

BENEFITS OF PRESTIGE (CPPU, Forchlorfenuron) USE IN CALIFORNIA TABLE GRAPES

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ABSTRACT

CPPU was developed and patented in Japan by Kyowa Hakko in 1984. CPPU is a phenylurea type synthetic type compound with cytokinin-like activity. CPPU has been shown to have many marked physiological effects in plants such as increase in fruit size, fruit set and delay senescence among others. In 2005, CPPU became commercially available for the California table grape and kiwifruit markets under the trade name Prestige. Prestige is used in table grapes to increase berry size and quality, to improve pack-out and reduce berry shatter. Prestige can also help growers manage harvest and improve fruit quality after cold storage and during shelf life. This presentation will report on field research conducted with Prestige in California table grapes for the last five consecutive seasons.

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