

2018

## Increased Plant Available Water Effect on Yield

### 5 Full Cuttings vs 4.5

Irrigon, OR

Alfalfa

Winchester Sand Soil

Pivot Irrigated

Field Percolation Study measured Volumetric Water Content, at each of nine depths, 2" to 34" – data collected hourly from June 26, 2018, to July 13, 2018, showed 107mm increase (80mm to 187mm) ADDED Water in the Treated vs. 34mm increase (72mm to 106mm) in the Control.

#### WATER HOLDING CAPACITY: FLOW-TECH GROW vs CONTROL



**316% Increased ADDED**  
water to top three feet of sand soil  
in the 20 days between cuttings

with **24% Reduced** Irrigation