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Influence of cobalt on cabbage (*Brassica rapa L.*) yield characteristics.

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Abstract : Two field experiments were conducted in El-Nubaria farm of the National Research Centre during 2013, 2014 seasons under drip irrigation system, to study the effect of cobalt on cabbage production.
Cobalt was added in the form of cobalt sulphate in four concentration namely, 3, 6, 9 and 12 ppm cobalt beside the control.
The obtained results indicate that:
*All study cobalt concentration significantly increase cabbage growth yield parameters, nutritional status and chemical constituents compared with control.
*Cobalt at 6 ppm gave the greatest figures.
*Increasing cobalt rate in plant growth media above 6 ppm, cobalt promotive effect reduced.
Key word: Cabbage- cobalt- yield quantity and quality.

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