

AQUAKAT USE AT A MANDARIN ORCHARD

Central Valley, California



An AquaKat 14 was installed on the irrigation system of a portion of a mandarin orchard (the East Block). The adjacent West Block (Control) of the same orchard received the same irrigation water (except without an AquaKat). In all other respects the two blocks were identical -- same site conditions, same fruit/tree variety, same in terms of other agricultural inputs.

At harvest, data was collected from each block.



As shown below, **the East Block, with the AquaKat, produced 63.16 cartons more per acre or in percentage terms 39.73% more cartons of mandarins per acre than the Control block**

MANDARIN AQUAKAT TRIAL DATA ANALYSIS

	East Block [AquaKat block]	West Block [Control]
Total Cartons	3,619	1,973
Cartons Packed	2,655	1,581
Culls (waste) Cartons	964	391
% Cull Cartons	26.6%	19.8%
Plot Size (acres)	16.7	16.5
Market Cartons/Acre (MC/A)	2,655 / 16.7	1,581 / 16.5
MC/A	158.98	95.82
Difference (MC/A)	63.16 cartons more / acre	
Difference (MC/A %)	39.73% cartons more / acre	

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