

Research Article

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Effect of different modules on yield, nutrient uptake and soil physico-chemical properties of cluster bean (*Cyamopsis tetragonoloba* L.)

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Summary

A field experiment was carried out on effect of different modules on yield, nutrient uptake and physico-chemical properties of soil after harvest of cluster bean (*Cyamopsis tetragonoloba* L.) at Regional Research Station, SDAU, Bhachau, Kachchh under Randomized Block Design. The experiment was consisting of five different modules among three are organic modules, one chemical module and control. The results of the experiments are differed significantly. The significant improvement in yield was recorded with the chemical module T₄. In organic modules T₂ and T₃ recorded the more yield as compared to control. Modules T₂ and T₃ also recorded the good nutrient content and uptake. Available nutrients in the soil after harvest are best in the organic modules T₂ and T₃.

Key words : Chemical module, Cluster bean, Organic module, Yield, Nutrient uptake, Physico-chemical property

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