

5022-U



IrriStand systems

Plastic impact sprinkler mounted on IrriStand 52, 53

Application: irrigation and germination of vegetables, flowers and row crops

- Bayonet nozzle for easy service
- High water distribution
- Optional Flow Regulator (F.R.)

5022-U Performance Table

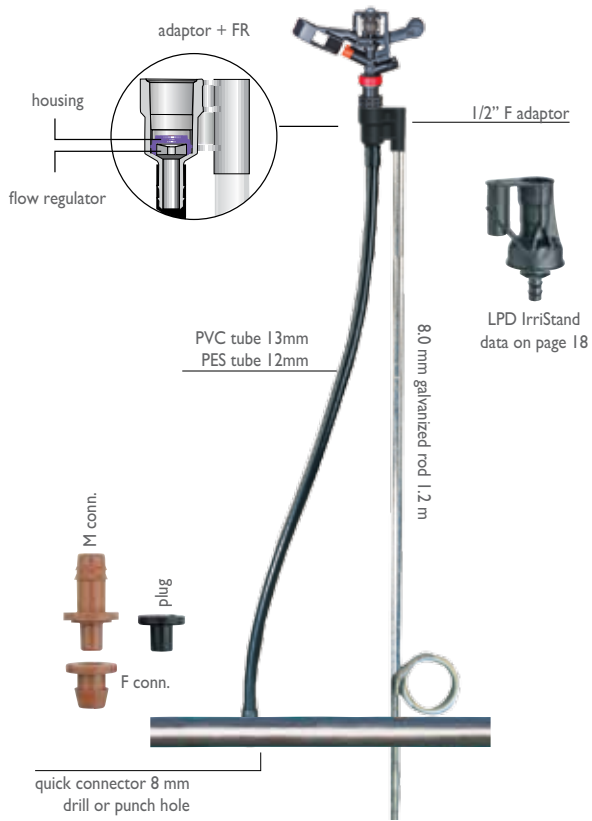
Precipitation rates (mm/hr) and uniformity (CU) at various spacing

Nozzle Color (mm)	P (bar)	Q (l/h)	D (m)	Spacing (m)					
				9x9	9x10	10x10	9x12	10x12	12x12
2.3x1.8 Silver	2.0	450	22.0	5.6	5.0	4.5	4.2	3.8	
	2.5	500	22.0	6.2	5.6	5.0	4.6	4.2	
	3.0	550	22.0	6.8	6.1	5.5	5.1	4.6	
	3.5	595	22.0	7.3	6.6	6.0	5.5	5.0	
	4.0	640	22.0	7.9	7.1	6.4	5.9	5.3	
2.4x1.8 Yellow	2.0	455	18.5	5.6	5.1	4.6	4.2	3.8	3.2
	2.5	510	19.0	6.3	5.7	5.1	4.7	4.3	3.5
	3.0	555	19.0	6.9	6.2	5.6	5.1	4.6	3.9
	3.5	600	19.0	7.4	6.7	6.0	5.6	5.0	4.2
	4.0	640	18.8	7.9	7.1	6.4	5.9	5.3	4.4
2.5x1.8 Purple	2.0	480	20.5	5.9	5.3	4.8	4.4	4.0	3.3
	2.5	535	20.5	6.6	5.9	5.4	5.0	4.5	3.7
	3.0	590	21.0	7.3	6.6	5.9	5.5	4.9	4.1
	3.5	635	21.0	7.8	7.1	6.4	5.9	5.3	4.4
	4.0	685	21.2	8.5	7.6	6.9	6.3	5.7	4.8
F.R.	3.0-5.0	590	21.0	7.3	6.5	5.9	5.5	4.9	4.1
2.8x1.8 Orange	2.0	620	22.4	7.7	6.9	6.2	5.7	5.2	4.3
	2.5	690	23.2	8.5	7.7	6.9	6.4	5.8	4.8
	3.0	760	23.2	9.4	8.4	7.6	7.0	6.3	5.3
	3.5	820	23.2	10.1	9.1	8.2	7.6	6.8	5.7
	4.0	860	23.2	10.6	9.6	8.6	8.0	7.2	6.0

Color code - Distribution uniformity: CU > 92% (Green), CU 88-92% (Light Blue), CU 85-88% (Orange), CU < 85% (Yellow)
Rear nozzle color : 1.8 mm - Light Green

* Performance table prepared under laboratory conditions
* For windy conditions use closer spacing





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Nozzle Color (mm)	P (bar)	Q (l/h)	D (m)	Spacing (m)			
				9x9	9x10	10x10	10x12
2.4 Yellow	2.0	330	18.2	4.1	3.7	3.3	2.8
	2.5	365	18.2	4.5	4.1	3.7	3.0
	3.0	405	18.2	5.0	4.5	4.1	3.4
	3.5	435	18.0	5.4	4.8	4.4	3.6
	4.0	465	17.8	5.7	5.2	4.7	3.9
F.R.	3.0-5.0	365	19.0	4.5	4.0	3.6	3.0

* Performance table prepared under laboratory conditions

* For windy conditions use closer spacing