

EFFECT OF LOW RATES OF PHOSPHORUS ON WHEAT CROP UNDER BARANI CONDITIONS

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ABSTRACT

The effect of low rates of Phosphorus (P_2O_5) on wheat in the form of DAP mixed with seed under barani conditions was determined in Rawalpindi tehsil. The Phosphorus as P_2O_5 was applied @ 0, 30, 45, 60, and 90 Kg ha⁻¹ in the form of DAP mixed with the seed at sowing. Plant population and grain yield data indicated that P_2O_5 upto 30 Kg ha⁻¹ can be applied in the form of DAP mixed with the seed without any loss in plant population and grain yield. Beyond this increasing the P_2O_5 rate results decline in the yield of wheat.