

409. **Rama Mohan Rao, M.S. and Murthy, N.S. 1982.** Crop weather relationships under dryland farming in semi-arid tropics of Bellary, India. *Indian J. Soil Conserv.*, 10(2&3): 46-53.

Influence of climatic parameters on crop yields of *jowar*, safflower, cotton and gram using stepwise multiple regression analysis was studied for the period 1958-1974. It was indicated that *jowar* should be sown during first fortnight of September to take advantages of rains. Safflower and cotton yields were influenced by T_{max} whereas the wind had a significant bearing on the gram yields. During flowering to maturity, yields of all the crops were influenced by sunshine, wind and evaporation.