


IRRIGATION SYSTEM	FEATURES AND BENEFITS	CONSIDERATIONS WHEN DESIGNING AND SPECIFYING A SYSTEM
<p>Fixed sprinkler irrigation</p> 	<ul style="list-style-type: none"> • No machinery or heavy traffic required to manage system • Fully automated system hence very low labour requirements • Low instantaneous application rate, giving soil optimum opportunity to absorb the moisture • Very high uniformity should be achieved, optimising water usage • All areas of a paddock can be irrigated • Central control system allows easy collection of data for resource consents • Ability to isolate wet areas or spell paddocks if harvesting crops • Varying soil types can be managed by zone design • Nozzles can be easily removed if blockages occur • No major mechanical maintenance required • System components are easily sourced and can be repaired (no specialty parts required) 	<ul style="list-style-type: none"> • Sprinklers on raised posts may be an issue for contractors/operators • High initial capital cost for materials per hectare • Labour intensive for initial installation • Each lateral requires a flushing valve to remove any build-up of solids