

# MSU Agriculture Innovation Day

## Focus on Fruit and Vegetable Technologies

Insights on Fine-Tuning Your Vegetable Irrigation

### What drip emitter spacing is best for you:

Spacing of drip emitters does impact the water distribution of water to plants when grown under plastic

Visualize the flow patterns with a trench and determine if 16-inch spacing provides as good distribution as 12-inch spacing.



### Water content below the root zone can be used to determine when to irrigate:

Observe water content below the root zone at various flow rates in trenches and with Campbell Scientific sensors to determine how often to irrigate.



### Look at the entire system:

Evaluate the irrigation scheduling system

Evaluate the timing for tomatoes.

Evaluate the sensors to manage water application rates



College of Agriculture  
and Natural Resources  
MICHIGAN STATE UNIVERSITY

MSU is an affirmative-action, equal-opportunity employer.