

Easy-operation irrigator

Growers who don't need the high-level performance of its flagship model should be interested to hear of one of the newest additions from Bauer.

The ProRain has been developed to complement the higher-specification Rainstar range. It comes in two sizes covering many of the popular hose configurations favoured by UK growers. It can quickly be adapted to cover a wide range of flow rates and rain gun sizes.

Key features include: a self-loading rain gun trolley for rapid moves; hydraulic stabiliser leg operation; optional hydraulic turntable rotation; and a fully galvanised finish for components needing corrosion protection.

Sales manager Adrian Tindall says: "The ProRain is built to the high quality standards of Bauer. Its design is based on retraction forces that are lower than the Rainstar's, but still higher than competitor machines."

Field experience suggests the ProRain's water turbine drive maintains efficiency over a wide

range of flow rates, he says. Nonetheless, the company has made it as easy as possible to change injection cones to cater for a wide range of water flows.

This is a two-person job on some irrigators, involving unbolting heavy hoses at the same time as supporting them. But, on the ProRain, the operator releases two single-lever Bauer couplings and undoes four bolts to remove a flange giving access to the cone inlet to the turbine.

The reel is constructed with a closed inner drum to make sure that the first layer of hose sits correctly without distortion or overlapping, so that subsequent layers build up evenly.

The Bauer PE hose is known for its high quality and durability, an important consideration when a replacement hose can cost half the original price of the machine, Adrian points out.

The ProRain is operated using Bauer's Ecostar 4000S controller powered by a 12v battery with



The Bauer ProRain reel irrigator comes in two models with a choice of six hose diameter/length configurations.

solar panel charging. In addition to irrigation stop/start, it is used to set the hose retraction speed, which is displayed on a read-out.

The display also shows the time remaining until the end of the run and the length of pipe in use – calculated using sensors on the drive gearbox

rather than the pipe itself, to avoid errors caused by soil and other debris.

Individual water-testing of every ProRain irrigator means that dealers need have no fear that customers will be held up while their engineer spends time fixing leaks, says Adrian.

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