

# MagicDrive PAT. PENDING



## IrriStand systems

Non-Impact 1/2" sprinkler mounted on Irristand 52 or riser

- Maintenance free
- Extended longevity. No wear and tear
- Special long term warranty

### Applications:

- Irrigation and germination of vegetables and field crops
- Corn and Sugar cane irrigation on high risers 2-3m due to its stable operation without vibration
- Overhead cooling in orchards and plantations

### Structure and features:

- Maintenance free for long lifespan
- Can function with contaminated water
- Hermetically-sealed silicone chamber protects silicone from leakage
- Silicone with magnets ensure constant rotation speed and prevents wear and tear
- Excellent water distribution uniformity in spacing of up to 14 m
- Color coded nozzle and swivel
- High-impact and heavy duty plastic materials for resistance to corrosion and UV radiation

MagicDrive PERFORMANCE TABLE  
Precipitation rates (mm/hr) and uniformity (CU) at various spacing

Group	Swivel	Diffuser	Nozzle color (mm)	P (bar)	Q (m <sup>3</sup> /h)	D (m)	Spacing (m)							
							9x9	10x10	10x12	12x12	12x14	14x14		
G4	Black 24°	Yellow	2.6 Yellow	1.5	0.310	19	3.7	3.1	2.6					
				2.0	0.365	19	4.4	3.7	3.0					
				2.5	0.410	19	5.0	4.1	3.4					
				3.0	0.450	20	5.6	4.5	3.8					
				3.5	0.490	20	6.0	4.9	4.1					
			2.8 Green	1.5	0.360	20	4.3	3.6	3.0	2.5				
				2.0	0.415	20	5.1	4.2	3.5	2.9				
				2.5	0.465	21	5.6	4.7	3.9	3.2				
				3.0	0.510	21	6.2	5.1	4.3	3.5				
				3.5	0.55	21	6.8	5.5	4.6	3.8				
G5	Blue 24°	Yellow	3.0 Light Brown	1.5	0.415	22	5.1	4.2	3.5	2.9	2.5	2.1		
				2.0	0.485	23	5.9	4.9	4.0	3.4	2.9	2.5		
				2.5	0.545	23	6.7	5.5	4.5	3.8	3.2	2.8		
				3.0	0.595	23	7.3	6.0	5.0	4.1	3.5	3.0		
				3.5	0.650	22	8.0	6.5	5.4	4.5	3.9	3.3		
				3.2 Red	1.5	0.465	21	5.6	4.7	3.9	3.2	2.8	2.4	
					2.0	0.545	22	6.6	5.5	4.5	3.8	3.2	2.8	
			2.5		0.615	23	7.5	6.2	5.1	4.3	3.7	3.1		
			3.0		0.680	23	8.3	6.8	5.7	4.7	4.0	3.5		
			3.5		0.730	23	8.9	7.3	6.1	5.1	4.3	3.7		

Color code - Distribution uniformity    CU > 92%    CU 88-92%    CU 85-88%    CU < 85%



\* Performance table prepared under laboratory conditions

\* For windy conditions use closer spacing