

424. Ramanath, B., Seshachalam, N. and Mittal, S.P. 1977. Response of *bajra* hybrids to nitrogen application under dry-cum-wet irrigation. *Mysore J. Agric. Sci.*, 11: 504-509.

*Bajra* hybrids viz. HB 3, HB 4 and HB 5, were evaluated in the black soils of Bellary under dry-cum-wet irrigation for two *kharif* seasons of 1973 and 1974, with the application of graded doses of nitrogen at 0, 40, 80, 120, 160 and 200 kg/ha. HB 3 performed better than the other hybrids and the economically optimum dose of nitrogen was found to be 166.4, 157.7 and 130 kg N/ha for HB 3, HB 4 and HB 5.