

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 24 feet by 24 feet. 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: 2.1-21.1 gph

Recommended operation pressure:
22-36 PSI

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 52 gph) or conic female inlet, mounted on spiked plastic stakes or 8 mm (1/3") metal rod



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 (Inch)	Pressure (PSI)	Flow Rate (gph)	Effective Wetting Diameter (Ft)				Radius Deflectors		
			Spinners Black**	Violet**	Green***	Blue	2x30°	90°	180°
Light blue*									
29	8	21	14	24	17	n.a.	n.a.	n.a.	
Black 0.03									
29	10	19	15	28	22	7	8	8	
Blue 0.04									
29	13	22	16	28	24	7	9	9	
Dark blue 0.04									
29	17	25	18	28	24	8	11	9	
Green 0.05									
29	20	29	17	32	26	8	12	9	
Red 0.06									
29	27	31	18	35	28	8	13	10	
White 0.06									
29	35	33	24	35	28	9	14	10	
Violet 0.07									
29	46	34	25	37	30	9	16	10	
Yellow 0.06									
29	54	36	26	37	31	10	18	10	
Brown 0.06									
29	67	36	28	37	31	11	20	11	
Orange 0.09									
29	79	36	30	35	31	12	20	11	

* Light Blue - Ultra threaded .197" nozzle only.

** Upright position: 10" above ground level

*** Inverted position: 79" 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 ** (gph)	Tube Diameter O.D. (Inch)	Spacing between Emitters (ft)					
		9.8	13.1	16.4	19.7	23.0	26.2
Light blue							
8	0.70	25	23	21	20	19	18
	0.79	32	29	27	25	24	23
Black							
11	0.70	24	22	20	18	17	17
	0.79	31	27	25	24	22	21
Blue							
13	0.70	20	18	16	15	14	13
	0.79	25	22	21	19	18	17
Dark blue							
17	0.70	16	15	13	12	12	11
	0.79	21	19	17	16	15	14
Green							
20	0.70	14	13	12	11	10	10
	0.79	18	17	15	14	13	13
Red							
27	0.70	12	10	10	9	8	8
	0.79	15	13	12	12	11	10
White							
35	0.70	10	9	8	7	7	7
	0.79	13	11	10	10	9	9
Violet							
46	0.98	15	14	13	12	11	11
	1.26	24	22	20	19	18	17
Yellow							
54	0.98	14	13	12	11	10	10
	1.26	22	20	18	17	16	15
Brown							
67	0.98	12	11	10	10	9	9
	1.26	19	17	16	15	14	13
Orange							
79	0.98	11	10	9	9	8	8
	1.26	17	15	14	13	12	12

This literature has been compiled for worldwide circulation and the descriptions, photos, and information are for general purpose use only. Please consult with an irrigation specialist and technical specifications for proper use of John Deere Water products. Because some products are not available in all regions, please contact your local dealer for details. John Deere Water reserves the right to change specifications and the design of all products without notice. John Deere's green and yellow color scheme, the leaping deer symbol and John Deere are trademarks of Deere & Company.