

Overhead Sprinklers



Features

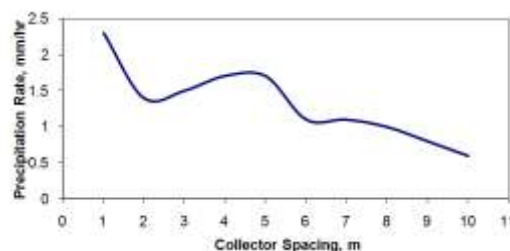
- Available in 1/2" Male threaded
- Color coded nozzles for easy size identification.
- Nozzle Bayonet connection for easy service in field conditions.
- Nozzles with integrated stream straightening vane for long range.
- Engineering Plastic material for durability and corrosion resistant.
- Pivot pin and Springs made of Stainless steel.
- Recommended Pressure 2.0 - 4.0 kg/cm² or 30 -55Psi
- Recommended spacing up to 12m for higher distribution uniformity.
- Trajectory Angle: 24°

Application





- All row crops irrigation compatible by overhead irrigation on solid set systems - portable or permanent.
- Agriculture fields and germination of vegetable, flowers and nursery crops.

Nozzle Size: 3.2 x 1.8mm Pressure: 3.0kg/cm²

Distribution Curve



Performance Table

| Nozzle (mm) | Pressure | | Coverage Diameter | | Discharge Rate | |
|---|--------------------|-------|-------------------|-------|----------------|-------|
| | kg/cm ² | Psi | mtr. | ft. | LPM | GPM |
| 2.9x1.8  | 2 | 28.44 | 20 | 65.60 | 10.08 | 2.66 |
| | 2.5 | 35.55 | 20.4 | 66.91 | 11.25 | 2.97 |
| | 3 | 42.66 | 20.8 | 68.22 | 12.33 | 3.26 |
| | 3.5 | 49.77 | 21 | 68.88 | 13.33 | 3.52 |
| 3.2 x 1.8  | 4 | 56.88 | 21 | 68.88 | 14.17 | 3.74 |
| | 2 | 28.44 | 21.0 | 68.88 | 11.94 | 3.152 |
| | 2.5 | 35.55 | 21.6 | 70.85 | 13.43 | 3.548 |
| | 3 | 42.66 | 21.6 | 70.85 | 14.78 | 3.903 |
| 3.5x2.4  | 3.5 | 49.77 | 22.0 | 72.16 | 15.86 | 4.188 |
| | 4 | 56.88 | 22.0 | 72.16 | 17.13 | 4.525 |
| | 2 | 28.44 | 21.6 | 70.85 | 16.67 | 4.402 |
| | 2.5 | 35.55 | 22.0 | 72.16 | 18.91 | 4.996 |
| 4.0x2.4  | 3 | 42.66 | 22.4 | 73.47 | 20.83 | 5.502 |
| | 3.5 | 49.77 | 23.0 | 75.44 | 22.50 | 5.943 |
| | 4 | 56.88 | 23.0 | 75.44 | 24.17 | 6.383 |
| | 2 | 28.44 | 22.0 | 72.16 | 19.08 | 5.041 |
| | 2.5 | 35.55 | 22.4 | 73.47 | 21.25 | 5.613 |
| | 3 | 42.66 | 23.0 | 75.44 | 23.58 | 6.229 |
| | 3.5 | 49.77 | 23.6 | 77.41 | 25.67 | 6.779 |
| | 4 | 56.88 | 24.0 | 78.72 | 27.50 | 7.262 |

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

| Spacing | CU | DU | SC(5%) | APR |
|----------|-----|-----|--------|-----|
| R8 x 8 | 93% | 90% | 1.1 | 6 |
| R9 x 9 | 93% | 90% | 1.1 | 4.7 |
| 10 x 10 | 89% | 85% | 1.2 | 3.8 |
| R11 x 11 | 87% | 83% | 1.2 | 3.2 |
| R12 x 12 | 87% | 81% | 1.3 | 2.7 |

