Project Case Study

GPS

Owner:	**M R Tizzard Ltd**	**LEADER Priority:**	**1: Support for farm productivity**
Location:	**West Dorset**	**Outputs:**	**1 new technique**
Project size:	**£21,585.00**	**LEADER Grant:**	**£8,634.00**
Start Date:	**April 2017**	**End Date:**	**May 2017**

This project enabled a dairy farmer to invest in 3 Global Positions Systems (GPS) that are fitted directly to three tractors. The GPS are linked to variable rate application monitors as part of a precision farming system; data is taken from a variety of sources and fed into the system and the variable rate monitor then adapts the amount of product being applied dependant on the needs of that specific section of a field. The benefits are two fold; firstly general efficiency is increased through precision application and automation and secondly there are environmental benefits. For example by only applying the specific amount of nitrogen required instead of using a blanket approach run off and leaching can be reduced. Likewise the GPS steering system reduces overlap and thus soil compaction.

The applicant expects productivity to increase by 5% as a result of the GPS, indirectly this will allow them to farm more acres efficiently thus spreading the overhead costs of the business

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