PK AVOCADO NUTRITION. A SUMMARY OF TWO 29 YEARS EXPERIMENTS

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P fertilization in a poor soil and K fertilization in a poor and a medium rich soil were studied for 29 years in two field experiments. In the poor soil with a small wetted area by irrigation yield reductions were recorded in several, but not all, bienal periods when leaf blade K contents were below 0.5 %. Mean fruit size was more sensitive to low K levels than yield. In the richer soil, with a larger wetted soil area, no differences were recorded even when leaf lamina levels were ocasionally under 0.5 % on unfertilized trees. No differences were observed between the P treatmens that covered leaf lamina levels between 0.08 and 0.17 %. Fruit K exports increased with leaf K content. The per hectare exports were strongly influenced by yield.