

TUBULAR ROOT IRRIGATION WITH NET FILTER

By

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AIM AND OBJECTIVE

- The main aim of the project is to help the farmers by introducing a new method of irrigation and to increase the yield and reduce the cost which help the farmers to give equivalent water supply to plants. It filters the solid dust and calcium deposition in the pipes using the filter. And to stop using Hydrochloric acid to clean pipes.

METHODOLOGY

- When the motor pumps water from well or from bore well the water is filtered using the minute thick nylon nets, then the water goes to field.
- The water is filtered again using another filter. The sticky calcium plaque in hose is removed.
- I use polyethylene hose to stop deposition of calcium

COST EFFECTIVE

- This is a cost effective project because we save the money which will cost from Rs5000 to 8000 but we use only Rs 1500 to Rs2000 to we also save the money which we use for buying HCL.
- Use to buy hydrolic filter. make this project so it is a cost effective project.

SOCIAL BENEFIT

- Farmers are enabled to produce more crops. if we use HCL in field the user gets lung infections
- If HCL is poured in land the plant fertility and land fertility is affected.
- Due to high force the water flows and too minute calcium particles goes out

RESULT

- ▶ Equal low of water tor long period directly to the roots
- ▶ To stop the use of hydrochlorie acid to elean ealcium deposits.
- ▶ To bring cost effective eultivation. Water conservation.
- ▶ Easy cleaning of filter.

Scaled Hoses :



Unscaled paper hoses:

