



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

Improved Crop Safety

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

Innovative Solutions for Pome/Stone Crops



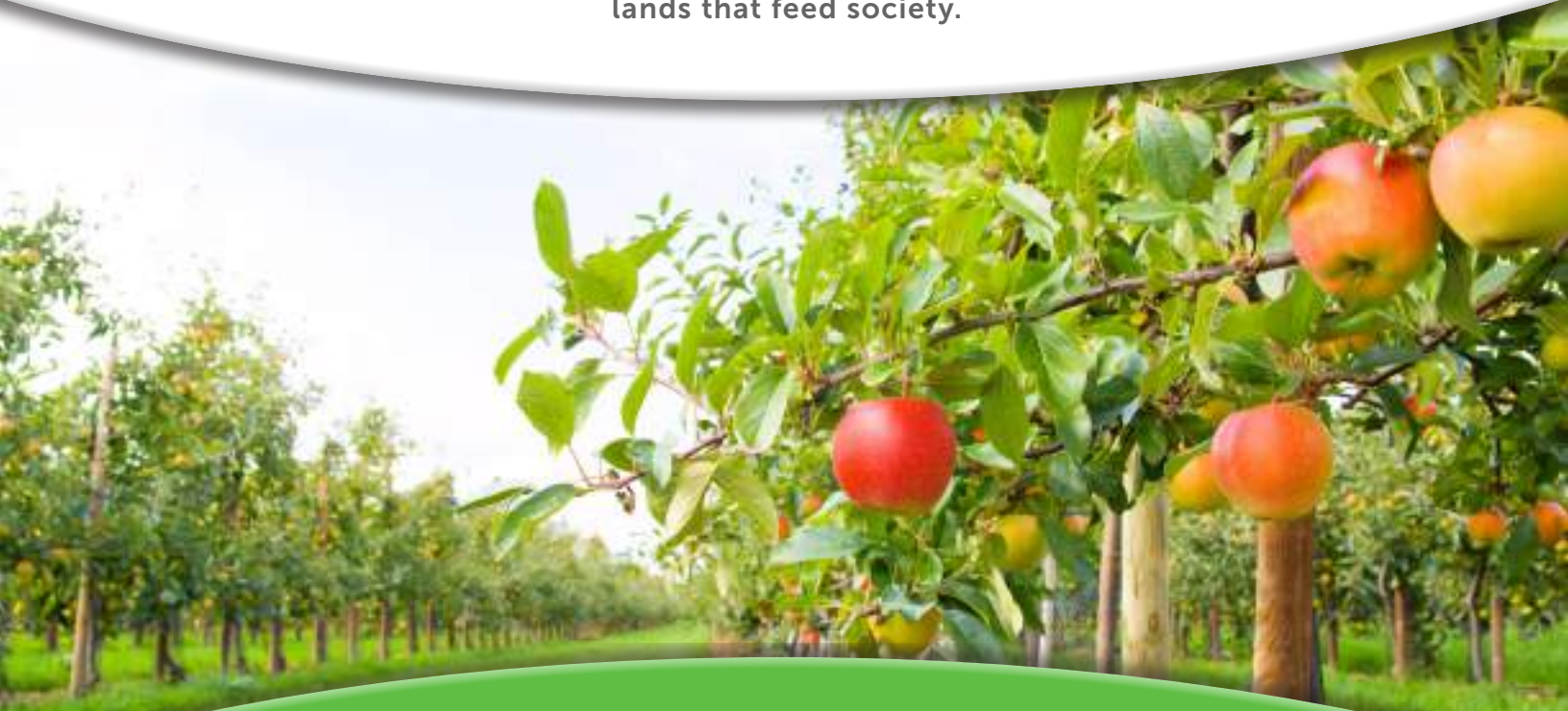
Visit GrowOn.Bayer.us for more information

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.





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.





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® herbicide

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 specific pests, but have minimal impact on beneficial insects.
- Promote a balanced ecosystem by controlling herbicide resistant and invasive weed species.
- Consider alternative biological modes of action to combat resistant diseases.
- 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 stress factors.

Movento, Ultor and Sivanto™ insecticides

Alion herbicide

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

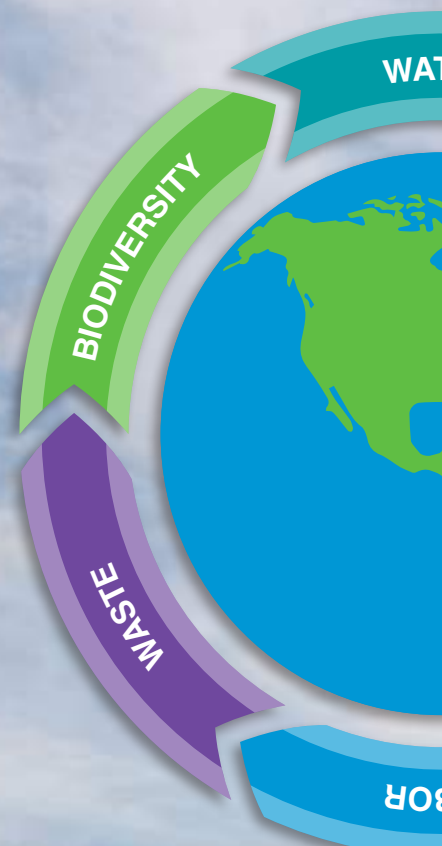
BAYER SOLUTIONS

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



Sustainable Pome / Stone Fruit



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 and efficacious products to lower annual orchard spray applications.

Movento and Ultor insecticides
 Alion herbicide
 Admire Pro, Movento, Ultor and Sivanto insecticides, Serenade and 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 long residual effectiveness.

Serenade fungicide, Admire Pro and Sivanto insecticides
 Alion herbicide, Admire Pro, Ultor and Movento insecticides, Luna fungicides



LABOR

BAYER SOLUTIONS

Improved work environments

- Non-restricted chemistry with the convenience of 12-hour re-entry interval.
- Provide more flexibility and efficiency with shorter re-entry intervals and zero-day pre-harvest intervals.
- Avoid the extra oversight of a certified applicator by using non-restricted use products.
- Apply products that have the "caution" signal word (lowest required signal word) and have indications of low acute toxicity.
- 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.

Alion herbicide
 Serenade fungicide
 Movento insecticide
 Admire Pro, Movento and Sivanto insecticides, Luna and Serenade fungicides, Velum® nematocides
 easyFlow