

**NEW!**

## Triad™

The Triad is an excellent alternative to micro-irrigation.

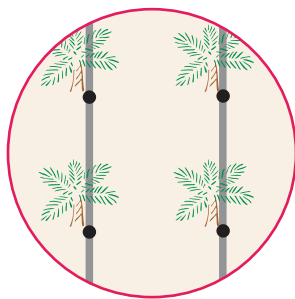
It's a unique 3-stream sprinkler for orchard irrigation that's ideal for irrigating small root zones associated with young trees.

### Features

- Recommended for oil palms, pecans, coconuts, mangos, citrus, walnut and other fruit trees.
- 3 adjustable nozzles for precise direction and trajectory control.
- 3/4" slip F base solvent-welds directly to PVC riser, eliminating the need for a connecting fitting.
- Requires less filtration than traditional micro-irrigation.
- Reduces the number of laterals required by 50% compared to micro sprinklers.
- Fewer lateral requirements allow greater access to trees for harvesting and orchard maintenance.

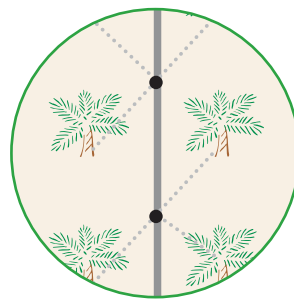


Riser sold separately.



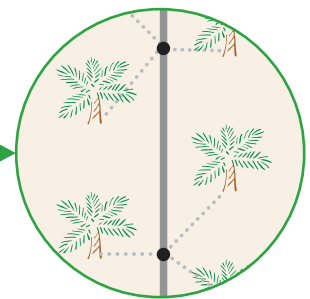
Traditional micro-irrigation

Traditional micro-irrigation requires polyethylene tubing for each row, plus a micro sprinkler for each tree.



Triad with square tree spacing

The Senninger Triad uses one line of polyethylene tube every other row and one emitter for every three trees.\*



Triad with triangular tree spacing

### Triad

Sprinkler Base Pressure (psi)	10	15	20	25	30	35	Sprinkler Base Pressure (bar)	0.69	1.03	1.38	1.72	2.07	2.41
<b>0 Degree Trajectory</b>							<b>0 Degree Trajectory</b>						
Flow** (gpm)	0.94	1.16	1.36	1.52	1.68	1.82	Flow (L/hr)	213	263	309	345	382	413
Radius Min. throw (ft)	9.5	12.0	13.0	13.0	13.0	13.0	Radius Min. throw (m)	2.9	3.7	4.0	4.0	4.0	4.0
Radius Max. throw (ft)	10.0	13.5	15.0	16.5	17.0	17.5	Radius Max. throw (m)	3.1	4.1	4.6	5.0	5.2	5.3
<b>30 Degrees Trajectory</b>							<b>30 Degrees Trajectory</b>						
Flow** (gpm)	0.94	1.16	1.36	1.52	1.68	1.82	Flow (L/hr)	213	263	309	345	382	413
Radius Min. throw (ft)	17.5	23.5	25.0	25.5	26.0	26.5	Radius Min. throw (m)	5.3	7.2	7.6	7.8	7.9	8.1
Radius Max. throw (ft)	21.5	29.0	31.5	32.5	33.5	34	Radius Max. throw (m)	6.6	8.8	9.6	9.9	10.2	10.5

\* Tree diking is recommended for best water retention. \*\* Flow rate is for all three nozzles combined. Riser height is 1.5ft (0.46 m)