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THE EFFECT OF GIBBERELLIN ON BERRY SIZE AND  
CLUSTER LOOSENESS IN SEEDLESS VARIETIES OF *VITIS VINIFERA*

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SUMMARY

Flame Seedless, Ruby Seedless, Emerald Seedless and Emperor Seedless were treated with GA<sub>3</sub> (7, 10 and 15 ppm) once at flowering compared to once at flowering (7, 10, and 15 ppm) and once at berry shatter (20, 30, and 40 ppm). In all cultivars the greatest increase in

berry size was obtained by the double treatment. Significant improvement in cluster looseness was obtained only in Flame Seedless and Emerald Seedless. A delay in coloring was noted in cultivars with red fruit as a result of treatment with GA<sub>3</sub>.