

# 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



New square nozzles - to improve distribution uniformity:

Performance table

Nozzle mm	P bar	Q m <sup>3</sup> /h	9°		12°		14°	
			D m	msh cm	D m	msh cm	D m	msh cm
New 2.5 Purple	2.0	0.355	17.4		19.0		19.2	
	2.5	0.400	18.2		19.6		20.0	
	3.0	0.440	18.6	80	20.0	90	20.2	110
	3.5	0.480	19.2		20.2		21.0	
	4.0	0.515	19.4		21.0		21.2	
2.8 Orange	2.0	0.480	17.5	62	18.5	80	19.0	92
	2.5	0.530	18.0		19.5		20.0	
	3.0	0.584	19.0	80	20.5	95	20.5	107
	3.5	0.630	20.0		21.0		21.5	
	4.0	0.675	20.0	85	21.0	100	21.5	120
3.0 Red	2.0	0.525	18.0	67	19.5	80	20.0	97
	2.5	0.585	18.5		21.0		21.0	
	3.0	0.640	20.0	82	21.5	100	22.0	110
	3.5	0.695	20.5		22.0		22.5	
	4.0	0.745	21.0	90	22.5	105	23.0	122
3.2 Green	2.0	0.570	19.0	70	20.0	80	20.0	100
	2.5	0.640	20.0		21.0		21.5	
	3.0	0.700	21.0	85	22.0	103	22.5	117
	3.5	0.765	22.0		22.5		23.0	
	4.0	0.815	23.0	94	23.5	110	23.5	128
3.5 Blue	2.0	0.675	20.0	72	21.0	85	21.0	107
	2.5	0.755	20.0		21.5		22.0	
	3.0	0.855	21.5	87	23.0	105	23.5	125
	3.5	0.955	22.0		23.5		24.0	
	4.0	1.101	22.0	96	23.5	115	24.0	135

msh = max. stream height

Performance table

Nozzle mm	P bar	Q m <sup>3</sup> /h	D m	msh cm
New 2.4 Yellow	2.5	0.360	17.5	
	3.0	0.395	18.0	
	3.5	0.430	18.2	80
	4.0	0.460	19.0	
2.7 White	2.5	0.515	18.0	
	3.0	0.565	18.5	
	3.5	0.605	19.0	90
	4.0	0.650	19.2	
2.9 Grey	2.5	0.575	18.6	
	3.0	0.635	19.0	
	3.5	0.685	19.2	90
	4.0	0.735	20.0	
3.1 Black	2.5	0.645	18.5	
	3.0	0.710	19.0	
	3.5	0.760	19.2	90
	4.0	0.815	19.5	
3.4 Brown	2.5	0.755	19.0	
	3.0	0.825	19.5	
	3.5	0.890	20.2	95
	4.0	0.955	20.2	

msh = max. stream height

Water passage arch

