



Influence of Foliar Application of Nano-Zinc and Iron Fertilizers on Growth and Yield of Bell Pepper (*Capsicum annuum* L.)

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Abstract: A field experiment in the autumn 2019 was conducted to investigate the combined effect of foliar spraying with nano zinc and iron fertilizers on growth and yield of bell 0, 1.5, 3, and 4.5 g. The spraying with nano-Fe and nano-zinc at 3 g l^{-1} resulted in significant increase in plant height, the number of branches, leaf area, dry weight, leaf content of chlorophyll, nitrogen, phosphorus, and potassium, number of fruits, fruit weight and total yield. The iron and zinc nano at $3 \text{ g l}^{-1} + 3 \text{ g l}^{-1}$ had significant effect on all the above traits. Nano-fertilizers as a foliar application enhanced the growth and yield of bell pepper with a higher uptake of nutrients.

Keywords: Bell pepper, Micronutrient, Nano fertilizers, Fe and Zn
