Foliar nutrition of olive fruit trees with N,B and Zn
2) Effect on mineral composition and quality of fruit

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This research was carried out in a completely randomized block design with eight nutritional treatments i.e. N.B. and Zn alone or in combination with local olive trees in their bearing year.

The said chemicals were applied one week before the full bloom, using Urea, Boric Acid and $ZnSO_4$ with 0.05% concentration.

The results indicated that Urea spray increased the fruit weight, wherease B spray decreased the shotberry fruits and increased the fruit seed weights. But there were no effect on fruit oil content, TSS and fruit length and width. Foliar spray had no effect on N,P and K contents of leaves and fruit but B and Zn spray had signifcant effect on the concentration of these elements in leaves and fruits.

It was also realized that there is a positive and significant correlation between leaves K content and fruit size and weight. Also the above situation exists between fruits Zn and oil percentage and a negative correlation between fruit N and percentage of shotberry fruits.