



Fosetyl-Al 80% w/w
Wettable Granules (WG)
Chemical Group: Alkyl Phosphates

GRIFOS

Systemic fungicide with protective and therapeutic action

Category and mode of action: Systemic fungicide with protective and curative action. Fosetyl-Al belongs to the phosphonate compounds and acts by inhibiting the germination of spores or the growth of mycelium and the formation of spores. Thanks to its systemic action (it moves up and down), it achieves the stimulation of the natural defenses of the plant and acts effectively against Oomycetes (Downy Mildew, Phytofluorescein) as well as against diseases caused by bacteria, such as Bacterial Blight (*Erwinia amylovora*).

Field of Application Target - Doses - Method and time of application - Maximum Number of applications per growing season / Application interval in days:

Citrus fruits⁽²⁾ (Orange, Lemon, Mandarin, Grapefruit): For Phytophthora (*Phytophthora* sp.). i) with 200-300 g/100 liters of spray liquid or 200-600 g in 100-200 liters of spray liquid/acre. One spray per month starting from the swelling of the buds and until the ripening of the fruits (BBCH 51-89). 1-2 applications / 30 days. ii) with 400 g/100 liters of spray liquid or 500 g in 125 liters of spray liquid/acre. Application in the nursery/seedbed. 1-2 applications / 60 days. iii) with 250 g/100 liters of liquid spray (2.5 g of powder/liter). 1 application with spreading.

Apple tree⁽³⁾: i) For *Fusicladium* (*Venturia inaequalis*) with 150-250 g/100 liters of liquid spray or 150-375 g in 100-150 liters of liquid spray/hectare. Preventive sprays starting before the start of flowering and until the fruits have reached approximately 70% of their final size (BBCH 54-77). 1-2 applications / 7-12 days. ii) For Phytophthora of neck and roots (*Phytophthora cactorum*) with 250 g/100 liters of spray liquid or 250-375 g in 100-150 liters of spray liquid/ha. Foliar sprays from the beginning of fruit set until the beginning of ripening (BBCH 61-83). 1-2 applications / 30 days. iii) For Bacterial blight (*Erwinia amylovora*) with 250 g/100 liters of spray liquid or 250-375 g in 100-150 liters of spray liquid/ha. Preventive sprays shortly after the beginning of flowering and until the fruits have reached more than half their final size (BBCH 61-75). 1-2 applications / 7 days.

Grapevine (table & wine): For Downy Mildew (*Plasmopara viticola*) with 250 g/100 liters of liquid spray or 250 g in 100 liters of liquid spray/hectare. Preventive sprays from the 5-leaf stage to the "closure" of the bunch (BBCH 15-79). 1-4 applications / 7-12 days.

Strawberry⁽⁴⁾ (F+G): For Neck and root rot (*Phytophthora cactorum*), (*Phytophthora fragariae*). i) with 250 g/100 liters of liquid spray or 250 g in 100 liters of liquid spray/hectare. Preventive sprays until flowering (BBCH 12-59). 1-3 applications / 8-10 days. ii) with 250 g/100 liters of spray liquid (spray volume: 10 liters/acre). Root dip before planting. 1 application.

Tomato (F+G): For Downy Mildew (*Phytophthora infestans*) with 200-300 g/100 liters of spray liquid or 200-300 g in 100 liters of spray liquid/acre. Preventive foliar sprays (BBCH 14-89). 1-3 applications / 8-10 days.

Cucumber (F+G), Zucchini / Courgette (F+G): For Downy Mildew (*Pseudoperonospora cubensis*) with 200-300 g/100 liters of spray liquid. liquid or 160-300 gr. in 80-100 liters of liquid spray/acre. Preventive foliar sprays (BBCH 14-89). 1-3 applications / 8-10 days.

Melon (F+G), Watermelon (F+G), Pumpkin (F+G): For Downy Mildew (*Pseudoperonospora cubensis*) with 200-300 gr./100 liters of liquid spray or 160-300 gr. in 80-100 liters of liquid spray/acre. Preventive foliar sprays (BBCH 14-89). 1-2 applications / 8-10 days.

Lettuce (F+G): For Downy Mildew (*Bremia lactucae*) with 200-300 gr./100 liters of liquid spray. liquid or 100-300 gr. in 50-100 liters of liquid spray/acre. Preventive foliar sprays (BBCH 14-45). 1-3 applications / 10-14 days.

Ornamentals⁽¹⁾ (F+G): For Phytophthora (*Phytophthora* sp.). i) with 250 gr./100 liters of liquid spray or 250-300 gr. in 100-120 liters of liquid spray/acre. Preventive foliar sprays. 1-3 applications / 30 days. ii) with 5-10 gr./ Sq. meter (liquid spray volume: 100 liters/acre). 1-2 applications with root irrigation / 30 days.

Remarks: ¹Before applying the preparation to ornamental plants, a small-scale test application should be carried out. ²Maximum number of applications in Citrus cultivation 4 times per growing season. ³Maximum number of applications in Apple cultivation 3 times per growing season. ⁴Maximum number of applications in Strawberry cultivation 3 times per growing season.

Specific agricultural, phytosanitary or environmental conditions under which the preparation may be used or excluded: Resistance management: The preparation contains the active substance fosetyl-Al, which belongs to group 33 according to FRAC. It is recommended to alternate with fungicides that do not belong to this group, in order to avoid the development of resistance.

Safety interval between application and i) sowing or planting of the protected crop: ---, ii) sowing or planting of the following crops: ---, iii) access of humans or animals to the crop to which the preparation has been applied: Do not enter the field before the spray liquid has completely dried on the leaf surface. Phytotoxicity data, varietal sensitivity and any other side effects on plants or their products: It is not phytotoxic to approved crops, for the recommended doses and application instructions.

Method of application: Foliar sprays.

Method of preparation of spray liquid: Fill the sprayer tank halfway with water. Add the recommended dose of the preparation to the sprayer by stirring, and top up with water while stirring continuously.

Compatibility: Compatibility with other plant protection products has not been tested.

Last application before harvest or before placing on the market for post-harvest uses: Tomato (F+G), Cucumber (F+G), Zucchini/Murcus (F+G), Melon (F+G), Watermelon (F+G), Pumpkin (F+G): 3 days. Strawberry (F+G) foliar spray: 14 days.

Strawberry (F+G) root dip: ---. Oranges, Lemons, Tangerines, Grapefruit, Lettuce (F+G): 15 days. Apple, Grapevine (table & wine): 28 days. Ornamentals: ---.

Storage conditions, temporal stability of the preparation: The preparation remains stable for two (2) years, when stored, in its original closed packaging, in a cool, dry and well-ventilated place.

PACKAGES: 150gr / 500gr / 1Kg / 1,25Kg / 2,5Kg / 5Kg

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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06/2025



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