

Acurain™ Mamkad 16



Germination Irrigation



Irrigation Full Coverage



Pasture Irrigation



Field Crops



Crop Coloring



Crop Cooling



Blossom Shower



Frost Protection



Innovative Sprinkler Design

Compact, sturdy and closed protected ball sprinkler.



Available in Different Flow Rates

Color-coded, plastic, high-trajectory nozzles for easy operation and service.



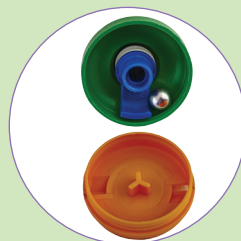
Quick Action for Nozzle

Insect-resistant, pop-up, pop-down nozzle.



Flow Regulation Option

Optional Flow Regulator with uniform distribution for undulating land



Equipped with Cyclonic Plate

Equipped with cyclonic plate in sprinkler to guide water & ball for sprinkler nozzle rotation



Road Protector Option

For corners side road protection option available i.e. Part circle option

Acurain Mamkad 16

Additional Features

- **Manufactured from special grade polymer material:** Components manufactured out of revolutionary polymers to achieve wear resistance and longer trouble free performance.
- **Excellent Precipitation:** Gentle precipitation, no damage to flowers / plants
- **Quality Comes First:** Each batch is tested for stringent quality parameters

Applications

- Recommended for vegetables, flowers, nurseries and greenhouses.
- Can also be used for under tree irrigation.

Specifications

- Flow Rates : 135 to 382 lph
- Inlet Connection : ½" male BSP threaded
- Recommended Spacings: 6 m to 9 m
- Operating pressure : 2.0 - 4.0 kg/cm² w/o regulator
2.5-5.0 kg/cm² with regulator

Technical Specifications - Acurain Mamkad 16 High trajectory nozzles

Nozzle (mm)	P (kg/cm ²)	Q (lph)	D (m)	Precipitation (mm/h) spacing (m)					
				6x6	6x7	7x7	7x8	8x8	8x9
Blue	2.0	135	14	3.8	3.2	2.7	2.4	2.1	
	2.5	151	14	4.2	3.6	3.1	2.7	2.5	
	3.0	165	14	4.6	3.9	3.4	2.9	2.6	
	3.5	179	13	5.0	4.2	3.7	3.2	2.8	
	4.0	191	13	5.3	4.5	3.9	3.4	3.0	
F.R.	2.5-5.0	135	13	3.8	3.2	2.7	2.4	2.1	
Yellow	2.0	180	15	5.0	4.3	3.7	3.2	2.8	
	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	2.8
	3.5	238	15	6.6	5.6	4.9	4.2	3.7	3.3
	4.0	255	14	7.1	6.1	5.2	4.5	4.0	3.5
F.R.	2.5-5.0	180	14	5.0	4.3	3.7	3.2	2.8	2.6
Violet	2.0	225	15	6.3	5.3	4.6	4.0	3.5	3.1
	2.5	252	16	7.0	6.0	5.1	4.5	3.9	3.5
	3.0	276	15	7.7	6.5	5.6	4.9	4.3	3.8
	3.5	298	15	8.3	7.0	6.1	5.3	4.7	4.1
	4.0	318	14	8.8	7.6	6.5	5.7	5.0	4.4
F.R.	2.5-5.0	225	15	6.3	5.3	4.6	4.0	3.5	3.1
Black	2.0	270	17	7.5	6.4	5.5	4.8	4.2	3.8
	2.5	302	16	8.4	7.2	6.2	5.4	4.7	4.2
	3.0	331	16	9.2	7.9	6.8	5.9	5.2	4.6
	3.5	357	16	9.9	8.5	7.3	6.4	5.6	5.0
	4.0	382	15	10.6	9.1	7.8	6.8	6.0	5.3
F.R.	2.5-5.0	270	16	7.5	6.4	5.5	4.8	4.2	3.8

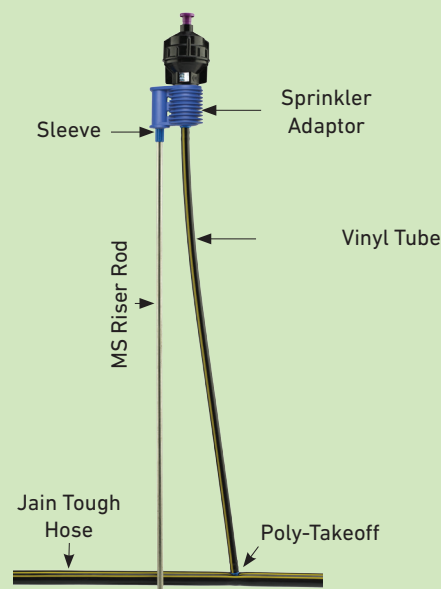
F.R. = Flow Regulator

P= Pressure; Q= Discharge; D = Diameter

Colour code - Distribution uniformity

CU < 85%	CU = 85-88%	CU = 88-92%	CU > 92%
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Acurain Mamkad 16 Sprinkler Assembly



Other Specification

- Nominal operating pressure is 2 kg/cm². Can be used for other pressure ratings (lower / higher) after consulting company representative and due care for spacing and application rate
- Easy to install with different mounting options, for details please refer to "Polyfittings & Accessories" section
- Minimum filtration requirement - 100 micron.

Ordering Specifications

Item# Mamkad	Mamkad regulated / Silver base	Nozzle Color	Flow Rate 1/h
347343	347443	Blue	135
347346	347446	Yellow	180
347344	347444	Violet	225
347348	347448	Black	270