

INNOVATION OF FARMERS IN HAVERI DISTRICT

Compiled by: KVK, Haveri

WATER CONSERVATION DITCHES

1. Brief description of the innovative / technology and methodology designed / developed (or the innovation transferred by R and D Institutions modified according to local situation by the farmers

Water resource being an much of constraint factor in farming, many methods like drip irrigation and rain water harvesting are practiced by the farmers. The farmer of Jogihalli village of Hirekerur taluk Dist. Haveri was having 10 acres of Barren land, has adopted an soil and water conservation technology by digging pits of 1 foot depth in zig-zag manner covering the whole field with the help agriculture wastes. He irrigates these pits manually once in ten days. The waste material covered on soil helps to retain the water during water scarcity period and indirectly it contributes to the production of manure.

2. The details of the problems addressed and solved

- Mulching the soil with agricultural wastes helps to reduce water evaporation losses.
- Economic use of water can be done.
- Agriculture wastes can be advantageously used as mulching material.

3. The relative advantages of the technology in terms of

1) Cost Benefit / profitability

The water resource can be conserved, utilized and managed to the maximum.

2) Labour and time saving

Frequency of watering the plants can be reduced.

3) Drudgery reduction

Helps in labour saving as water losses are less and water given to the plant is efficiently utilized

4) Adaptability across the system

Farmers having less water resource are more benefited by adopting this system of conservation of water.

4. Please provide the photographs / drawings and other visual details associated with the innovation / technique/methodology and the benefits obtained



5. **Outcome:** Conservation of water and soil efficiently.

6. **Any other relevant details**

By using this method farmer is maintaining 164 Mango, 300 coconut, 150 sapota, 100 lemon and 4000 teak plants/ trees from last 10 years.

7. **The details of the farmer // rural youth or the local firm /organization who have designed the technology / methodology**

Name and address : Sri. Somashekharappa V. Chaparadahalli

Communication details: Jogihalli, Post : Tavaragi, Tq: Hirekerur, Dist: Haveri

Photo of the innovative farmer :

