FARM GATE REPORT
EARTH ALIVE SOIL ACTIVATOR™

TRIAL DETAILS

BLUEBERRY

Country:	United States	*Application rate:*	7 grams per liter of water (10 grams per plant)
Region:	Oregon	*Application method:*	Soil drench
Variety:	Duke	*Application date:*	April 25
Crop age:	Nursery		

RESULTS

The objective for growing blueberry plants in a nursery is to produce robust plants ready for transplant into commercial production fields. In this trial, the test plants were treated with a drench of Soil Activator or with a combination of Soil Activator and a commercially available soil conditioner to aid in penetrating the mulch and soil surface.

The grower observed that root development was improved in the plants treated with Soil Activator. Tissue analysis also showed that Soil Activator increased plant uptake of a number of nutrients, including a 35% increase in calcium.

Table 1: Leaf tissue nutrient analysis for plants with soil conditioner alone or in combination with Soil Activator

	N	P	K	S	Ca	Mg	Fe	Mn	B	Cu	Zn
With SA	1.62	0.15	1.07	0.22	1.09	0.29	150	320	30	15	49
Without SA	1.5	0.15	0.8	0.27	0.81	0.23	175	373	26	14	55
Difference	+8.0%	0.0%	+33.8%	-18.5%	+34.6%	+26.1%	-14.3%	-14.2%	15.4%	7.1%	-10.9%

Figure 1: Blueberry plants showing above-ground growth and roots. Left to Right: control, Soil Activator alone, conditioner alone, Soil Activator plus conditioner.