

France: BioAktiv on Mirabelle Plum



Fig. 1: Mirabelle plums

France [6 November 2008]: Trial results from Lorraine region of France, the world's capital for mirabelle plums, indicated that *BioAktiv for Plants* thickened the edible fleshy part of mirabelle plums and improved the plants' resistance to diseases and aphids.

The Plant

The mirabelle plum, also known as the mirabelle prune (*Prunus domestica* var. *syriaca*), is a small, oval, dark yellow drupe with smooth-textured flesh, which is sweet and full of flavour. About 70 percent of mirabelle plums are made into jams and 20 percent into eau-de-vie, a fruit brandy. The plums are also excellent when eaten fresh. In the Northern Hemisphere the mirabelle is harvested from July to mid-September. The ripe fruits are shaken loose (with machines today) and collected in a net under the tree.

The Study

The study was done a six-hectare plot in a 36-hectare mirabelle plum tree plantation in Forcelles-Saint-Gordon in the north-eastern French region of Lorraine where the mirabelle is a specialty. This region produces 15,000 tons of mirabelle plums annually, which constitutes 80 percent of global commercial production.

Applications

BioAktiv for Plants were applied three times:

- Spring – 1 kg per hectare (2.4711 acres)
- April – 300 g per ha
- June – 300 g per ha

Results

From the study, trees treated with BioAktiv were found to:

- bear fruits with thicker edible fresh
- be more resistant to diseases
- be more resistant to aphids

BioAktiv-treated trees were also found to be more resistant to acidic condition. When mirabelle plum trees were sprayed with vinasse (residue from distillation), which had a pH of 3, all flower buds were damaged. New buds reappeared in trees treated with BioAktiv, but not in non-treated trees, whose buds were completely scorched by the acid.

Conclusion

The study showed that *BioAktiv for Plants* increased the yield of mirabelle plum and enhanced the trees resistance to disease, pests and adverse environmental conditions.



Fig. 2: Blossom of mirabelle plum

For more information

We are eager see that BioAktiv works for you. If you are interested to have a trial on BioAktiv, contact us.

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