



RESEARCH PAPER

Effect of potassium and sulphur on nutrient uptake by onion and chilli intercrops in a vertisol

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Abstract : A field experiment was conducted during *Kharif* 2006 on black clay soil to study the effect of potassium and sulphur on onion and chilli intercrops in a vertisol with four levels of potassium (0, 50, 75 and 100 kg K₂O ha⁻¹) and three levels of sulphur (0, 15 and 30 kg S ha⁻¹). The significantly higher uptake of N, P, K and S by onion plant as well as shoot and fruit portion of chilli were observed with the individual application of potassium @ 100 kg K₂O ha⁻¹ and sulphur @ 30 kg S ha⁻¹.

Key Words : Nutrient uptake, Soil sodium, Soil potassium, Bulb, Vertisol, Intercrops

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