



Dynamax

SapIP Real-Time Crop Water Use



Photo Credit: The Almond Board

**Water only when needed!
*Dynamax sap flow sensors can help***



Water Management Made Easy

Dynamax sap flow sensors measure how much water plants are using directly. If you know how much water your crop is using, you know how much water has to be put back with irrigation.

Using wireless SapIP systems and sap flow sensors, you can see how much water your crop is using in gallons per hour, per day, or per week. This will allow you to maximize your irrigation efficiency, conserve water, manage plant stress, and irrigate only when needed. Many growers have saved 25% to 40% of their irrigation water use. With savings in time and money, SapIP systems will pay for themselves quickly.

Cameron Vawter, Dana Estates says - he has saved more than 2.5 million gallons of water annually since adapting sap flow technology in 2006.

This will help you save:
Money, Water, Time,
Electricity, Fertilizer, and
more.

SapIP systems work on;

- **Almond**
- **Avocado**
- **Cherry**
- **Citrus**
- **Grape**
- **Peach**
- **Pistachio**
- **Plum**
- **And many other crops**

With one annual fee, you get;

- **Equipment rental**
- **Installation and maintenance**
- **Data presentation on a secure website**
- **Consultation and data interpretation**
- **Data protection and security**
- **Wireless service**



Saving Water = Saving Time & Money



Grower Dashboard – AgriSensors.NET



Features

- Compare sap flow, soil moisture and ET_o in one chart
- Sap Flow data summarized in gallons
- Interactive charts to analyze the entire seasons data
- Password protected
- Location image to identify sensor locations

SapIP System Options

Sap Flow Sensors

SapIP with Sap Flow sensors for measuring plant water use

Add Soil Moisture Monitoring -

4 or 6 soil moisture sensors, which can be buried at different depths

Add a Weather Station –

for calculation of ET evaporative demand

Add IR Temperature –

for calculating crop stress

“We are in an era of increasing demand on our precious water supplies, and sap flow sensors help me irrigate conservatively with confidence. - David Gates, Ridge Vineyards”



Sap Flow Sensors



Soil Moisture Sensors



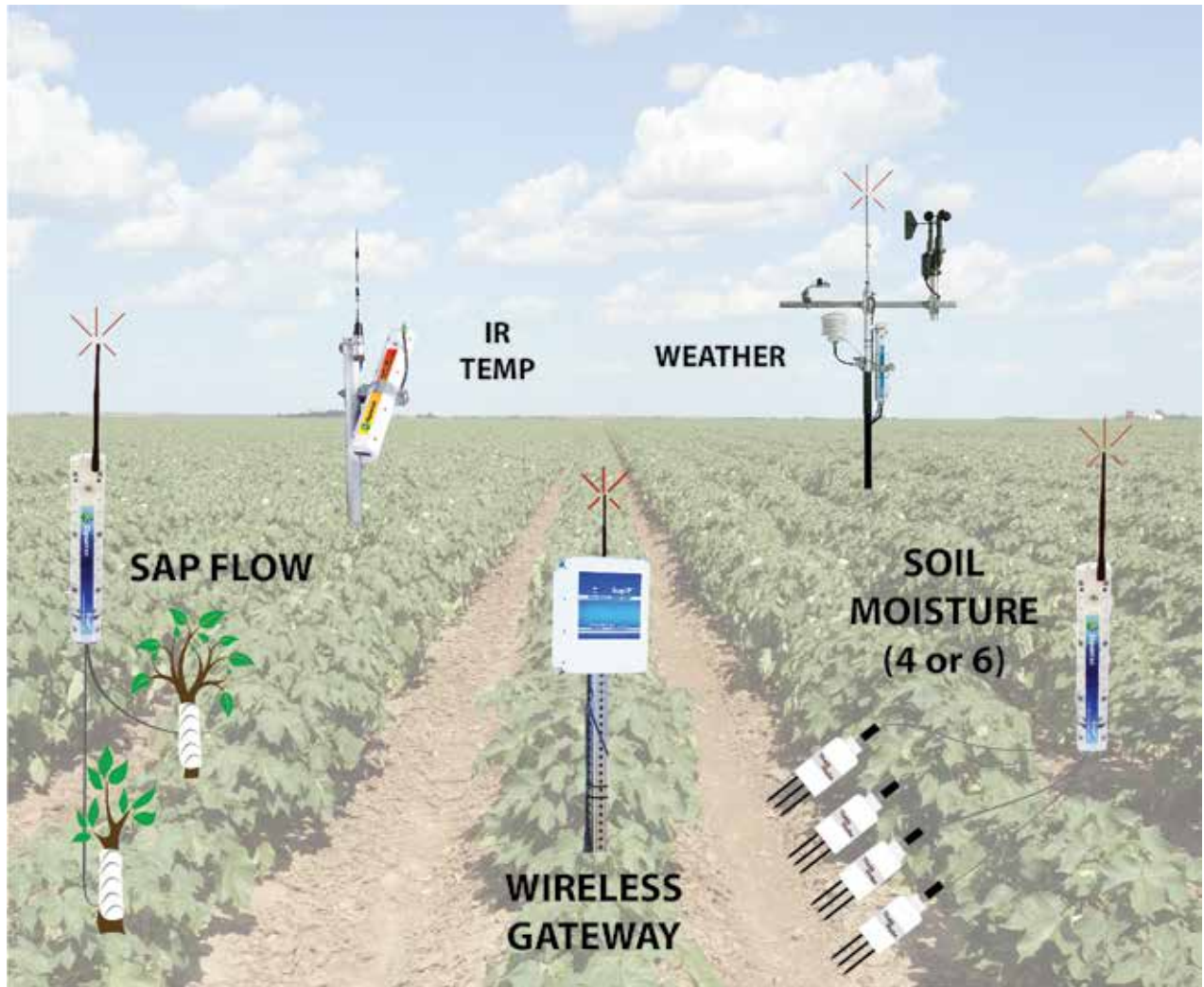
Weather Stations



Infrared Temp. Sensors



Dynamax



MAIN OFFICE

Dynamax, Inc.

10808 Fallstone Road #350

Houston, TX 77099 USA

800-896-7108

admin@dynamax.com

www.dynamax.com

WEST COAST OFFICE

Dynamax, Inc.

Water, Energy, & Technology Center

2911 E. Barstow Ave. M/S/ OF 104

Fresno, CA 93740

tuckermm@dynamax.com

(559) 770-0000