



K-Line™ Std – Orchard

Minimises disease and fungal growth



an *OAliaxis* company

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K-Line™ Std – Orchard

What is K-Line™?

- K-Line™ is a flexible hose line sprinkler system originally designed for irrigation. The low application rate makes the K-Line™ system a very efficient use of water. At the heart of the system is a series of tough plastic pods protecting a sprinkler, firmly attached to special K-Pipe™ polyethylene pipe
- K-Line™ provides an excellent method of irrigation options from the many and varied sources
- K-Line™ systems are all designed to operate at low pressure
- K-Line™ provide a number of product choices which gives you maximum flexibility in a customised irrigation system for your orchard
- K-Line™ is easily moved by any quad-bike or farm vehicle
- K-Line™ is a low application rate system



The change to standard K-Line™ is a pop-up sprinkler with a low angle 9° trajectory, designed to ensure that crop foliage is not irrigated during normal irrigation, minimising disease and fungal growth during the growing season.

The options for orchard K-Line include: three sizes of K-Pipe™ – 32mm, 40mm and 45mm and four nozzle sizes for the pop-up sprinkler.

At full capacity, with pods 12m apart, a 180m x 12m strip can be covered at one time.

Using the largest of the four nozzle choices will apply approximately 5.5mm of water per hour, and the recommendation is to leave the system in place for up to four hours in each location.

An ideal solution when there is demand for an irrigation system that can be completely removed at time of harvest.

Plate Series	Plate Options	Recommended Nozzles	BAR				
			2.0	3.5	3.0	3.5	4.0
K4	K4 9° Purple Radius: 8.2-9.4mm Stream: Ht:54-79cm 	Yellow #13 Green #14	366 413	411 463	451 509	487 550	521 590
		1.5 2000FC	1.5 2000FC* nominal flow - 341 LPH				
		2.0 2000FC	2.0 2000FC* nominal flow - 454 LPH				
K5	K5 9° Orange Radius: 8.5-9.4mm Stream: Ht:58-86cm 	Tan #15 Dark Red #16	485 559	544 624	597 685	647 739	695 792
		2.5 2000FC	2.5 2000FC* nominal flow - 452LPH				

* Flow control nozzles are flow regulating within a flow range of no more than 3.5% greater and 8% less than the nominal flow

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K-Line™ Std Orchard Components



The K-Line™ irrigation range now includes the patented K-Line Karousels™, designed specifically for crops planted in rows – perfect for orchards.



The K-Line Karousel™ will enable lines of up to 120m to be turned around 90°. This practically means that a pair of these units will enable a line to be pulled out of one row then around the two turnstiles and back into another row.

Available in two sizes:-
the 1200mm to suit Std K-Line pods
and the 1800mm to suit the MID
and Std K-Line pods.

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