



FARM GATE REPORT

EARTH ALIVE SOIL ACTIVATOR™



TRIAL DETAILS

AVOCADO

<i>Country:</i>	Chile	<i>Application rate:</i>	25 kg/ha
<i>Region:</i>	Quillota	<i>Application method:</i>	Fertigation
<i>Soil type:</i>	Clay, poor	<i>Application date:</i>	January 9, 2016
<i>Variety:</i>	Hass	<i>Crop stage:</i>	Flower opening
		<i>Irrigation method:</i>	Drip

RESULTS

NUTRIENT ASSIMILATION: Leaf tissue analysis performed in April 2016 showed that any of the leaf nutrient levels were higher with the use of Soil Activator™. Biggest increases were seen in nitrogen (36%), manganese (28%), and zinc (13%). Modest increases were seen in magnesium, iron, and copper (6-9%).

After the harvest, fruits were analyzed for nutrient content. Dry matter content showed that the trees were not harvested at identical physiological stage, making comparisons difficult. However, the nutrient analysis did show slightly increased uptake of nitrogen (2%), potassium (9%), and boron (24%).

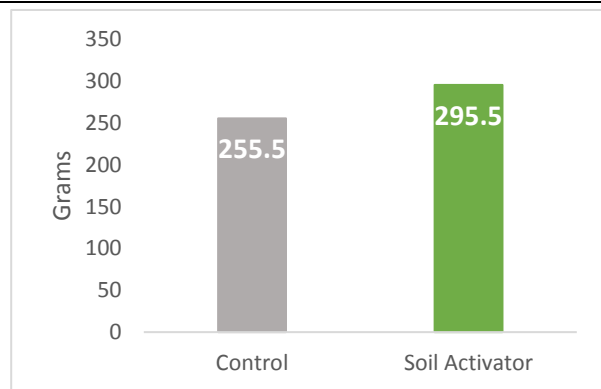


Figure 1: Weight of avocados

PRODUCTION: Fruits were weighed after harvest to measure the effect on overall tree productivity. Average fruit size for fruits from trees treated with Soil Activator™ was 18% higher than those from control plants (Figure 1).

