

RICE RESPONSE TO BORON APPLICATION IN RICE AND CENTRAL ZONES OF THE PUNJAB

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ABSTRACT

Seventy-one replicated field experiments were conducted in Punjab province from the year 1998 to 2002 to evaluate rice response to boron application, out of which 59 trials were done in rice zone and 12 in central zone of the Punjab. Boron was applied @ 1, 2 & 3 kg ha⁻¹ alongwith NPK + Zn. In rice zone, yield enhanced significantly with the application of B @ 1 kg ha⁻¹ over NPK + Zn with VCR (2.1:1) and GNR of 5.9:1. In central zone of the Punjab the rice yield increased significantly with B application @ 2 kg ha⁻¹ over NPK + Zn with VCR (2.6:1) and GNR of 7.4:1.

Key Words: Boron application, Rice yield, Central and rice zones of Punjab.