

WHEAT & BARLEY

Sustainable Agriculture

PRODUCTS FOR WHEAT AND BARLEY:

Talinor® herbicide, Axial® Star herbicide, Axial® XL herbicide, Discover® NG herbicide, Miravis® Ace fungicide, Trivapro® fungicide, Quilt® fungicide, Quilt Xcel® fungicide, Alto® 100SL fungicide, Palisade® EC plant growth regulator, Gramoxone® SL 3.0 herbicide, and 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 pests including disease transmitting aphids will increase crop yield potential and quality and help ensure maximum benefits from inputs to the crop such as land, seed, fertilizer and water	Warrior II with Zeon Technology
Miravis Ace, Trivapro and Quilt Xcel have demonstrated enhanced water use efficiency. Plants are better able to utilize the limited water they have under dry conditions and therefore suffer less yield losses due to moisture stress	Miravis Ace, Trivapro and Quilt Xcel
Effective control of diseases helps the crop roots gain the mass and depth they need to ensure maximum benefit from the soil and crop inputs such as fertilizer and water	Miravis Ace, Trivapro and Quilt Xcel
Help produce weed-free fields so the wheat and barley crop can more efficiently use water and nutrients to maximize yields	Axial Star, Axial XL, Discover NG and Talinor



Greenhouse Gas Emissions and Energy Reductions

Syngenta Solutions

Tank mix flexibility allows for multiple pesticides to be applied together at one time reducing application passes across the field, which reduces energy use and greenhouse gas emissions	Discover NG, Axial, Axial XL, Talinor, Trivapro and Quilt Xcel
Burndown of emerged weeds or vegetation facilitates implementation of no-till and conservation tillage systems which improve soil health and carbon sequestration reducing greenhouse gas emissions	Gramoxone



Soil Health

Syngenta Solutions

Burndown of emerged weeds or vegetation in no-till and conservation tillage systems helps reduce soil compaction, soil erosion and improve soil water retention	Gramoxone
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Food Waste

Syngenta Solutions

Improved stalk quality reduces lodging of the crop prior to harvest increasing harvest efficiency and reducing crop loss	Miravis Ace, Trivapro and Palisade EC
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Labor Reduction & Worker Safety

Syngenta Solutions

The active ingredient is micro encapsulated which helps reduce handler/operator exposure	Warrior II with Zeon Technology
Tank mix flexibility allows for multiple pesticides to be applied together at one time reducing application passes across the field which saves labor	Axial Star, Axial XL, Discover NG, Talinor, Trivapro and Quilt Xcel
Syngenta Customer Center provides a resource for safe use and handling guidance for all Syngenta products	Syngenta Customer Center



Resistance Management

Syngenta Solutions

Combination of active ingredients that all have different modes of action greatly reduces the likelihood of resistance development in fungi	Miravis Ace and Trivapro
Combination of active ingredients with two different modes of action reduces the likelihood of resistant weeds	Talinor



Economic

Syngenta Solutions

Tank mix flexibility allows for multiple pesticides to be applied together at one time reducing application passes across the field	Axial Star, Axial XL, Discover NG, Talinor, Trivapro and Quilt Xcel
Reduced lodging of the crop increases harvest efficiency and harvestable crop yields potential	Trivapro, Quilt Xcel, Quilt and Palisade EC
Minimizes crop rejections and discounts at the elevator by controlling Fusarium head blight and reducing DON toxins	Miravis Ace
Control of weeds, disease and insect pests translates to higher yield potential and more profitable wheat and barley production	Axial Star, Axial XL, Discover NG, Talinor, Trivapro, Quilt Xcel and Warrior II with Zeon Technology

The Syngenta logo is positioned in the lower-left quadrant of the page. It features the word "syngenta" in a white, lowercase, sans-serif font, with a registered trademark symbol (®) to its upper right. The background of the entire page is a blue gradient with a pattern of white circles and squares, and a photograph of golden wheat stalks at the bottom.

Product performance assumes disease presence.

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