

Wb VI CLASSIC

Applications

- Applicable for full coverage irrigation on vegetable row crops or any orchard watering where full undertree irrigation is required

Features

- Robust and proven sturdy double framed sprinkler
- Anti-insect/dust proof spinner covers jet when not in operation
- Double bearing ensures spinner stability and long life
- Maximum start-up torque obtained from deflector plate to ensure reliability of start-up and operation in the most hostile environments
- Uniform distribution characteristics and large droplet size being less susceptible to wind effects
- Color coded large range of nozzle to suit many applications and for ease of identification
- Lower angle of throw for maximizing under foliage penetration
- Balanced spin rate to minimize stake vibration.



Wb

Specifications

- Inlet: 10 mm (3/8") BSP male thread
- Material: Frame, Bearing and Nozzle - Acetal, Spinner - Nylon.
- Diameter Range: 4,3 m to 11,2 m
- Flow Range 44 l/h to 304 l/h
- Operating Pressure Range: 1 to 2 bar.
- Recommended Operating Pressure: 1,5 bar. (Maximum Distribution Efficiency).

Codes

10142XX*	Wb VI Classic
10143XX**	Wb VI Classic Shorter diameter
IT-IPS0406-1	Stake 40 cm to be used with adapter IPG10091
1014372	Stake 36 cm with barbed inlet + 60 cm microtube 5 mm
IT-IPG10091	Adapter for IPS0406-1,5 mm barbed inlet x 3/8" Female for plastic stake Ø 5mm
IT-IPG10091-1	Adapter for metal rod Ø 6 mm - 5 mm barbed inlet 3/8" Female

* XX: 72; 73; 74; 75; 76; 77; 49 ** XX: 51; 83; 84; 85

Performance chart WB VI Classic

Colour Code	Code Ø Short	Nozzle (mm)	Pressure (bar)	Standard Ø (m)	Short Ø (m)	Flow rate (l/h)	Max height of trajectory (m)
● 1014272	(1014351)	1,05	1,0	6,1	(4,3)	44	0,56
			1,5	6,9	(4,8)	55	0,62
			2,0	7,3	(5,1)	64	0,65
● 1014273	(1014383)	1,25	1,0	6,8	(4,8)	61	0,57
			1,5	7,8	(5,5)	76	0,71
			2,0	8,3	(5,8)	89	0,90
● 1014274	(1014384)	1,40	1,0	8,1	(5,7)	80	0,60
			1,5	9,3	(6,5)	99	0,83
			2,0	9,6	(6,7)	115	0,90
● 1014275	(1014385)	1,65	1,0	8,9	(6,2)	108	0,60
			1,5	10,0	(7,0)	134	0,80
			2,0	10,5	(7,6)	156	0,92
● 1014276		1,80	1,0	9,5	-	125	0,60
			1,5	10,5	-	155	0,77
			2,0	10,8	-	179	0,90
● 1014277		2,00	1,0	9,6	-	156	0,65
			1,5	10,5	-	192	0,74
			2,0	11,1	-	221	0,85
● 1014249		2,30	1,0	9,6	-	214	0,74
			1,5	10,8	-	265	0,97
			2,0	11,2	-	304	1,05

MINI SPRINKLERS

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Sprinkler Spacing

- Wb VI sprinklers are generally spaced in two ways:
 - Single sprinkler per tree or strip watering (for watering individual trees)
 - Full coverage (Where cover crops are grown the sprinkler are spaced between 4 m to 8 m) for herbaceous cultivations
- When designing Full Coverage systems refer to the Table below for distribution Uniformity requirements and desired Precipitation Rate.

Sprinkler precipitation (mm/h)

Nozzle	Press (bar)	square spacing (m x m)						triangular spacing (m x m)					
		3 x 3	4 x 4	5 x 5	6 x 6	7 x 7	8 x 8	3 x 3	4 x 4	5 x 5	6 x 6	7 x 7	8 x 8
White	1,00	4,9	2,8	1,8	-	-	-	4,9	2,8	1,8	-	-	-
	1,50	6,2	3,5	2,2	-	-	-	6,2	3,5	2,2	-	-	-
	2,00	7,1	4,0	2,5	-	-	-	7,1	4,0	2,5	-	-	-
Brown	1,00	6,8	3,8	2,4	1,7	1,2	-	6,8	3,8	2,4	1,7	1,2	-
	1,50	8,5	4,8	3,1	2,1	1,6	-	8,5	4,8	3,1	2,1	1,6	-
	2,00	9,9	5,6	3,6	2,5	1,8	-	9,9	5,6	3,6	2,5	1,8	-
Green	1,00	8,9	5,0	3,2	2,2	1,6	-	8,9	5,0	3,2	2,2	1,6	-
	1,50	11,0	6,2	4,0	2,7	2,0	-	11,0	6,2	4,0	2,7	2,0	-
	2,00	12,8	7,2	4,6	3,2	2,3	-	12,8	7,2	4,6	3,2	2,3	-
Blue	1,00	12,0	6,8	4,3	3,0	2,2	1,7	12,0	6,8	4,3	3,0	2,2	1,7
	1,50	14,9	8,4	5,4	3,7	2,7	2,1	14,9	8,4	5,4	3,7	2,7	2,1
	2,00	17,3	9,7	6,2	4,3	3,2	2,4	17,3	9,7	6,2	4,3	3,2	2,4
Grey	1,00	13,9	7,8	5,0	3,5	2,6	2,0	13,9	7,8	5,0	3,5	2,6	2,0
	1,50	17,2	9,7	6,2	4,3	3,2	2,4	17,2	9,7	6,2	4,3	3,2	2,4
	2,00	19,9	11,2	7,2	5,0	3,7	2,8	19,9	11,2	7,2	5,0	3,7	2,8
Yellow	1,00	17,4	9,8	6,3	4,3	3,2	2,4	17,4	9,8	6,3	4,3	3,2	2,4
	1,50	21,4	12,0	7,7	5,3	3,9	3,0	21,4	12,0	7,7	5,3	3,9	3,0
	2,00	24,5	13,8	8,8	6,1	4,5	3,5	24,5	13,8	8,8	6,1	4,5	3,5
Red	1,00	23,8	13,4	8,6	5,9	4,4	3,3	23,8	13,4	8,6	5,9	4,4	3,3
	1,50	29,5	16,6	10,6	7,4	5,4	4,1	29,5	16,6	10,6	7,4	5,4	4,1
	2,00	33,8	19,0	12,2	8,4	6,2	4,8	33,8	19,0	12,2	8,4	6,2	4,8

■ < 55 %
 ■ 55 - 64 %
 ■ 65 - 74 %
 ■ 75 - 84 %
 ■ 85 - 94 %
 ■ > 95 %

Distribution uniformity scale (%)

- Distribution Uniformity compares the mean of the lowest 25% of precipitation readings to the mean precipitation between a pattern of sprinklers. It is an indicator of the uniformity of water application and will highlight any "dry spots" that could occur, causing plant stress or salinity build up. An acceptable figure for distribution uniformity is equal to or above 75% with less than 65% being deemed unacceptable.
- All tests have been carried out in still conditions (no wind) and to relevant ISO or equivalent Standards. Deration factor should be used for windy conditions.
- Triangular spacing are represented by Sprinkler x Row.

