

## MICRO IRRIGATION METHOD

- Micro irrigation methods are precision irrigation methods of irrigation with very high irrigation water efficiency.
- In many parts of the country there is decline of irrigation water and conventional methods are having low water use efficiency.
- To surmount the problem, micro irrigation methods have recently been introduced in Indian agriculture.
- These methods save a substantial amount of water and helps increasing crop productivity particularly valuable cash crops like vegetables.
- The research results have confirmed a substantial saving of water ranging between 40 to 80% and there are reports of two times yield increase for different crops by using micro irrigation.

**Two main micro irrigation systems are :**

### **Advantages of Micro Irrigation**

- (a) Water saving, possibility of using saline water.
- (b) Efficient and economic use of fertilizers.
- (c) Easy installation, flexibility in operation.
- (d) Suitable to all types of land terrain also suitable to waste lands.
- (e) Enhanced plant growth and yield and uniform and better quality of produce.
- (f) Less weed growth.
- (g) Labour saving.
- (h) No soil erosion, saves land as no bunds, etc. are required.
- (i) Minimum diseases and pest infestation.

- The research results have confirmed a substantial saving of water ranging between 40 to 80% and there are reports of two times yield increase for different crops by using micro irrigation.

**Two main micro irrigation systems are :**

**Advantages of Micro Irrigation**

- (j) Water saving, possibility of using saline water.
- (k) Efficient and economic use of fertilizers.
- (l) Easy installation, flexibility in operation.
- (m) Suitable to all types of land terrain also suitable to waste lands.
- (n) Enhanced plant growth and yield and uniform and better quality of produce.
- (o) Less weed growth.
- (p) Labour saving.
- (q) No soil erosion, saves land as no bunds, etc. are required.
- (r) Minimum diseases and pest infestation.

