

434. **Ranga Rao, V., Selvarajan, S. and Rama Mohan Rao, M.S. 1981.** An evaluation of improved dryland practices in *rabi jowar* for their feasibility and viability on micro plot under diverse season. Abst. Symp. on "Land use potentials of Karnataka", U.A.S., Raichur campus, Feb. 05-06, 1981.

Proven low as well as high monetary improved production techniques developed at the Research Centre, Bellary (Karnataka) for elevating the production levels of rainfed *jowar* have been tested and evaluated under diverse seasonal conditions for their viability on plots of 0.4 ha size both at the Research Farm as well as on cultivators' fields. Adoption of simple low cost practices like advancing plantings of *rabi jowar* by 15 to 20 days, maintenance of adequate plant stands and use of improved variety has increased grain yields by 565 kg/ha and net returns by 953 Rs./ha over farmer's practice. Addition of costly inputs like fertilizers and plant protection measures to low monetary inputs further boosted *jowar* yields by 56% and net returns by 37%.