

Kansui Irrigation System



THE MAGNIFICENT IRRIGATION TUBE



Kansui irrigation tube is a unique irrigation system design for uniform distribution of water to the open field crops such as oil palm, rubber and cocoa nursery, vegetables, landscape, as well as household lawn. The system can also be used for cooling roofing surfaces during hot weather.

Kansui FEATURES

- Made of special grade plastic materials added with UV stabilizer ingredient to withstand local weather conditions.
- *Kansui* unique spray pattern with different sprouting angles, wider coverage and systematically spread is specially developed for irrigation of estate crop nurseries.
- With optimised size of water droplets, higher flow rate thus reduces watering time, cost saving and drift reduction as compare to conventional perforated tube.
- Less probability of clogging and wider coverage as compare to smaller holes perforated tube.
- Due to fine and uniform watering, no injury to young seedling and crops, minimized splashing of soil, reduced fertilizer wash and no danger of compacting soil.
- *Kansui* perforated holes are specially reinforced with lining to minimize wear and tear.

SPECIFICATIONS

| Model | Flat width (mm) | No of perforation line | Pressure (kg/cm ²) | Water feed rate (l/min-m) | Spraying width (m) |
|-------------|-----------------|------------------------|--------------------------------|---------------------------|--------------------|
| Kansui - F | 50 | 4 | 0.5-1.2 | 0.5-1.5 | ← max 6 m → |
| Kansui | 50 | 4 | 0.5-0.8 | 0.3-1.0 | ← max 6 m → |
| Kansui-Drip | 50 | 2 | 0.2-0.5 | 0.2-0.6 | ← 0.1-2 m → |

Material : SPECIAL GRADE POLYETHYLENE WITH UV STABILIZER.

Standard tube length per roll : 50m and 100m (Off length is available on request)

Packing : 100m x 5 rolls/case. 50m x 10 rolls/case.

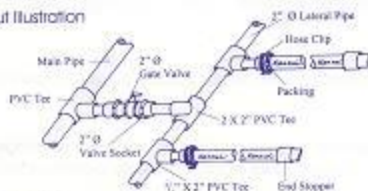
All specifications are subject to change without prior notice

NOTE:

OTHER SPECIFICATION WITH VARYING HOLE SIZE, HOLE INTERVAL. SPRAYING PATTERN ARE ALSO AVAILABLE ON REQUEST.

Installation

Layout Illustration



Main Pipe Size > 2" Ø
maximum 106 per plot
with 2" Ø lateral pipe: 12



END-STOPPERS

1. Cut 1" Ø pvc pipe about 2" length
2. Fold Kansui tube end and insert into cut pvc pipe as illustrated.

FILTER AND CLEANING

1. To prevent blockage, install wire mesh filter at the water pump suction inlet.
2. In case of holes blockage, open the end stopper of the tube and flush out any debris or sediments with running water.
3. Also can insert a piece of sponge (1 1/2" Ø) through the inlet and run water through the tube with other end left open to brush and clean the tube.
4. To prevent the tube blow by wind in the field, use wire bended in U-shape for fixing the tubes.

OPTIONAL ITEMS

Simple "RAISED STRUCTURE" to overcome obstruction of leaves, fronds during watering as plants grow is available as optional items.

FOR CONSULTATION ON IRRIGATION SYSTEM SET-UP AND INSTALLATION, PLEASE CONTACT: