

# The Dalles IFP Network

Orchard growers from The Dalles, Oregon have teamed up with the Wy'East Resource Conservation and Development Area to improve salmon habitat in area streams by implementing Integrated Fruit Production (IFP) practices. IFP is a progressive orchard management system designed to produce quality fruit using environmentally responsible production techniques.

Fifteen Automata weather stations have been installed in area orchards to collect precise weather data every 15 minutes. Data collected include: temperature, humidity, precipitation, leaf wetness, wind speed and direction, soil moisture, solar radiation, and barometric pressure. Using Automata's radio telemetry, this data will be transmitted to a central server and from there be posted onto an interactive website. Growers will be able to use this website to manage their orchards and calculate degree day-models. This will allow orchard managers to more accurately time pesticide sprays and use new generation pesticides targeting only the pest, and not beneficial organisms as well.

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