

The Effect Of Using Goat Manure To Increase Nutrients In Maize Plant Under Sandy Soils In The Sirte City

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ABSTRACT: This study aims to using of goat manure to increase nutrients in maize plant under sandy soils in the sirte city. A field experiment was carried out at the Experiment Station, Faculty of Agriculture, Sirte University During the year 2019. This study used a completely randomized block design (RCLT) with 3 replications. The treatment consisted of 1 factor, namely, dose of goat manure with 4 levels, namely 0, 10, 20, and 30 tons ha⁻¹. So there are 12 experimental units. Experimental land preparation begins with clearing weeds from the land then liming with a dose of 2 tons ha⁻¹ and giving husk ash at a dose of 1 ton ha⁻¹ which is carried out 2 weeks before planting. Based on the results and discussion, it can be concluded that the higher the application of Goat Manure, the higher the growth and production of Corn Plants in Sandy Underground in Sirte City.

KEY WORDS:- Goat Manure, Maize Plant, Sandy Soils, Sirte

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