

DOMINO™

IRRIGATION INJECTION SURFACTANT

IRRIGATED CORN



Domino™ is a highly concentrated combination of four unique surfactants designed to manage irrigation water across a variety of soil types. Each surfactant plays a critical role in the performance of the product.

SOIL WATER MANAGEMENT

Even with irrigation, a plant's health and yield can be negatively affected by periods of moisture stress. Moving irrigation water more effectively throughout the plant root zone, and keeping it available to the plant over time, enhances the growing environment of the crop.

DOMINO'S FORMULATION

- Two infiltration surfactant components reduce the surface tension of irrigation water and improve solubility across a range of soils
- One hydration surfactant component is highly soluble and maintains plant-available water over time
- One hydration surfactant component resists breakdown by soil microbes, improving longevity in the root zone

USE RATES & APPLICATION INTERVAL

- Apply 1 quart per acre at crop establishment
- Apply 1 pint per acre, every four weeks to crop harvest

APPLICATION METHOD

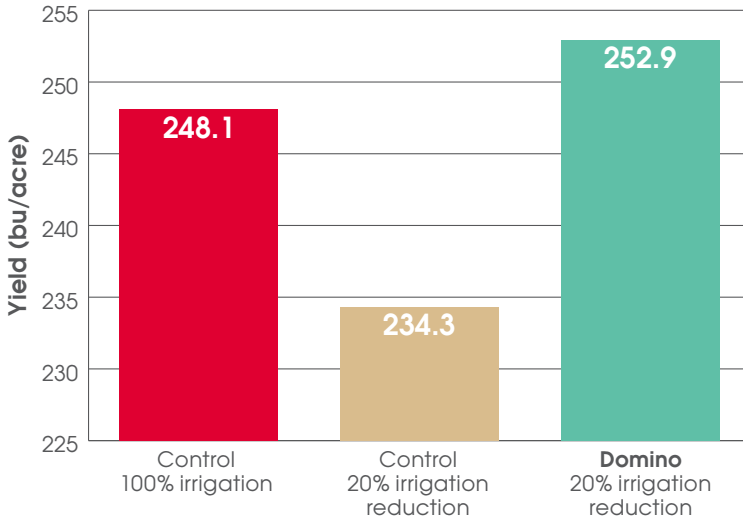
IRRIGATION INJECTION IS PREFERRED METHOD: Apply through an irrigation system utilizing drip tubes, tape, micro emitters or overhead sprinklers. Do not apply Domino through earthen ditches. Prior to mixing Domino with water conditioners or plant nutrients, perform a jar test to test compatibility. Agitation is recommended in fertigation tanks to ensure uniform injection of nutrients and Domino. Always use back-flow prevention when injecting Domino or other injectable products.

SPRAY APPLICATION: On annual crops, apply Domino alone or in combination with nutrients, prior to planting. On perennial crops, direct the spray to the soil surface at the base of the plant. Irrigate immediately after all spray applications to move product into the soil.

DOMINO™

PERFORMANCE DATA - IRRIGATED CORN

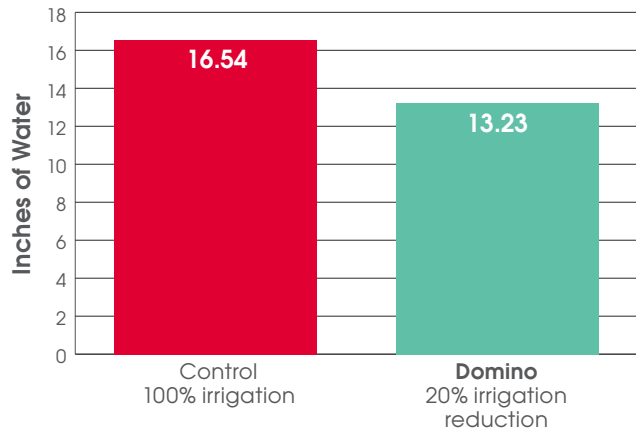
INCREASED YIELD - PIVOT-IRRIGATED CORN



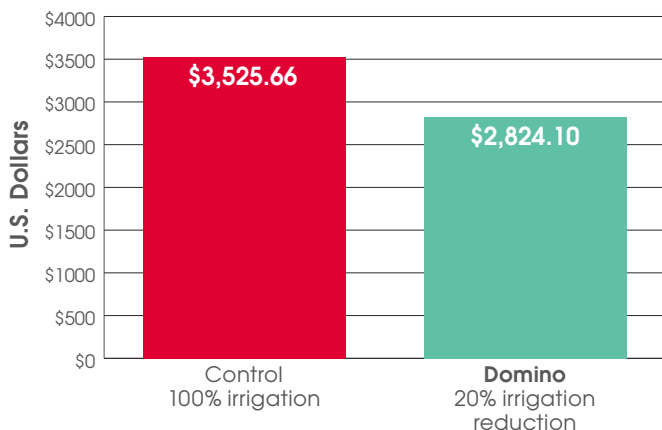
Results from field trials on irrigated corn, conducted by Charles Corey at the Irrigation Research Foundation in Yuma, Colorado, showed that corn treated with Domino and irrigated at 20% water reduction yielded 18.6 bushels per acre more than untreated corn irrigated at the same reduced rate.

Domino was applied through the irrigation system at a rate of 1 quart per acre, followed by 3 subsequent applications at 1 pint per acre every 4 weeks. Corn irrigated with water alone used 3.31 inches more than corn irrigated with Domino.

REDUCED IRRIGATION WATER



ENERGY COST REDUCTION



The 20% reduction in irrigation resulted in energy savings of \$705.56.

Domino is a trademark of Precision Laboratories, LLC

Specialized chemistries that enhance plants, seeds, soil and water.
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