

Rain Sensors Savings

As an example, if a system irrigates 1/4 acre of turf and is set to run each zone so that 1/2 inch of water is applied per cycle, one can calculate that 6788 gallons are being applied over the 1/4 acre of turf per cycle. Assuming water costs \$1.53/thousand gallons, the savings will be \$10.38 every time the sensor eliminates an irrigation event.

Cost:

The cost per rain sensor is \$13.78

Cost would be recovered in less than two rain events, each over 1/2 inches.

Savings:

We give approximately 80 rain sensors a year = \$1102.40

After recovering the cost of the rain sensors the city would save approximately a total of 1,629,120 gallons/year or \$2492.37.

Figures are utilizing 2 watering days per week with avg. rainfall per year of 30 days at .50 inches or greater.

Reference:

<http://edis.ifas.ufl.edu/AE221>