FLOBOND™ DI 2010

Improving Uniformity and Water Efficiency in Drip Irrigation

University of Georgia Bell Pepper Trial; Tifton, Georgia[1]

SNF supplies FLOBOND DI 2010 for enhancing efficiency and infiltration performance of surface and sub-surface drip irrigation applications. FLOBOND DI 2010 effectively increases soil capillary flow both horizontally and vertically, which maximizes infiltration of water into the soil profile. The low viscosity of the product also ensures clog-free operation of all drip head types.

BENEFITS

- Enhances germination, rooting, and healthy plant development
- Saves on costs of water, fertilizer, and energy
- Improves moisture and fertilizer uniformity
- Increases wetted soil area around plants while minimizing volume of water applied
- Requires no inversion or hydration prior to use
- Injected directly into the irrigation system
- Compatible with liquid fertilizers and other chemicals
- Improves yields and overall profitability

Healthy Strawberries Irrigated with FLOBOND DI 2010

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UNIVERSITY OF GEORGIA (TIFTON CAMPUS) BELL PEPPER FIELD TRIAL - YIELD DATA[1]

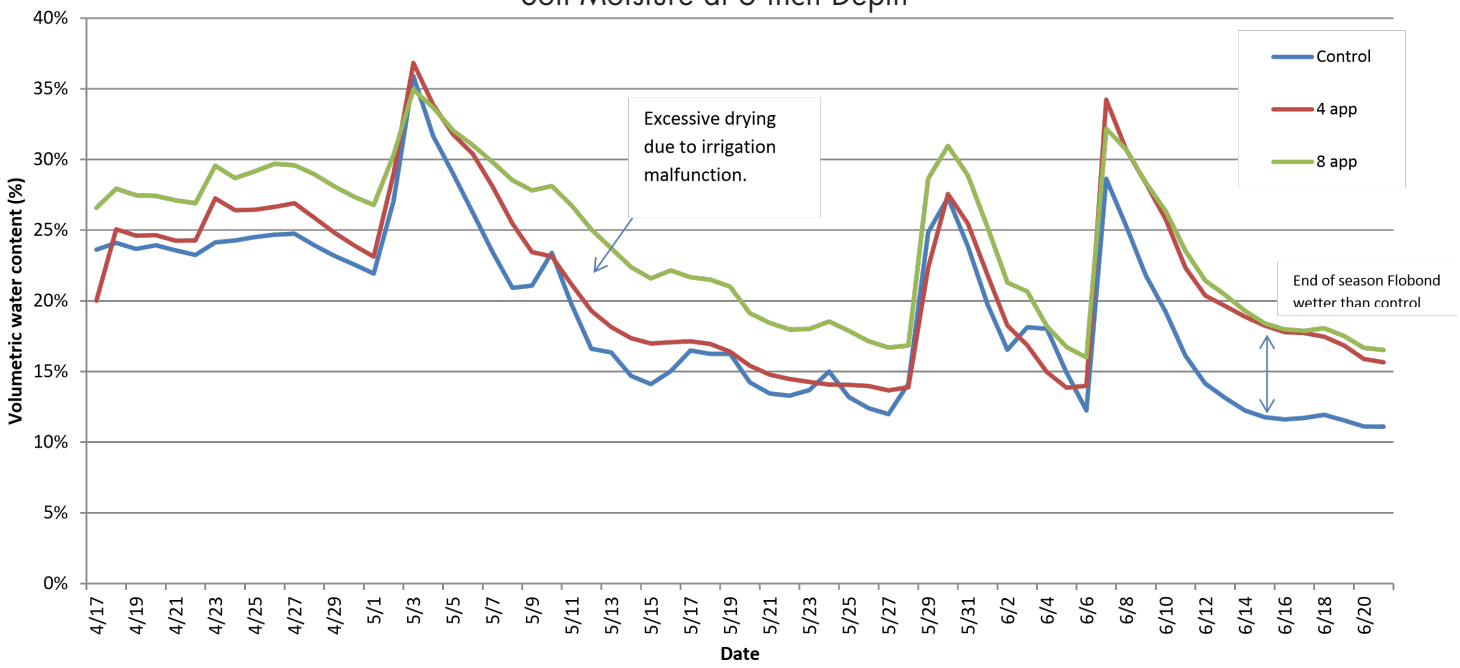
	Boxes/Acre			
Treatment	**FLOBOND DI 2010 Dosage Rate**	**Total US #1**	**Total Choppers**	**Avg. Yield (%) Increase**
Control (Untreated)	N/A	566	672	———
Treatment 1	1 gal./acre	600	742	+8%
Treatment 2	2 gal./acre	745	888	+32%
	Avg. Yield (%) Increase vs. Control			+20%

NOTE: Results from this trial were generated using trial plots averaging approx. 8,000 sq.ft. Yield data may vary in conventional farms based on operation, soil types, and climatic conditions.

FLOBOND DI 2010 treated plots showed greater yield increases with higher applied dosage vs. the Control (Untreated).

VOLUMETRIC WATER CONTENT (VWC)

Soil Moisture at 6 inch Depth



FLOBOND DI 2010 Dosage Rate: 4 applications of FLOBOND DI 2010 = 1 gal./Acre
8 applications of FLOBOND DI 2010 = 2 gal./Acre

At 6" soil depth, FLOBOND DI 2010 treated plots measured increased Volumetric Water Content (VWC) during the trial on average approx. 3-5% vs. the Control. During dry periods, this product may help retain soil moisture within the plant bed.

[1] Coolong, T. (2018). *Spring 2018 FLOBOND Trial.* University of Georgia, (Tifton Campus).