

BIOAKTIV Far East

Tunisia: BioAktiv on Peach and Nectarine

In May 2008 agriculturalist Naceur Hanzouli completed a study on the effect of using BioAktiv for Plants on peaches and nectarines. He did the study at the 10-year-old El Houda-Regueb-Sidi Bouzid Orchard in Tunisia, a 16-hactare orchard planted with the fruit trees in high density (3m×6m) with drip irrigation. For the study, he chose the spring varieties of peaches (Flordstar and Seville) and nectarine (Early White and Sun Red).

His team prepared the spray solution by dissolving 100 g BioAktiv in 100 litres of water. They applied the solution twice, during the fruiting stage and when the fruits were ripening. For each application, they did foliar spraying to wet the leaves and ground spraying of 1,000 litres of the solution per hectare (equivalent to 1 kg BioAktiv per hectare).



For all varieties, BioAktiv-treated fruits (left) have a better colour than those not treated.

Variety		BioAktiv	Control	Difference
Peach	Flordstar	15	9	6°Bx or 67% higher
	Seville	12	11	1°Bx or 9% higher
Nectarine	Early White	18	17	1°Bx or 6% higher
	Sun Red	15	14	1°Bx or 7% higher

Sugar content measurements in degrees Brix (°Bx)

As shown in the photos and the sugar content measurements above, Hanzouli noted that the BioAktiv applications had provided a better colour and notable higher sugar content to the peaches, also a better colour and higher sugar content to the nectarines.

In conclusion he said,

“Certain cultivation techniques are indispensable to the production of high-quality peaches and nectarines, particularly girdling, thinning and foliar applications of BioAktiv for Plants.”



Sugar content of BioAktiv-treated Early White nectarine at 18°Bx

[\[Original report\]](#)