

Plant biosolutions

Actinovate®

Biocontrol solution

Protect your crops and enhance your integrated pest management system with Novonesis Actinovate®, a naturally-occurring *Streptomyces*-based biological powerhouse with multiple modes of action. Flexible and easy to use, Actinovate® products suppress/control a broad range of soil and foliar diseases across multiple crops. With Actinovate® there's no risk of developed resistance, it's safe for pollinators and other beneficial insects.

Active ingredient	*Streptomyces lydicus* strain WYEC 108
Formulation	Water soluble powder

Actinovate®
is OMRI-Listed

Features & benefits

- Now with a 2-year shelf life
- Beneficial bacteria with multiple modes of action
- Broad spectrum activity on both soil and foliar diseases
- Suitable for integrated pest management systems
- 0-day pre-harvest interval (PHI)
- 4-hour restricted entry interval (REI)
- Immediate plant-back



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novonesis.com/en/plant

For more information contact your local representative or visit www.rovensanext-na.com

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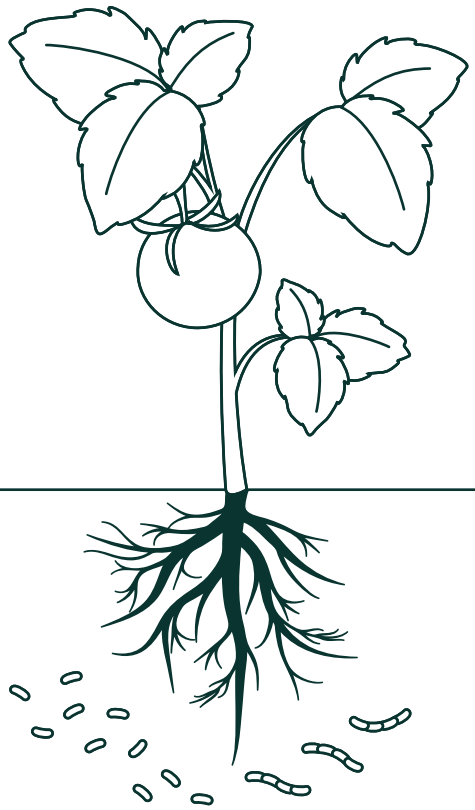
What is Actinovate®?

- Actinovate® consists of the active *Streptomyces lydicus* strain WYEC 108, which colonizes roots and plant tissues.
- Streptomyces feed on dead plant matter and utilize surrounding material to grow along with roots and plant cells.
- Actinovate® produces iron scavenging siderophores, as well as a secondary metabolite Chitinase, which is an enzyme that actively breaks down chitin in the pathogens cell walls. With this combination of Chitinase and siderophore production, it actively seeks out and kills pathogens.

Package & application

Actinovate® AG – agricultural and greenhouse uses	12 x 18 oz (510 g) bags 4 x 5 lb (2.27 kg) bags
Actinovate® Lawn and Garden – residential home and garden uses	12 x 18 oz (510 g) bags 12 x 2 oz (57 g) bags
Actinovate® SP – nursery, turf and ornamental uses	12 x 18 oz (510 g) bags

Application rate varies by crop; see specific Actinovate® label for details.



Disease targets of Actinovate®

Aerial: Monilina, Powdery & Downy Mildew, Botrytis, Alternaria, Anthracnose, Erwinia amylovora, Taphrina deformans, Xanthomonas fragariae, Plasmodiophora brassicae, Pseudomonas syringae

Soil: Pythium, Phytophthora, Rhizoctonia, Sclerotinia, Fusarium, Verticilium, Alternaria

Novonesis is leading the era of biosolutions.

By leveraging the power of microbiology with science, we transform the way the world produces, consumes and lives. In more than 30 industries around the world, our biosolutions are already creating value for thousands of customers and benefiting the planet. Our 10,000 people worldwide work closely with our partners and customers to transform business with biology. Let's better our world with biology.

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