

228. **Grewal, S.S., Mittal, S.P., Singh, Kehar and Singh, Pratap. 1985.** Effect of manure and fertilizer on soil water retention and use by rainfed maize-wheat in Shiwalik region. *J. Indian Soc. Soil Sci.*, 33(3):728-731.

The study reports the response to application of farm yard manure and fertilizers, in terms of soil moisture retention and use at critical periods by rainfed maize-wheat under the agro-climatic conditions of the Shiwalik region. It is suggested that under rainfed conditions, plants heavily depend upon profile stored water to overcome moisture stress and the application of FYM is better than NPK in ensuring exploitation of profile water and resulting in better crop yields.