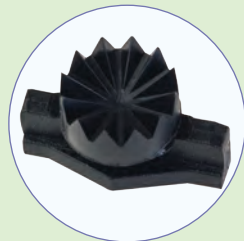


Jain Jet



Features & Benefits



Innovative Top Hat

Top Hat available to use with young trees for reduced radius and higher application rates in root zones



Specially Designed Side Ribs

Smooth streamlined side ribs to give minimum obstruction to water jet



Color Coded Nozzles

Color codes are available for identification of different flow rates.



Quick Thread Technology

Fast and easy installation with quick threads technology

Jain Jets

Additional Features

- Static, no moving parts
- Precision molding - ensures precise spray patterns
- Manufactured from the highest quality materials for long term field operations
- 7 color coded nozzles for easy identification of flow rate.
- Low maintenance
- Easy clog detection

Applications

- Orchards: Almonds, Walnuts, Stone-Fruit, and citrus
- Vineyards
- Organic or conventional fields

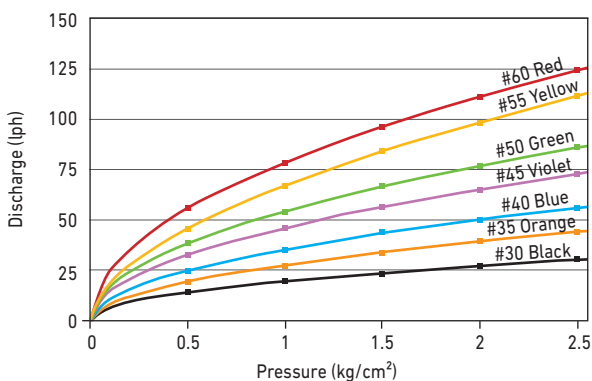
Specifications

- Flow rates: 14.4 to 111.3 lph
- Working Pressure: 0.7 to 2.1 kg/cm²
- Wetted Diameter: 2.0 to 10 m
- Filter Requirement: 120 mesh

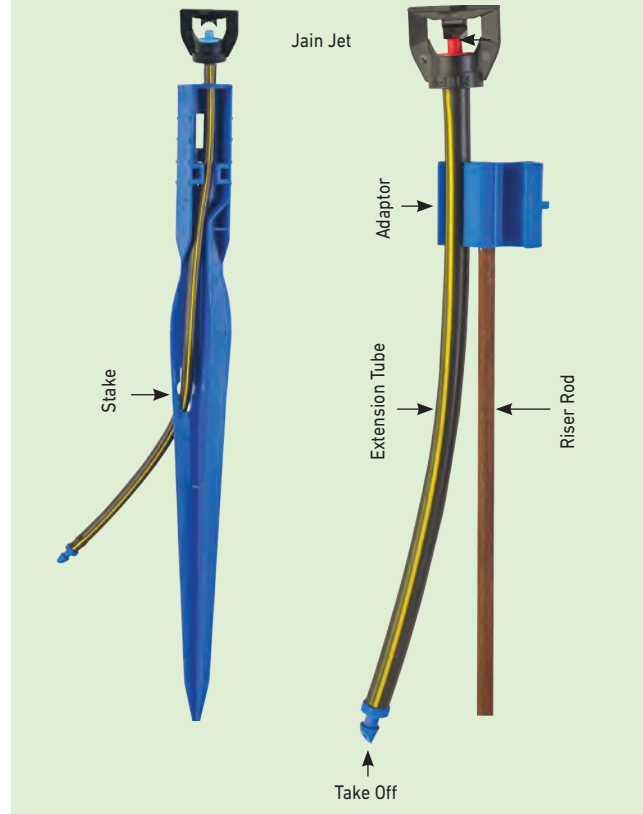
Support Stake

- The new Jain Jet support stake is perfect for installation out in the field. It was designed with strength to penetrate the soil with ease.
- The top edge can be hammered down and allows to adjusting the height of the jet. It is made with double support for easy tubing installation.

Performance Graph

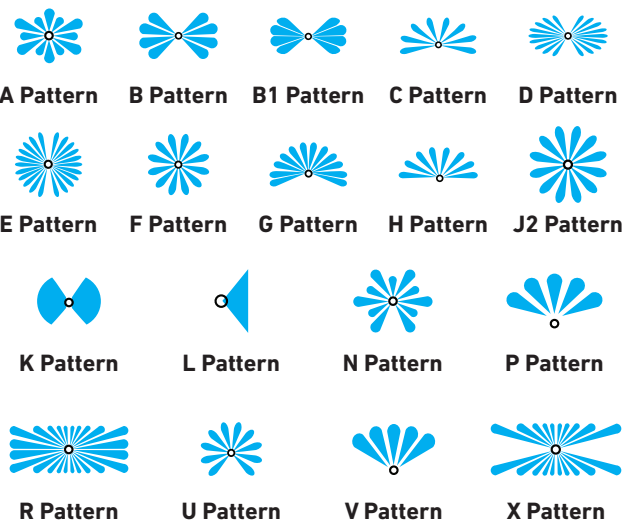


Jain Jets Assembly



Various Patterns

18 different wetting patterns to choose from for optimum wetted diameter



Jain Jets

Jain Jet Performance Data









Spray Trajectories			Pattern												
Nozzle size	P (kg/cm ²)	Q (lph)	A	B	B1	C	D	E	F	G	H	J2			
			D		D (m)										
			High Stream	Low Stream											
#30 Black	0.7	16.7	3.0	2.7	3.7	3.7	3.0	2.7	3.0	3.4	2.1	3.4	2.4		
	1.1	19.7	3.7	3.0	4.3	4.9	3.4	3.0	3.4	4.0	2.4	4.0	2.7		
	1.4	22.7	4.3	3.0	4.9	5.2	3.7	3.4	3.7	4.6	2.7	4.3	2.7		
	1.8	25.4	4.3	3.4	5.2	5.5	4.0	3.7	4.0	5.2	3.0	4.6	3.0		
	2.1	28.0	4.6	3.4	5.5	6.1	4.0	4.0	4.3	5.5	3.4	4.9	3.0		
#35 Orange	0.7	22.3	4.3	3.0	4.6	4.3	4.0	3.0	3.4	4.3	2.4	4.0	2.7		
	1.1	27.6	4.9	3.7	5.2	5.2	4.6	3.4	3.7	4.9	3.0	4.6	3.0		
	1.4	31.8	5.2	4.0	4.3	4.3	4.9	3.7	4.3	5.5	3.7	4.9	3.4		
	1.8	35.6	5.5	4.3	5.8	6.1	5.2	4.0	4.6	5.8	4.0	5.2	3.7		
	2.1	39.0	5.8	4.6	6.1	6.4	5.5	4.3	4.9	6.1	4.3	5.5	3.7		
#40 Blue	0.7	28.4	4.6	3.4	4.9	5.2	4.6	3.4	3.7	4.6	2.7	4.3	3.0		
	1.1	35.2	5.2	4.0	5.5	5.5	5.2	3.7	4.0	5.8	3.4	4.9	3.4		
	1.4	40.5	5.8	4.6	6.1	6.4	5.8	4.0	4.6	6.4	4.0	5.2	3.7		
	1.8	45.4	6.4	5.2	6.7	6.7	6.1	4.3	4.9	7.0	4.3	5.5	4.0		
	2.1	49.6	6.7	5.5	7.3	7.3	6.4	4.6	5.2	7.6	4.6	5.8	4.3		
#45 Violet	0.7	37.9	5.2	4.0	5.2	5.5	5.5	3.4	4.3	5.5	3.4	4.6	3.7		
	1.1	46.2	6.1	4.6	5.8	6.1	6.1	3.7	4.6	6.4	3.7	4.9	4.0		
	1.4	53.4	6.7	5.2	6.4	6.7	6.7	4.3	5.2	7.0	4.3	5.5	4.3		
	1.8	59.8	7.3	5.8	7.0	7.3	7.3	4.6	5.5	7.6	4.6	5.8	4.6		
	2.1	65.5	7.9	6.4	7.6	7.9	7.6	4.9	5.8	8.2	4.6	6.1	4.6		
#50 Green	0.7	44.7	6.1	4.3	5.5	5.8	5.8	-	4.3	5.8	-	-	4.3		
	1.1	54.5	7.0	5.2	6.1	6.4	6.4	-	4.6	6.7	-	-	4.6		
	1.4	63.2	7.6	5.8	6.7	7.3	6.7	-	5.2	7.6	-	-	4.9		
	1.8	70.4	8.2	6.4	7.3	7.9	7.9	-	5.8	8.2	-	-	4.9		
	2.1	77.2	8.8	7.0	7.9	8.5	8.5	-	6.4	8.8	-	-	5.5		
#55 Yellow	0.7	51.9	6.4	4.6	-	6.4	6.7	-	4.6	6.1	-	-	-		
	1.1	67.4	7.6	5.5	-	7.6	7.3	-	5.2	7.3	-	-	-		
	1.4	77.6	8.2	6.1	-	8.2	8.2	-	5.8	8.2	-	-	-		
	1.8	86.7	8.8	6.7	-	8.5	9.1	-	6.1	8.8	-	-	-		
	2.1	95.0	9.5	7.3	-	8.8	9.8	-	6.7	9.8	-	-	-		
#60 Red	0.7	64.3	6.7	4.9	-	6.7	7.3	-	4.9	6.4	-	-	-		
	1.1	78.7	7.9	5.8	-	7.6	7.9	-	5.8	7.6	-	-	-		
	1.4	90.8	8.5	6.7	-	8.5	8.8	-	6.4	8.8	-	-	-		
	1.8	101.4	9.1	7.3	-	9.1	9.8	-	7.0	9.8	-	-	-		
	2.1	111.3	9.8	8.2	-	9.5	10.4	-	7.6	10.4	-	-	-		

P= Pressure; Q= Discharge; D = Diameter

Jain Jet Performance Data

Spray Trajectories			Pattern													
Nozzle size	P (kg/cm ²)	Q (lph)	K	L	N	P	R	U	V	X	D (m)					
									Radius	Width	Length	Width	Radius	Width	Length	Width
			High Stream	Low Stream	Radius	Width	Length	Width	Radius	Width	Length	Width				
#30 Black	0.7	14.4	2.1	1.2	3.0	2.7	2.1	4.0	3.0	1.5	3.7	1.7	2.6	3.4	1.5	
	1.1	17.1	2.4	1.2	3.7	3.0	2.3	4.3	3.4	1.5	4.0	1.8	2.7	4.0	1.8	
	1.4	19.7	2.4	1.2	4.3	3.0	2.4	4.6	4.0	1.8	4.3	2.1	3.4	4.6	2.1	
	1.8	22.0	2.4	1.2	4.3	3.4	2.6	4.7	4.3	1.8	4.6	2.4	3.5	4.9	2.4	
	2.1	24.3	2.4	1.2	4.6	3.4	2.7	5.0	4.6	2.1	4.9	2.4	3.8	5.2	2.4	

Jain Jets

Spray Trajectories			Pattern													
			K	L	N		P		R		U	V		X		
Nozzle size	P (kg/cm ²)	Q (lph)														
			D (m)													
					High Stream	Low Stream	Radius	Width	Length	Width		Radius	Width	Length	Width	
#35 Orange	0.7	19.4	2.4	1.2	4.3	3.0	2.4	4.6	3.7	1.8	4.3	2.1	3.0	4.3	2.1	
	1.1	23.9	2.4	1.2	4.9	3.7	2.6	4.7	4.3	1.8	4.6	2.1	3.4	4.9	2.4	
	1.4	27.6	2.4	1.2	5.2	4.0	2.7	5.0	4.6	2.1	5.2	2.4	3.5	5.8	2.4	
	1.8	30.8	2.4	1.2	5.5	4.3	2.9	5.3	4.9	2.1	5.5	2.4	3.8	6.4	2.7	
	2.1	33.8	2.4	1.5	5.8	4.6	3.0	5.6	5.2	2.4	5.8	2.7	4.0	7.0	2.7	
#40 Blue	0.7	24.6	2.4	1.2	4.6	3.4	2.6	4.7	4.0	2.1	4.6	2.1	3.4	4.3	2.4	
	1.1	30.5	2.4	1.2	5.2	4.0	2.7	5.0	4.3	2.4	5.2	2.4	3.5	5.2	2.7	
	1.4	35.1	2.4	1.5	5.8	4.6	3.0	5.6	4.9	2.7	5.8	2.4	3.8	5.8	2.7	
	1.8	39.4	2.4	1.5	6.4	5.2	3.4	6.3	5.2	2.7	6.1	2.7	4.0	6.1	3.0	
	2.1	43.0	2.7	1.5	6.7	5.2	3.7	6.7	5.8	3.0	6.4	2.7	4.3	6.7	3.4	
#45 Violet	0.7	32.8	2.7	1.5	5.2	4.0	2.7	5.0	4.3	2.4	5.2	2.4	3.5	4.9	2.7	
	1.1	40.0	2.7	1.5	6.1	4.6	3.0	5.6	4.6	2.7	5.8	2.4	3.8	5.8	3.4	
	1.4	46.2	2.7	1.5	6.7	5.2	3.4	6.3	5.2	3.0	6.7	2.7	4.3	6.7	3.7	
	1.8	51.8	2.7	1.8	7.3	5.8	3.7	6.7	5.5	3.4	7.0	3.0	4.4	7.3	4.0	
	2.1	56.7	2.7	1.8	7.9	6.4	4.0	7.3	6.1	3.7	7.6	3.0	4.7	7.9	4.3	
#50 Green	0.7	38.7	2.4	1.5	6.1	4.3	3.0	5.6	4.6	3.0	5.8	-	-	5.5	3.4	
	1.1	47.2	2.4	1.5	7.0	5.2	3.4	6.3	5.2	3.4	6.7	-	-	6.4	4.0	
	1.4	54.8	2.7	1.8	7.6	5.8	3.7	6.7	5.8	4.0	7.6	-	-	7.3	4.3	
	1.8	61.0	2.7	1.8	8.2	6.4	3.8	7.0	6.4	4.0	7.9	-	-	7.9	4.6	
	2.1	66.9	3.0	2.1	8.8	7.0	4.0	7.3	6.7	4.3	8.5	-	-	8.5	4.9	
#55 Yel-low	0.7	44.9	2.7	1.5	6.4	4.6	-	-	4.9	4.0	6.1	-	-	5.5	3.4	
	1.1	58.4	2.7	1.8	7.6	5.5	-	-	5.8	4.6	7.0	-	-	6.7	4.3	
	1.4	67.2	2.7	2.1	8.2	6.1	-	-	6.4	5.2	7.9	-	-	7.6	4.6	
	1.8	75.1	3.0	2.1	8.8	6.7	-	-	7.0	5.5	8.5	-	-	8.2	5.2	
	2.1	82.3	3.4	2.4	9.5	7.3	-	-	7.9	5.8	9.1	-	-	8.8	5.2	
#60 Red	0.7	55.8	3.0	1.8	6.7	4.9	-	-	5.5	4.9	6.4	-	-	5.8	10.4	
	1.1	68.2	3.0	2.1	7.9	5.8	-	-	6.7	5.8	7.3	-	-	7.0	4.6	
	1.4	78.7	3.4	2.1	8.5	6.7	-	-	7.3	6.7	8.5	-	-	8.2	4.9	
	1.8	87.9	3.4	2.4	9.1	7.3	-	-	7.9	6.7	9.1	-	-	8.5	6.1	
	2.1	96.4	3.7	2.4	9.8	8.2	-	-	8.5	7.0	10.1	-	-	9.1	6.1	

P= Pressure; Q= Discharge; D = Diameter

Ordering Specifications

Series#	Jet Pattern		Nozzle Flow @ 20 psi		Tube Length		Stake		
1168	10	A - Full Circle Hi-Lo	1	# 30 Black (5.9 gph)	0	No Tube	0	No Stake	
	11	B- Butterfly	2	# 35 Orange (8.5 gph)	1	24" PE	1	Stake 34-Red	
	12	B1- Butterfly	3	# 40 Blue (10.7 gph)	2	30" PE **	2	Multi-Stake-Red**	
	13	C - Wrap-around	4	# 45 Violet (14.1 gph)	3	36" PE			
	14	D - Modified Butterfly	5	# 50 Green (16.7 gph)	4	48" PE			
	15	E- Full Circle	6	# 55 Yellow (20.5 gph)	5	60" PE			
	16	F - Inverted	7	# 60 Red (24.4 gph)	6	24" PVC			
	17	G - Wrap - around			7	30" PVC			
	18	H - Half Circle			8	36" PVC**			
	19	J2 - Full Circle 16							
	23	K - Butterfly Mist							
	24	L - Quarter Mist							
	25	N - Notch Hi-Lo							
	26	P - 150 Arc							
	27	R - Rectangle							
	28	U - Notch							
	29	V - 100 Arc							
	30	X - Butterfly Rectangle							
	31	Fill in							
	168	28		3		2		2	

Catalog Number : 16828322 Complete Jain Jet Assembly with U Jet Pattern, Blue Nozzle, 30" Tube Length and a Multi-Stake Red.

** Standard