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Development of STCR equation for maize in dominant maize growing areas of Northern transitional zone of Karnataka

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Summary

An investigation was undertaken at the College of Agriculture, Dharwad to establish soil test crop response correlation for soil test based balanced fertilizer prescription for Maize var. NK-6240 in Vertisols of Northern Karnataka. The field investigation consisted of fertility gradient experiment, STCR experiment and technology verification trial. The desired gradient in soil fertility was created in one and the same field by applying graded doses of N, P and K fertilizers and raising fodder maize var. South African Tall.

Key words : STCR, Nutrient requirement, Targeted yield, Fodder maize

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