

The Effects of Plant Growth Regulator on Fruit Set of Washington Navel Orange

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Abstract

The utilization of plant growth regulator could promoted the fruit-setting. Though the 1989 trial with plant growth regulator of GA add CA and BA add CA was effective in promoting fruit set. Total yield had not significantly increased because of premature fruit drop due to adverse environment; The 1990 trial had similar result.

Besides, result from BA treatment showed increased seeds per fruit average was 3.2 seeds; The maximum fruit size was 9.3×8.7 cm (length×width) but with increased thickness and percentage flesh portion was lowered.

Key words: Washington navel orange, Plant growth regulator.

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