

Use water, chemicals, and energy more efficiently with Micro Bird® Jet. Its rugged construction matched with the flexibility of different spray patterns makes Micro Bird® the smart choice for dependable irrigation. Featuring our signature Snap-Fit Assembly and exclusive reversible deflectors, this system is easy to maintain and built to grow with your operation—no tools necessary.

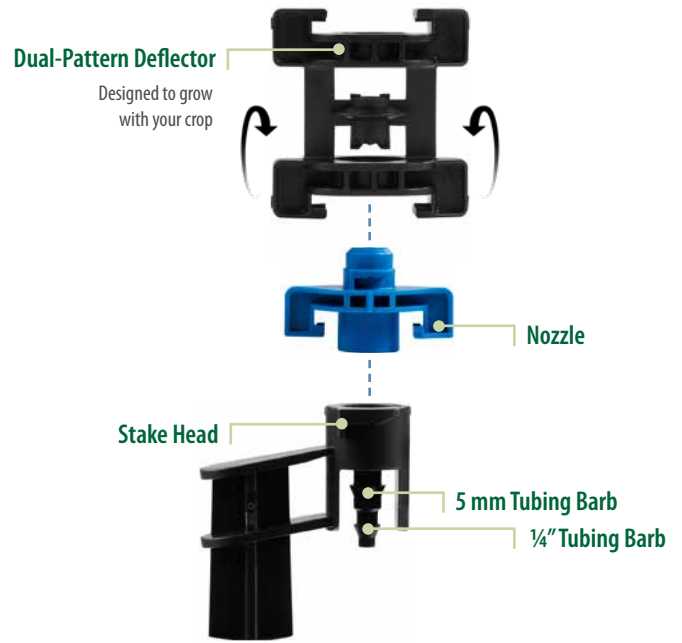


No Tools Required
Snap-Fit Assembly

FEATURES

- Reversible, dual-pattern deflector can be flipped to adjust wetted area dependent on crop maturation.
- Snap-fit nozzles and deflectors for convenient assembly, disassembly, and cleaning without tools.
- Large, color-coded parts make installation and maintenance easy.
- Ultraviolet (UV) stabilized resin resists damage from sun and chemicals.
- Large stakes provide optimal stability and height.
- Order pre assembled from the factory or as individual components for field customization.

MICRO BIRD® JET DESIGN



OPERATING RANGE

Pressure	10–30 psi	0.7–2.1 bar
Flow Rate	5–30 gph	13.8–114 l/h
Radius of Throw	3–21.5 ft	0.9–6.5 m

APPLICATIONS

ORCHARDS



Walnuts



Almonds



Pecans



Avocado



Bananas



Citrus

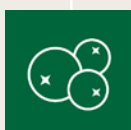


Stonefruit

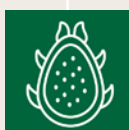


Olives

TRELLIS

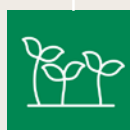


Blueberries



Dragon Fruit

LOCATIONS



Agriculture



Greenhouse










Nursery

USEFUL FOR



Climate Control

PERFORMANCE DATA (IMPERIAL)

Filtration	Nozzle	Pressure (psi)	Flow Rate (gph)	A		B		C	D	E	F		G		M			
				360° Star Bird™		Butterfly		120° Fan Spray	360° 24 Stream	Down Spray	Notched	Rectangular		Fill In				
				Diameter		Length (ft)	Width (ft)	Approx. Radius (ft)	Approx. Diameter (ft)	Approx. Diameter (ft)	Diameter		Length (ft)	Width (ft)	Diameter (ft)			
				Short Stream	Long Stream						Short Stream	Long Stream						
150-Mesh Filtration Recommended	 QN-05 Yellow																	
	 QN-08 0.033" (0.84 mm) Orange	10	5.5	9.5	14.0			11.0	3.0									
		15	7.0	10.5	15.0			12.5	3.0									
		20	8.0	12.5	16.0			13.5	3.0									
		25	9.0	13.5	17.0			14.5	3.0									
	30	10.0	15.0	17.5			15.5	3.0										
	 QN-12 0.038" (0.97 mm) Blue	10	8.5	11.0	15.5			13.0	3.0									
		15	10.5	12.5	17.5			14.0	3.0									
		20	12.0	14.0	19.5			16.0	3.0									
25	13.5	15.5	20.5			17.0	3.0											
30	15.0	16.0	21.5			19.0	3.0											
100-Mesh Filtration Recommended	 QN-14 0.044" (1.12 mm) Violet																	
	 QN-17 0.048" (1.22 mm) Green	COMING SOON																
		COMING SOON																
 QN-24 0.057" (1.45 mm) Red	COMING SOON																	
	COMING SOON																	
 QN-30 0.068" (1.73 mm) White	COMING SOON																	

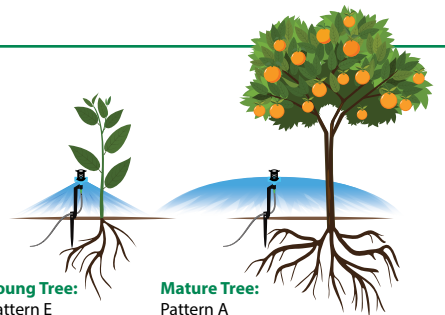
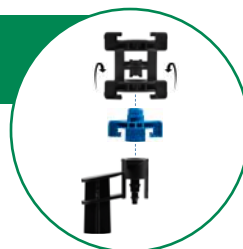
GENERAL NOTE: Performance data is obtained under ideal test conditions and will be affected by wind, hydraulic conditions, and other factors.

BOLD GREEN numbers reflect flow rate at nominal, 20 PSI.

Micro Bird® Deflectors are Reversible: Flip for Flexibility

The most popular combination is E-A.
E is for plant establishment and A is for when plants have matured.

Select the deflector combination you want and flip to change the spray pattern. When you place your order, you'll indicate which pattern you'd like to start with pre-installed.



Accessories for MICRO BIRD® JET



Stake Assembly

MODEL# MBJ036
or MBJ036X no barb

Custom lead lengths available.
Call for quote.



Distribution Tubing

MODEL# Q10520MX

Nominal Diameter (Inside): 0.17" (4.3 mm)
Nominal Diameter (Outside): 0.25" (6.3 mm)
Wall Thickness: 0.04" (1 mm)
Maximum Pressure: 60 PSI (4.14 bar)
Packaging: Coil
Length: 1,000 ft (305 m)



Stake

MODEL# MBJSTAKE



Barb

MODEL# MBJBARB

HOW TO ORDER

MBJ	-	AA	-	08	-	036	-	X
Core Family Micro Bird Jet		Deflector (Down x Up) AA – A x A Pattern DE – D x E Pattern AC – A x C Pattern EA – E x A Pattern AE – A x E Pattern ED – E x D Pattern BC – B x C Pattern EF – E x F Pattern BE – B x E Pattern EG – E x G Pattern DC – D x C Pattern <i>Note: You can specify any combination of deflector patterns.</i> <i>The first letter should indicate which pattern is installed facing down and will run first.</i>		Nozzle 05 – Yellow, 5 gph / 18.9 l/h 08 – Orange, 8 gph / 30.3 l/h 12 – Blue, 12 gph / 45.4 l/h 14 – Violet, 14 gph / 53.1 l/h 17 – Green, 17 gph / 64.4 l/h 24 – Red, 24 gph / 90.8 l/h 30 – White, 30 gph / 113.6 l/h		Lead Length 36 – 36", 91.4 cm <i>Custom lead lengths available. Call for quote.</i>		Barb X – Do not assemble with self-piercing barb



PACKAGING DATA

FACTORY-ASSEMBLED QUANTITIES

CASE: 75

PALLET: 1,800

PART QUANTITIES

PART	MINIMUM ORDER	CASE QUANTITY	PALLET QUANTITY
Nozzles	150	2,400	57,600
Deflectors	150	2,400	57,600
Stakes	100	100	2,400
Sprinkler & Stake Assemblies	75	75	1,800