

# Rondo

Medium-range mini-sprinkler



JOHN DEERE  
WATER



The Rondo medium-range mini-sprinkler is a great choice for orchards, greenhouses, and vegetable crops. With a wide range of configurable features and flexible installation options, the Rondo can deliver the spray pattern that's right for your crop. The Rondo delivers gentle droplets and a consistent spray pattern while inverted in greenhouses, under the canopy in orchards and on metal stakes in vegetable fields.

The Rondo's spray pattern size is moderate to wide and can be used for spacings of up to 7.5 meters by 7.5 meters. As an additional feature, Rondo is designed to be easily disassembled, allowing for both field maintenance and replacement of individual parts.

The Rondo is available with optional features including an anti-insect snap-fit cup and numerous deflector plates, providing added protection and specialized spray patterns.

# 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 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  
Single bridge - recommended for gardens.



## Rondo - Performance Data

Nozzle Color & Size (mm)	Pressure (bar)	Flow Rate (lph)	Effective Wetting Diameter (m)				Radius (m)		
			Spinners	Violet**	Green***	Blue	2x30°	90°	180°
<b>Light blue*</b>									
	2.0	30	6.5	4.4	7.4	5.2	n.a.	n.a.	n.a.
<b>Black 0.85</b>									
	2.0	39	5.8	4.6	8.6	6.8	2.1	2.5	2.3
<b>Blue 1.0</b>									
	2.0	51	6.6	5.0	8.6	7.4	2.2	2.8	2.6
<b>Dark blue 1.1</b>									
	2.0	64	7.6	5.4	8.6	7.4	2.3	3.5	2.7
<b>Green 1.2</b>									
	2.0	75	8.8	5.2	9.8	8.0	2.4	3.6	2.8
<b>Red 1.4</b>									
	2.0	102	9.4	5.6	10.6	8.6	2.5	4.0	3.0
<b>White 1.6</b>									
	2.0	132	10.0	7.2	10.8	8.6	2.6	4.2	2.9
<b>Violet 1.8</b>									
	2.0	174	10.5	7.6	11.2	9.2	2.8	5.0	3.0
<b>Yellow 2.0</b>									
	2.0	205	11.0	8.0	11.4	9.6	3.0	5.6	3.1
<b>Brown 2.2</b>									
	2.0	254	11.0	8.6	11.2	9.6	3.3	6.1	3.3
<b>Orange 2.4</b>									
	2.0	298	11.0	9.0	10.6	9.6	3.6	6.1	3.5

\* Light Blue - Ultra threaded 5.0 mm nozzle only.

\*\* Upright position: 25 cm above ground level

\*\*\* Inverted position: 200 cm above ground level

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

## Max. Recommended No. of Sprinklers on Irrigation Laterals

Nozzle **	Tube Diameter O.D. (mm)	Spacing between Emitters (m)					
		3	4	5	6	7	8
<b>Light blue</b>							
	16.0	21	19	17	16	15	15
	17.8	25	23	21	20	19	18
	20.0	32	29	27	25	24	23
<b>Black</b>							
	16.0	20	18	16	15	14	13
	17.8	24	22	20	18	17	17
	20.0	31	27	25	24	22	21
<b>Blue</b>							
	16.0	16	14	13	12	11	11
	17.8	20	18	16	15	14	13
	20.0	25	22	21	19	18	17
<b>Dark blue</b>							
	16.0	13	12	11	10	10	9
	17.8	16	15	13	12	12	11
	20.0	21	19	17	16	15	14
<b>Green</b>							
	16.0	12	10	10	9	8	8
	17.8	14	13	12	11	10	10
	20.0	18	17	15	14	13	13
<b>Red</b>							
	16.0	10	8	8	7	7	6
	17.8	12	10	10	9	8	8
	20.0	15	13	12	12	11	10
<b>White</b>							
	16.0	8	7	6	6	6	5
	17.8	10	9	8	7	7	7
	20.0	13	11	10	10	9	9
<b>Violet</b>							
	20.0	10	9	8	8	7	7
	25.0	15	14	13	12	11	11
	32.0	24	22	20	19	18	17
<b>Yellow</b>							
	20.0	9	8	7	7	6	6
	25.0	14	13	12	11	10	10
	32.0	22	20	18	17	16	15
<b>Brown</b>							
	20.0	8	7	6	6	5	5
	25.0	12	11	10	10	9	9
	32.0	19	17	16	15	14	13
<b>Orange</b>							
	20.0	7	6	6	5	5	5
	25.0	11	10	9	9	8	8
	32.0	17	15	14	13	12	12

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