



FARM GATE REPORT

EARTH ALIVE SOIL ACTIVATOR™



TRIAL DETAILS

GRAPE

<i>Country:</i>	Chile	<i>Application rate:</i>	10 kg/ha
<i>Region:</i>	Valparaiso	<i>Application method:</i>	Fertigation
<i>Variety:</i>	Pinot Noir	<i>Crop stage at treatment:</i>	Bunch growth
<i>Trial installation date:</i>	December 12, 2015	<i>Measurement date:</i>	March 15, 2016

RESULTS

Even though application occurred later than recommended, Soil Activator™ generated a number of benefits. Nineteen days after treatment, the grower observed improved root development in the treated vines, as indicated by greater quantity of young white roots. One month later, sampling showed improved development in upper bunches.

At harvest, bunches from treated vines had double the number of grapes and were 81% heavier. A tissue analysis of the grapes showed several factors were improved, including brix, phosphorus, calcium, and zinc.



Factor	With Soil Activator™	Fertilizer alone	Difference
Bunch weight (g)	186	103	+81%
Grapes per bunch (#)	208	97	+114%
Brix (%)	16.9	16.0	+6%
N (mg/100g)	126.0	129.0	-2%
P (mg/100g)	41.8	37.9	+10%
K (mg/100g)	246.6	248.4	-1%
Ca (mg/100g)	44.3	40.9	+8%
Mg (mg/100g)	16.2	15.6	+4%
Zn (mg/100g)	0.22	0.20	+10%
B (mg/100g)	0.76	0.52	+45%