



Jet+ / JFR

JET+ - Non-regulated jet stream sprayer

JFR - Flow-regulated jet stream sprayer

The unique jet stream sprayer with a built-in anti-insect device

Main Features:

- Splash plate retracts and seals water outlet when not in operation
- Low trajectory jet streams
- No moving parts to break, jam or wear out
- Available with a snap-on range limiter for watering young trees directly to the root zone in a limited wetted pattern

Choice of three wetting patterns:

- Full circle with 14 jet streams
- Partial circle 300° with 14 jet streams
- Half circle 180° with 9 jet streams

Assembly options:

- Ultra nozzle - an integrated combined nozzle and spiked stake holder - accommodates Plastro's "Cantal" 25 or 40 cm stakes (suitable only for Jet+)
- 3/8" male threaded base - accommodates Plastro's "Meteor" collar adaptors or the threaded hammer stakes

Specifications:

JET+ (Non-regulated jet sprayer)

- Flow rates at 2.0 bar : 30, 39, 51, 64, 75, 102 lph
- Operating pressure range: 1.5-3.0 bar
- Wetting diameter: 4.6-8.6 m, according to emission rate and operation pressure.

JFR (Flow-regulated jet sprayer)

- Ensures constant flow rates in varying pressure
- Flow rates: 23, 30, 41, 53, 70, 95 lph
- Operating pressure range: 1.5-3.5 bar
- Wetting diameter: 3.2-6.4 m, according to flow rate

Applications:

Under-canopy irrigation in fruit orchards



Maximum Recommended No. of JFR Sprayers on Irrigation Laterals

Nozzle Color & Size (mm)	Flow Rate (lph)	Emitter Spacing (m)	Pipe Diameter (mm)					Pipe Diameter (mm)					Pipe Diameter (mm)				
			O.D. 16 / I.D. 13.6					O.D. 17.8 / I.D. 15.2					O.D. 20 / I.D. 17.4				
			Lateral Inlet Pressure (bar)														
			1.6	2.0	2.5	3.0	3.5	1.6	2.0	2.5	3.0	3.5	1.6	2.0	2.5	3.0	3.5
Black ● 0.85	23	3	15	27	34	40	44	18	33	42	49	54	23	42	51	62	69
		4	14	25	31	37	41	17	30	38	44	49	21	38	47	56	63
		5	13	23	29	34	38	16	28	35	41	46	20	35	44	52	58
Blue ● 1.0	30	3	13	24	31	36	39	16	29	37	43	48	20	36	47	54	60
		4	12	21	28	32	36	15	26	33	39	43	18	33	42	49	54
		5	11	20	25	30	33	13	24	31	36	40	17	30	39	45	50
Dark blue ● 1.1	41	3	10	19	24	28	31	13	22	29	33	37	16	28	36	42	47
		4	11	20	25	29	32	13	24	30	35	39	17	30	38	45	50
		5	9	16	21	24	27	11	20	25	29	33	14	25	32	37	41
Green ● 1.2	53	3	8	15	19	23	25	10	18	24	27	30	13	23	30	35	38
		4	9	17	21	25	27	11	20	26	30	33	14	25	32	38	42
		5	8	15	19	22	25	10	18	23	27	30	13	23	29	34	38
Red ● 1.4	70	3	8	14	17	21	23	9	17	21	25	28	11	20	25	29	33
		4	7	13	16	19	21	8	15	19	23	25	11	19	25	29	32
		5	6	12	14	17	19	8	14	18	21	23	10	18	23	26	29
White ○ 1.6	95	3	6	11	13	16	18	7	13	16	20	22	9	17	21	25	27
		4	5	10	13	15	17	6	12	15	19	21	8	14	18	22	24
		5	4	8	10	13	14	5	10	13	16	18	7	13	17	20	22
		6	4	8	10	12	13	5	10	12	15	16	7	12	16	19	21

* Nozzle height: 25 cm above ground level

Spray Wetting Patterns:



Black splash plate
360° - 14 jet streams



Orange splash plate
300° - 14 jet streams



Red splash plate
180° - 9 jet streams



Jet+ (Non-regulated Jet Sprayer) Performance Data

Nozzle Color Code	Pressure (bar)	Flow Rate (lph)	Wetting Diameter (m)*
Light Blue	1.5	26	2.3
	2.0	30	
	2.5	34	
Blue	3.0	37	2.3
	1.5	35	
	2.0	39	
Black	2.5	43	5.0
	3.0	47	
	1.5	44	
Blue	2.0	51	5.2
	2.5	56	
	3.0	61	
Dark Blue	1.5	55	5.6
	2.0	64	
	2.5	70	
Green	3.0	77	6.2
	1.5	64	
	2.0	75	
Green	2.5	83	7.2
	3.0	91	
	1.5	90	
Red	2.0	102	8.6
	2.5	115	
	3.0	126	

* Nozzle height: 25 cm above ground level



JFR (Flow-Regulated Jet Sprayer) Performance Data

Nozzle Color Code	Flow Rate (lph)	Wetting Range
Black	23	3.2 1.8 2.1
Blue	30	4.0 2.1 2.0
Dark Blue	41	4.0 2.2 2.2
Green	53	4.4 2.3 2.5
Red	70	6.4 3.0 2.8
White	95	6.4 3.1 3.3

* Nozzle height: 25 cm above ground level

The data in this leaflet provides general information only. Plastro may redesign and/or modify its products, and may change the information contained herein. For design purposes, see and use Plastro's most updated manual for designers.