BLACKEARTH
ENHANCING...NATURALLY

B. C. GRAPES

TITLE – Field Soil Amendment trial with grape

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TRIAL OBJECTIVE – To test the consequences to nutrition, growth, and water stress of soil amendment modification of the soil zone drip emitters of wine grapes.

EXPERIMENTAL DESIGN –

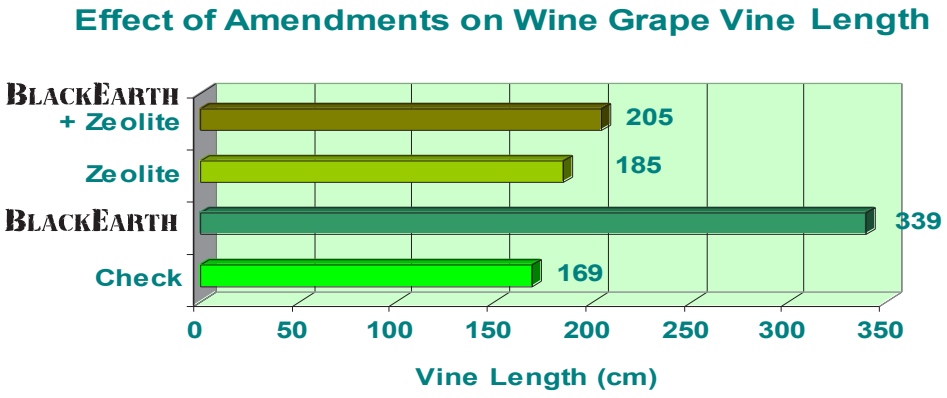
Crop	Wine grapes
Variety	Merlot on SO4 rootstock
Location	Ag Canada Summerland Research Centre
Experimental Design	6 single vine replicates
Planting details	New vines planted June 6, 2001
Humic applications	June 7-8, 2001 in excavated planting hole beneath drip emmiters
Measurements	Nov. 2, 2001

TREATMENTS –

1	Check – no amendments
2	BLACKEARTH Dry Soluble 80 – 4 g. per kg of field moist soil
3	Zeolite amendment applied at rate of 50:50 weight of field moist soil
4	Combination amendment, Zeolite applied as treatment 3, BLACKEARTH Dry Soluble 80 4 g per kg of fine grained zeolite

RESULTS AND DISCUSSIONS –

Treating soil beneath drip emitters shows promise as a planting time amendment for grape. It is thought that the BLACKEARTH may improve soil watering holding capacity and thus increase resistance to water stress.



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