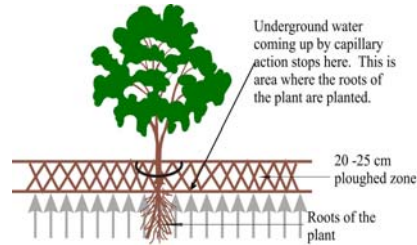


Dry Land Forestry

Innovator : Sundaram Verma
District : Sikar
State : Rajasthan



Brief Description

This is an innovation in which only one liter of water is sufficient for planting and growth of plant for its full life. The technique is in conserving the ground water and protecting it from evaporation. Deep ploughing up around 1 foot is done just after the rains to breakup the capillaries; this protects the groundwater from getting evaporated. Plantation is done after around 15 days of ploughing. Pits around 6 inches in diameter and 1.5 feet in depth are dug and plantation is done such that the plant is placed around 6 inches below the ploughing depth. The wet mud is taken out from the pit and used to cover the plant, which keep the moisture for longer period.

Salient Features

- One liter of water is sufficient for plantation with no additional watering
- Small pits are required for plantation
- The technique is suitable for any kind of plant like fuel wood, fodder or fruits)
- Survival rate of plant of plants are about 70-80 %.
- It is less expensive
- Suitable in the low water available areas

IPR Status

Open Source

Current Status

Over 50,000 plants have been planted so far in various parts of Sikar District of Rajasthan, India. 50 plants have also been planted at Science Park under the Department of Science and Technology, GoR. The environment friends are insisted to carry forward the movement.

Special Achievement

The Technology has been appreciated by the National Innovation Foundation and Dr. M.S. Swaminathan.

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