



HELPING FLORIDA'S AGRICULTURE INDUSTRY SAVE WATER AND MONEY

Since 1998, the **Florida Automated Weather Network (FAWN)** has been providing growers with accurate, by-the-minute meteorological data that can help them prepare for freezes, schedule irrigation, and understand long-term climate patterns. FAWN's cold protection and irrigation tools have been especially useful for Florida's citrus growers.

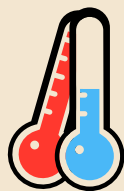


Florida Agriculture

Florida's agricultural crops are valued at **\$4.1 billion** in 2015.

Florida crops **occasionally** require irrigation for cold protection in the winter, and **optimization of water use is critical** in Florida due to increasing competition for limited water supplies.

Cold Protection



1.8 billion gallons of water per hour are required to protect Florida's citrus crop from cold*.

In a cold winter season**, use of FAWN tools can save 14 hours of irrigation per week – **25 billion gallons** of water, or **\$13 million**.

In a warm winter season**, use of FAWN tool can save 4 hours of irrigation per week – **7 billion gallons** of water, or **\$3.8 million**.

Citrus Irrigation Scheduling

Growers testing FAWN's **Citrus Microsprinkler Irrigation Scheduler** tool used approximately **20% less water**.



Potential annual **savings** for small citrus growers (100 to 500 acres) are **\$3,300 to \$16,500**; for large growers (1,000 to 5,000 acres), **\$33,000 to \$165,000**†.

Potential annual **savings** for large corporate citrus operations are at least **\$330,000**†.

Website Usage

36,912 users and **130,864** unique sessions in 2016.

