

Organofuel Sweden receives very promising results in our study on the safety of use of Capsaicin in animal feed

Each year, over 100.000 tons of antibiotics are used in animal farming world wide. This must be reduced to avoid the spread of antibiotic resistance in our society. UN and WHO predicts that antibiotic resistant diseases could cause 10 million deaths each year by 2050 and damage to the economy as catastrophic as the 2008-2009 global financial crisis. This means that by 2050, more people will die from antibiotic resistance than from cancer. WHO recommends all countries to urgently phase out the use of antimicrobials as growth promoters in agriculture.

A natural non-antibiotic substitute is needed to solve this challenge. One component with proven potential for improving animal health and reducing the use of antibiotics in animal farming, is the substance Capsaicin found in chili pepper. However, today it is difficult to produce this substance industrially, and today's processes are unsustainable and lead to an impure and low-quality product.

Organofuel has developed a new patented sustainable process for producing high quality pure Capsaicin by catalytic conversion of renewable raw materials. In the beginning of 2020 Organofuel received a 900 000 SEK grant from Vinnova to fund studies to prove that the use of Organofuel's Capsaicin in animal feed is safe. Now, the first stage of the major study needed to show the safety of our product is very close to the end and results so far is very promising. We're looking forward to the next step in this process and will communicate our progress throughout 2021.

Organofuel Sweden AB is a world leading innovative company that is changing the world with green technologies. Organofuel has a comprehensive, international patent portfolio covering efficient and sustainable production technologies based on optimal combinations of novel catalytic processes. Our aim is to solve today most important challenges in society. We want to remove the need for use of antibiotics in animal farming to save the world from the millions of deaths that a continued use of antibiotics in this industry will lead to. We want to revolutionize how the world's most important intermediate for pharmaceuticals is produced into a resource efficient and sustainable process to enable a green pharmaceutical industry. We want to make the world most used natural flavor and fragrance accessible for everyone by implementing our green process to produce it sustainably and at low cost from abundant biobased ingredient. On top of this we are already on the way to commercialize Organofuel's unique and patented process for sustainable biofuels for cars, trucks, and airplanes, so that people can travel and transport goods with a clean and green conscience.

