CURRENT CHALLENGES IN ANIMAL NUTRITION

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Abstract

Nowadays, globally we face many important issues related to animal nutrition. The interest is not only in a proper nutrition in terms of animal physiology and valorization of their genetic potential, but also in achieving many other goals. Of course, the efficiency of transforming food into the higher possible animal production with minimal costs remains a basic idea, and is why nutritional requirements are continuously improved, also working to increase digestibility and improving the feeding optimization programs. But aspect such as new raw materials as feed sources, the quality of the obtained products, feed and food safety, soil and water management, reducing environment pollution and influence on climate change, animal welfare and others are also very important. The applied use of modern and new techniques such as biotechnologies and expansion of automatics and robotics, including through the use of AI will certainly be helpful.

Key words: *animal nutrition, challenges, quality, efficiency, safety, sustainability*