RAIN HOSE TECHNICAL DATA

Description:

Rain hose with **laser punched holes** is an affordable irrigation system for overhead irrigation. It is easy to install and maintain, economical than sprinklers. These spray holes are made with **laser punched technology** to ensure uniform flow of water.
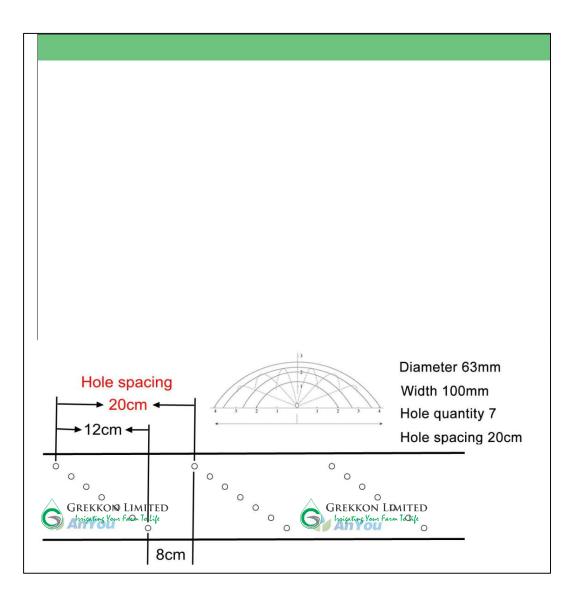
Features

Diameter		32mm	40mm	50mm	
Width		N50mm	N63mm	N80mm	
Spray radius		1.5-2.5m	2-3.5m	3.5-4.5m	
Spray width		3.0-5m	4.0-7.0m	7.0-9.0m	
10m Flow rate		$1.3 \text{ m}^3/\text{h}$	$1.6 \text{ m}^3/\text{h}$	$2.2 \text{ m}^3/\text{h}$	
Wall Thickness	0.5mm,				
Hole spacing	20cm,				
Hole quantity	7				
Working pressure	$0.8\text{-}1.5 \text{ kg} / \text{cm}^2$ (0.8-1.5 bar)				
Spray height	1.5m - 2m				
Laying Length	≤50m				
Roll length	25m, 50m, 100m				
Quantity per acre	32mm=1,000m -1,200m 40mm =800m-900m 50mm = 600m-700m				

Wetting Pattern

Hole spacing
20cm
12cm

Diameter 63mm
Width 100mm
Hole quantity 7
Hole spacing 20cm

8cm

Product Features

(1) Requires low pressure and saves water.

(2) It sprays fine drops of water evenly, which helps to improve seedling germination rate and survival.

(3) After fertilizer application, Rainhose irrigation helps to gradually wet the top dressed fertilizer, and effectively allows the fertilizer to penetrate into the ground and reach plants roots, without washing the fertilizer out.

(4) It helps to maintain soil loseness

(5) It is the most suitable equipment for irrigation of sandy soil and on flat landscape.

(6) Easy to install, saves labor costs.

(7) Resistant to UV radiation.

3. Suitable crops

For closely spaced crops, onion, vegetable crops, groundnut, leafy vegetables, cabbage, plantain, cocoa, dragon fruit, lawn, nurseries, carrots, etc