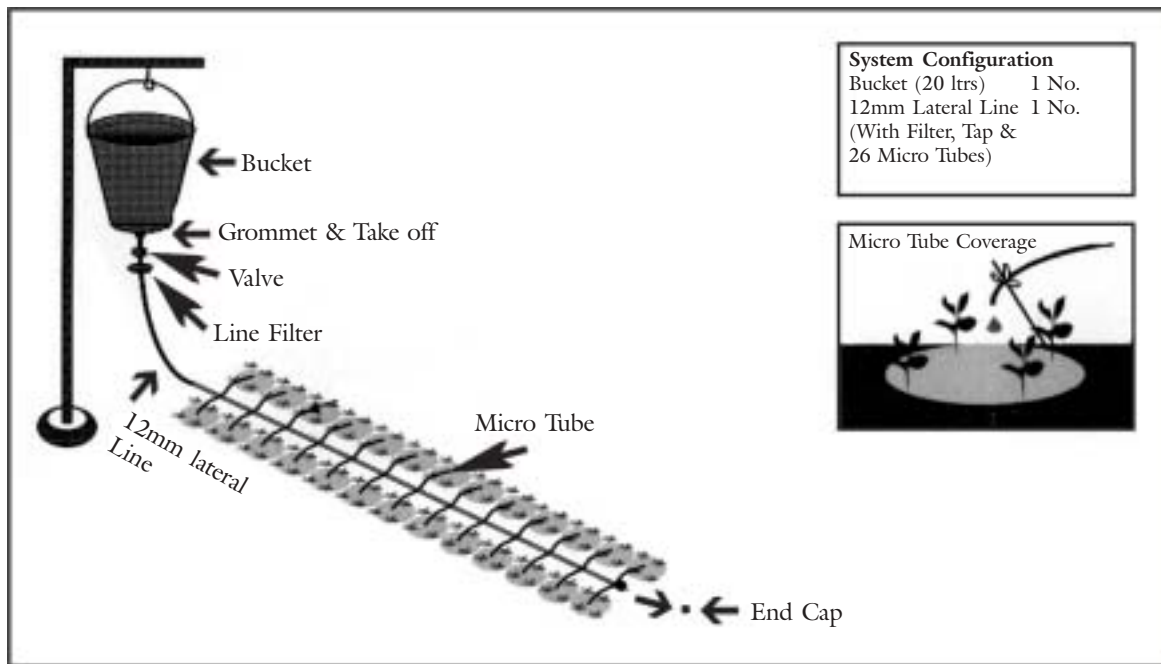




WELCOMENVIRON

WATER EFFICIENCY CONCEPT

Bucket Kit



The **Bucket kit** is ideally suitable for kitchen gardens for women or landless farmers, and urban gardens. It consists of a bucket and one 10-metre long lateral fitted with 26 micro tubes. It can irrigate 104 plants, placed around these micro tubes.

The bucket is placed at a height of about 0.5 metre and is filled 3 to 4 times a day.

The kit, including the bucket, costs Rs. 225.

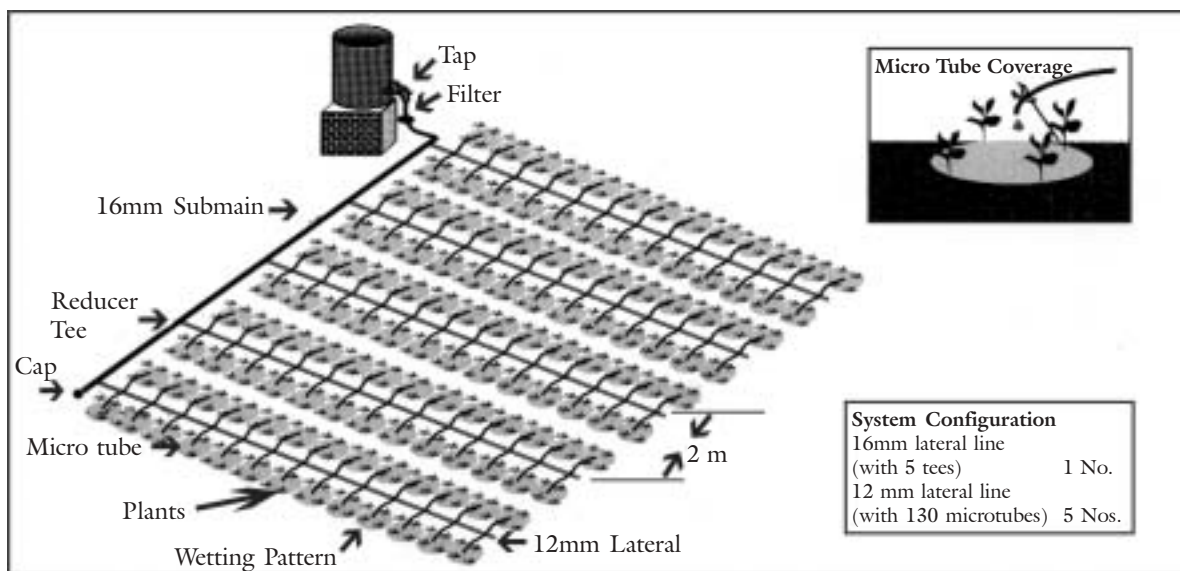


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ECO-EDUCATIONAL KIT

Drum Kit



The **Drum kit** is most useful for kitchen gardens and small commercial vegetable gardens. It can irrigate 520 vegetable plants with just one drum (of 200-litre capacity) of water. The drum must be filled once in the morning and once in the evening.

The drum kit consists of pipes 130 tiny 1mm-diameter pipes called 'micro tubes' fitted to 5 rows of 12 mm-diameter pipes called 'laterals'. These laterals are connected to a drum of water by a 16mm-diameter pipe called 'sub-main'.

All the pipes are pre-fitted and packed in a small box. The farmer has to just unroll all the pipes, lay them on the ground and connect to drum. A small manual is provided to pictorially guide the farmer on correct installation and planting.



Water from the drum flows out like a small stream from all the 130 micro tubes. Water spreads out in a circular pattern of about 0.5-metre radius. Four plants are planted in each of the circles.

An ideal area for drum kit irrigation is 120 sqm. The kit costs Rs. 600 (plus another Rs. 500-600 for a drum to be purchased locally).

THIS PRACTICE CAN BE FOLLOWED IN HOME AND EARM HOUSES.