

51. Prakash, C. and Rao, D.H. 1986. Frequency analysis of rainfall data for crop planning-Kota. *Indian J. Soil Conserv.*, 14(2):23-26.

25 years (1956-1980) rainfall data indicated that Kota (Rajasthan) received average annual rainfall of 800 mm (305-1504 mm) and average monthly rainfall in monsoon season was 71, 285, 255 and 117 mm in June, July, August and September, respectively. Assured weekly rainfall of at least 10 mm at 70% chance is expected from 27th to 36th meteorological weeks (2nd July to 9th September). Hence, dry sowing of *kharif* crops in 26th week (end June) and choosing crop varieties with growing season of 11-14 weeks is most suitable for Kota region under rainfed conditions.