



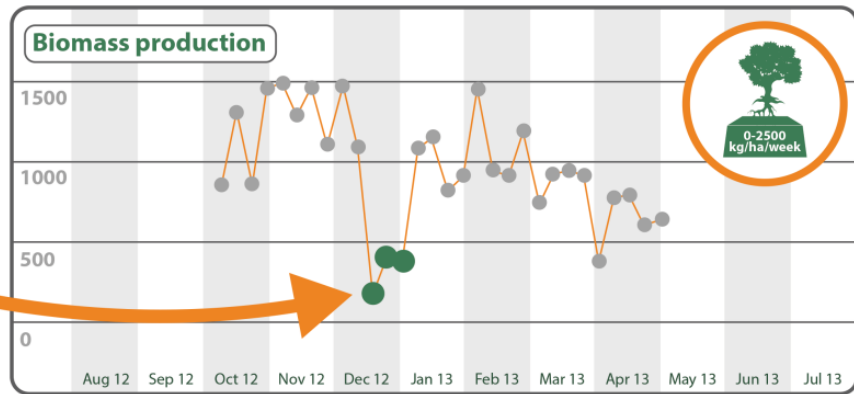
“Why was the pear yield so low this year?”

-Nelius Kapp, Soil2Root Technologies

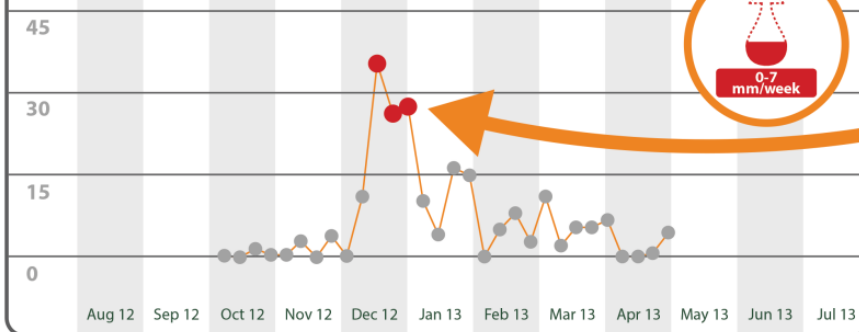


A pear farmer's low yields in 2013 lead to a loss in income. Nelius Kapp helped the farmer identify the problem using FruitLook.

FruitLook data showed that **biomass production** was lower during December, a crucial time for pear development. What caused the drop?



Evapotranspiration deficit



The **evapotranspiration deficit** was very high over the same period. Taken together, the FruitLook data suggests the pear orchard experienced water stress at this crucial growth stage.



Additional calculations for crop water requirements showed that the existing drip irrigation system could not provide enough water in high-demand periods. Nelius advised the farmer to invest in a microsprinkler system that would provide adequate water in future.



FruitLook growth and water use data helped Nelius Kapp and the pear farmer to identify and resolve the cause of a low crop yield, thereby preventing an unnecessary loss of income for the farmer.