

Actinovate® AG

BIOLOGICAL FUNGICIDE

Actinovate® AG

biological
fungicide

ACTIVE INGREDIENT, (% w/w)
Streptomyces lydicus WYEC 108* 0.037%
OTHER INGREDIENTS 99.963%
TOTAL 100.000%

* End-use product contains not less than 10 million (1 X 10⁷) colony forming units per gram (dry wt) Streptomyces lydicus WYEC 108

Keep Out of Reach of Children CAUTION

See complete label for additional precautionary statements, first aid, complete directions for use and warranty.
For product use information call: 1-800-245-4104

For Medical, Transportation, Spill, or other Emergencies, call the poison control center at 1-800-222-1222

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 - 20 minutes.• Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.

NOT LINE NUMBER
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of an emergency involving this product, or for medical assistance call the poison control center at 1-800-222-1222.

EPA Reg. No.: 73314-20

EPA Est. 73314-WI-002

Novozymes BioAg Inc. 3101 W. Custer Ave. Milwaukee WI, 53209 1-800-245-4104

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Batch Code: _____ Net for sale or use after: _____



Net Weight
5 lb (2.3 kg)

novozymes

Easy-to-Use Formulation

OMRI listed for Organic Production



SCAN FOR MORE INFO

What is Actinovate?

Actinovate AG is biological fungicide for the suppression or control of a broad range of soil-borne and foliar diseases across multiple crops for agricultural and greenhouse uses.

Active ingredient: *Streptomyces lydicus* WYEC 108

Origin: Isolated from the roots of linseed plants

Mode of Action

- Colonizes the leaf/root and prevents pathogen colonization
- Produces antibiotics that kill disease causing agents
- Produces powerful antifungal enzymes
- Actively seeks out and kills pathogens

Benefits of Actinovate?

- Beneficial bacteria with multiple modes of action
 - 0-day pre-harvest interval (PHI)
 - 4-hour restricted entry interval (REI)
 - Broad spectrum activity on both soil and foliar diseases
 - Immediate plant-back
 - OMRI listed
-

Application Rates

Soil Application

As a preventative measure, apply Actinovate as early as possible to the plant's root system, and reapply every 2-12 weeks as needed.

For root-zone applications, drench with 4-6 ounces of Actinovate per 100 gallons of water (1/2 - 1 teaspoon per gallon). This solution should be watered into damp soils.

Foliar Application

In foliar applications, it is best to apply prior to disease development, or at the first signs of pathogen infection, and repeat at 7-14 day intervals to protect new foliage.

Foliar applications, dissolve 170 - 240 grams of Actinovate in 50-100 gallons of water (1/2 - 1 teaspoon per gallon). Spray leaves, stems, and new shoots to wet, but not quite to run off, providing complete coverage of the entire plant.

Green House Application

In greenhouses and nurseries, Actinovate can be applied to the foliage and root zone via chemigation at a rate of 1-12 ounces of Actinovate per 10-200 gallons of water, depending on the desired application (1/2 - 2 tablespoons per gallon).

Targeted Diseases of Actinovate



Damping off



Phytophthora rot



Sclerotinia rot



Pythium



Rhizoctonia solani



Bacterial wilt



Fusarium wilt



Anthracnose



Downy mildew



Powdery mildew



Cercospora leaf spot



Stem rot



Gummy stem



Botrytis (gray mold)



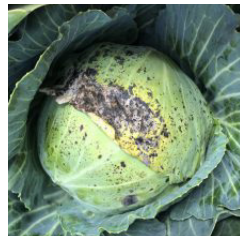
Cercospora spot



Bacterial leaf





Bacterial spec




Alternaria


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 FT Farfan ALG (Agriculture, Lawn and Garden) Division