SPRINKLERS

NaanDanJain offers an extensive range of high-quality plastic and metal impact sprinklers for agricultural irrigation, including both Overhead and Undertree sprinklers.

Our sprinklers are suitable for diverse applications in open fields, orchards and plantations Facilitate full-circle and part-circle Cover a wide range of wetting diameters from small plastic sprinklers to powerful giant sprinklers.

NAANDANJAIN
Irrigation

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Contents

Introduction....3

IrriStand Systems

2005 AquaMaster....4
Mamkad 16....5
501-U....6
502-H....7
Super 10....8-9
5022-U....10-11
5022....12
5022 SD....13
Maestro....14
427 B AG, 427 B GAG....15
LPD for IrriStand....16

Overhead sprinklers

JI-1....17
423 AG....17
233B....18
JI-2 PC....19
5035....20
5035 PC....21
234....22
Magnum 21....23
280....24
280 PC....25

Undertree sprinklers

501, 502....26
Mamkad 16 - Low angle....27
Super 10 LA....28
5024....29
Silva 6024....30
Accessories....31

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Introduction

NaanDanJain develops, manufactures and markets the largest selection of comprehensive irrigation technologies, designed for economical and efficient water management. With over seventy years of experience, the company operates in over 80 countries on all continents, meeting all the requirements of efficient modern irrigation. NaanDanJain's broad range of sprinkler and dripline technologies provides efficient, flexible and cost-effective solutions for a wide range of crops in diverse conditions, tailored to varied customer needs.

NaanDanJain's 800-hectare farm includes open fields, citrus orchards and avocado plantations that serve as a large scale testing site for the company's intensive R&D. NaanDanJain's state-of-the-art laboratory operates according to the international ISO 9001:2008 standard.

Our Product Range

NaanDanJain offers an extensive range of high-quality plastic and metal impact sprinklers for agricultural irrigation. NaanDanJain's sprinklers are suitable for diverse applications in open fields, orchards and plantations.

The product range includes:

IrriStand family: for field and row crops, greenhouses, nurseries and tunnels
Overhead sprinklers: for field and row crops, vegetables and pastures
Undertree sprinklers: for orchards and plantations

The sprinklers:

- facilitate full-circle and part-circle irrigation
- cover a wide range of wetting diameters from small plastic sprinklers to powerful giant sprinklers, with flow rates from 300 l/h to 30 m^3/h
- are manufactured from high-quality materials, which are resistant to UV radiation, outdoor conditions and chemicals, guaranteeing maximum accuracy and longevity

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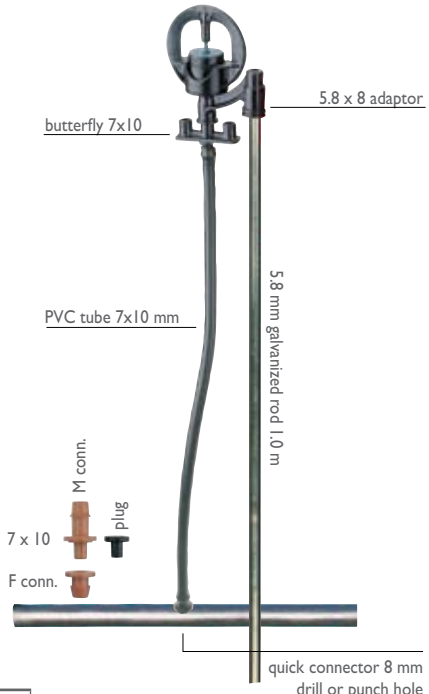
2005 AquaMaster

IrriStand systems

Jet-drive, low-volume sprinkler mounted on IrriStand 55

Applications: field crops, greenhouses, orchards, residential and landscaping

- For extra-range spacing up to 7 m
- Improved performance
- Innovative insect-resistant structure
- Improved durability to wear and tear, radiation and chemicals
- Unique water spreader for optimum distribution, maximum range and fine droplets
- Stable irrigation stand with minimum pressure loss
- Recommended pressure: 1.5-2.5 bar
- Flow rates: 120-300 l/h



2005 PerformanceTable

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

Swivel Color	Nozzle Color	P (bar)	Q (l/h)	D (m)	Spacing (m)									
					4x4	4x5	4x6	4x7	5x5	5x6	5x7	6x6	6x7	7x7
Green	Orange	1.5	104	9.5	6.5	5.2	4.3	3.7	4.2	3.5	3.0	2.9	2.5	2.1
		2.0	120	9.5	7.5	6.0	5.0	4.3	4.8	4.0	3.4	3.3	2.8	2.4
		2.5	134	9.5	8.4	6.7	5.6	4.8	5.3	4.5	3.8	3.7	3.2	2.7
	Black	1.5	138	9.5	8.5	6.8	5.7	4.9	5.4	4.5	3.9	3.8	3.2	2.8
		2.0	160	10.0	10.0	8.0	6.7	5.7	6.4	5.3	4.6	4.5	3.8	3.3
		2.5	179	10.5	11.3	9.1	7.5	6.5	7.2	6.0	5.2	5.0	4.3	3.7
	Blue	1.5	173	10.5	10.7	8.6	7.2	6.1	6.9	5.7	4.9	4.8	4.1	3.5
		2.0	200	11.0	12.6	10.1	8.4	7.2	8.0	6.7	5.7	5.6	4.8	4.1
		2.5	223	11.0	14.0	11.2	9.3	8.0	8.9	7.4	6.4	6.2	5.3	4.6
	Yellow	1.5	215	10.5	13.3	10.7	8.9	7.6	8.5	7.1	6.1	5.9	5.1	4.4
		2.0	250	11.5	15.7	12.5	10.4	8.9	10.0	8.3	7.2	7.0	6.0	5.1
		2.5	305	12.0	19.0	15.2	12.6	10.8	12.1	10.1	8.7	8.4	7.2	6.2
	Red	1.5	260	12.0	16.4	13.1	10.9	9.4	10.5	8.7	7.5	7.3	6.2	5.3
		2.0	300	12.5	18.5	14.8	12.3	10.6	11.8	9.9	8.5	8.2	7.1	6.0
		2.5	365	13.0	22.8	18.2	15.2	13.0	14.6	12.1	10.4	10.1	8.7	7.4

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

Tested at 60 cm height

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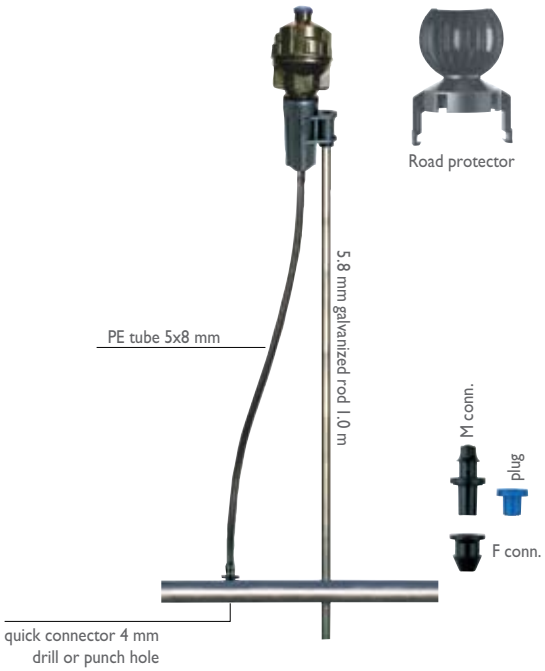
Mamkad 16

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 < 85%	CU 85-88%	CU 88-92%	CU > 92%

Tested at 60 cm height

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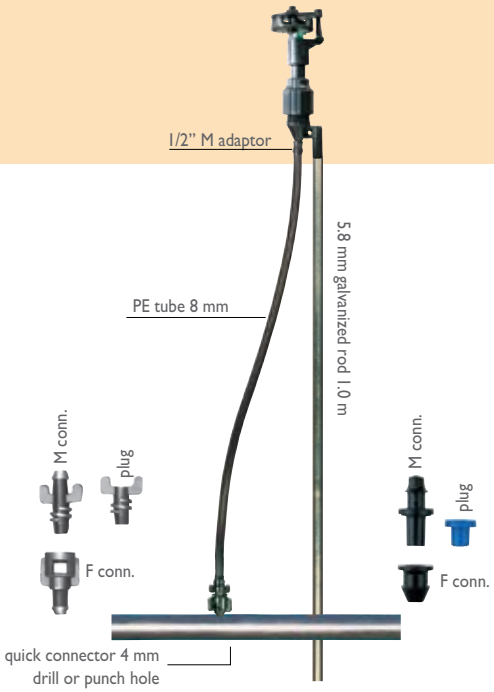
501-U

IrriStand systems

Turbo hammer low-volume sprinkler mounted on IrriStand 50



Applications: vegetables, greenhouses, residential and landscaping

- For spacing up to 8 m
- Excellent water distribution
- Fine water droplets for delicate irrigation of all crops

501-U PerformanceTable

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

Nozzle Color (mm)	P (bar)	Q (l/h)	D (m)	Spacing (m)				
				6x6	6x7	7x7	7x8	8x8
1.6 Red	1.5	100	12.0	2.8	2.4	2.0	1.8	1.6
	2.0	110	12.0	3.1	2.6	2.2	2.0	1.7
	2.5	130	12.0	3.6	3.1	2.7	2.3	2.0
	3.0	150	12.0	4.2	3.6	3.1	2.7	2.3
	3.5	165	12.5	4.6	3.9	3.4	2.9	2.6
1.8* Green	1.5	150	12.0	4.2	3.6	3.1	2.7	2.3
	2.0	170	13.0	4.7	4.0	3.5	3.0	2.7
	2.5	190	13.0	5.0	4.5	3.9	3.4	3.0
	3.0	210	14.0	5.8	5.0	4.3	3.8	3.3
	3.5	230	14.0	6.4	5.5	4.7	4.1	3.6
2.0 Blue	1.5	160	12.0	4.4	3.8	3.3	2.9	2.5
	2.0	180	13.0	5.0	4.3	3.7	3.2	2.8
	2.5	200	13.0	5.6	4.8	4.1	3.6	3.1
	3.0	220	14.0	6.1	5.2	4.5	3.9	3.4
	3.5	240	14.0	6.7	5.7	4.9	4.3	3.8
2.2 Yellow	1.5	170	13.5	4.7	4.0	3.5	3.0	2.7
	2.0	200	15.0	5.6	4.8	4.1	3.6	3.1
	2.5	215	15.0	6.0	5.1	4.4	3.8	3.4
	3.0	235	15.5	6.5	5.6	4.8	4.2	3.7
	3.5	250	15.5	6.9	6.0	5.1	4.5	3.9

*Standart nozzle

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

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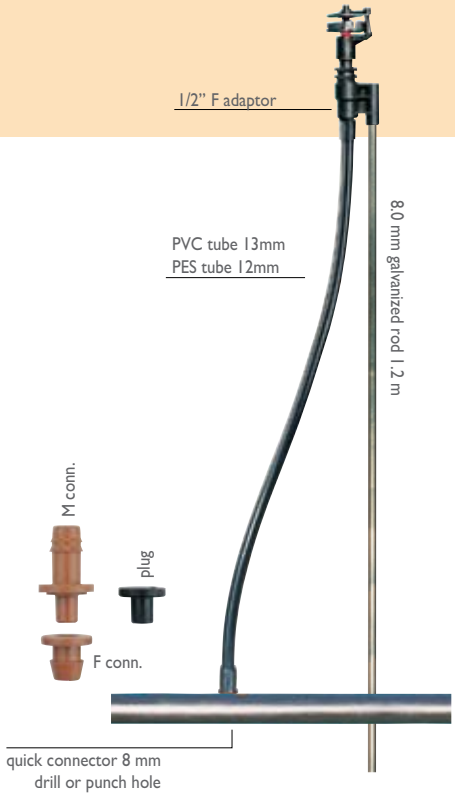
502-H

IrriStand systems

Turbo hammer low-volume sprinkler mounted on IrriStand 52



Applications: vegetables, greenhouses, residential and landscaping

- For extra-range spacing up to 10 m

502-H PerformanceTable

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

Nozzle Color (mm)	P (bar)	Q (l/h)	D (m)	Spacing (m)				
				8x8	8x9	9x9	9x10	10x10
2.5 Red	1.5	226	13.0	3.5	3.1	2.8	2.5	2.3
	2.0	263	15.0	4.1	3.5	3.2	2.9	2.6
	2.5	292	15.5	4.6	4.0	3.6	3.2	2.9
	3.0	318	16.5	5.0	4.4	3.9	3.5	3.2
	3.5	345	17.0	5.4	4.8	4.2	3.8	3.4

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

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Super 10

IrriStand systems

Extra-range, ball-driven sprinkler mounted on IrriStand 52

Applications: field crops, greenhouses, residential and landscaping
For extra-range spacing up to 12 m

- Compact, sturdy, closed and protected ball engine
- Bayonet nozzle for easy service
- Optional Flow Regulator (F.R.)
- High water distribution
- Brown nozzle for road protector only

Super10 Performance Table

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

Nozzle Color	P (bar)	Q (l/h)	D (m)	Precipitation rates (mm/hr) Spacing (m)					
				9x9	9x10	10x10	9x12	10x12	12x12
Blue	2.5	360	18	4.5	4.0	3.6			
	3.0	395	17.5	4.9	4.4	3.9			
	3.5	425	17	5.3	4.8	4.3			
	4.0	455	17	5.6	5.1	4.6			
F.R.	3.0-5.0	360	18	4.5	4.1	3.7			
Yellow	2.5	450	20	5.7	5.1	4.6	4.3	3.8	3.2
	3.0	495	20	6.1	5.5	4.9	4.6	4.1	3.4
	3.5	530	20	6.6	5.9	5.3	4.9	4.4	3.7
	4.0	570	20	7.1	6.4	5.7	5.3	4.8	4.0
F.R.	3.0-5.0	450	20	5.5	5.0	4.5	4.2	3.7	3.1
Green	2.5	550	20	6.7	6.0	5.4	5.0	4.5	3.8
	3.0	600	20	7.4	6.7	6.0	5.5	5.0	4.2
	3.5	650	20	8.0	7.2	6.5	6.0	5.4	4.5
	4.0	695	20	8.6	7.8	7.0	6.5	5.8	4.8
F.R.	3.0-5.0	550	20	6.9	6.2	5.6	5.2	4.3	3.9
Red	2.5	670	21	8.3	7.4	6.7	6.2	5.6	4.6
	3.0	735	21	9.0	8.1	7.3	6.8	6.1	5.1
	3.5	790	21	9.6	8.7	7.8	7.2	6.5	5.4
	4.0	850	21	10.5	9.4	8.5	7.9	7.1	5.9
F.R.	3.0-5.0	670	21	8.3	7.5	6.7	6.2	5.6	4.7

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

F.R. = Flow Regulator

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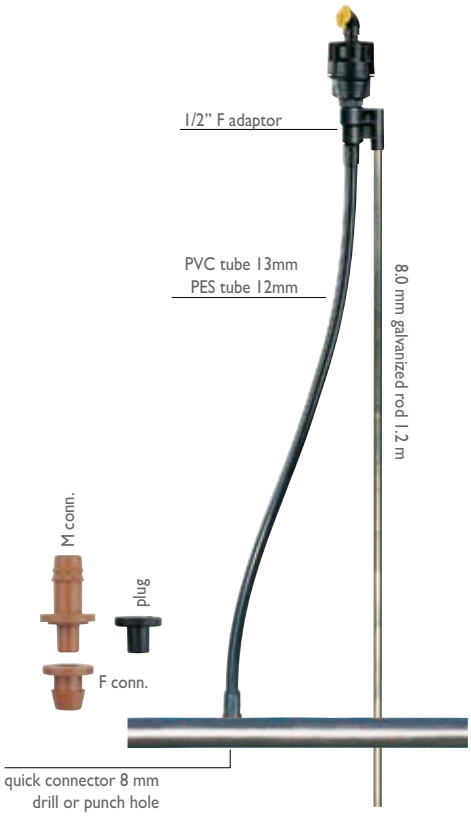

road protector

LPD IrriStand
data on page 16

Brown nozzle for Road Protector only

Nozzle Color	P (bar)	Q (l/h)	D (m)
Brown*	2.5	320	19
	3.0	350	19
	3.5	380	19
	4.0	405	19
F.R.	3.0-5.0	320	19

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Irrigation

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 PerformanceTable

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 < 85%	CU 85-88%	CU 88-92%	CU > 92%

Rear nozzle color : 1.8 mm - Light Green

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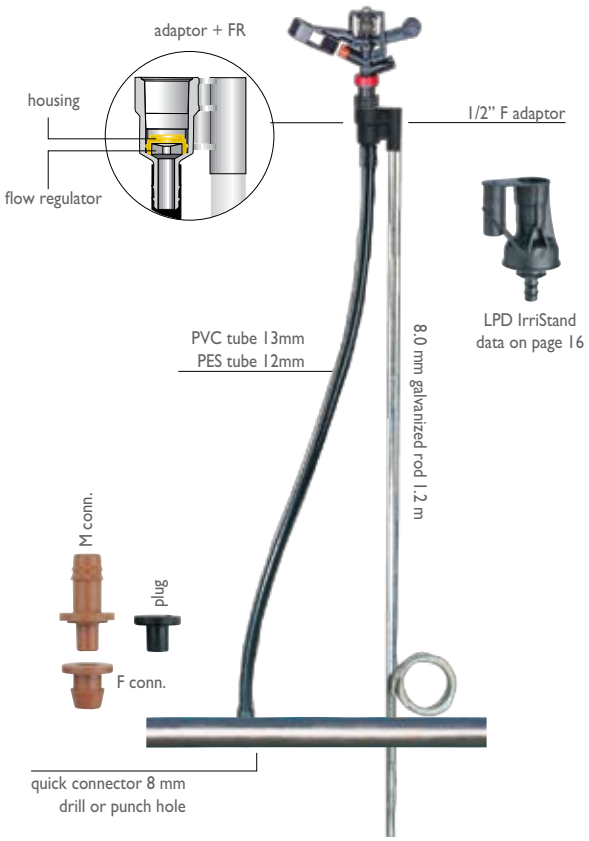
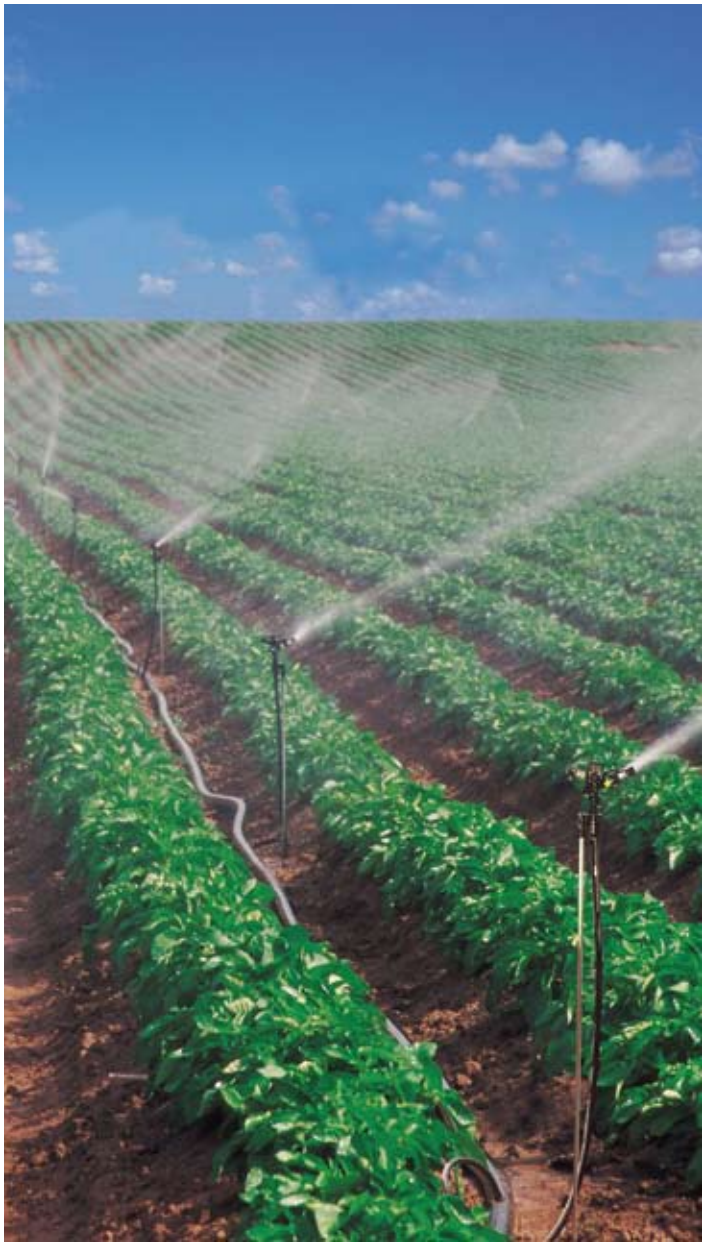


5022-U PerformanceTable

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	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



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NAANDANJAIN
Irrigation

5022

IrriStand systems

Plastic impact sprinkler
1/2” male or 3/4” female
Mounted on riser

Applications: irrigation and germination of vegetables, flowers and nursery crops

- High water distribution with spacing up to 14 m
- Color-coded bayonet nozzles for easy service
- Integrated stream-straightening vane for maximum range
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation

5022 PerformanceTable

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

Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)	Spacing (m)				
				10x10	10x12	12x12	12x14	14x14
3.0x1.8 Red	2.5	0.760	21.5	7.6	6.3	5.3	4.5	3.9
	3.0	0.840	23.0	8.4	7.0	5.8	5.0	4.3
	3.5	0.900	23.0	9.0	7.5	6.3	5.4	4.6
	4.0	0.970	23.0	9.7	8.1	6.7	5.8	4.9
3.2x1.8 Green	2.5	0.820	23.5	8.2	6.8	5.7	4.9	4.2
	3.0	0.900	24.0	9.0	7.5	6.3	5.4	4.6
	3.5	0.980	24.0	9.8	8.2	6.8	5.8	5.0
	4.0	1.040	24.0	10.4	8.7	7.2	6.2	5.3
3.5x2.5L Blue	2.5	1.115	24.0	11.2	9.3	7.7	6.6	5.7
	3.0	1.230	24.2	12.3	10.3	8.5	7.3	6.3
	3.5	1.320	24.4	13.2	11.0	9.2	7.9	6.7
	4.0	1.430	24.4	14.3	11.9	9.9	8.5	7.3
4.0x2.5L Black	2.5	1.300	24.4	13.0	10.8	9.0	7.7	6.6
	3.0	1.455	25.0	14.6	12.1	10.1	8.7	7.4
	3.5	1.575	25.4	15.8	13.1	10.9	9.4	8.0
	4.0	1.680	26.0	16.8	14.0	11.7	10.0	8.6

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

Rear nozzle: 1.8 - Light Green
2.5L - Grey

5022 PerformanceTable

Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)
3.0 Red	2.0	0.510	22.5
	3.0	0.630	24.0
	4.0	0.720	24.0
3.2 Green	2.0	0.570	23.0
	3.0	0.700	23.0
	4.0	0.810	24.5
3.5 Blue	2.0	0.660	22.0
	3.0	0.810	24.0
	4.0	0.930	26.0
4.0 Black	2.0	0.850	23.0
	3.0	1.030	26.0
	4.0	1.180	25.0

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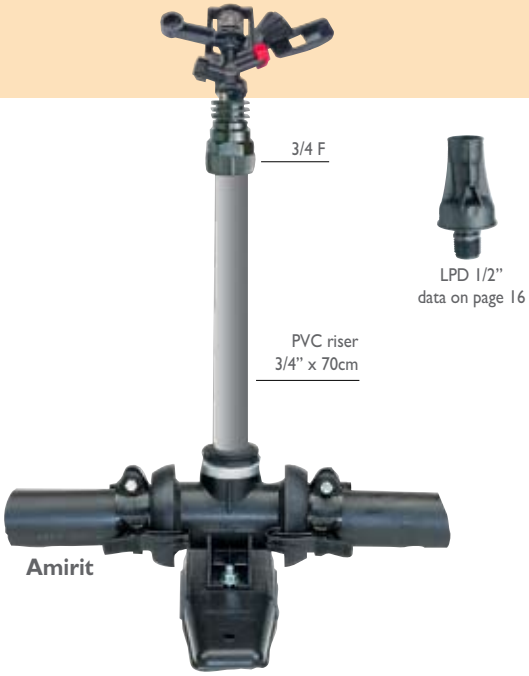
5022 SD

IrriStand systems

Plastic impact sprinkler, 1/2" male or 3/4" female. Mounted on riser



Applications: irrigation and germination of vegetables, flowers and nursery crops

- Unique hammer-sprinkler SD (super-diffuser) design for extra range coverage
- High distribution uniformity, up to 14 m
- Higher resistance to wind
- Designed for short irrigation cycles for germination
- Color-coded bayonet nozzles for easy service
- High impact, heavy-duty plastic materials for resistance to corrosion, chemicals and radiation

5022SD PerformanceTable - Single nozzle

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

Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)	Spacing (m)				
				10x10	10x12	12x12	12x14	14x14
3.0 Red	2.5	0.570	21.0	5.7	4.8	4.0	3.4	2.9
	3.0	0.630	22.0	6.3	5.3	4.4	3.8	3.2
	3.5	0.680	23.0	6.8	5.7	4.7	4.1	3.5
	4.0	0.720	23.0	7.2	6.0	5.0	4.3	3.7
3.2 Green	2.5	0.640	21.2	6.4	5.3	4.4	3.8	3.3
	3.0	0.700	22.2	7.0	5.8	4.9	4.2	3.6
	3.5	0.760	23.0	7.6	6.3	5.3	4.5	3.9
	4.0	0.810	23.0	8.1	6.8	5.6	4.8	4.1
3.5 Blue	2.5	0.740	23.0	7.4	6.2	5.1	4.4	3.8
	3.0	0.810	23.0	8.1	6.8	5.6	4.8	4.1
	3.5	0.870	24.0	8.7	7.3	6.0	5.2	4.4
	4.0	0.930	25.0	9.3	7.8	6.5	5.5	4.7
4.0 Black	2.5	0.950	23.2	9.5	7.9	6.6	5.7	4.8
	3.0	1.030	24.2	10.3	8.6	7.2	6.1	5.3
	3.5	1.110	25.0	11.1	9.3	7.7	6.6	5.7
	4.0	1.180	26.0	11.8	9.8	8.2	7.0	6.0

5022SD PerformanceTable - Dual nozzle

Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)	Spacing [m]				
				10x10	10x12	12x12	12x14	14x14
3.0x1.8 Red	2.5	0.760	21.0	7.6	6.3	5.3		
	3.0	0.840	22.0	8.4	7.0	5.8		
	3.5	0.900	23.0	9.0	7.5	6.3		
	4.0	0.970	22.0	9.7	8.1	6.7		
3.2x1.8 Green	2.5	0.820	21.0	8.2	6.8	5.7		
	3.0	0.900	22.0	9.0	7.5	6.3		
	3.5	0.980	23.0	9.8	8.2	6.8		
	4.0	1.040	23.0	10.4	8.7	7.2		
3.5x1.8 Blue	2.5	0.890	23.0	8.9	7.4	6.2	5.3	
	3.0	0.990	23.0	9.9	8.3	6.9	5.9	
	3.5	1.060	24.0	10.6	8.8	7.4	6.3	
	4.0	1.150	24.0	11.5	9.6	8.0	6.8	
4.0x1.8 Black	2.5	1.100	24.0	11.0	9.2	7.6	6.5	5.6
	3.0	1.220	25.0	12.2	10.2	8.5	7.3	6.2
	3.5	1.330	25.0	13.3	11.1	9.2	7.9	6.8
	4.0	1.430	26.0	14.3	11.9	9.9	8.5	7.3

Rear nozzle: 1.8 - Light Green

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

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NAANDANJAIN Irrigation

Maestro

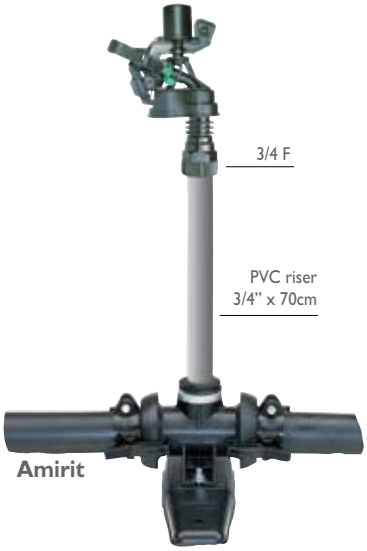
IrriStand systems

Plastic impact sprinkler, 1/2" male or 3/4" female mounted on riser

Applications: field crops, vegetables and row crops

For extra-range spacing up to 15 m

- Unique sprinkler design for extra-range coverage
- Low application and high uniformity ideal for germination and micro-climate
- Special water path arch design, improves coverage diameter
- Variable Trajectory Drive (VTD) provides excellent uniformity
- High resistance to wind
- Solid construction with full protection of spring and axle area
- Tool-free nozzle dismantling
- Installation on 3/4" riser



LPD 1/2"
data on page 16

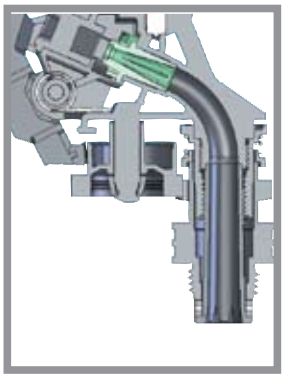
Maestro PerformanceTable

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

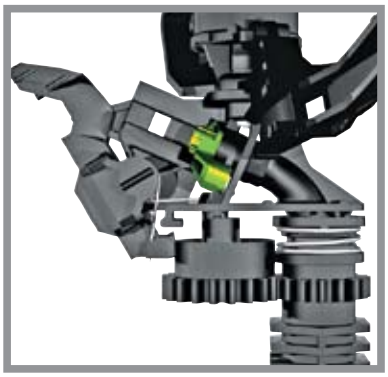
Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)	Spacing (m)					
				10x12	12x12	12x14	12x15	14x14	15x15
3.0 Red	2.5	0.550	23.0	4.6	3.8	3.3	3.1	2.8	
	3.0	0.595	24.0	5.0	4.1	3.5	3.3	3.0	
	3.5	0.645	24.0	5.4	4.5	3.8	3.6	3.3	
	4.0	0.690	24.0	5.8	4.8	4.1	3.8	3.5	
3.2 Green	2.5	0.625	23.0	5.2	4.3	3.7	3.5	3.2	2.8
	3.0	0.685	24.0	5.7	4.8	4.1	3.8	3.5	3.0
	3.5	0.740	24.0	6.2	5.1	4.4	4.1	3.8	3.3
	4.0	0.785	24.0	6.5	5.5	4.7	4.4	4.0	3.5
3.5* Blue	2.5	0.740	24.0	6.2	5.1	4.4	4.1	3.8	3.3
	3.0	0.815	24.0	6.8	5.7	4.9	4.5	4.2	3.6
	3.5	0.885	26.0	7.4	6.1	5.3	4.9	4.5	3.9
	4.0	0.945	26.0	7.9	6.6	5.6	5.3	4.8	4.2

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

*Installation of 3.5 mm nozzle on 3/4" riser only



Water passage arch



Variable Trajectory Drive (VTD)

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427B AG, 427B GAG

IrriStand systems

Plastic impact sprinkler 1/2" male or 3/4" female mounted on riser

427B GAG

427B AG

Applications: Specifically designed for irrigation of field edges

- Spacing up to 14 m
- Color-coded bayonet nozzles for easy service
- Integrated stream-straightening vane for maximum range
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation

427B AG & 427B GAG PerformanceTable

Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)
2.8 Orange	2.0	0.450	22
	3.0	0.550	23
	4.0	0.630	24
3.0 Red	2.0	0.510	23
	3.0	0.630	24
	4.0	0.720	25
3.2 Green	2.0	0.570	23
	3.0	0.700	24
	4.0	0.810	26
3.5 Blue	2.0	0.660	23
	3.0	0.810	24
	4.0	0.930	26
4.0* Black	2.0	0.850	24
	3.0	1.030	26
	4.0	1.180	26

*Standard nozzle

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NAANDANJAIN Irrigation

LPD FOR IRRISTAND

IrriStand Leakage Prevention Device

Applications:

- Prevents drainage from the irrigation system on start up and shut down
- Maintains a full irrigation system and ensures uniform irrigation in each area at a given time
- Contributes to efficient irrigation, high-quality peak yields and significant savings of water and fertilizers
- Prevents destruction of crop rows (raised beds) and damage to bulb and root crops caused by exposure to light

Structure and features

- High flow design at minimum head losses
- Durable plastic, resistant to breakage, radiation and fertilizers
- Used as an adaptor for Stand 52 (F½ x 12 barb) and Stand 56 (F½ x 16 barb)
- Connects to Amirit stands and ½" and ¾" risers
- Recommended working pressure:2-4 bar

Technical data

Discharge (l/h)	Opening pressure (m)	Closing pressure (m)	Head loss (m)
up to 750	11.0	6.0	0.8
750-1500	14.0	8.0	2.6

Product range

Description	Catalog no.	
IrriStand 52 LPD barb 12 mm	790512	
IrriStand 56 LPD barb 16 mm	790516	
Universal 1/2" LPD (for Amirit)	790601	
Universal 3/4" x 1/2" LPD (for Amirit)	790602	

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JI-1

Overhead sprinklers

Metal impact sprinkler
1/2" male

JI-1 PerformanceTable

Nozzle (mm)	P (bar)	Q (m^3/h)	D (m)
3.5	2.0	0.616	23
	3.0	0. 756	24
4.0	2.0	0. 806	23
	3.0	0. 987	24
4.5	2.0	1.020	23
	3.0	1.249	25
3.5x2.5	2.0	1.020	23
	3.0	1.248	24
4.0x2.5	2.0	1.212	23
	3.0	1.482	24
4.5x2.5	2.0	1.422	23
	3.0	1.740	25

Applications: all overhead irrigation of crops with solid-set
Mechanized, or hand-line systems

- High water distribution with spacing up to 12 m
- Durable, heavy-duty all-brass construction
- Recommended pressure: 2.0-3.0 bar

423 AG

Overhead sprinklers

Full- and part-circle metal impact sprinkler
1/2" male or 3/4" female

423 AG PerformanceTable

Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)
3.2 Green	2.0	0.570	23
	3.0	0.700	25
	4.0	0.810	26
3.5 Blue	2.0	0.660	24
	3.0	0.810	26
	4.0	0.930	27
4.0* Black	2.0	0.850	25
	3.0	1.030	27
	4.0	1.180	28

*Standard nozzle

Specifically designed for irrigation of field edges

Applications: all overhead irrigation of crops

- High water distribution with spacing up to 14 m
- Durable, heavy-duty, construction
- Sand and dust protection sleeve ensures reliable operation and durability

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NAANDANJAIN Irrigation

233B

Overhead sprinklers

Metal impact sprinkler
3/4" male or female

Applications: all overhead irrigation of crops with solid-set, mechanized or handline systems

Irrigation under frost conditions in vineyards, orchards and vegetables

- High water distribution with spacing up to 20 m
- Color-coded bayonet nozzle for easy service
- Integrated stream-straightening vane for maximum range
- Sand and dust protection sleeve ensures reliable operation and durability
- Red cap completely seals and protects drive spring and protects from frost damage
- New rear nozzle 2.5L for improved performances.

233B PerformanceTable

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

Sleeve Color	Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)	Spacing (m)							
					12x12	12x15	12x18	15x15	15x18	18x18	18x20	20x20
Red	3.5x2.5L Blue	3.0	1.240	27.0	8.6	6.9	5.7	5.5	4.6	3.8		
		4.0	1.430	29.0	9.9	7.9	6.6	6.4	5.3	4.4		
		5.0	1.620	29.0	11.3	9.0	7.5	7.2	6.0	5.0		
	4.0*x2.5L Black	3.0	1.490	29.0	10.3	8.3	6.9	6.6	5.5	4.6		
		4.0	1.740	29.0	12.1	9.7	8.1	7.7	6.4	5.4		
		5.0	1.950	29.0	13.5	10.8	9.0	8.7	7.2	6.0		
	4.5x2.5L Brown	3.0	1.790	30.0	12.4	9.9	8.3	8.0	6.6	5.5	5.0	
		4.0	2.070	31.0	14.4	11.5	9.6	9.2	7.7	6.4	5.8	
		5.0	2.320	32.0	16.1	12.9	10.7	10.3	8.6	7.2	6.4	
Black	5.0x2.5L Purple	3.0	2.110	32.0	14.7	11.7	9.8	9.4	7.8	6.5	5.9	5.3
		4.0	2.400	34.0	16.7	13.3	11.1	10.7	8.9	7.4	6.7	6.0
		5.0	2.690	35.0	18.7	14.9	12.5	12.0	10.0	8.3	7.5	6.7
	5.5x2.5L Orange	3.0	2.390	34.0	16.6	13.3	11.1	10.6	8.9	7.4	6.6	6.0
		4.0	2.760	37.0	19.2	15.3	12.8	12.3	10.2	8.5	7.7	6.9
		5.0	3.090	39.0	21.5	17.2	14.3	13.7	11.4	9.5	8.6	7.7
	6.0x2.5L Red	3.0	2.700	37.0	18.8	15.0	12.5	12.0	10.0	8.3	7.5	6.8
		4.0	3.160	37.0	21.9	17.6	14.6	14.0	11.7	9.8	8.8	7.9
		5.0	3.540	40.0	24.6	19.7	16.4	15.7	13.1	10.9	9.8	8.9

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

Rear nozzle color: 2.5L - grey

Do not change nozzles from Red Sleeve group to Black Sleeve Group or vice-versa.

233B PerformanceTable

Sleeve Color	Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)
Red	3.5 Blue	3.0	0.790	27
		4.0	0.910	28
		5.0	1.020	29
	4.0* Black	3.0	1.040	29
		4.0	1.200	29
		5.0	1.350	29
	4.5 Brown	3.0	1.320	30
		4.0	1.540	32
		5.0	1.710	33
Black	5.0 Purple	3.0	1.610	33
		4.0	1.870	35
		5.0	2.100	37
	5.5 Oran-ge	3.0	1.930	36
		4.0	2.230	38
		5.0	2.490	38
	6.0 Red	3.0	2.260	36
		4.0	2.620	38
		5.0	2.940	41

*Standard nozzle

Do not change nozzles from "Red" Sleeve" group to "Black Sleeve" Group or vice versa.

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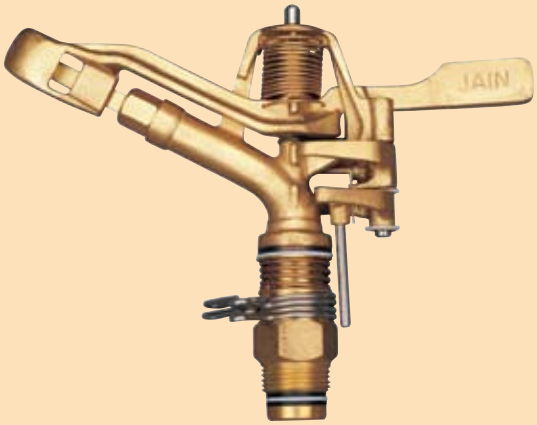
JI-2 PC



Overhead sprinklers

Part-circle metal impact sprinkler
3/4" male

Specifically designed for irrigation of field edges

Arch adjustment 30-360 degree

Applications: all overhead irrigation of crops

- High water distribution with spacing up to 18 m
- Durable, heavy-duty all-brass construction

JI-2 PC PerformanceTable

Nozzle (mm)	P (bar)	Q (m^3/h)	D (m)
4.3	2.5	1.020	27
	3.0	1.140	28
4.7	2.5	1.260	28
	3.0	1.380	29
5.1	2.5	1.440	30
	3.0	1.620	31

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NAANDANJAIN Irrigation

5035

Overhead sprinklers

Plastic impact sprinkler
3/4" male (5035), 1" female (5035-G)

Applications: general field use with solid-set irrigation systems

- High water distribution with spacing up to 20m (G-1" up to 22m)
- Color-coded bayonet nozzle for easy service
- Integrated stream-straightening vane for maximum range
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation
- New rear nozzle 2.5L for improved performances

5035 PerformanceTable

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

Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)	Spacing (m)			
				12x15	12x18	18x18	20x20
3.5x2.5L** Blue	3.0	1.240	27.0	6.9	5.7	3.8	3.1
	4.0	1.430	27.0	7.9	6.6	4.4	3.6
	5.0	1.620	27.0	9.0	7.5	5.0	4.1
4.0x2.5L Black	3.0	1.490	28.0	8.3	6.9	4.6	3.7
	4.0	1.740	29.0	9.7	8.1	5.4	4.4
	5.0	1.950	29.0	10.8	9.0	6.0	4.9
4.5x2.5L Brown	3.0	1.790	29.5	9.9	8.3	5.5	4.5
	4.0	2.070	30.0	11.5	9.6	6.4	5.2
	5.0	2.320	32.0	12.9	10.7	7.2	5.8
5.0x2.5L* Purple	3.0	2.110	31.5	11.7	9.8	6.5	5.3
	4.0	2.400	33.0	13.3	11.1	7.4	6.0
	5.0	2.690	35.0	14.9	12.5	8.3	6.7
5.5x2.5L Orange	3.0	2.390	32.0	13.3	11.1	7.4	6.0
	4.0	2.760	34.0	15.3	12.8	8.5	6.9
	5.0	3.090	35.0	17.2	14.3	9.5	7.7
6.0x2.5L Red	3.0	2.700	34.0	15.0	12.5	8.3	6.8
	4.0	3.160	36.0	17.6	14.6	9.8	7.9
	5.0	3.540	34.0	19.7	16.4	10.9	8.9

*Standard nozzle
Rear nozzle color : 2.5L - grey
**With high-energy hammer

5035-G-1" PerformanceTable

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

Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)	Spacing (m)			
				12x18	18x18	20x20	22x22
6.5x2.5L Grey	3.0	3.070	34.0	14.2	9.5	7.7	6.2
	4.0	3.550	36.5	16.4	11.0	8.9	7.1
	5.0	3.970	37.0	18.4	12.3	9.9	8.0
6.5x3.2 Grey	3.0	3.200	35.0	14.8	9.9	8.0	6.6
	4.0	3.700	37.0	17.1	11.4	9.3	7.6
	5.0	4.150	36.0	19.2	12.8	10.4	8.6
7.0x2.5L Green	3.0	3.450	35.0	16.0	10.6	8.6	7.0
	4.0	3.970	38.5	18.4	12.3	9.9	8.1
	5.0	4.390	37.0	20.3	13.5	11.0	9.0
7.0x3.2 Green	3.0	3.550	35.0	16.4	11.0	8.9	7.3
	4.0	4.100	37.0	19.0	12.7	10.3	8.5
	5.0	4.600	35.0	21.3	14.2	11.5	9.5

*Standard nozzle
Rear nozzle color : 2.5L - grey; 3.2 mm - orange

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

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5035 PC

Overhead sprinklers

Part-circle plastic impact sprinkler
3/4" male

Specifically designed for irrigation of field edges

Applications: general field use with solid-set irrigation systems

- High water distribution with spacing up to 18 m
- Color-coded bayonet nozzle for easy service
- Integrated stream-straightening vane for maximum range
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation
- High-energy hammer
- Reduces costs and prevents unnecessary waste of water

5035-PC PerformanceTable

Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)
3.5* Blue	3.0	0.790	27.0
	4.0	0.910	27.0
	5.0	1.020	28.0
4.0 Black	3.0	1.040	28.0
	4.0	1.200	29.0
	5.0	1.350	30.0
4.5 Brown	3.0	1.320	30.0
	4.0	1.540	31.0
	5.0	1.710	33.0
5.0 Purple	3.0	1.610	32.0
	4.0	1.870	35.0
	5.0	2.100	36.0

*Standard nozzle

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NAANDANJAIN Irrigation

234

Overhead sprinklers

Metal impact sprinkler 1" female

Applications: all overhead irrigation of crops with solid-set, mechanized or hand-line systems.

- High water distribution with spacing up to 24 m.
- Color-coded bayonet nozzles for easy service.
- Integrated stream-straightening vane for maximum range.
- Sand, and dust protection sleeve ensures reliable operation and durability.
- Red-cap completely seals and protects the drive spring and protects from frost damage.

234 Performance Table

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

Nozzles color mm	P (bar)	Q (m^3/h)	D (m)	Spacing (m)			
				18x18	20x20	20x24	24x24
5.0x3.2 Purple	3.0	2.210	32	6.8	5.5		
	4.0	2.530	34	7.9	6.4		
	5.0	2.840	35	8.8	7.2		
5.5x3.2 Orange	3.0	2.500	34	7.7	6.2	5.2	4.3
	4.0	2.900	37	8.9	7.2	6.0	5.0
	5.0	3.250	39	10.0	8.1	6.8	5.6
6.0x3.2 Red	3.0	2.810	37	8.8	7.1	5.9	4.9
	4.0	3.300	37	10.1	8.2	6.8	5.7
	5.0	3.700	40	11.3	9.1	7.6	6.3
6.5x3.2 Grey	3.0	3.190	38	8.8	7.1	5.9	4.9
	4.0	3.700	40	10.1	8.2	6.8	5.7
	5.0	4.150	41	11.3	9.1	7.6	6.3
7.0x3.2 Green	3.0	3.550	38	11.0	8.9	7.4	6.2
	4.0	4.100	41	12.7	10.3	8.5	7.1
	5.0	4.600	43	14.2	11.5	9.6	8.0

Rear nozzle color : 3.2mm - orange

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

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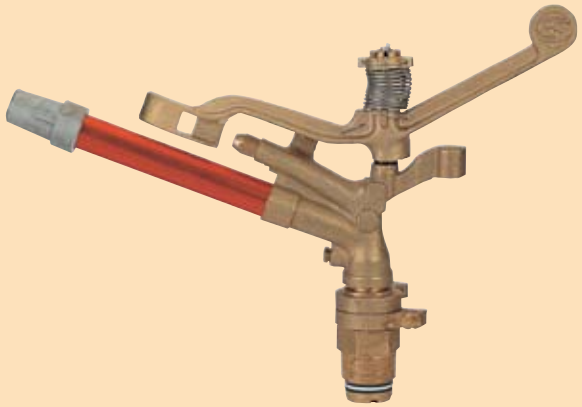
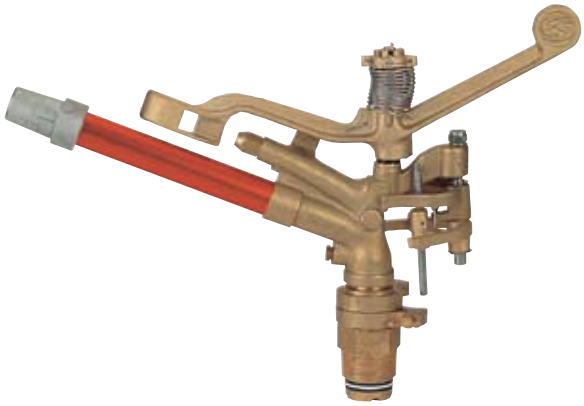
Magnum 21



Overhead sprinklers

All-purpose, full- to part-circle giant sprinkler
1 1/4" male



Applications: large fields and plantations such as tea and coffee

- High water distribution with spacing up to 40 m
- Easily attached full- to part-circle mechanism for stock saving and easy maintenance
- Low angle 21° for highly effective irrigation in windy conditions
- Unique triple-nozzle overlapping design ensures extra coverage and distribution uniformity

Magnum 21 PerformanceTable

Nozzle (mm)	P (bar)	Q (m^3/h)	D (m)
9.0x6.5x3.2	4.0	9.80	51
	5.0	10.90	53
	6.0	12.00	54
	7.0	12.80	55
11.0x6.5x3.2*	4.0	12.70	54
	5.0	14.00	58
	6.0	15.40	67
	7.0	16.80	68
12.0x6.5x3.2	4.0	13.20	57
	5.0	14.90	62
	6.0	16.50	68
	7.0	18.00	70
13.0x6.5x3.2	4.0	14.90	60
	5.0	17.90	65
	6.0	19.00	69
	7.0	20.30	71
14.5x6.5x3.2	4.0	17.00	62
	5.0	19.10	65
	6.0	20.80	70
	7.0	22.30	72
15.0x6.5x3.2	4.0	19.30	65
	5.0	21.50	69
	6.0	23.60	73
	7.0	24.80	76

*Standard nozzle

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NAANDANJAIN
Irrigation

280

Overhead sprinklers

Giant sprinkler
2” female

Applications: permanent and supplementary irrigation of sugarcane, maize, and cotton crops, pastures and plantations

- High water distribution with spacing up to 50 m
- Slow rotation at uniform speed
- Lightweight and easy to handle
- Adjustable diffuser screws for each nozzle allows stream breakage at low pressure conditions
- Non-clog straightening vane to ensure excellent coverage in windy conditions

280 PerformanceTable

Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)
12.0x8.0	3.0	13.40	54
	4.0	15.50	60
	5.0	17.30	65
14.0x8.0	3.0	16.80	58
	4.0	19.50	64
	5.0	21.80	68
16.0x8.0*	3.0	20.60	62
	4.0	23.90	68
	5.0	26.70	74
18.0x8.0	3.0	26.00	66
	4.0	30.30	72
	5.0	33.60	80
20.0x8.0	3.0	31.20	68
	4.0	36.30	76
	5.0	39.40	86

*Standard nozzle

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280 PC

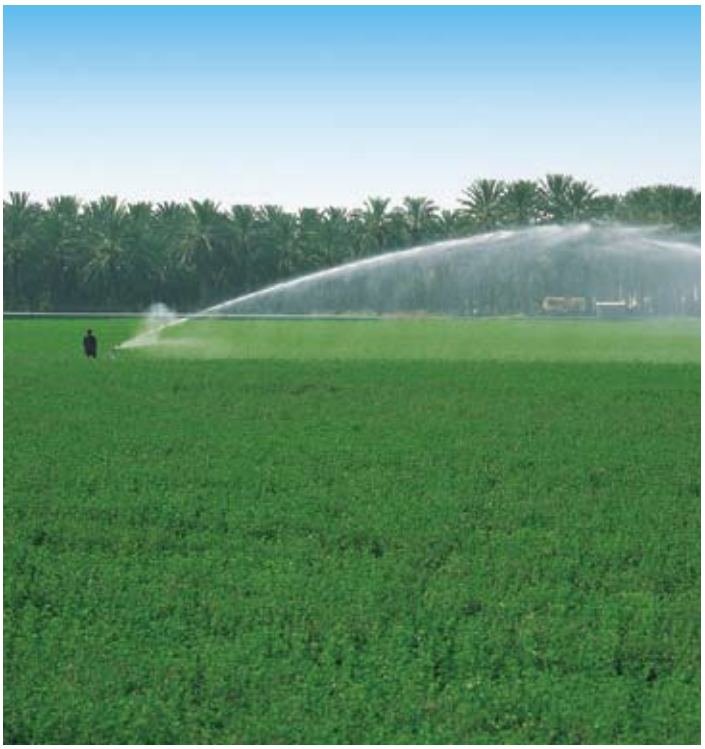
Overhead sprinklers

Full- and part-circle giant sprinkler
2” female

Specifically designed for irrigation of field edges

Applications: permanent or mechanized irrigation of sugarcane fields, horse pastures, paddocks, arenas, feedlots, sod farms and for dust control

- Slow-return mechanism ensures safe operation
- Lightweight and easy to handle
- Adjustable diffuser screws allows stream breakage at low pressure conditions
- Interchangeable plastic nozzles
- Non-clog straightening vane for wider irrigation range and windresistance



280PC PerformanceTable

Nozzle Color (mm)	P (bar)	Q (m^3/h)	D (m)
12.0x8.0	3.0	13.40	54
	4.0	15.50	60
	5.0	17.30	65
14.0x8.0	3.0	16.80	58
	4.0	19.50	64
	5.0	21.80	68
16.0x8.0*	3.0	20.60	62
	4.0	23.90	68
	5.0	26.70	74
18.0x8.0	3.0	26.00	66
	4.0	30.30	72
	5.0	33.60	80
20.0x8.0	3.0	31.20	68
	4.0	36.30	76
	5.0	39.40	86

*Standard nozzle

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NAANDANJAIN Irrigation

501, 502

501

502

Undertree sprinklers

Low angle, low-volume sprinklers
1/2" male or female

Applications: nurseries, orchards and greenhouses

- Turbo hammer mechanism provides excellent water distribution uniformity and smooth operation at low pressure rate
- Fine water droplets prevent formation of crust and drainage, providing perfect germination conditions
- Color-coded nozzles for easy identification
- Simple construction facilitates easy maintenance
- Stainless-steel spring and shaft are resistant to corrosion
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation

501 PerformanceTable

Nozzle Color (mm)	P (bar)	Q (l/h)	D (m)	msh (cm)
1.6 Red	1.0	81	8.5	35
	2.0	117	11.0	60
	3.0	144	12.0	70
1.8* Green	1.0	113	9.0	55
	2.0	160	11.5	60
	3.0	196	12.5	70
2.0 Blue	1.0	135	9.5	45
	2.0	195	11.5	55
	3.0	236	13.0	70
2.2 Yellow	1.0	153	9.5	60
	2.0	219	13.0	85
	3.0	267	15.0	95

*Standard nozzle
msh = max. stream height (above nozzle)

502 PerformanceTable

Nozzle Color (mm)	P (bar)	Q (l/h)	D (m)	msh (cm)
2.5 Orange	1.0	184	11.0	55
	2.0	263	12.0	85
	3.0	318	13.0	95
2.8 Brown	1.0	209	12.0	60
	2.0	299	13.0	90
	3.0	359	14.0	105

msh = max. stream height (above nozzle)

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Mamkad 16

Undertree sprinklers

Low-volume, plastic ball-driven sprinkler
1/2" male

Applications: orchards, vineyards and banana plantations

- Compact, sturdy, closed and protected ball engine
- Uniform water distribution at low pressure and precipitation rate
- Color-coded plastic low-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.)
- Operating pressure: 2.0-4.0 bar w/o regulator
  2.5-5.0 bar with regulator

Mamacd 16 Low Angle PerformanceTable

	Nozzle Color	P (bar)	Q (l/h)	D (m)	msh (cm)
Low Angle	Orange	2.0	180	13	60
		3.0	220	13	60
		4.0	255	13	60
	F.R.	2.5-5.0	180	13	60
	Red	2.0	225	13	65
		3.0	275	13	65
		4.0	320	13	65
	F.R.	2.5-5.0	225	13	65

msh = max. stream height (above nozzle)

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NAANDANJAIN
Irrigation

Super10 LA

Super 10 Low Angle 10°
Blue Nozzle Body

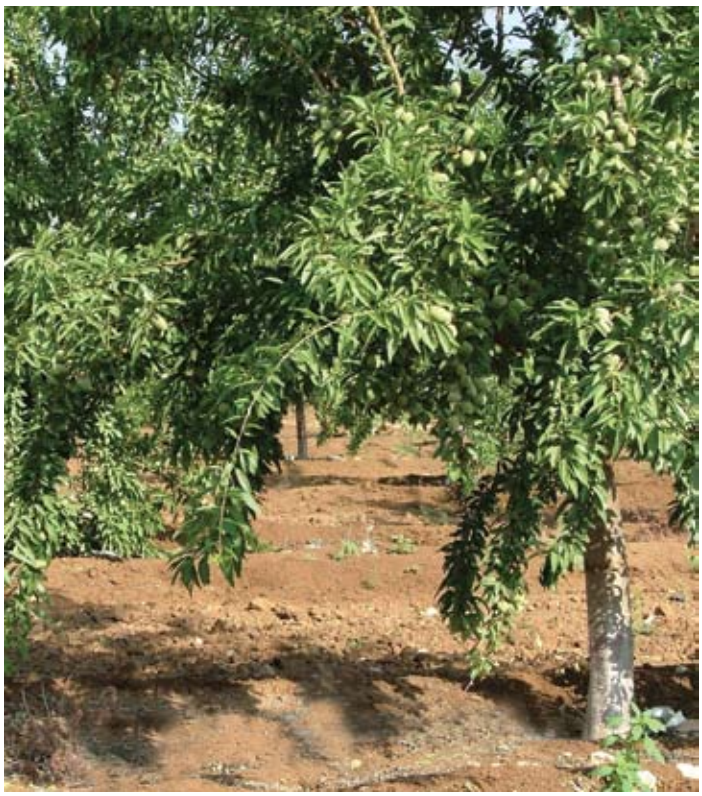
Super 10 Low Angle 14°
Red Nozzle Body

Undertree sprinklers

Low angle, Low-volume, ball-driven sprinkler 1/2" male

Applications: orchards, vineyards and banana plantations.

- Available with two different low angles 10° and 14°
- High-impact, heavy-duty plastic materials provide resistance to corrosion fertilizers and UV radiation
- Compact, sturdy, closed and protected ball engine
- Color-coded bayonet nozzle for easy operation and service
- Optional Flow Regulator
- 0perating pressure – 2.5-4.0 bar w/o regulator
  3.0-5.0 bar with regulator



Super 10 LA Performance table

			Super 10 Low Angle 10° Blue Nozzle Body		Super 10 Low Angle 14° Red Nozzle Body	
Nozzle Color	P (bar)	Q (l/h)	D (m)	msh (cm)	D (m)	msh (cm)
Blue	2.5	360	14	55		
	3.0	395	14	60		
	3.5	425	14.5	60		
	4.0	455	14.5	63		
F.R.	3.0-5.0	360	14	55		
Yellow	2.5	450	15.5	55	17.5	85
	3.0	495	16	60	18	96
	3.5	530	16	65	18	105
	4.0	570	16	66	18.5	110
F.R.	3.0-5.0	450	15.5	55	17.5	85
Green	2.5	550	16	60	18	90
	3.0	600	17	65	19	100
	3.5	650	17.5	70	19	107
	4.0	695	17.5	75	19	115
F.R.	3.0-5.0	550	16	60	18	90
Red	2.5	670	16	62	18	100
	3.0	735	17	68	18.5	106
	3.5	790	17.5	73	18.5	115
	4.0	850	17.5	78	19	125
F.R.	3.0-5.0	670	16	62	18	100

msh = max. stream height (above nozzle)

Product range

		Super 10 Low Angle 10° Blue Nozzle Body		Super 10 Low Angle 14° Red Nozzle Body	
Nozzle Color (mm)	Q (m^3/h)	Super 10 Catalog no.	Super 10 Regulated Catalog no.	Super 10 Catalog no.	Super 10 Regulated Catalog no.
Blue	360	335343	336343		
Yellow	450	335346	336346	335746	336746
Green	550	335342	336342	335742	336742
Red	670	335347	336347	335747	336747

Super 10 Regulated with silver base

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5024

Undertree sprinklers

Low angle, Low-volume, plastic impact sprinkler 1/2" male

Applications: orchards, plantations and vineyards

- 9°, 12° and 14° with nozzle replacement only
- Color-coded bayonet nozzle for easy service
- Integrated stream-straightening vane for maximum range
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation

5024 PerformanceTable

			9°		12°		14°	
Nozzle Color (mm)	P (bar)	Q (l/h)	D (m)	msh (cm)	D m	msh (cm)	D (m)	msh (cm)
2.5 Purple	2.0	350	15.5	74	16.5	100	18.0	117
	3.0	430	17.0		18.5		19.0	
	4.0	490	17.5		20.0		20.0	
2.8* Orange	2.0	450	16.0	75	18.5	110	18.5	125
	3.0	550	17.5		20.0		19.5	
	4.0	630	18.0		21.0		21.0	
3.0 Red	2.0	510	16.5	76	18.5	120	19.0	130
	3.0	630	18.0		20.5		20.5	
	4.0	720	18.0		21.5		21.5	
3.2 Green	2.0	570	17.5	77	18.5	122	19.0	135
	3.0	700	18.5		20.5		21.0	
	4.0	810	18.5		22.0		22.5	
3.5 Blue	2.0	660	17.5	84	18.5	125	19.0	140
	3.0	810	18.5		20.5		21.0	
	4.0	930	19.5		22.0		22.5	

*Standard nozzle
msh = max. stream height (above nozzle)

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NAANDANJAIN Irrigation

Silva 6024

Undertree sprinklers

Low-angle, plastic impact sprinkler 1/2" male

Applications: orchards and plantations, especially bananas

- High water distribution with spacing up to 14 m
- Closed and protected sprinkler made of extra-strong, flexible plastic compounds
- Smooth slanted planes minimize breakage by accidental impact
- High resistance to breakage, corrosion and UV radiation
- Innovative water passage arch contributes to jet force and high penetration into dense foliage
- 9°, 12° and 14° for optimum irrigation of plantations, without wetting the fruit
- Color-coded bayonet nozzle for easy operation and service
- Square nozzles available to improve distribution uniformity

Silva 6024 PerformanceTable
Square nozzle - to improve distribution uniformity

Nozzle Color (mm)	P (bar)	Q (l/h)	D (m)	msh (cm)
2.4 Yellow	2.5	360	17.5	80
	3.0	395	18.0	
	3.5	430	18.2	
	4.0	460	19.0	
2.7 White	2.5	.515	18.0	90
	3.0	565	18.5	
	3.5	605	19.0	
	4.0	650	19.0	
2.9 Grey	2.5	575	18.5	90
	3.0	635	19.0	
	3.5	685	19.0	
	4.0	735	20.0	
3.1 Black	2.5	645	18.5	90
	3.0	710	19.0	
	3.5	760	19.0	
	4.0	815	19.5	
3.4 Brown	2.5	755	19.0	95
	3.0	825	19.5	
	3.5	890	20.0	
	4.0	955	20.0	

msh = max. stream height (above nozzle)

Silva 6024 PerformanceTable

			9°		12°		14°	
Nozzle Color (mm)	P (bar)	Q (l/h)	D (m)	msh (cm)	D (m)	msh (cm)	D (m)	msh (cm)
2.5 Purple	2.0	355	17.5		19.0		19.0	
	2.5	400	18.0		19.5		20.0	
	3.0	440	18.5		20.0		20.0	
	3.5	480	19.0		20.0		21.0	
	4.0	515	19.0	80	21.0	90	21.0	110
2.8 Or-ange	2.0	480	17.5	62	18.5	80	19.0	92
	2.5	530	18.0		19.5		20.0	
	3.0	584	19.0	80	20.5	95	20.5	107
	3.5	630	20.0		21.0		21.5	
	4.0	675	20.0	85	21.0	100	21.5	120
3.0 Red	2.0	525	18.0	67	19.5	80	20.0	97
	2.5	585	18.5		21.0		21.0	
	3.0	640	20.0	82	21.5	100	22.0	110
	3.5	695	20.5		22.0		22.5	
	4.0	745	21.0	90	22.5	105	23.0	122
3.2 Green	2.0	570	19.0	70	20.0	80	20.0	100
	2.5	640	20.0		21.0		21.5	
	3.0	700	21.0	85	22.0	103	22.5	117
	3.5	765	22.0		22.5		23.0	
	4.0	815	23.0	94	23.5	110	23.5	128
3.5 Blue	2.0	675	20.0	72	21.0	85	21.0	107
	2.5	755	20.0		21.5		22.0	
	3.0	855	21.5	87	23.0	105	23.5	125
	3.5	955	22.0		23.5		24.0	
	4.0	1010	22.0	96	23.5	115	24.0	135

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Accessories

3.2 mm Punch for IrriStand 50/51

8 mm Punch & Push for IrriStand 52

Spanner for Super 10

Spanner for 5022

Spanner for 5035/5035G

Special 8 mm drill for IrriStand 52

Connector tightener for IrriStand 52

Sleeve assemble tool for Stand 52, 53

8 mm Super Punch & Push for IrriStand 52

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