



LAERTIS

Product of parallel trade (reference product: TOPAS 100 EC)
Penconazole 10% w / v ● Emulsifiable formulation (EC)

Systemic fungicide with protective and therapeutic action for the control of powdery mildew in apple, stone fruit, vine, vegetables, tobacco, floriculture and other crops.

Wide range of action (trees, extensive crops, vegetables, ornamentals).

It can be included in resistance management programs, alternating with fungicides that contain active substances of different FRAC action group.

People can access the areas that have been sprayed with the formulation without danger after the spray liquid has dried. It is not necessary to observe a safety period between application and sowing / planting of the protected crop or sowing / planting of the following crops.

According to the approval of the reference product, it does not bear the toxicity mark for bees or some precautionary phrase for them.

There is no need to wear a safety belt to protect non-targets arthropods, while for the protection of water only a non-spray zone of 5 meters in the stone fruits is required.

Short residual duration (3 days) in Cucumber, Zucchini, Pumpkin, Melon, Watermelon, Tomato, Eggplant, Pepper, Raspberry, Raspberry.

Packaging: Bottles in a box of 10, 20, 25, 35, 50, 70, 100, 200, 250 and 350 ml. HDPE f-HDPE, HDPE / PA, PET.

Bottles 10, 20, 25, 35, 50, 70, 100, 200, 250 and 350 ml. HDPE, f-HDPE, HDPE / PA, PET. Bottles 400, 500 ml. and 1 liter, 5 liters HDPE, f-HDPE, HDPE / PA PET.

THE INFORMATION WRITTEN IN THIS FORM HAS AN INFORMATIONAL CHARACTER AND DOES NOT SUBSTITUTE IN ANY CIRCUMSTANCES.

PLANT PROTECTION PRODUCTS ARE INTENDED FOR USE BY PROFESSIONAL USERS.

INSTRUCTIONS FOR USE AND PRECAUTIONS, WRITTEN ON THE LABEL MUST BE OBSERVED.

FOR MORE INFORMATION CONTACT THE TECHNICAL DEPARTMENT OF OUR COMPANY OR CONSULT THE LOCAL AGRONOMISTS.

NitroFarm SA is certified with EN ISO 9001:2015 Quality Management System and EN ISO 14001:2015 Environmental Management System



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NitroFarm

— since 1976 —

SCOPE & DOSAGE

Field of Application-Target-Doses-How and time of application-Maximum number of applications per growing season/Interval of applications in days:

Apples, Pears, Quince: For powdery mildew with 25-50 ml/100 liters spray. of liquid or 50 ml. (max) in 50-140 liter spray. of liquid/str. Foliar spray. From the fruit size stage up to 10mm until the fruit has 80% of its final size. (BBCH 71-78) ** preparation dose 0.25 l/HA LWA. Up to 3 applications 12-14 days apart.

Peaches¹, Apricot: For powdery mildew with 35-50 ml/100 liters of spray. of liquid or 75 ml. (max) in 80-150 liter spray. of liquid/str. Foliar spray. From the ovary development stage to the fruit ripening stage (BBCH 71-89). Up to 2 applications 12-14 days apart.

Vine: For powdery mildew with 30 ml/100 liters spray. of liquid or 30 ml. (max) in 50-100 liter spray. of liquid/str. Foliar spray. From the appearance of the inflorescence to the closure of the bunch (BBCH 53-79). Up to 3 applications with an interval of 10-14 days.

Artichoke: For powdery mildew with 50 ml. (max) in 50-100 liter spray. of liquid/str. Foliar spray. From the initiation of flower stem elongation to harvest (BBCH 51-81). Up to 2 applications with an interval of 10-12 days.

Strawberry (field, greenhouse): For powdery mildew with 50 ml/100 liters spray. of liquid or 50 ml. (max) in 50-100 liter spray. of liquid/str. Foliar spray. From the beginning of the growth of stolons (visible, about 2cm) to the harvest (BBCH 41-89). Up to 2 applications 10-14 days apart.

Cucumber-Watermelon-Melon-Pumpkin (field-greenhouse): For powdery mildew with 35-50 ml/100 liters of spray. of liquid or 50 ml. (max) in 50-120 liter spray. of liquid/str. Foliar spray. From the beginning of flowering to harvest (BBCH 51-89). Up to 2 applications 10-14 days apart.

Pumpkin (field-greenhouse): For powdery mildew with 35-50 ml/100 liters of spray. of liquid or 50 ml. (max) in 50-120 liter spray. of liquid/str. Foliar spray. From the beginning of flowering to harvest (BBCH 51-79). Up to 2 applications 10-14 days apart.

Peppers (Field, greenhouse): For powdery mildew with 35-50 ml/100 liters of spray. of liquid or 50 ml. (max) in 50-100 liter spray. liquid/str. Foliar spray. From the appearance of the 5th flower to harvest (BBCH 55-89). Up to 2 applications with an interval of 10-12 days.

Eggplant (Field-Greenhouse): For powdery mildew with 35-50 ml/100 liters of spray. of liquid or 50 ml. (max) in 50-100 liter spray. liquid/str. Foliar spray. From the beginning of flowering to harvest (BBCH 51-89). Up to 2 applications with an interval of 10-12 days.

Tomato (Field-Greenhouse): For powdery mildew with 35-50 ml/100 liters of spray. of liquid or 50 ml. (max) in 50-100 liter spray. liquid/str. Foliar spray. From the development of the first lateral shoot to the harvest (BBCH 21-89). Up to 2 applications with an interval of 10-12 days.

Tobacco: For Mildew with 50 ml. (max) in 20-100 liter spray. liquid/str. From lateral shoot development to harvest (BBCH 20-99). Up to 2 applications 10-14 days apart.

Raspberries, Blueberries: For powdery mildew with 40 ml/100 liters spray. of liquid or 40 ml. (max) in 50-100 liter spray. liquid/str. Foliar spray. Apply before harvest (Up to BBCH 89). Up to 1 application.

Floriculture (Field, greenhouse), Rose: For Sphaerotheca pannosa, Phragmidium sp., Begonia: For Erysiphe sp., Dahlia: For Sphaerotheca sp., Calendula: For Oidium sp., Puccinia sp., Chrysanthemum: For Puccinia horiana, Geranium: For Puccinia pelargonii-zonalis, Carnation, Potentilla, Althea: For Puccinia sp., Angeliki: For Oidium evonymi japon, Japanese spindle tree: For Oidium sp., with 30-50 ml/100 liters spray. of liquid or 50 ml. (max) in 50-100 liter spray. liquid/str. Foliar spray. From the development of the 3rd true leaf/whorl/pair of leaves to the ripening of the seeds/fruits (BBCH 13-89). Up to 2 applications 7-12 days apart.

Okra (A)* (Minor Use): For Powdery Mildew with 35-50 cc/100 liters spray. of liquid or 50 ml. (max) in 50-100 liter spray. liquid/str. Foliar spray. From the opening of the first flower to the harvest (BBCH 51-79). Up to 2 applications 10 days apart.

Ornamental trees* (Minor use): For powdery mildew with 35-50 cc/100 liters spray. of liquid or 75 ml. (max) in 80-150 liter spray. liquid/str. Up to 3 sprays, spring to autumn.

Ornamental Shrubs* (Minor Use): For Powdery Mildew with 30-50 cc/100 liters spray.

of liquid or 50 ml. (max) in 50-100 liter spray. liquid/str. Up to 2 sprays, spring to autumn.

Remarks: 1. The use in peach includes nectarine. ** HA LWA: 10,000 m² area of crown surface. -Do not apply to crops intended for processing (tomato, strawberry). * "The effectiveness has not been documented and has not been tested for possible adverse effects on okra cultivation from the use of the preparation. For this use, the licensee is not responsible for possible failures related to the effectiveness or phytotoxicity of the use of the preparation".

Special agricultural, phytosanitary or environmental conditions under which the preparation may be used or excluded: per growing season, in the other crops (stone fruit, strawberry, artichoke, pepper, okra, tomato, eggplant and ornamental) the interventions with the preparation should not exceed two (2) per growing season. -To avoid the development of resistance, do not exceed the sprays with fungicides DMIs 50% of the total operations. -In cases of very high infections or in very late therapeutic applications, apply alternations of fungicides of different groups or mixtures of fungicides with different mode of action.

Safety time between application and human or animal access to the culture to which the preparation has been applied: Entry is permitted when the spray solution has completely dried on the leaf surfaces of the crops.

Method of application: One hundred leaves.

How to prepare the spray liquid: Fill the spray can with water halfway. Add the required amount of preparation while stirring and fill with the remaining water while continuing to stir.

Elements of phytotoxicity, susceptibility of varieties and any other side effects on plants or their products: It is not phytotoxic when applied according to the instructions for use. For use in floricultural plants in the case of varieties that are not very common or have recently been introduced in the country, do small-scale tests before extending the application to a large scale.

Instructions for the safe disposal of the plant protection product and the packaging: The empty packaging means (vials, flasks) are rinsed under pressure with a special mechanism or triple rinsing (pour the rinsing water into the spray liquid) and after previously destroying them with a hole torn boxes to ensure no further use, are all disposed of at collection points, for recycling or energy recovery.

Last operation before harvest or before placing on the market when it comes to post-harvest uses (days): Apples, Pears, Quinces, Apricots, Peaches, Nectarines, Artichokes, Table vines, Tobacco: 14. Wine vines: 21. Strawberries (Y, A), Cucumber, Pumpkin, Melon, Pumpkin, Watermelon (Y, A), Tomato, Pepper, Eggplant (Y, A), Raspberries, Blueberries: 3. Okra (A): 7. Flowering, Ornamental trees, Ornamental shrubs: D/O.

Storage conditions, time stability of the formulation: Store in the original closed package in a cool, dry and well-ventilated place away from direct sunlight. In these conditions it is kept stable for two (2) years.

