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### Effects of Different Rootstocks on Quality of Seedless Berries in the Grape 'Fujiminori'

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#### Abstract

This study was conducted to evaluate the effects of rootstocks on characteristics of seedless berries in the grape 'Fujiminori'. Growth and quality of seedless berries induced by gibberellin (GA) and streptomycin (SM) were determined using 15-year-old vines on volcanic ash soil, grafted on 4 different rootstocks, 'Teleki 5BB', 'SO.4', '3309' and '101-14'. There was a marked increase in berry and rachis weight grafted on 'Teleki 5BB'. Brix was higher in seedless berries induced by GA and SM on 'Teleki 5BB' and '3309' than those on 'SO.4' and '101-14'.

In conclusion, 'Teleki 5BB' was the most desirable rootstock for the seedless berries in the grape 'Fujiminori'

#### Key words

[tetraploid grape](#), [rootstocks](#), [seedless berries](#), [fruit quality](#), [streptomycin](#), [GA](#), [CPPU](#)

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