

NE AgriTech Project - Evaluation on new Technology

Technology assessed: **TePari Resolution Dosing Gun**

Used on cattle and sheep, for routine administrations e.g. wormer. The gun varies the dose to each animal based on its weight as measured automatically using the TruTest XR5000.

Criteria	Score (1-5)	Reason for assessment
Ease of Use	5	Very easy to use on cattle and sheep. When working with big mobs, it reduces strain on the hand when dosing compared to traditional dosing guns. The screen is very clear and easy to read.
Reliability	4	Battery has good life. It connects quickly and easily to the stock recorder for gaining animals weights and administering the correct dose. However, when using thicker wormers it does require frequent thorough cleaning to keep the seals from clogging.
Value – what are the benefits?		<ul style="list-style-type: none"> • All animals receive the correct dose based on their weight • Savings in wasting product and reduces resistance • Connects to the stock recorder • Easier on the operator
Any drawbacks?		<ul style="list-style-type: none"> • Seals don't feel as robust as a traditional dosing gun • Cost
Effectiveness – delivered what anticipated?	4	On the whole yes, a system which allows for the correct dose of product to be administered to each individual animal. Although it does require to be cleaned robustly often.
Value for money?	4	It is expensive at ~£950, but it does make dosing animals more professional, ensuring every animal has the correct dose.
Overall Assessment	4	A good tool, that connects to other farm software e.g. stock recorder, that allows animals to be treated individually and reduces the risk of wormer resistance on the farm. It is costly and the seals need cleaned frequently, which lets down the reliability of the tool.