



Research Article

Enhancing effect of TNAU micronutrient mixture on yield of hybrid maize

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Summary

A field experiment was conducted to evaluate the effect of TNAU micronutrient mixture on dry matter production, yield parameters and yield of hybrid maize COH (M)5 at Maize Research Station, Vagarai, Dindigul district. The experiment consisted of seven treatments which were replicated thrice in Randomized Block Design. The dry matter production of hybrid maize was recorded the highest in the treatment that received application of TNAU micronutrient mixture as Enriched FYM @ 30 kg ha⁻¹ along with 100 per cent recommended dose of fertilizers irrespective of the stages. Yield components like cob length, cob girth, number of rows per cob, number of grains per row and 100 grain weight were recorded highest in the above mentioned treatment. The grain yield of hybrid maize registered 33.5 per cent higher in the same treatment than farmers' practice. Similar trend was observed for straw yield of hybrid maize.

Key words : Micronutrient mixture, Maize, Dry matter production, Yield parameters, Yield, Enriched farm yard manure

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