

Acurain™ 501-U



Germination
Irrigation



Irrigation
Full Coverage



Blossom
Shower



Field
Crops



Innovative Spreader Design

Corrugated jet spreader for uniform distribution and fine water droplets for delicate irrigation of all crops



Special Hammer for Rotation

Unique turbo hammer for uniform rotation



Different Flow Rates Available

Specially designed color coded nozzle for different flow rates



Neck Spring Protection Cover

Additional cover provided for neck spring protection



Easy to Assemble & Disassemble

For ease maintenance & inspection



Threaded Inlet Connection

Available in 1/2" male or 1/2" female BSP threaded connections

Acurain 501-U

Additional Features

- **Manufactured from special grade polymer material:** High strength polymer is used to achieve wear resistance and longer trouble free performance.
- **Excellent Precipitation:** Gentle precipitation, no damage to flowers / plants
- **Quality Comes First:** Each batch is tested for stringent quality parameters

Applications

- Overhead irrigation for extra-range spacings up to 8 m
- Recommended for vegetables & nurseries, etc

Specifications

- Flow Rates: 100 to 250 lph
- Inlet Connection: ½" male or ½" female BSP threaded
- Recommended Spacing's: 6 m to 8 m
- Recommended Pressure: 1.5 kg/cm² to 3.5 kg/cm²
- Easy to install with different mounting options, for details please refer to "Polyfittings & Accessories" section

Performance Table - Acurain 501 U

Nozzle (mm)	P (kg/cm ²)	Q (lph)	D (m)	Precipitation (mm/hr) / spacing (m)				
				6x6	6x7	7x7	7x8	8x8
1.6 Red	1.5	100	12.0	2.8	2.4	2.0	1.8	1.6
	2.0	110	12.0	3.1	2.6	2.2	2.0	1.7
	2.5	130	12.0	3.6	3.1	2.7	2.3	2.0
	3.0	150	12.0	4.2	3.6	3.1	2.7	2.3
	3.5	165	12.5	4.6	3.9	3.4	2.9	2.6
1.8* Green	1.5	150	12.0	4.2	3.6	3.1	2.7	2.3
	2.0	170	13.0	4.7	4.0	3.5	3.0	2.7
	2.5	190	13.0	5.0	4.5	3.9	3.4	3.0
	3.0	210	14.0	5.8	5.0	4.3	3.8	3.3
	3.5	230	14.0	6.4	5.5	4.7	4.1	3.6
2.0 Blue	1.5	160	12.0	4.4	3.8	3.3	2.9	2.5
	2.0	180	13.0	5.0	4.3	3.7	3.2	2.8
	2.5	200	13.0	5.6	4.8	4.1	3.6	3.1
	3.0	220	14.0	6.1	5.2	4.5	3.9	3.4
	3.5	240	14.0	6.7	5.7	4.9	4.3	3.8
2.2 Yellow	1.5	170	13.5	4.7	4.0	3.5	3.0	2.7
	2.0	200	15.0	5.6	4.8	4.1	3.6	3.1
	2.5	215	15.0	6.0	5.1	4.4	3.8	3.4
	3.0	235	15.5	6.5	5.6	4.8	4.2	3.7
	3.5	250	15.5	6.9	6.0	5.1	4.5	3.9

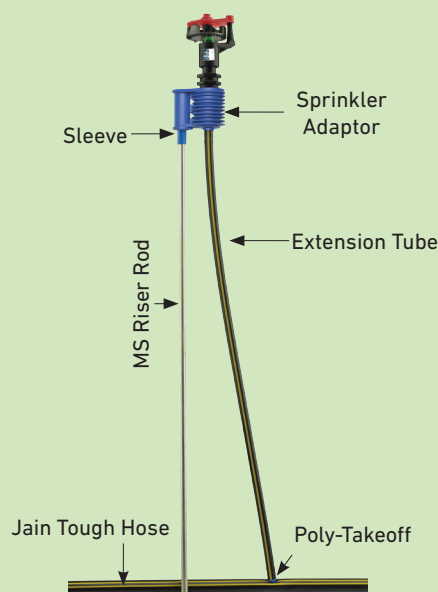
P= Pressure; Q= Discharge; D = Diameter

* Standard nozzle

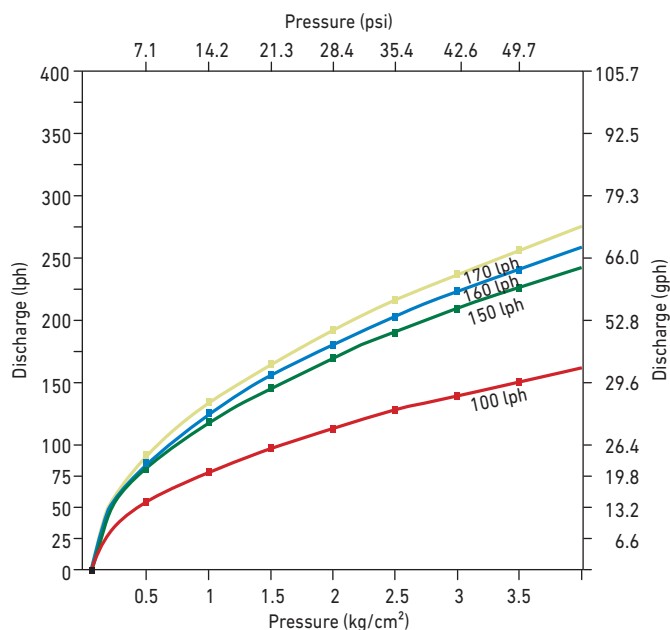
Colour code - coefficient uniformity

CU < 85%	CU = 85-88%	CU = 88-92%	CU > 92%
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Acurain 501-U Turbo Hammer Assembly



Performance Graph



Ordering Specification

5151	X	XX	X
	5 - Male Connection 6 - Female Connection	Nozzle Size (mm) x 10	J - Domestic N - Export

Example: 5151516J - This code represents 501-U sprinkler with nozzle size 1.6 mm and male connection for domestic (within India) order.