## Effects of Variation in Spacing on Sugar Beet Yields in California

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To determine the effects of variation in row spacings on yield of sugar beets while maintaining approximately the same population per acre, the following trials were run during the 1945 season at Woodland, Gilroy, and King City. Twenty-inch flat planting and 14 -inch by 20 -inch ridge planting were used as the checks in comparison with 30 -inch and 40 -inch ridge planting. Each treatment was replicated three times.

Spacing of beets down the row was very uniform, thinning having been done by hand with the aid of marked sticks so that the spacing would be as uniform as possible.

There were no visual differences in growth throughout the season. It was noted, however, that the furrows between the 30 -inch and 40 -inch plantings had more growth of water grass. This was probably due to less shading from the tops in the two treatments.


