

INFLUENCIA DE LA CARGA FRUTAL, ILUMINACIÓN Y RAYADO DE RAMAS SOBRE LA INTENSIDAD DE FLORACIÓN EN PALTO CV. HASS

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Regarding the alternate bearing in Hass avocado trees (*Persea americana* Mill), a study during blooming was carried out on the incidence of factors such as fruit load, influencing light and ringing of branches. The fruit load was adjusted through extraction or total removal of the fruit in branches. The days established to remove the fruit were 7 as from December 2005, when the first fruits set were observed. The response of shoots under light and shade regimes (100% light and 100% shade) in "off" trees was evaluated as well as the ringing of branches in April and May. The parameters of floral intensity, photosynthetic efficiency (F_v/F_m) and sugar content (SST) in shoots with flower buds in three stages were quantified.

It was concluded that fruit load reduces the floral intensity when remaining in the tree for a longer time. The light affects the floral intensity in a directly proportional manner, reaching 0 levels of floral intensity, under shade regime. It was determined that the ringing in May increased the floral intensity, unlike ringing in April, which did not show any differences with the controls.