Improvements in berry quality of Ruby Seedless and Beauty Seedless grapes

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Abstract:

Ruby Seedless and Beauty Seedless grape vines were used to evaluate the role of some compounds producing ethylene effects (ethrel, ethanol, and methanol), thinning of second cluster, shoulders thinning and girdling on berry quality. The compounds exercising ethylene effects had a pronounced effect on berry chemical properties and caused faster ripening. Thinning by removing the second cluster or shoulders increased berry & cluster weight and advanced berry quality. The increment percentage in cluster and 100 berries weight associated with such treatments was 20 and 15, respectively. Girdling had little effect on berry quality, but increased weight of cluster and 100 berries by about 8% over the control.

Keywords:

Keywords: Ethrel; Methanol; Ethanol; Girdling; Thinning; Berry quality

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