks of transplanting out the crowns.

Rate of Use: 1.0 L product/ha
Maximum no. applications: 3 per crop (10 day minimum interval)

Water volume: For conventional tractor mounted crop spraying equipment, apply in at least 600 L water/ha. For hand-held spraying equipment, apply in at least 200 L water/ha.

FIELD BEAN

Timing: BBCH 60-69
A minimum interval of 21 days must be observed between applications. A second treatment may be required if disease pressure remains high. Apply TAZER 35 days before harvest.

Rate of use: 1.0 L product/ha

Maximum no. applications: 2 per crop (21 day minimum interval)

Water volume: At least 200 L water/ha. In dense crops, increase the water volume to 250-300 L water/ha to improve coverage.

WINTER & SPRING OILSEED RAPE

Timing: BBCH 20-69
Apply TAZER 21 days before harvest.
Sclerotinia – TAZER should be applied as a protectant spray during flowering. The optimum timing is early flowering to mid flowering (GS 60-65). A second treatment may be required if disease pressure remains high.
Alternaria – Apply TAZER as a protective spray at early pod formation when the first ten pods are longer than 4cm, before they become knobbly and not later than the time the first spots are seen on the pods.
Note: an application of TAZER against *Sclerotinia* will significantly limit the development of *Alternaria*.

Rate of use: 1.0 L product/ha.

Maximum no. applications: 2 per crop (21 day minimum interval)

Water volume: At least 200 L water/ha. In dense crops, increase the water volume to 250–300 L water/ha to improve coverage.

TANK MIXING

On cereal crops, TAZER 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.

For further advice on resistance management for the QoI's contact your agronomist or specialist advisor and visit the FRAG-UK website.

MIXING AND SPRAYING

Ensure that the sprayer is clean and correctly set to give an even application at the required volume. Half-fill the spray tank with clean water and start agitation. Shake the container and add the required amount of TAZER to the sprayer using a filling device (e.g. induction bowl or closed transfer unit) or by direct addition to the sprayer tank.

Wash out containers thoroughly, preferably using an integrated pressure rinsing device, or manually rinse three times. Add washings to the sprayer at the time of filling. Complete filling to the required volume and continue to agitate throughout the spraying operation. Do not leave the spray liquid in the sprayer for long periods (e.g. during meal breaks or overnight).

Apply using a medium quality spray (BCPC) at a pressure of at least 2 bar. Apply through conventional crop spraying equipment.

Wash all equipment thoroughly with water containing a wetting agent. Spray out on a safe area, thoroughly wash out sprayer according to manufacturer's guidelines and fill with clean

~~water and leave overnight, spray out again before storing or using for another product.~~
Dispose of washing and clean containers according to DEFRA Code of Practice and local water authority guidelines.

RESISTANCE MANAGEMENT

TAZER contains azoxystrobin a member of the QoI cross resistance group. TAZER should be used preventatively and should not be relied on for its curative potential. Disease control may be reduced if strains of pathogens less sensitive to azoxystrobin develop. Use TAZER as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action. To avoid the likelihood of resistance developing, application of TAZER should be made with due regard to current FRAG-UK guidelines for QoI compounds.

INTEGRATED CROP MANAGEMENT

Laboratory data indicate that when used as directed TAZER has no adverse effects on the following beneficial species.

Earthworm (*Eisenia fetida*); Bees (*Apis* and *Bombus* spp.); Parasitic Wasps (*Trichogramma cacoeciae*, *Aphidis* spp. and *Encarsia formosa*); Aphid Predators (*Coccinella septempunctata*, *Chrysoperia carnea*, *Episyrrhus balteatus*); Predatory mites (*Phytoseiulus persimilis*, *Amblyseius degenerans*); Spider (*Pardosa* spp.); Predatory bugs (*Macrolophus caliginosus*, *Orius laevigatus*); Carabid Beetle (*Poecilus cupreus*).

COMPATIBILITY

TAZER can be tank-mixed with other pesticides, please consult your Nufarm distributor or Nufarm UK Limited.

COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under the Plant Protection Products Regulations 2011. It provides additional advice on product use at the discretion of the applicant.

ACKNOWLEDGMENTS'

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All goods supplied by Nufarm UK Ltd. are high grade and we believe them to be suitable for the purpose for which we expressly supply them: but as we cannot exercise any control over their mixing, use or application which may affect the performance of the goods 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 or our Associate Companies for any damage or injury whatsoever arising from their storage, handling, re-application or use. These conditions cannot be varied by our staff, our agents or the resellers of the product whether or not they supervise or assist in the use of such goods.