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Effect of organic manure on yield attributes and seed yield of soybean in Tawang district of Arunachal Pradesh

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ABSTRACT : A field experiment was conducted during the *Kharif* season of 2016 and 2017 at three village's viz., Sernup, Poito and Namtsering in Tawang district of Arunachal Pradesh to study the effect of organic manures on yield attributes and seed yield of soybean (*Glycine max* L.). The experiment, consisted of four treatment of organic manures viz., control, farmyard manure (F.Y.M) @ 6.0 t/ha, vermicompost @ 3.0 t/ha and F.Y.M @ 3.0t/h + vermicompost @ 1.0t/ha resulted in significantly the highest seed (23.39 q/ha.) as compared to application of F.Y.M. @ 6.0 t/ha, vermicompost @ 2.0 t/ha. and control. Significantly the highest number of pods/plant and grain/pod were recorded with the application of F.Y.M @ 3.0 t/ha.+ vermicompost @ 1.0 t/ha.as compared to sole application of F.Y.M @ 6.0 t/ha. vermicompost @ 2.0 t/ha. and control.

KEY WORDS : Soybean, Farmyard manure, Vermicompost, Seed yield, Economics

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