

- Lal, Hira, Arora, Y.K. and Bhardwaj, S.P. 1990.** Effect of minimal irrigation and spacings on soil-water-plant relationships and productivity of sweet orange on class V-VII lands in outer North-West Himalaya. Abstract, Internl. Symp. on "Water Erosion, Sedimentation and Resource Conservation", Dehradun, Oct. 09-13, 1990: 87.

Field studies were conducted for three years (1986-1987 to 1988-1989) on bouldery riverbed lands of Doon Valley to determine the soil-water-plant inter-relationships and productivity of sweet oranges (*Citrus sinensis*) cv. Malta Blood Red in response to irrigation schedule and plant spacings. Irrigation at 15 days interval was found comparatively better. Spacing neither affected plant growth nor yield and quality of fruits but on per hectare basis, closer

spacing produced 1.7 times more fruits than wider spacing.