New technolog te meteri

By GERALD PIDDOCK

drone technology used to collect A fledgling agri-tech company is looking for farmers to help it trial and monitor pasture data.

a farm. under the drone when flown over built multi-spectral camera fitted This data is captured by a US-

helping them manage their farms puters for immediate analysis, farmers' smartphones or com-It can then be sent straight to

more efficiently. The technology has been adop-

ented in a form for use by farmers. era and developed a way for its Haptly, which has taken the camted by Auckland-based company data to be extracted and pres-

and Nelson Shaw showed off the tnered with. of Vodafone which they have partechnology at Fieldays at the site Haptly co-founders Rab Heath

market in early 2017. Currently, released product will be fully flown. However, it hopes the the drones are being manually hopes to have a product on the its research and development and The company is still fine-tuning

automated.

mers to trial it and provide feed-back to go towards its finished Their next step is finding far-

that farmers want," Heath said. mers that are interested to reach out. We want to build something "We are really keen for any far-

of the investment needed from pany Altus Unmanned Aerial are built by Waikato drone com-Solutions. This reduced the scale farmers, who paid according to Haptly leased the drones which

options to find the best option for how large their farm was.

Shaw said they were exploring farmers to house the drone.

plate metering. to the time-consuming task of nology can provide an alternative Heath and Shaw hope the tech-

every time there was a fly-over, and allowed farmers to make more informed decisions. which increased farms' data sets The camera re-mapped the farm

and pests. early signs of pasture damage oped, they can be used to detect from grass grub and other weeds Once large data sets are devel-



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Nelson Shaw and Rab Heath want farmers to help them test and provide feedback for a camera they have developed that when attached to a drone, can be used to collect data on pastures.

aware of the issues farmers were drone to identify infestations. they hoped to be able to use the it was not an immediate priority. having with velvetleaf and while Heath said they were also

consumed. well as how much grass cows have know the dry matter content as paddock data that lets farmers using the technology to capture Their immediate focus was

The drone is primarily aimed at

applications for sheep and beef also interested in the technology's dairy farmers, but the pair are tarmers.

tions," Heath said. much money you make. If you can ture directly correlates to how ily, it creates all sorts of optimisaquality and quantity of your pasbetter manage that and do it eas-"For dairy, beef and lamb, the

mers at Fieldays where the drone Heath and Shaw spoke to far-

> available for demonstrations. and accompanying software was

manage farm inputs and optimise to their clients as a way to better ing consultants wanting to offer it farm performance. of interest, especially from farm-"We're encouraged by the level

needs," Heath said. and tailor it to farmers' specific to refine the technology further throughout Fieldays will help us "The conversations we've had