

The Bayer Commitment to Helping You Grow On

At the heart of our efforts in partnering with you is a commitment to three core areas in which we believe our products can have the greatest impact on agricultural sustainability:

Plant Health Improvement

Unique products that promote plant health for improved nutrient and water uptake and disease resistance

Biodiversity Preservation

Newer, safer formulations that target pests, help preserve beneficials and manage resistant diseases

Farm Safety

Innovative portfolio, including products with fewer restrictions, that can help reduce applications and lower worker exposure

Innovative Solutions for Pome/Stone Crops



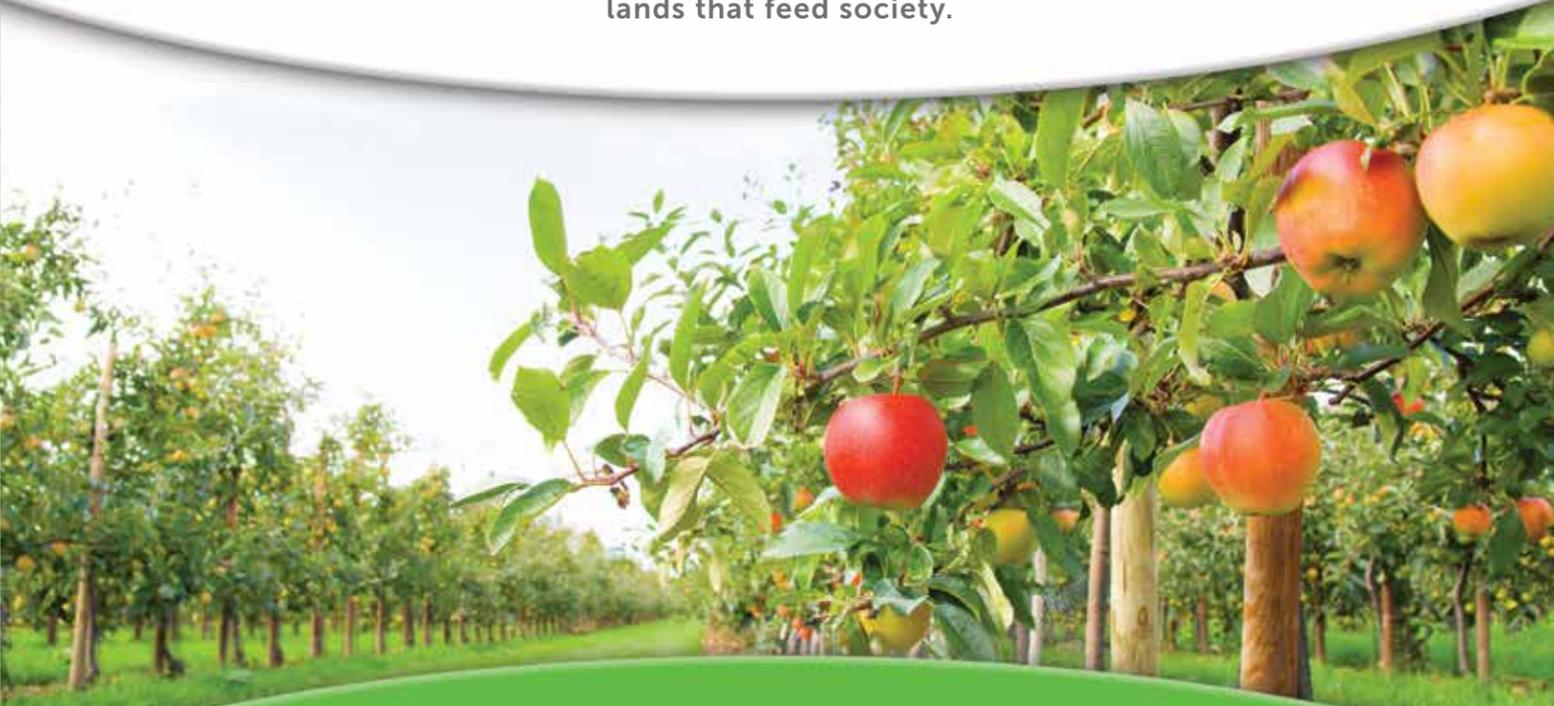
Visit GrowOn.Bayer.us for more information

IMPORTANT: This bulletin is not intended to provide adequate information for use of these products. Read the label before using these products. Observe all label directions and precautions while using these products.

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Empowering growers to steward the lands that feed society.



You work hard to build the farms that sustain us all, ensuring a safe, nutritious and affordable food supply for a growing global population.

Profitable farms are vital for food security and prosperous societies, and these farms can continuously strengthen their operations and steward the environment to ensure sustainable farming for generations to come.

With modern agricultural methods, we can achieve greater yields from existing farmland and steward healthy ecosystems.

At Bayer, we want to partner with you to Grow On by helping to identify, apply and communicate sustainable farm practices.



Partnering Together for Sustainable Pome / Stone Fruit



WATER

BAYER SOLUTIONS

Optimize plant water usage and quality

- Suppress nematode populations, which, if left unchecked, can damage a tree's root system and impair water uptake. Trees develop healthier roots and use water more efficiently to increase harvestable produce and potentially lower annual water applications. (Note: claim only applies to stone fruit crops.)
- Eliminate tough weeds that directly compete with a crop for precious water resources.
- Help plant roots gain the mass and depth they need to improve water uptake and better deal with drought stress.

Movento® and Ultor® insecticide

Alion® and Rely® 280 herbicides

Serenade® and Aliette® fungicides (Aliette is registered for pome and non-bearing stone fruit.)



BIODIVERSITY

BAYER SOLUTIONS

Use Integrated Pest Management to manage pests with minimal environmental impact

- Stay in harmony with Integrated Pest Management practices by using products that target pests with minimal impact on beneficial insects.
- Promote a balanced ecosystem by controlling resistant weeds.
- Consider alternative biological modes of action to combat resistant diseases and lower overall chemistry load.
- Reduce overwintering diseases and promote more robust spring tree growth.
- Take advantage of flexible application timings for at-bloom and pre-harvest applications, which allow season-long pest and disease control with minimal impact on beneficials and pollinators.
- Activate a plant's natural defenses to induce systemic responses, which increases the plant's ability to overcome adverse environmental factors.

Movento, Ultor and Sivanto™ insecticides

Alion and Rely 280 herbicides

Serenade fungicide

Luna® fungicides

Serenade fungicide, Sivanto insecticide

Serenade and Aliette fungicides (Aliette is registered for pome and non-bearing stone fruit.), Admire® Pro insecticide



FOOD WASTE

BAYER SOLUTIONS

Reduce food waste, prevent pre-harvest loss and extend post-harvest shelf life

- Protect fruit against in-season and post-harvest diseases resulting in higher quality, less-blemished fruit that is less susceptible to storage rot pathogens.
- Protect produce with late season applications to maintain better quality through transit and storage so it is less likely to be discarded as food waste.

Luna fungicides

Luna and Serenade fungicides



SOIL HEALTH

BAYER SOLUTIONS

Improve soil health and plant nutrient uptake

- Improve root nutrient uptake by suppressing nematode populations, which can severely degrade root health.
- Increase fertilizer available for plant uptake by reducing weed competition.
- Reduce soil compaction by utilizing chemigation to lower annual orchard spray applications.
- Reduce soil compaction by utilizing efficacious products to lower annual orchard spray applications.

Movento and Ultor insecticides

Alion and Rely 280 herbicides

Admire Pro and Sivanto insecticides, Serenade fungicide

Admire Pro, Movento and Ultor insecticides, Luna fungicides, Alion herbicide



GREENHOUSE GASES

BAYER SOLUTIONS

Lower GHG emissions and fuel use

- Reduce equipment passes and spray applications by delivering crop protection through pre-existing irrigation systems.
- Cut down on total field applications and equipment passes with products that have strong residual power.

Serenade fungicide, Admire Pro and Sivanto insecticides

Alion herbicide, Admire Pro, Ultor and Movento insecticides, Luna fungicides



LABOR

BAYER SOLUTIONS

Ensure safe work environments

- Get the convenience and safety of 12-hour re-entry intervals and non-restricted chemistry.
- Work more efficiently with four-hour re-entry intervals and zero-day pre-harvest intervals.
- Avoid the extra oversight of a certified applicator by using non-restricted use products.
- Utilize products that received EPA's "Reduced Risk" designation, which indicates "less risk to human health and the environment than existing conventional alternatives".*
- Increase labor safety with the easyFlow closed filling and cleaning system. Bayer developed easyFlow in collaboration with agrotop GmbH to help small-scale growers reduce worker exposure to crop protection products and minimize the risk of unintentional product spills.
- Apply products that have the "caution" signal word (lowest required signal word) and have indications of low acute toxicity.

Alion herbicide

Serenade fungicide

Movento insecticide, Rely 280 herbicide

Movento and Sivanto insecticides

easyFlow

Admire Pro, Movento and Sivanto insecticides, Luna and Serenade fungicides, Velum® nematicides

*<https://www.epa.gov/pesticide-registration/conventional-reduced-risk-pesticide-program>

