AUTOMAT®
Creating a Green World®

SEAGULL

1” Mini Rain Gun (HT 30G)

ENHANCES CROP QUALITY AND INCREASES YIELD

Highly energy efficient & specially designed to work even at a low water pressure of 1kg/cm^2

Technical Brochure

Applications:

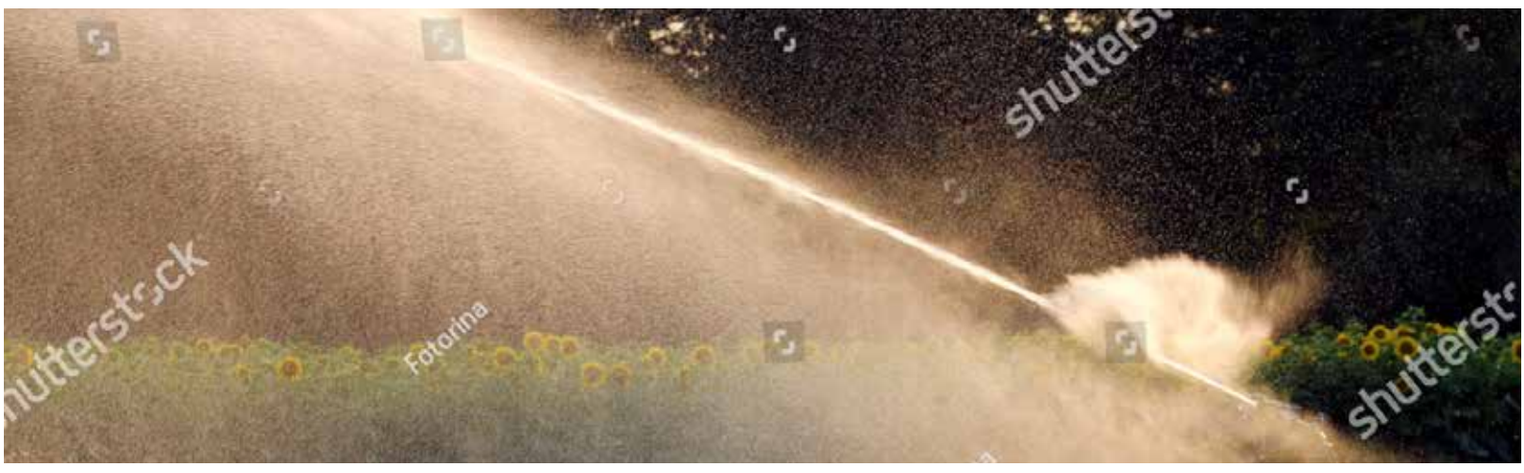
- Suitable for Overhead irrigation for bigger crops like sugarcane, oats, maize, fodder and horticulture.
- It can also be applied to deep irrigations of intensive cultivation such as vegetables.
- Designed for both full field and irrigation of field edges.

Features:

- Available in 1" BSP/NPT Female threaded
- Pressure die casted Body and arm.
- Heavy duty brass nut, tube & Diffusor Screw.
- Stainless Steel Pivot Pin, Lock Pin, Springs, Nut and bolt.
- Plastic parts made of engineering plastic for durablity.
- Available both Full Circle & Part -circle design.
- Jet breaker screw to change the water jet from heavy droplets to fine spray.
- Operating Pressure Range 1.0 - 4.0 kg/cm^2 or 15 - 60Psi
- Recommended Pressure 2 kg/cm^2
- Recommended spacing 18m for higher distribution uniformity.
- Trajectory Angle: 28^0

Highlights

- **Works in low pressure water supply.**
- **Coverage of large area with 86- 90% complete water distribution.**
- **Quick and easy to install and operate.**
- **Capital expenditure is less than conventional irrigation systems.**



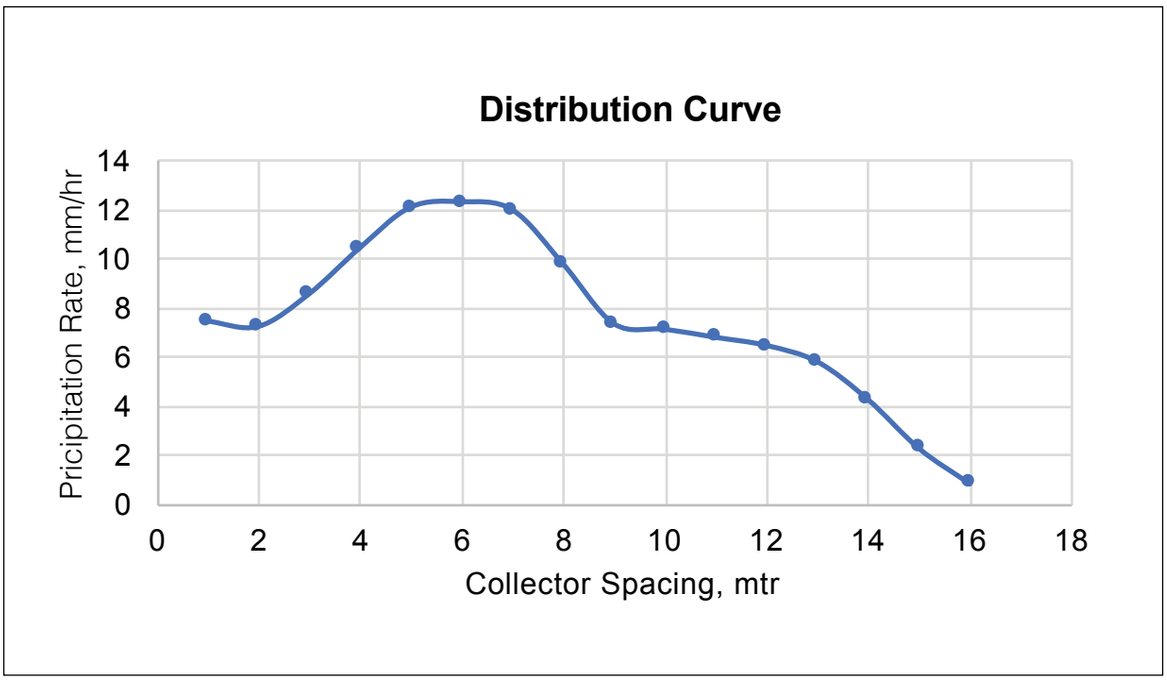
PERFORMANCE TABLE

Nozzle	Pressure		Coverage Diameter		Discharge Rate	
mm	kg/cm²	PSI	mtr.	ft.	LPM	GPM
6*3.5	1.0	14.2	24	79	32	8.41
	2.0	28.4	30	98	44	11.7
	3.0	42.7	34	112	55	14.5
	4.0	56.9	36	118	63	16.5
8*3.5	1.0	14.2	26	85	45	11.9
	2.0	28.4	33	108	63	16.7
	3.0	42.7	36	118	78	20.7
	4.0	56.9	38	125	91	23.9
10*3.5	1.0	14.2	28	92	65	17.2
	2.0	28.4	34	112	94	24.7
	3.0	42.7	39	128	116	30.5
	4.0	56.9	42	138	134	35.4

DISTRIBUTION ANALYSIS @ 2 KG/ CM²

Spacing (m)	CU (%)	DU (%)	SC (5%)	APR
15 x 15	88%	77%	1.6	11.8
16 x 16	88%	77%	1.8	7.0
17 x 17	87%	75%	1.9	6.2
18 x 18	86%	75%	1.7	5.6
15 x 15	86%	79%	1.4	16.9
16 x 16	85%	76%	1.8	14.8
17 x 17	85%	72%	2.1	13.1
18 x 18	84%	71%	2.2	11.7
15 x 15	98%	96%	1.1	25.0
16 x 16	93%	88%	1.2	22.0
17 x 17	86%	79%	1.4	19.4
18 x 18	80%	71%	1.5	17.3

* Peformance is based on ideal conditions of Temperature, wind velocity and Humidity.



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