



Rondo

Medium-range mini-sprinkler

Rondo provides flexible installation options and numerous additional features.

Main features:

- Low to moderate irrigation application rate with gentle droplets - prevents run-off on non-penetrable soils
- Moderate to wide wetting range, for spacings of up to 7.5x7.5 m
- Uniform water distribution pattern
- Easy to take-apart for field maintenance and replacement of individual parts
- Choice of 4 exclusive spinners for different applications
- Available with anti-insect snap-fit cup - protects from clogging caused by insects
- Option: Rondo fan sprayer on single bridge with adjustable deflectors for 90°, 180°, 360° wetting patterns
- Protected against UV degradation
- Resistant to chemicals and fertilizers commonly used in agriculture

Specifications:

- Flow rates: 30-300 lph
- Recommended operation pressure: 1.5-2.5 bar

Versatility - a wide choice of models and applications:

- Single or double bridge frame
- Installed in upright or inverted position
- 11 colour-coded nozzle sizes
- 3 assembly options with bayonet-mount nozzles:
 - 3/8" THM x conic female inlet - accommodates Plastro's Meteor adaptors or threaded hammer stakes
 - Ultra Nozzle - with either 5mm threaded inlet (flow rates up to 200 lph) or conic female inlet, mounted on spiked plastic stakes or 8 mm metal rods

Applications:

- Under-canopy irrigation in orchards
- On metal rods for vegetables irrigation
- In greenhouses, inverted overhead



Rondo

MINI & MIDI SPRINKLERS



Rondo - Performance Data*

| Nozzle Color & Size (mm) | Pressure (bar) | Flow Rate (lph) | Effective Wetting Diameter | | | | Radius | | |
|--------------------------|----------------|-----------------|----------------------------|----------|---------|--------|------------|------|------|
| | | | Spinners | | | | Deflectors | | |
| | | | Black** | Violet** | Green** | Blue** | 2x30° | 90° | 180° |
| Light blue ● | 1.5 | 25 | 5.8 | 4.0 | 7.4 | 5.2 | n.a. | n.a. | n.a. |
| | 2.0 | 30 | 6.5 | 4.4 | 7.4 | 5.2 | n.a. | n.a. | n.a. |
| | 2.5 | 33 | 6.0 | 4.4 | 8.0 | 5.2 | n.a. | n.a. | n.a. |
| Black ● | 1.5 | 34 | 5.8 | 4.4 | 8.4 | 7.0 | 2.0 | 2.4 | 2.1 |
| | 2.0 | 39 | 5.8 | 4.6 | 8.6 | 6.8 | 2.1 | 2.5 | 2.3 |
| | 2.5 | 44 | 5.6 | 5.0 | 8.8 | 6.8 | 2.2 | 2.6 | 2.4 |
| Blue ● | 1.5 | 44 | 6.6 | 4.6 | 8.6 | 7.0 | 2.1 | 2.7 | 2.5 |
| | 2.0 | 51 | 6.6 | 5.0 | 8.6 | 7.4 | 2.2 | 2.8 | 2.6 |
| | 2.5 | 57 | 6.5 | 5.4 | 8.8 | 7.4 | 2.3 | 2.9 | 2.6 |
| Dark blue ● | 1.5 | 55 | 7.2 | 5.0 | 8.2 | 7.4 | 2.2 | 3.3 | 2.6 |
| | 2.0 | 64 | 7.6 | 5.4 | 8.6 | 7.4 | 2.3 | 3.5 | 2.7 |
| | 2.5 | 72 | 7.6 | 5.6 | 8.8 | 7.4 | 2.4 | 3.6 | 2.7 |
| Green ● | 1.5 | 64 | 8.2 | 5.2 | 9.8 | 8.0 | 2.3 | 3.5 | 2.7 |
| | 2.0 | 75 | 8.8 | 5.2 | 9.8 | 8.0 | 2.4 | 3.6 | 2.8 |
| | 2.5 | 84 | 9.2 | 5.6 | 10.0 | 7.8 | 2.5 | 3.7 | 2.8 |
| Red ● | 1.5 | 88 | 8.8 | 5.6 | 10.4 | 8.2 | 2.4 | 3.8 | 2.9 |
| | 2.0 | 102 | 9.4 | 5.6 | 10.6 | 8.6 | 2.5 | 4.0 | 3.0 |
| | 2.5 | 114 | 9.6 | 6.2 | 10.6 | 8.6 | 2.6 | 4.1 | 3.1 |
| White ○ | 1.5 | 114 | 9.6 | 6.4 | 10.8 | 8.4 | 2.5 | 4.1 | 2.8 |
| | 2.0 | 132 | 10.0 | 7.2 | 10.8 | 8.6 | 2.6 | 4.2 | 2.9 |
| | 2.5 | 150 | 10.0 | 7.4 | 10.6 | 9.0 | 2.7 | 4.4 | 3.0 |
| Violet ● | 1.5 | 150 | 10.2 | 7.2 | 11.0 | 9.0 | 2.7 | 4.8 | 2.9 |
| | 2.0 | 174 | 10.5 | 7.6 | 11.2 | 9.2 | 2.8 | 5.0 | 3.0 |
| | 2.5 | 195 | 10.5 | 7.6 | 11.2 | 9.4 | 2.9 | 5.1 | 3.1 |
| Yellow ● | 1.5 | 177 | 10.2 | 7.2 | 11.2 | 9.6 | 2.9 | 5.4 | 3.1 |
| | 2.0 | 205 | 11.0 | 8.0 | 11.4 | 9.6 | 3.0 | 5.6 | 3.1 |
| | 2.5 | 231 | 11.0 | 8.2 | 11.4 | 9.6 | 3.1 | 5.8 | 3.2 |
| Brown ● | 1.5 | 220 | 10.8 | 8.4 | 11.2 | 9.2 | 3.2 | 5.9 | 3.2 |
| | 2.0 | 254 | 11.0 | 8.6 | 11.2 | 9.6 | 3.3 | 6.1 | 3.3 |
| | 2.5 | 284 | 11.0 | 8.8 | 11.2 | 9.6 | 3.4 | 6.2 | 3.3 |
| Orange ● | 1.5 | 257 | 10.2 | 8.6 | 10.6 | 9.2 | 3.5 | 6.0 | 3.5 |
| | 2.0 | 298 | 11.0 | 9.0 | 10.6 | 9.6 | 3.6 | 6.1 | 3.5 |
| | 2.5 | 336 | 11.0 | 9.0 | 10.6 | 9.6 | 3.7 | 6.2 | 3.6 |

* Performance data are obtained under ideal test conditions and may be adversely affected by wind, hydraulic conditions and other factors.

** Upright position: 25 cm above ground level

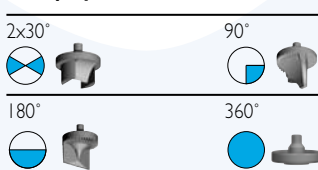
*** Inverted position: 200 cm above ground level

Spinner Models

| Color | Position | Trajectory | | Color | Position | Trajectory | |
|---------|----------|------------|--|-------|----------|------------|--|
| Black * | Upright | Convex | | Green | Inverted | Convex | |
| Violet | Upright | Flat | | Blue | Inverted | Flat | |

* Optional: Detachable built-in range limiter provides a restricted wetting diameter.

Wetting Patterns of Fan Spray Deflectors



Max. Recommended No. of Sprinklers on Irrigation Laterals*

| Nozzle (lph)** | Tube Diameter O.D. (mm) | Spacing between Emitters (m) | | | | | |
|--------------------|-------------------------|------------------------------|----|----|----|----|----|
| | | 3 | 4 | 5 | 6 | 7 | 8 |
| Light blue*** ● | 16.0 | 21 | 19 | 17 | 16 | 15 | 15 |
| | 17.8 | 25 | 23 | 21 | 20 | 19 | 18 |
| 30 | 20.0 | 32 | 29 | 27 | 25 | 24 | 23 |
| | 20.0 | 31 | 27 | 25 | 24 | 22 | 21 |
| Black ● | 16.0 | 20 | 18 | 16 | 15 | 14 | 13 |
| | 17.8 | 24 | 22 | 20 | 18 | 17 | 17 |
| 40 | 20.0 | 31 | 27 | 25 | 24 | 22 | 21 |
| | 20.0 | 31 | 27 | 25 | 24 | 22 | 21 |
| Blue ● | 16.0 | 16 | 14 | 13 | 12 | 11 | 11 |
| | 17.8 | 20 | 18 | 16 | 15 | 14 | 13 |
| 51 | 20.0 | 25 | 22 | 21 | 19 | 18 | 17 |
| | 20.0 | 25 | 22 | 21 | 19 | 18 | 17 |
| Dark blue ● | 16.0 | 13 | 12 | 11 | 10 | 10 | 9 |
| | 17.8 | 16 | 15 | 13 | 12 | 12 | 11 |
| 64 | 20.0 | 21 | 19 | 17 | 16 | 15 | 14 |
| | 20.0 | 21 | 19 | 17 | 16 | 15 | 14 |
| Green ● | 16.0 | 12 | 10 | 10 | 9 | 8 | 8 |
| | 17.8 | 14 | 13 | 12 | 11 | 10 | 10 |
| 75 | 20.0 | 18 | 17 | 15 | 14 | 13 | 13 |
| | 20.0 | 18 | 17 | 15 | 14 | 13 | 13 |
| Red ● | 16.0 | 10 | 8 | 8 | 7 | 7 | 6 |
| | 17.8 | 12 | 10 | 10 | 9 | 8 | 8 |
| 102 | 20.0 | 15 | 13 | 12 | 12 | 11 | 10 |
| | 20.0 | 15 | 13 | 12 | 12 | 11 | 10 |
| White ○ | 16.0 | 8 | 7 | 6 | 6 | 6 | 5 |
| | 17.8 | 10 | 9 | 8 | 7 | 7 | 7 |
| 132 | 20.0 | 13 | 11 | 10 | 10 | 9 | 9 |
| | 20.0 | 13 | 11 | 10 | 10 | 9 | 9 |
| Violet ● | 20.0 | 10 | 9 | 8 | 8 | 7 | 7 |
| | 25.0 | 15 | 14 | 13 | 12 | 11 | 11 |
| 174 | 32.0 | 24 | 22 | 20 | 19 | 18 | 17 |
| | 32.0 | 24 | 22 | 20 | 19 | 18 | 17 |
| Yellow ● | 20.0 | 9 | 8 | 7 | 7 | 6 | 6 |
| | 25.0 | 14 | 13 | 12 | 11 | 10 | 10 |
| 205 | 32.0 | 22 | 20 | 18 | 17 | 16 | 15 |
| | 32.0 | 22 | 20 | 18 | 17 | 16 | 15 |
| Brown ● | 20.0 | 8 | 7 | 6 | 6 | 5 | 5 |
| | 25.0 | 12 | 11 | 10 | 10 | 9 | 9 |
| 254 | 32.0 | 19 | 17 | 16 | 15 | 14 | 13 |
| | 32.0 | 19 | 17 | 16 | 15 | 14 | 13 |
| Orange ● | 20.0 | 7 | 6 | 6 | 5 | 5 | 5 |
| | 25.0 | 11 | 10 | 9 | 9 | 8 | 8 |
| 298 | 32.0 | 17 | 15 | 14 | 13 | 12 | 12 |
| | 32.0 | 17 | 15 | 14 | 13 | 12 | 12 |

* At ± 5% flow variation

** Flow rates at 2.0 bar

*** Available only with Ultra nozzle