

HT - 30PM (Saaras Jumbo)

1" BSP/NPT Female Thread

The HT-30PM Double Arm plastic sprinkler is ideal for irrigation of crops that require medium to high water discharge. It is especially recommended for horticultural plantations, leguminous plants, fruit trees, and field crops such as tuberous vegetables, pulses, oil seeds, sugarcane, tea, coffee, cereals, and fodder. Featuring a highly energy-efficient double arm design, this sprinkler ensures superior water distribution uniformity. Constructed from heavy-duty plastic, the HT-30PM provides excellent corrosion resistance and long-lasting performance.



HIGHLIGHTS

- **Excellent Design:** high discharge sprinkler energy- efficient double arm for higher distribution uniformity
- Bridge free plastic impact sprinkler designed to operate efficiently and smoothly with High resistance to wind and drift.
- Covered spring assembly protects it from external damage.
- Available in 1" BSP/NPT Female threaded connection
- **Uniform Water Distribution:** Recommended spacing up to 18m (60ft)
- **Convenient Maintenance:** 4 Colour coded bayonet nozzles specifically designed with spreader screws for excellent water distribution uniformity and easy service in the field.
- **Durability:** Manufactured with heavy duty plastic for high durability and corrosion resistance.

TECHNICAL DATA

- Pressure range : 1 - 3 kg/cm² (14 - 43 psi.)
- Flow rate range : 1255 - 3550 l/h (5.4 - 15.6 gpm.)
- Diameter of coverage : 21.5 - 31.5 mtr. (70.5 -103.3 ft.)
- Trajectory Angle: 30°



Performance Table (HT-30PM)

Nozzle Colour & Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm ²	PSI	mtr	ft	LPH	GPM
4.2 Green x 3.8 Blue	21/128" Green x 19/128" Blue	1.0	14	21.5	70.5	1225	5.4
		1.5	21	24.5	80.4	1500	6.6
		2.0	28	27.0	88.6	1725	7.6
		2.5	36	27.5	90.2	1930	8.5
		3.0	43	28.5	93.5	2125	9.3
5.0 Black x 3.8 Blue	13/64" Black x 19/128" Blue	1.0	14	22.0	72.2	1500	6.6
		1.5	21	25.5	83.7	1850	8.1
		2.0	28	27.5	90.2	2125	9.3
		2.5	36	28.0	91.9	2375	10.4
5.0 Black x 4.2 Green	13/64" Black x 21/128" Green	3.0	43	29.0	95.1	2600	11.4
		1.0	14	22.5	73.8	1625	7.1
		1.5	21	26.0	85.3	2000	8.8
		2.0	28	28.0	91.9	2300	10.1
		2.5	36	28.5	93.5	2575	11.3
6.0 Purple x 3.8 Blue	15/64" Purple x 19/128" Blue	3.0	43	29.5	96.8	2800	12.3
		1.0	14	24.0	78.7	1925	8.5
		1.5	21	27.5	90.2	2350	10.3
		2.0	28	29.5	96.8	2725	12.0
		2.5	36	30.0	98.4	3050	13.4
6.0 Purple x 4.2 Green	15/64" Purple x 21/128" Green	3.0	43	31.0	101.7	3335	14.7
		1.0	14	24.5	80.4	2050	9.0
		1.5	21	28.0	91.9	2500	11.0
		2.0	28	30.0	98.4	2900	12.8
		2.5	36	30.5	100.1	3235	14.2
3.0	43	31.5	103.3	3550	15.6		

- Performance is based on ideal conditions of temperature, wind velocity and humidity.
- Tested at 100cm (3ft.) height above the ground.

Spacing (m)	CU	DU	SC	PR (mm/hr)
12 x 12	91%	89%	1.1	16.0
12 x 15	86%	78%	1.4	12.8
15 x 15	85%	80%	1.3	10.2
15 x 18	87%	85%	1.2	10.6
12 x 18	87%	78%	1.5	8.5
18 x 18	84%	74%	1.3	7.1



Nozzle Size : 5.0x4.2mm | Pressure : 2.0 kg/cm²

