



MICOALGA-FEED

GRUPO OPERATIVO SUPRAAUTONÓMICO

REDUCTION OF ANTIBIOTICS IN LIVESTOCK FARMING THROUGH A NATURAL ORIGIN FOOD BASED ON THE USE OF FUNGI AND ALGAE



STARTING POINT

When an animal is ill, it is treated with antimicrobials

Economic losses for the livestock sector

Possible generation of bacterial resistance

Society demands healthier and more sustainable food

It is necessary the development of alternatives to the use of treatments



OBJECTIVE

To reduce the use of antibiotics in broiler growing farms through the antibiotic, immunomodulatory and anti-inflammatory capacity of the fungi and microalgae selected



HOW?



MICROALGAE

Microalgae biomass performs beneficial biochemical and physiological functions such as growth promotion, or antioxidant and anti-modulation functions



FUNGI

Some fungi have high antioxidant capacity, improve animal welfare and increase production performance



WHERE WILL BE THE PROJECT DEVELOPED?



RESULTS

MICOALGA-FEED will develop new poultry feed formulas supplemented with fungi and microalgae, which will have an inhibitor and/or antimicrobial effect, reinforcing local immunity and benefiting saprophytic intestinal flora



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