

391. Pratap Narain, Puri, D.N. and Dhruva Narayana, V.V. 1985. Agroforestry programme in watershed management. Lead Paper (Selected Topics) National

Seminar on "Soil Conservation and Watershed Management", New Delhi, Sept. 17-18, 1985: 180-190.

The paper brings out the new dimensions of the age old agro-forestry practice to the Indian farming. It recommends adoption of agroforestry for biomass production for conservation and improvement of the production base in promoting agro-based forests and cottage industries besides attaining ecological balance. In that context, the paper provides a 3-tier system of agroforestry with variable combinations of agricultural crops, trees and grasses for different conditions. Finally, reviewing the available information for arable lands and farming systems, vis-a-vis the adoption of multipurpose trees, the watershed management system was proposed and other alternatives namely, agroforestry in crop systems, silvipastoral system, agro-silvi-pastoral system and multipurpose forestry production have been suggested.