

1181. **Sharma, A.K., Rama Mohan Rao, M.S. and Kaushal, R.C. 1995.** Securing land water base and enhancing productivity in Aravalis through soil and water conservation. *J. Soil & Water Conserv.*, 39(3&4):227-233.

The paper deals with the integrated development of two watersheds located in the Aravali ranges in Haryana State. To develop these areas work was initiated during 1983. An integrated approach including soil conservation engineering, afforestation and agronomic measures have been implemented in both the projects. A series of structural measures including small and big dams, gully plugs, diversion bunds and channels, silt detention structures etc. have been constructed to reduce the flash floods and recharge the ground water in the vicinity. Besides this, the wastelands have been afforested with the species like *Acacia tortilis*, *Acacia nilotica*, *Prosopis juliflora* for making these lands productive. *Ber* plantation has also been introduced in both the watersheds for increasing the income of the farmer. Series of crop demonstration were conducted on the farmer's field to demonstrate the improved technology. The crop yields increased manifolds and stabilized. As a result of watershed management programme, the rain water which used to be a havoc in past become a source of ground water recharge