Animine shares its latest research on calibration of AniGun tool

Animine scientific team participated in the "Sustainable Forages for Net-Zero in Livestock Production" meeting and presented "Evaluation of forages mineral composition with a new portable device". According to Animine, this event, held in London, was the right moment to present Animine latest research outcomes on the calibration of the new AniGun® tool, based on the X-Ray Fluorescence technique.

"One of the main limitations in precision formulation is that forages are extremely variable in mineral content and can contain antagonists that reduce the availability of some minerals (i.e. Cu, S, Mo and Fe). A quick and accurate assessment of the macro (P, Ca…) and micro-mineral (Zn, Cu, Mn…) composition in the ingredients of the ration is also extremely important to avoid nutritional imbalances, economic losses, and environmental impacts. For these reasons, Animine set the goal of providing analysis of minerals in forages with a portable device, usable on the field. For the calibration, samples of forages (grass, hay and grass silage) were collected. Forage macro and minerals mineral content was directly determined by AniGun®, and in parallel, samples were analyzed by wet chemistry technique (ICP-AES) in the INRAE lab," Animine said in a statement.

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CCPA prepares animal nutrition industry for high heat with new solutions

CCPA Group, specializing in animal nutrition and health, announced that it developed the THERMO® range, nutritional solutions specific to each species, to be used in preventive or intervention, and digital solutions to anticipate and better manage the impact of high temperatures.

The company drew attention to the high heat in its statement: "Earth just had the eight warmest year on record and in 2022 Europe recorded its hottest year. This climate has not been without consequences on the animals. Thus, in a single day of July in the West of France, the regional renderer Secanim collected 1 500 tonnes of poultry from 130 farms. In pigs, a decrease of 0.83 kg in slaughter weight was observed over the summer months compared to the same period in 2021. In dairy cows, the loss was estimated at 107 kg/month/cow from June to September. The year 2023 has already started with temperature records and official bodies predict an even hotter summer than 2022. Faced with this, it is essential to set up a complete feeding and livestock management strategy to ensure their thermal comfort, support breeding performance and ensure the income of the farmer."

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