

447. **Sastry, G., Hayavadana Rao, D., Hanumanthappa, B. and Chittaranjan, S.**  
1975. A conservation bench terrace to increase crop yields in deep black soils.  
*Curr. Res.*, 4: 207-208.

The paper highlights the success of conservation bench terraces for efficient moisture conservation in black soil region. Conservation bench terraces comprising contributing and receiving area at 50:50 and 60:40 ratios at slopes were tried. A slope of 0.75% was maintained in the contributing area. It was revealed that receiving area stored an additional available water of 4 to 5.75 cm over contributing area. Application of gypsum has yielded an additional water of 0.7 to 1.1 cm. The grain yields of *jowar* (SPV-86) were found to be more by 21 to 49% over that of contributing area in treatments with 50:50 and 60:40 ratios with gypsum.