

Foliar nutrition of olive fruit trees with N,B and Zn

1) effect on fruit set and cropping

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This study was conducted on the olive zard cv. in a commercial olive plantation in west Iran, where 25 years old olive trees were in bearing year and the effects of leave nutrition with urea, Boric acid and $ZnSO_4$ with 0.05% concentration alone and in combination, one week from full bloom studied in fruit set.

The results showed that urea spray increases the initial fruit set significantly while spraying with B and Zn causes significant increase of final fruit set and harvest fruit set and generally the fruit drops number, as result of application of B and Zn spray, were decreased.

It is concluded that there are significant and positive correlation between the fruit B content, leave P and fruit set.