

# MagicDrive LA PAT. PENDING



## Undertree sprinklers

Non-Impact 1/2" low volume sprinkler.  
Two available models 9° & 14°.

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

**Applications:** orchards and plantations, especially bananas and table grape for full coverage irrigation. MagicDrive 14° also for irrigation and germination of vegetables and field crops

### 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
- Can function with contaminated water
- Special synchronized diffuser mechanism SECTORS ensures high resistance to wind.
- Color coded nozzle and swivel.
- High-impact and heavy duty plastic materials for resistance to corrosion and UV radiation

| Group | Swivel    | Diffuser | Nozzle color (mm) | P (bar) | Q (m³/h) | D (m) | MSH (cm) |
|-------|-----------|----------|-------------------|---------|----------|-------|----------|
| G4    | Purple 9° | Green    | 2.6 Yellow        | 1.5     | 0.310    | 18    | 70-100   |
|       |           |          |                   | 2.0     | 0.365    | 18    |          |
|       |           |          |                   | 2.5     | 0.410    | 18    |          |
|       |           |          |                   | 3.0     | 0.450    | 18    |          |
|       |           |          |                   | 3.5     | 0.490    | 18    |          |
|       |           |          | 2.8 Green         | 1.5     | 0.360    | 18    | 70-100   |
|       |           |          |                   | 2.0     | 0.415    | 18    |          |
|       |           |          |                   | 2.5     | 0.465    | 18    |          |
|       |           |          |                   | 3.0     | 0.510    | 18    |          |
|       |           |          |                   | 3.5     | 0.550    | 18    |          |
| G5    | Purple 9° | Green    | 3.0 Light Brown   | 1.5     | 0.415    | 17    | 80-100   |
|       |           |          |                   | 2.0     | 0.485    | 17    |          |
|       |           |          |                   | 2.5     | 0.545    | 17    |          |
|       |           |          |                   | 3.0     | 0.595    | 18    |          |
|       |           |          |                   | 3.5     | 0.650    | 18    |          |
|       |           |          | 3.2 Red           | 1.5     | 0.465    | 17    | 80-110   |
|       |           |          |                   | 2.0     | 0.545    | 17    |          |
|       |           |          |                   | 2.5     | 0.615    | 18    |          |
|       |           |          |                   | 3.0     | 0.680    | 18    |          |
|       |           |          |                   | 3.5     | 0.730    | 18    |          |

MSH: Maximum Stream Height

| Group | Swivel          | Diffuser | Nozzle color (mm) | P (bar) | Q (m³/h) | D (m) | MSH (cm) | Spacing (m) |       |       |       |     |
|-------|-----------------|----------|-------------------|---------|----------|-------|----------|-------------|-------|-------|-------|-----|
|       |                 |          |                   |         |          |       |          | 9x9         | 10x10 | 10x12 | 12x12 |     |
| G4    | Gold 14°        | Yellow   | 2.6 Yellow        | 1.5     | 0.310    | 18    | 120-140  | 3.8         | 3.1   | 2.6   | 2.2   |     |
|       |                 |          |                   | 2.0     | 0.365    | 19    |          | 4.5         | 3.7   | 3.0   | 2.5   |     |
|       |                 |          |                   | 2.5     | 0.410    | 19    |          | 5.1         | 4.1   | 3.4   | 2.8   |     |
|       |                 |          |                   | 3.0     | 0.450    | 19    |          | 5.5         | 4.5   | 3.8   | 3.1   |     |
|       |                 |          |                   | 3.5     | 0.490    | 19    |          | 6.0         | 4.9   | 4.1   | 3.4   |     |
|       |                 |          | 2.8 Green         | 1.5     | 0.360    | 18    |          | 120-140     | 4.4   | 3.6   | 3.0   | 2.5 |
|       |                 |          |                   | 2.0     | 0.415    | 19    |          |             | 5.1   | 4.2   | 3.5   | 2.9 |
|       |                 |          |                   | 2.5     | 0.465    | 20    |          |             | 5.7   | 4.7   | 3.9   | 3.2 |
|       |                 |          |                   | 3.0     | 0.510    | 20    |          |             | 6.2   | 5.1   | 4.3   | 3.5 |
|       |                 |          |                   | 3.5     | 0.550    | 20    |          |             | 6.8   | 5.5   | 4.6   | 3.8 |
| G5    | Light Brown 14° | Yellow   | 3.0 Light Brown   | 1.5     | 0.415    | 21    | 120-150  | 5.0         | 4.2   | 3.5   | 2.9   |     |
|       |                 |          |                   | 2.0     | 0.485    | 22    |          | 6.0         | 4.9   | 4.0   | 3.4   |     |
|       |                 |          |                   | 2.5     | 0.545    | 22    |          | 6.7         | 5.5   | 4.5   | 3.8   |     |
|       |                 |          |                   | 3.0     | 0.595    | 23    |          | 7.3         | 6.0   | 5.0   | 4.1   |     |
|       |                 |          |                   | 3.5     | 0.650    | 23    |          | 8.0         | 6.5   | 5.4   | 4.5   |     |
|       |                 |          | 3.2 Red           | 1.5     | 0.465    | 21    |          | 130-150     | 5.6   | 4.7   | 3.9   | 3.2 |
|       |                 |          |                   | 2.0     | 0.545    | 22    |          |             | 6.8   | 5.5   | 4.5   | 3.8 |
|       |                 |          |                   | 2.5     | 0.615    | 23    |          |             | 7.7   | 6.2   | 5.1   | 4.3 |
|       |                 |          |                   | 3.0     | 0.680    | 23    |          |             | 8.4   | 6.8   | 5.7   | 4.7 |
|       |                 |          |                   | 3.5     | 0.730    | 23    |          |             | 8.9   | 7.3   | 6.1   | 5.1 |

\* Performance table prepared under laboratory conditions  
\* For windy conditions use closer spacing

|                                      |          |           |           |           |          |
|--------------------------------------|----------|-----------|-----------|-----------|----------|
| Color code - Distribution uniformity | CU > 92% | CU 88-92% | CU 85-88% | CU 80-85% | CU < 80% |
|--------------------------------------|----------|-----------|-----------|-----------|----------|