



Product registration number: MAPP 16596

A water dispersible granule formulation containing 500 g/kg fludioxonil.

A broad spectrum fungicide for the reduction of *Botrytis* spp., *Monilinia* spp., *Nectria* spp., *Penicillium* spp., *Alternaria* spp. and *Phyctema vagabunda* on apples, pears, crab apples and quinces.

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

In case of toxic or transport emergency ring 01484 538444 any time

Syngenta UK Limited
CPC4, Capital Park, Fulbourn, Cambridge, CB21 5XE
Tel: Cambridge (01223) 883400



This product label is compliant with the CPA Voluntary Initiative (VI) guidance.

**PROTECT FROM FROST
STORE IN A COOL, DRY PLACE**

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1kg **F**

SAFETY PRECAUTIONS

(a) Operator protection

Spray equipment must only be used where the operator's normal working position is within a closed cab on a tractor or on a self-propelled sprayer when making broadcast air-assisted applications.

Other 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 product.

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

WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking and after work.

(b) Environmental protection

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



DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 30 m of the top of the bank of a static or flowing waterbody, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5 m of the top of a ditch which is dry at the time of application. 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 or broadcast air-assisted 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.

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

(c) 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 the washings to the sprayer tank at the time of filling and dispose of container safely.

GEOXE

A water dispersible granule formulation containing 500 g/kg fludioxonil.



Signal Word

Warning

Hazard Statements

May cause an allergic skin reaction.
Very toxic to aquatic life with long lasting effects.

Precautions Statements

Keep out of reach of children.
Avoid breathing dust.
Avoid release to the environment.
Wear protective gloves/protective clothing.
IF ON SKIN: Wash with plenty of soap and water.
Do not re-enter treated areas/crops before the spray deposit is completely dry.
To protect aquatic organisms, respect an unsprayed buffer zone to surface water bodies.
Do not contaminate water with the product or its container.
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.

Supplemental Information

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

MAPP 16596**IMPORTANT INFORMATION**

FOR USE ONLY AS A HORTICULTURAL FUNGICIDE

Crops/situations	Maximum individual dose (kg product/ha)	Maximum number of treatments (per crop)	Latest time of application (days before harvest)
Apple, pears, crab apples, and quinces	0.45	2	3 days

Other Specific Restrictions: Allow a minimum of 7 days between applications. The maximum spray concentration must not exceed 0.45 kg product in 300 L of water.

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.

This leaflet is part of 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 carefully read in order to obtain safe and successful use of this product.

PROPERTIES OF GEOXE

GEOXE is a fungicide containing fludioxonil and is best used as a protectant treatment or in the earliest stages of disease development

GEOXE may be used as part of a programme of sprays. To maintain a high level of protection, and to prevent or limit the development of *Botrytis* strains less sensitive to the product, applications of GEOXE should not be made consecutively but should be used in alternation with fungicides with different modes of action, with satisfactory efficacy against the pathogen.

DISEASES CONTROLLED

When GEOXE is applied in a pre-harvest spray programme a reduction in the following orchard and storage rots may be achieved:

Botrytis spp.

Monilinia spp.

Nectria spp.

Penicillium spp.

Alternaria spp.

Phlyctema vagabunda

CROP SPECIFIC INFORMATION

Best results will be achieved from applications of GEOXE made in the earliest stage of disease development or as a protective treatment following a disease risk assessment or the use of appropriate support systems.

Rate Of Use

A rate of 0.45 kg/ha should be used for trees of 3 – 3.5m height at full canopy density. Apply in 300 -1500 l/ha of water to ensure good crop cover.

Where tree height and/or canopy density is reduced, the dose (and water volume) should be adjusted in accordance with an appropriate dose adjustment scheme. Consult Syngenta or your specialist advisor for further information. Further information on the PACE scheme is available from HDC, or see the HDC leaflet (Orchard Spraying: Opportunities to reduce rates) available on the CRD website at http://www.pesticides.gov.uk/uploadedfiles/HDC_TreeFruitDosingleaflet.pdf

Always spray to achieve a thorough and even coverage of the foliage as this will maximise the protectant properties of the product.

Where trees are significantly taller than 3.5m height, the efficacy is likely to be reduced.

Timing

For optimum results apply GEOXE as a protectant spray from BBCH 74 (fruit diameter up to 40 mm; fruit erect) to the fruit ripe stage (BBCH 89). A further application of GEOXE can be made if disease pressure remains high. Allow a minimum of 7 days between applications. Application should be made in sequence with other products as part of a fungicide programme.

The latest time of application is 3 days before harvest.

PROCESSING

Where a crop of fruit is destined for processing, consult your processor before treating with GEOXE.

RECOMMENDATIONS**Spray Volume**

Apply through broadcast air-assisted sprayers in at least 300-1500 litres of water per hectare. Water volume should be based on the size of the trees and the leaf area at application and should be sufficient to ensure good coverage.

Mixing and Spraying

Make sure the sprayer is set to give an even application at the correct volume. Fill the spray tank with half the required volume of clean water and start agitation. Add the required amount of GEOXE to the spray tank. The solution in the spray tank should be continuously agitated during mixing and continued until spraying has been completed. Thoroughly wash all spray equipment with water immediately after use.

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 (such as during meal breaks or overnight).

After Spraying

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

In order to minimise the likelihood of the development of resistance, it is recommended that GEOXE should be used in a programme with products of different chemical groups. Alternating with different modes of actions is a recognised disease resistance management strategy.

Applications of GEOXE should preferably not be made consecutively but should be alternated with fungicides with a different mode of action

This product is to be used only in accordance with the recommendations and instructions given on the labels provided with this pack.

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