

Experimento com alface crespa Vanda (*Lactuca sativa*) utilizando doses crescentes de magnetita (Fe₃O₄)

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Abstract. Lettuce is one of the green most consumed by Brazilians and its economic potential stands out as one of the most consumed green in the world. It is a crop sensitive to climatic and nutritional variations (macro and micronutrients). Studies with magnetite (Fe₃O₄) in soil, as potentiation in the nutrient absorption process, have demonstrated excellent results, as well as low economic value. In this sense, the objective of this study was to evaluate the effect of the use of magnetite in increasing doses and consequent vegetative growth in production lettuce. The experimental design was completely randomized with 4 treatments and 6 replicates. The initial results showed differences in color tone and root thickening when compared to the controls.

Keywords: Analysis, Effect, Magnetite, *Lactuca sativa*.

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