



MAPP 19416

PEEL BACK FOR DIRECTIONS FOR USE LEAFLET

**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.*Contains 1,2 benzisothiazolin-3-one, may produce an allergic reaction.***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 5 m of the top of the bank of a static or flowing water body, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. 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 must be maintained. 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.

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

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**PLAZMA**®
TURF DISEASE CONTROL**IMPORTANT INFORMATION
FOR USE ONLY AS A PROFESSIONAL FUNGICIDE**

Crop	Maximum Individual Dose (L product/ha)	Maximum Number of Treatments (per crop)	Latest Time of Application	Aquatic buffer zone distance (metres)
Managed amenity turf	1.0	2		5

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.

A suspension concentrate containing 250 g/L (22.9% w/w) Azoxystrobin. A broad spectrum fungicide for the control of disease in managed amenity turf.

Authorisation Holder & Marketing CompanyNufarm UK Limited
Wyke Lane, Wyke, Bradford, West Yorkshire,
BD12 9EJUnited Kingdom
Technical Helpline telephone
number : 01274 694714
24-hour emergency telephone
number : 01274 696603**PROTECT FROM FROST
SHAKE WELL BEFORE USE****1 L**
Grow a better tomorrow

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

- PLAZMA 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.
- PLAZMA is best used as a protective treatment or during early stages of disease establishment.

RESTRICTIONS

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

DISEASES CONTROLLED

For reduction of Dollar spot (*Sclerotinia homeocarpa*)

CROP SPECIFIC INFORMATION

RESISTANCE MANAGEMENT

- Apply QoI fungicides according to manufacturer's recommendations for the target disease (or complex) at the specific crop growth stage indicated.
- Observe spray limitations in the spray guideline table shown below for programs utilizing 12 or fewer fungicide sprays per crop.

Spray guideline table:

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

When more than 12 fungicide applications are made, observe the following guidelines:

- When using a QoI fungicide as a solo product, the number of applications should be no more than 1/3 (33%) of the total number of fungicide applications per season.
- For QoI mixes in programs in which tank mixes or premixes of QoI with mixing partners of a different mode of action are utilized, the number of QoI containing applications should be no more than 1/2 (50%) of the total number of fungicide application per season.
- In programs in which applications of QoI are made with both solo products and mixtures, the number of QoI containing applications should be no more than 1/2 (50%) of the total number of fungicide applied per season.

** Mixtures are preferred

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.

MANAGED AMENITY TURF

Timing: of infection:	Apply during growing season (March – November) before or at the beginning
Rate of use:	1.0 L product/ha.
Maximum no. applications:	2 per crop (14 day minimum interval)
Water volume:	500 L water/ha

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 PLAZMA 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 dispose of washings and clean containers according to DEFRA Code of Practice and local water authority guidelines.

RESISTANCE MANAGEMENT

PLAZMA contains azoxystrobin a member of the QoI cross resistance group. PLAZMA 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 PLAZMA 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 PLAZMA should be made with due regard to current FRAG-UK guidelines for QoI compounds.

COMPATIBILITY

PLAZMA 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 Nufarm.

ACKNOWLEDGMENTS'

[®]PLAZMA is the registered trademark of Nufarm

TERMS AND CONDITIONS OF SUPPLY, SALE OR USE

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 re-sellers of the product whether or not they supervise or assist in the use of such goods.

To access the product SDS scan the QR code or refer to the Nufarm website at <https://www2.nufarm.com/uk/>



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