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RESEARCH ARTICLE :

Soil test crop response (STCR) approach as an optimizing plant nutrient supply on yield and economics of Bt Cotton

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SUMMARY : STCR approach for target yield is unique in indicating both soil test based fertilizer dose and the level of yield that can be achieved with good agronomic practices. A field experiment was conducted to validate the STCR equation developed for Bt Cotton crop of cuddapah soils of Andhra Pradesh. It was observed that the highest yield of 30.03 q/ha was obtained in treatment T₃ (Targeted yield of 30 q ha⁻¹ with chemical fertilizers+ VC 5 t ha⁻¹) over farmers practice (27.71 q/ha). Even the B:C ratio was more in T₃ compared to farmers practice.

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