WHEAT RESPONSE TO COPPER APPLICATION IN VARIOUS ZONES OF THE PUNJAB

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ABSTRACT

A total of 25 (10, 12 & 3) replicated field experiments were conducted in central, rice & cotton zones of the Punjab province during 1999 - 2002 and during 2000 - 2002 in cotton zone respectively to evaluate wheat response to copper application. Copper was applied @ 1, 2, 3, 4 & 5 kg ha^{-1} alogwith NPK. In central zone wheat yield enhanced significantly with the application of Cu @ 4 kg ha^{-1} over NPK + 1 kg Cu ha^{-1} with VCR (4.6) and GNR (73.5). In rice zone of the Punjab wheat yield increased significantly with Cu application @ 1 kg ha^{-1} over NPK with VCR (18.5) and GNR (296.0). In cotton zone of the Punjab the wheat yield remained non-significant but positive with Cu application @ 1 kg ha^{-1} alongwith NPK with VCR (4.8) and GNR (77.0).

Key Words: Copper response, Different zones of Punjab, Wheat yield