

ALMOND

# Sustainable Agriculture

Abound® flowable fungicide, Agri-Mek® SC miticide/insecticide, Besiege® insecticide, Broadworks® herbicide, Clinch® ant bait, Gramoxone® SL 2.0 herbicide, Inspire® fungicide, Inspire Super® fungicide, Minecto® Pro insecticide, Princep® 4L herbicide, Princep® Caliber 90® herbicide, Proclaim® insecticide, Quadris Top® fungicide, Ridomil Gold® SL fungicide, Tilt® fungicide, Vanguard® WG fungicide, Warrior II with Zeon Technology® insecticide

As the heart of the agriculture industry, growers are relied upon to produce enough food, fiber and fuel for a growing global population.

At Syngenta, we know growers work hard every day to meet the demands of a growing world while sustaining the land that is their lifeblood.

As consumers desire more transparency to the products they purchase, we help growers put faces and stories to the goods they deliver.

By partnering with growers and providing the tools and technology to promote progress in agriculture we can, together, create a more sustainable industry for future generations.



syngenta®



## Resource Use Efficiency

### Syngenta Solutions

Reduction of insect and mite pests will increase crop yield potential and quality and help ensure maximum benefits from inputs to the crop including land, seed, fertilizer and water

Warrior II with Zeon Technology, Agri-Mek SC, Besiege, Minecto Pro and Proclaim

Effective control of almond aerial and soil diseases helps increase yield and ensure maximum benefit from inputs to the crop such as land, seed, fertilizer and water from the soil or from irrigation

Abound, Inspire, Inspire Super, Quadris Top, Ridomil Gold, Tilt and Vanguard

Preventing weed emergence and eliminating existing weeds to help maintain weed-free, tree-row strips by allowing more efficient use of water and nutrients improving tree growth and yield

Broadworks, Princep 4L, Princep Caliber 90 and Gramoxone

## Harvest Losses

### Syngenta Solutions

Reduction of harvest losses from nut damage by ants

Clinch

## Greenhouse Gas Emissions and Energy Reductions

### Syngenta Solutions

Tank mix flexibility allows for multiple pesticides to be applied together at one time. This reduces application passes across the field and the longevity of control which reduces energy use and greenhouse gas emissions

Abound, Inspire, Inspire Super, Quadris Top, Ridomil Gold, Tilt, Vanguard, Agri-Mek, Besiege, Proclaim, Warrior II with Zeon Technology and Minecto Pro

Use of pre-emergence herbicides with residual activity controls weeds before they emerge and reduces GHG emissions from multiple spray passes of post-emergence herbicides

Broadworks, Princep 4L and Princep Caliber 90

Aids in the establishment of ground cover that minimizes weed colonization of tree rows which eliminates the need for several passes of burndown herbicides and GHG emissions from their spray passes necessary to keep ground bare

Gramoxone, Princep and Broadworks

## Labor Reduction and Worker Safety

Syngenta Solutions

The active ingredient is micro encapsulated which helps reduce handler/operator exposure.

Warrior II with Zeon Technology and Besiege

Syngenta Customer Center provides a resource for safe use and handling guidance for all Syngenta products

Syngenta Customer Center

Controlling fire ant population increases worker safety in orchards

Clinch

## Soil Health

Syngenta Solutions

Management of ground cover and cover crops between tree rows that stabilize and preserve soil

Gramoxone, Princep and Broadworks

## Resistance Management

Syngenta Solutions

Combination of active ingredients that all have different modes of action greatly reduces the likelihood of resistance development in fungi

Quadris Top and Inspire Super

Combination of active ingredients that all have different modes of action greatly reduces the likelihood of resistance development in insects

Besiege

IPM compatible with minimal impact on beneficial organisms, allowing the beneficials to help control worms and mite pests

Proclaim, Agri-Mek SC and Minecto Pro

## Economic

Syngenta Solutions

Tank mix flexibility allows for multiple pesticides to be applied together at one time reducing application passes across the field

Abound, Inspire, Inspire Super, Quadris Top, Ridomil Gold, Tilt, Vanguard, Agri-Mek, Besiege, Proclaim, Warrior II with Zeon Technology and Minecto Pro

Control of weeds, disease and insect pests translates to higher yield potential and more profitable almond production

Abound, Inspire, Inspire Super, Quadris Top, Ridomil Gold, Tilt, Vanguard, Warrior II with Zeon Technology, Agri-Mek, Besiege, Minecto Pro, Princep 4L, Princep Caliber 90, Broadworks and Gramoxone





Product performance assumes disease presence.

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