

# FIELD SOIL AMENDMENT TRIAL WITH GRAPE



## RESEARCH COOPERATORS

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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.

## CERTIFICATIONS

Black Earth Humic products are:  
» Listed by OMRI  
» Registered with CFIA  
» Certified for use for NOP  
» Certified by the CDFA



## EXPERIMENTAL – DESIGN

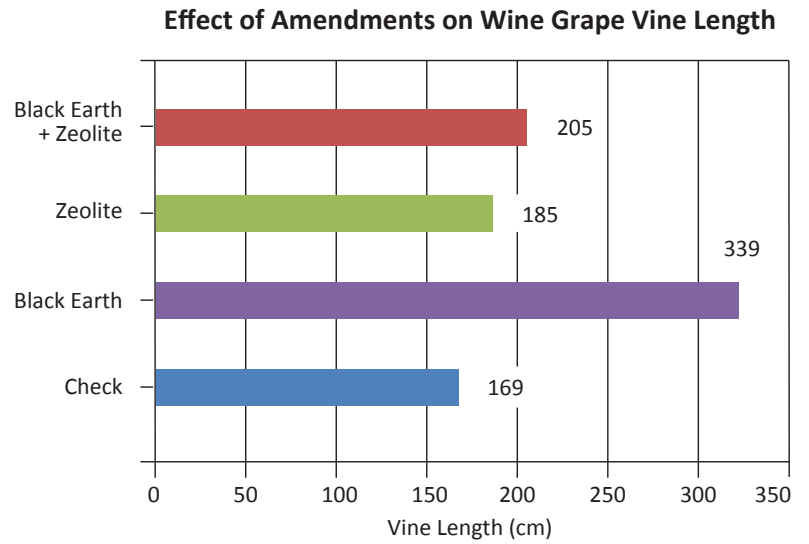
Crop:	Wine grapes
Variety:	Merlot on SO4 rootstock
Location:	Ag Canada Summerland Research Centre
Experimental Design:	Six (6) single vine replicates
Planting Detail:	New vines planted June 6, 2001
Humic Applications:	June 7-8, 2001 in excavated planting hole beneath drip emitters
Measurement:	November 2, 2001

## EXPERIMENTAL – TREATMENTS

- 1) Check – no amendments
- 2) Black Earth 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 three (3), Black Earth Dry Soluble 80, 4 g per kg of fine grained zeolite.

## RESULTS


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



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