

R10 Turbo &amp; R2000


**ROTATOR**<sup>®</sup>

# Irrigating Bananas



## R10 Turbo



The relatively lower cost of an R10 Turbo makes higher sprinkler densities more affordable, while the new water distribution performance reduces the negative impact of obstruction.



## R2000



The R2000 can be used with a PVC adapter, lock and screw to lock the Rotator onto the riser. If stolen, the R2000 has a type of thread that is not commercially available, therefore cannot be used with commonly available adapters.

## Rotator<sup>®</sup> Sprinkler Technology

- **Proven reliability and long life.** Rotator technology is field-proven since 1987.
- **Resistant to wear.** No seals or bearings are exposed to water pressure so sprinklers work even in abrasive water conditions.
- **Slow and smooth rotation.** With no drive arm there is no riser vibration to fatigue buried PVC fittings.
- **Optimal stream integrity.** Streams are less aggressive and cause less plant damage than impact sprinklers.
- **Compact design.** With no drive arm to get in the way, Rotator sprinklers are less susceptible to breakage from falling debris.
- **Reliable rotation.** The rotating mechanism is inside the sprinkler therefore weeds are less likely to interfere with operation compared to other types of sprinklers.

### Rotator option for irrigating bananas:

- The **R10T P8 15°** is an economic option for spacings up to 10 m x 10 m.
- The **R2000 K3 15°**, **K4 15°** or **K5 15°** offer top of the line features for spacings up to 12 m x 12 m.

### Engineered Uniformity

The **R10T P8 15°** provides uniform water application by diffusing the stream of water sufficiently to spread the water across the radius of throw. The **R2000** uses a pure groove to provide a tight stream for excellent radius of throw. A diffuser interrupts this stream to create exceptional uniformity in the field. Growers are consistently amazed at the uniform growth of new banana plantations irrigated by Rotators.

## R10T Plate/Nozzle Options & Flow Performance in LPH

Plate Options	Recommended Nozzles	BAR					
		2	2.25	2.5	2.75	3	3.25
<b>P8 15° Gold</b> Radius: 7.6-8.8 m Stream Height: 91-106 cm 	 Orange #86	261	278	294	308	323	337
	 Purple #94	311	329	347	365	380	396
	 Yellow #102	366	389	411	431	451	469
	1.25 10 FC 1.5 10 FC	1.25 10 FC flow control nozzles are flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow (284 LPH). 1.5 10 FC flow control nozzles are flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow (341 LPH). Use above 2 BAR.					

## R2000 Plate/Nozzle Options & Flow Performance in LPH

Plate Options	Recommended Nozzles	BAR				
		2.0	2.5	3.0	3.5	4.0
<b>K3 15° Red</b> Radius: 8.2-9.4 m Stream Height: 104-130 cm 	 Orange #11	261	294	323	350	375
	 Purple #12	311	347	380	412	442
	1.25 2000 FC 1.5 2000 FC	1.25 2000 FC flow control nozzles are flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow (284 LPH). 1.5 2000 FC flow control nozzles are flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow (341 LPH).				
<b>K4 15° Gold</b> Radius: 8.8-10.0 m Stream Height: 79-109 cm 	 Yellow #13	366	411	451	487	521
	 Green #14	413	463	509	550	590
	1.5 2000 FC 2.0 2000 FC	1.5 2000 FC flow control nozzles are flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow (341 LPH). 2.0 2000 FC flow control nozzles are flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow (454 LPH).				
<b>K5 15° Tan</b> Radius: 9.5-10.4 m Stream Height: 81-104 cm 	 Tan #15	485	544	597	647	695
	 Dark Red #16	559	624	685	739	792
	2.5 2000 FC	2.5 2000 FC flow control nozzles are flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow (568 LPH).				

### Rotator® sprinklers have a full line of accessories available including:

- Mounting options to PVC or PE pipe (see FT4 Feedtube on the right).
- Road Guard to keep water off drive rows.
- Flush Tool for nozzle cleaning.
- Security Lock (see other side).
- Pressure measurement assemblies.

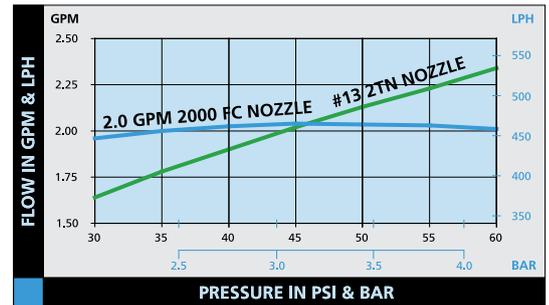
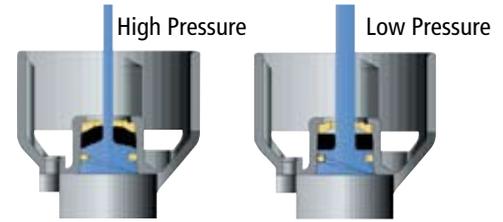


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## Flow Control Nozzle Options

The Flow Control Nozzle ensures every sprinkler delivers the same flow. It is a great option for areas with large elevation difference or where it is difficult to maintain even pressure within an irrigation block. The 2000FC nozzles illustrated below are operating at the same flow. As pressure increases, the flexible flow washers reduce the orifice opening size giving a constant flow over a wide range of pressure.



### FT4 Feedtube

Part #9752-036 (assembled, does not include stake)



- #9677 Steel Stake Adapter Acme Thread
- #9099-036 10 mm Flexible PVC Feedtube Length = 36" O.D. = .505" I.D. = .355" Bulk Coils #9099 500'
- #9725-024 8 mm Steel Stake 24" or #10160 8 mm Fiberglass Stake 24"
- #9774 LTO 10 mm Compression x 7 mm Barb

For FT4 use Punch Tool #9810 or Drill Tool #9835-002.




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