

227. Grewal, S.S., Mittal, S.P., Singh, Kehar and Singh, Pratap. 1985. Effect of

fertilizer and manure on yield, soil moisture and monetary returns from rainfed maize-wheat rotation. *Intern. J. Trop. Agri.*, III(2): 91-97.

The field study conducted for 4 years on a sandy loam soil (udic ustocrept) near Chandigarh in northern India revealed that the application of no fertilizer, N alone @ N90 (N), N90 + P₂O₅ 30 (NP), N90 + P₂O₅ 30 + K₂O 20 (NPK) kg per ha, FYM @ 50 t/ha each year and NPK + FYM (when NPK and FYM were equivalent in terms of cost and N content) to rainfed maize, produced mean maize grain yield of 2.0, 2.5, 2.8, 3.1, 2.9 and 3.5 and that of wheat as 1.2, 1.5, 1.5, 1.7, 2.3 and 2.8 per ha.