NAANDANJAIN Irrigation

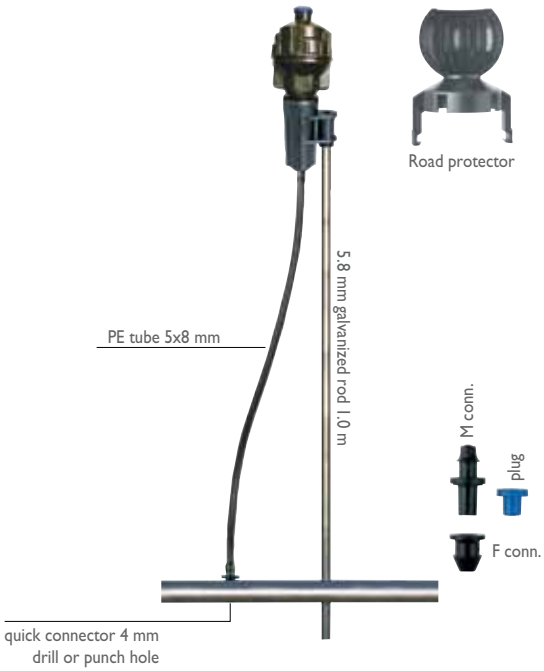
Mamkad 16

IrriStand systems

Low-volume, ball-driven sprinkler 1/2" male, mountaed on irristand 51

Applications: vegetables, flowers, nurseries and greenhouses

- Compact, sturdy closed protected ball engine
- Uniform water distribution at low pressure and precipitation rate
- Color-coded, plastic, high-trajectory nozzles for easy operation and service
- Extra-strong plastic compounds and ceramic washers reduce wear and tear
- Insect-resistant, pop-up pop-down nozzle
- Optional Flow Regulator (F.R.)
- Optional road protector
- Operating pressure: 2.0-4.0 bar w/o regulator
  2.5-5.0 bar with regulator



Mamkad 16 PerformanceTable

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

Nozzle Color	P (bar)	Q (l/h)	D (m)	Spacing (m)					
				6x6	6x7	7x7	7x8	8x8	8x9
Blue	2.0	135	14	3.8	3.2	2.8	2.4	2.1	
	2.5	151	14	4.1	3.5	3.0	2.7	2.3	
	3.0	165	14	4.6	3.9	3.4	2.9	2.6	
	3.5	178	13	5.0	43	3.7	3.2	2.8	
	4.0	192	13	5.3	4.5	3.9	3.4	3.0	
F.R.	2.5-5.0	135	13	3.6	3.1	2.7	2.3	2.0	
Yellow	2.0	180	15	4.8	4.1	3.5	3.1	2.7	
	2.5	201	14	5.6	4.8	4.1	3.6	3.1	
	3.0	220	14	6.1	5.2	4.5	3.9	3.4	
	3.5	238	14	6.7	5.7	4.9	4.3	3.7	
	4.0	255	14	7.0	6.0	5.1	4.5	3.9	
F.R.	2.5-5.0	180	14	5.0	4.3	3.7	3.2	2.8	
Violet	2.0	225	15	6.2	5.3	4.6	4.0	3.5	3.1
	2.5	252	15	7.0	6.0	5.1	4.5	3.9	3.5
	3.0	275	15	7.6	6.5	5.6	4.9	4.3	3.8
	3.5	297	15	8.3	7.1	6.1	5.3	4.6	4.1
	4.0	320	15	8.9	7.6	6.5	5.7	5.0	4.4
F.R.	2.5-5.0	225	15	6.1	5.3	4.5	3.9	3.4	3.1
Black	2.0	270	16	7.4	6.4	5.4	4.8	4.2	3.7
	2.5	302	16	8.4	7.2	6.2	5.4	4.7	4.2
	3.0	330	16	9.2	7.9	6.7	5.9	5.2	4.6
	3.5	356	16	9.9	8.5	7.3	6.4	5.6	5.0
	4.0	383	16	10.6	9.1	7.8	6.8	6.0	5.3
F.R.	2.5-5.0	270	16	7.4	6.3	5.4	4.7	4.1	3.7

Color code - Distribution uniformity	CU > 92%	CU 88-92%	CU 85-88%	CU < 85%

Tested at 60 cm height

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

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