

**EVALUATION OF TWO NEW VARIETIES OF AVOCADO TREES (*Persea americana* Mill),
SIMILAR TO THOSE cv HASS VARIETIES FOUND IN CHILE.**

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In two different commercial orchards planted with Hass variety, located in the central region of Chile, some trees were detected showing fruits that looked different from the rest of the trees, mainly due to their larger size. During 4 seasons, the fruits from the original trees and from the new grafted trees planted in the years 2000 and 2001, were evaluated and compared to similar trees grafted with Hass variety.

These evaluations included productivity, time of flowering, harvesting time, shape, colour, size of their fruits, as well as tree shape and growth. At post-harvest time, the fruits were also evaluated after cold storage (between 25 to 50 days of storage) considering pulp pressure, color, vascular brownishng, cold damage and decay.

Although both varieties are from the Hass type, there are consistent differences between them. In both cases presenting larger fruits compared to those from original Hass trees and, in one case, presenting an earlier maturity. There were no differences or limitations detected in post-harvest evaluations.