

AGRONOMY AND CULTIVATION TECHNIQUES OF HASS AVOCADO TREES IN HIGH YIELD FARMS IN THE PROVINCE OF TUCUMAN – ARGENTINA

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The cultivation of avocado in the province of Tucuman - Argentina, is conditioned by inherent factors to the same species, as well as to the agroclimatic and soil characteristics of the region, mainly of the pedemontana area, where most farms are located. In turn, the lack of knowledge by growers on the physiology and agronomy of the cultivation in general, classifies the different types of farms, standing out those that invest in more technology.

The present work shows a general description of the area, in terms of agroclimatic and soil perspective. It also specifies the management techniques implemented in farms of high production, describing systems and proposing alternatives for management adapted to phenology and physiology of the cultivation, its nutritional and phytosanitary problems.

This paper also includes experiences of plantlet inoculation in transplanting with *Azospirillum sp*, *Basillus sp* and arbuscular endomycorrhizae; specific nutritional managements of deficiencies of meso; and micro elements and studies on seasonal nutrient variations.