



# GATÚ

The good news from the field

ONLINE

## The use of unmanned aircraft (drones) in livestock



Photo: [www.eucaria.mx](http://www.eucaria.mx)

One of the main attractions of "Technology Shows" in Agroindustrial Fair Rondônia Rural Show in Ji-Paraná, state of Rondônia, Brazil, was the stand of a company specialized in marketing drones to monitor cattle's farm.

The use of on-board computers and micro cameras attached to inventions, can capture information and detailed images up to a meter of soil. It is a tool

that can help farmers and cattle man in managing their business, and is being called "precision livestock.»

The technique allows to know the end of each flight of the invention, since the amount of cattle are on pasture, included the breaking of a fence. These inventions enable the owner to monitor all administrative routines of a farm, from the pastures evolution, check the ambient temperature and amount of animals, maintenance of conditions of fences and stables, water levels in small spaces and monitoring calves.

The livestock of precision aims to reduce production costs, soil contamination, water and increased productivity. Aerial images of high resolution, digital terrain elevation models and maps in the infrared spectrum closed (NIR), they are increasingly used in the segment.

With the use of drones is also possible to produce high-resolution images without the dependence on satellite availability, allowing this activity only once every 15 days, if the weather is not cloudy. The producer or farmer can get pictures of their crops, livestock and large surfaces at any hour or day, depending on just a good time for aerial shots.

With the capture of photos and videos in high definition, flying between a meter and 300 meters high, you can inspect, review and monitor all points of your property with real-time of information, including a lower cost, and perform with greater ease prevention and pest control in the areas of cultivation and pastures.

Source: Government of Rondonia.

Summarized and Adapted by Marangatú Seeds

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