

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

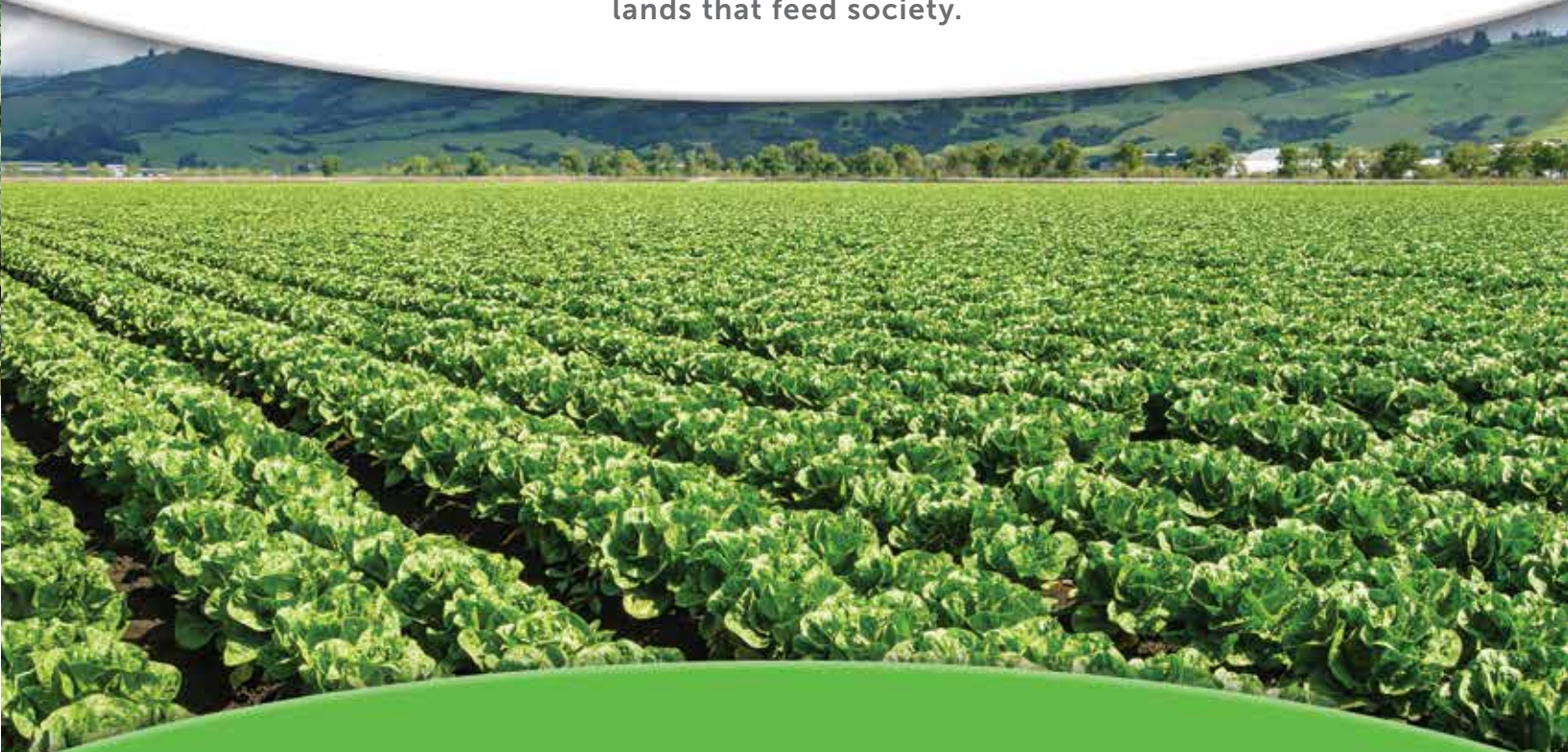
Farm Safety

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

Innovative Solutions for Vegetable Crops



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.

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.



Partnering Together for Sustainable Vegetables

WATER **BAYER SOLUTIONS**

Optimize plant water usage and quality

- Suppress nematode populations, which, if left unchecked, can damage a plant's root system and impair water uptake. Plants develop healthier roots and use water more efficiently to increase harvestable produce and potentially lower annual water applications.
- Help plant roots gain the mass and depth they need to improve water uptake and better deal with drought stress.

Movento® insecticide and Velum® nematicides

Serenade® fungicide

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.
- Consider alternative biological modes of action to combat resistant diseases and lower overall chemistry load.
- 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 and Oberon® and Sivanto™ insecticides

Serenade fungicide

Serenade fungicide, Sivanto insecticide

Serenade fungicide, Admire® Pro insecticide

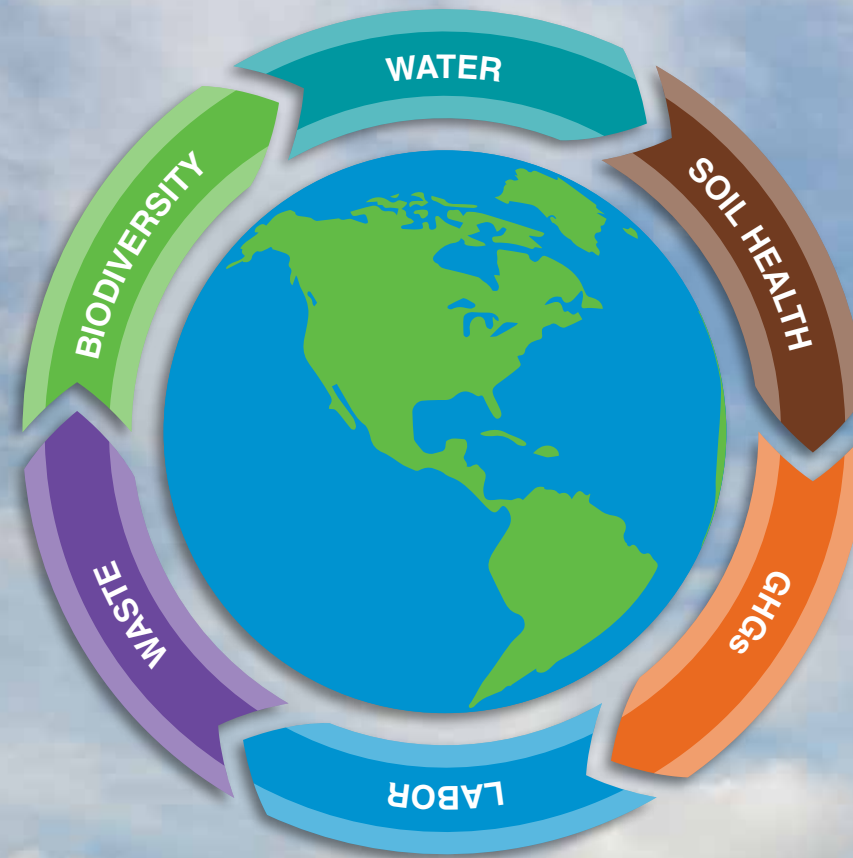
FOOD WASTE **BAYER SOLUTIONS**

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

- Protect produce against in-season and post-harvest diseases resulting in higher quality, less-blemished produce that is less susceptible to storage rot pathogens.
- Protect produce through late-season fungicide 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

- Target plant pathogens and nematodes with minimal impact on beneficial soil microbes.
- Improve root nutrient uptake by suppressing nematode populations, which can severely degrade root health.
- Improve plant nutrient uptake by improving root health and nutrient solubilization.
- Reduce soil compaction by utilizing chemigation to lower annual field spray applications.
- Reduce soil compaction by utilizing efficacious products to lower annual field spray applications.

Velum nematicides

Movento insecticide, Velum nematicides

Serenade fungicide

Velum nematicide, Admire Pro and Sivanto insecticides, Serenade fungicide

Admire Pro and Movento insecticides, Luna fungicides

CO₂ **GREENHOUSE GASES** **BAYER SOLUTIONS**

Lower GHG emissions and fuel use

- Reduce equipment passes and lower annual fuel consumption by utilizing efficacious products.
- Reduce equipment passes through chemigation.

Admire Pro and Movento insecticide, Luna fungicides

Velum nematicides, Admire Pro and Sivanto insecticides, Serenade fungicide

LABOR **BAYER SOLUTIONS**

Ensure safe work environments

- Reduce reliance on fumigant treatments by using modern chemistries.
- 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".*
- Apply products that have the "caution" signal word (lowest required signal word) and have indications of low acute toxicity.
- 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.

Velum nematicides, Movento insecticide

Serenade fungicide

Movento insecticide, Velum nematicides

Movento and Sivanto insecticides

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

easyFlow

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