

FUNGICIDE

AQ10[®]

**A water dispersible granule formulation
containing 58% w/w *Ampelomyces quisqualis* strain M-10
(minimum of 5.0×10^9 spores/g).**

A bio fungicide containing a naturally occurring hyperparasitic fungus that has not been modified in any way for reducing powdery mildew on protected aubergine, protected courgette, protected cucumber, protected melon, protected pepper, protected pumpkin, protected tomato, protected strawberry, and protected winter squash.

Product registration number: **MAPP 15518**

A parasite of and active against a wide range of powdery mildew species.

Naturally occurring fungus with a zero harvest interval.

Compatible with biological pest control and a wide range of other crop protection and production agents.



Fargro Ltd
Vinery Fields, Arundel Road,
Poling, Arundel,
West Sussex
BN18 9PY
Tel: 01903 721591
Email: info@fargro.co.uk
www.fargro.co.uk

**USE PLANT PROTECTION PRODUCTS SAFELY.
ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE**

AQ10®

- Used preventatively or at the very first sign of powdery mildew reduces levels.
- Compatible with most insecticides and some fungicides, use for resistance management and chemical residue reduction.

The following text is taken from the approved product label:

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.

DISEASE CONTROL

Powdery mildew diseases are among the most devastating diseases of cultivated crops which infect a broad spectrum of host species including protected vegetables, protected cucumber, other protected cucurbits and protected strawberry. The disease will attack all plant parts including fruit, stems and leaves with new growth being most susceptible. AQ10 will reduce powdery mildew on protected aubergine, protected courgette, protected cucumber, protected melon, protected pepper, protected pumpkin, protected tomato, protected strawberry, and protected winter squash.

CROP RECOMMENDATIONS

AQ10 can be used at all crop stages.

APPLICATION RATE & FREQUENCY

AQ10 is formulated as a water dispersible granule and can be applied with conventional spray equipment with sufficient water to ensure uniform coverage, including the underside of leaves.

Treatments should be applied preventatively before disease appears in the crop, when conditions are conducive to powdery mildew infection and development. AQ10 should not be used as a curative treatment. Application should be repeated every 7-10 days, with at least two successive applications at the rates indicated in the table

below:

Protected crop	Plant height / growing system	AQ10 application rate
Aubergine, Cucumber, Pepper & Tomato.	Up to 50cm 50 to 125cm above 125cm	35g/ha 53g/ha 70g/ha
Courgette, Melon, Pumpkin & Winter squash.	Crops not grown vertically Up to 50cm 50 to 125cm Above 125cm	70g/ha 35g/ha 53g/ha 70g/ha
Strawberry.	All growing systems.	70g/ha

AQ10 works best if applied when the humidity is high, such as early morning or late evening. It is recommended that AQ10 is applied with Nu Film P (adjuvant A0635) at a rate of 0.3 litres/ha. The efficacy of AQ10 may be improved when applied using this adjuvant.

MIXING AND SPRAYING

Half-fill the spray tank with water. Add the required quantity of AQ10 granules and leave for a minimum of 30 minutes without agitation. After the pre-soaking, continuously agitate the suspension whilst adding water to achieve the final target volume. Use entire content of mixture within the same day of mixing. The viability of *Ampelomyces quisqualis* spores may

decline if left in water for more than 12 hours.

CLEANING EQUIPMENT

Wash out spray tank, pipes and nozzles at least twice with water immediately after application and dispose of washings safely.

COMPATABILITY

AQ10 is a biological fungicide and may be affected by residues of, or subsequent applications of, other pesticide products. Consult the distributor regarding compatibility of other chemical or microbial products within a pest or disease control programme.

Do not tank mix AQ10 with any chemical pesticide or concentrated fertiliser solution without consulting the distributor.

AQ10 has been used on a wide range of

crops under a range of conditions and no phytotoxicity has been observed.

RESISTANCE

There are no reports of resistance to AQ10 however; it is good practice to use such products as components of Integrated Pest Management systems, alternating with other control measures. This is particularly important for sequential crops.

STORAGE

AQ10 contains living spores and particular care should be taken to store it properly. Store the product in a cool dry place. If stored in the original sachet AQ10 has a guaranteed shelf-life of 1 year at room temperature and at least 2 years at temperatures between 4 & 8°C.

Do not store the product in extreme heat or cold temperature. Open sachets should be completely used.

DO NOT FREEZE.

IMPORTANT INFORMATION FOR USE ONLY AS AN AGRICULTURAL / HORTICULTURAL FUNGICIDE			
Crops	Maximum individual dose (g / ha)	Maximum number of treatments (per crop)	Latest time of application
Protected crops of aubergine, cucumber, courgette, melon, pepper, pumpkin, strawberry, tomato and winter squash.	70	12	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.

AQ10 contains 58% w/w *Ampelomyces quisqualis* M-10 (5×10^9 spores /g).

S2 Keep out of reach of children.
S7 Keep container tightly closed.
S13 Keep away from food, drink and animal foodstuffs.
S20/21 When using, do not eat, drink or smoke.
S23 Do not breathe spray.
S24/25 Avoid contact with skin and eyes.
S44 In case of accident or if you feel unwell, seek Medical advice immediately (show the label where possible).

To avoid risk to man and the environment, comply with the instructions for use.

SAFETY PRECAUTIONS

Precautionary statement

Contains *Ampelomyces quisqualis* strain M-10. Microorganisms may have the potential to provoke sensitising reactions.

Do not re-enter the treated area until the spray has dried.

Operator Protection

AVOID CONTACT with SKIN.

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

Operators must WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT* when handling the product or applying the product.

*Disposable filtering facepiece respirator to at least EN149 FFP3 or equivalent.

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

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

WASH HANDS AND EXPOSED SKIN before meals and after work.

Environmental Protection

Do not contaminate water with the product or its container.

Do not clean application equipment near surface water and avoid contamination via drains from farmyards and roads.

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.

DO NOT RE-USE CONTAINER FOR ANY OTHER PURPOSE.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

CLEAN ALL EQUIPMENT after use.

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

This product is approved under the Plant Protection Regulations.

WARRANTY

The seller makes no warranty, expressed or implied, with regard to the use of the product other than that indicated on the label. The purchaser and user shall assume all risk associated with use and/or handling and/or the storage of the product, if this use and/or handling and/or storage are carried out contrary to the instructions on the label.

Approval Holder Marketing company:

Belchim Crop Protection Limited
1b Fenice Court, Phoenix Park
Eaton Socon, St. Neots - PE19 8EW
Tel.: 01480 403333 – Fax: 01480 403444
24-hour emergency number for AQ10:
0032 14 58 45 45

Safety data sheet available on request.

Pack Sizes: 10g outer of 45,
30g outer of 30.

Marketed in the UK by Fargro Ltd.

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