

# Acurain™ 502-H

ACURAIN SPRINKLER



Germination  
Irrigation



Irrigation  
Full Coverage



Field  
Crops



Blossom  
Shower



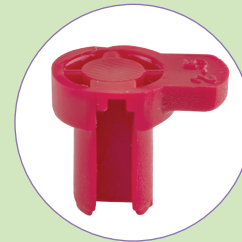
### Corrugated Jet Spreader

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



### Unique Turbo Hammer

Unique turbo hammer for uniform rotation.



### Specially Designed Nozzle

Unique design of nozzle ensures longer throw



### Threaded Inlet Connection

Available in 1/2" male threaded connections



### Neck Spring Protection Cover

Additional cover provided for neck spring protection



### Easy to Assemble & Dismantle

For easy maintenance & inspection

# Acurain 502-H

## 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 upto 10x10 m
- Can also be used for under tree irrigation
- Recommended for vegetables & nurseries, etc

## Specifications

- Flow Rate : 226 to 345 lph
- Inlet Connection : ½" male threaded
- Wetted diameter : 13 m to 17 m
- Recommended Pressure: 1.5 kg/cm<sup>2</sup> to 3.5 kg/cm<sup>2</sup>
- Nominal operating pressure is 1.5 kg/cm<sup>2</sup>. Can be used for other pressure ratings (lower / higher) after consulting company representative and due care for spacing and application rate.
- Easy to install with different mounting options, for details please refer to "Polyfittings & Accessories" section.

## Performance Table - Acurain 502 H

Precipitation rates (mm/hr) & uniformity (CU) at various spacing

Nozzle (mm)	P (kg/cm <sup>2</sup> )	Q (lph)	D (m)	Precipitation (mm/hr) / spacing (m)				
				8x8	8x9	9x9	9x10	10x10
2.5 Red	1.5	226	13.0	3.5	3.1	2.8	2.5	2.3
	2.0	263	15.0	4.1	3.6	3.2	2.9	2.6
	2.5	292	15.5	4.6	4.0	3.6	3.2	2.9
	3.0	318	16.5	5.0	4.4	3.9	3.5	3.2
	3.5	345	17.0	5.4	4.8	4.2	3.8	3.4

Colour code - Coefficient of uniformity

CU < 85%	CU = 85-88%	CU = 88-92%	CU > 92%
----------	-------------	-------------	----------

Note:

Performance table prepared under laboratory conditions.

For windy conditions use closer spacings.

## Ordering Specifications

	X	XX	X
5152	1 - Male Connection	Digit - Nozzle Size (mm) 05 - 2.5 mm	J - Domestic
	2 - Female Connection		N - Export

Example: 5152105J - This code represents 502 H sprinkler with nozzle size 2.5 mm and male connection for domestic (within India) order.

## Acurain 502-H Assembly

