

Effects of BIOAKTIV for plants on the quality of peaches and nectarines

Objectives: The purpose was to improve the quality of peaches and nectarines, to increase the sugar content and to improve the colour.

Testing: The tests were performed on a 10 year old plantation, 16 hectares in size, of the EL HOUDA-Regueb-Sidi Bouzid farm in Tunisia, using early peach and nectarine varieties at a high density (3 m x 6 m) and with drip irrigation

Application stages:

1st application: Fruit growth

2nd application: Maturation

Two foliar applications of 100 g of BioAktiv for plants per 100 l of water and 1000 l of mixture per hectare

Results:

Pictures No. 1, 2, 3, and 4: show differences in colour.

Picture No. 5: shows a higher sugar content in the EARLY WHITE variety treated with BioAktiv.

The following table (Table 1) illustrates the test results as compared with blank tests.





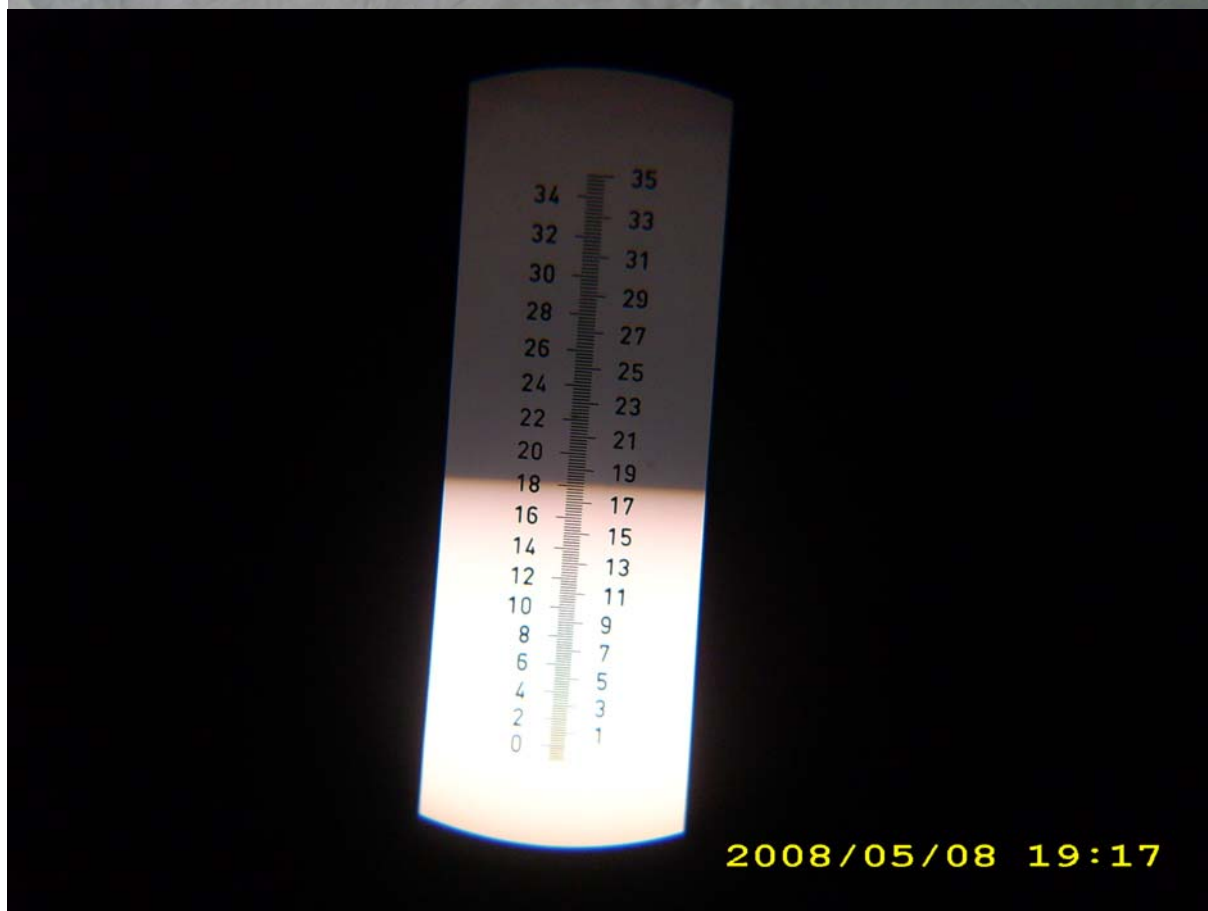


Table No. 1

Varieties	Treatment	Soluble sugar (°BRIX)	Colouring
SUN RED	Blank test	14	Fruit less coloured
	+ BioAktiv	15	Fruit well coloured
FLORDSTAR	Blank test	9	Fruit less coloured
	+ BioAktiv	15	Fruit well coloured
EARLY WHITE	Blank test	17	Fruit less coloured
	+ BioAktiv	18	Fruit well coloured
SEVILLE	Blank test	11	Fruit less coloured
	+ BioAktiv	12	Fruit well coloured

The BioAktiv applications provided:

- better colour of nectarines and higher sugar content
- a notable increase in the sugar content of peaches and improved colouring.

Conclusion:

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

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