



CVT VALORISATION SUD

Agrofood & Nutrition

Essential oil of lemon rind as a growth promoter in poultry industry

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Technology's description

Growth promoters and antibiotics are used in poultry farming to reach production targets.

Overuse of antibiotics in the medium and long-term leads to bacteria resistance which infects chickens and could be transmitted to final consumers.

To respond to this health issue, poultry industry has to find a natural solution to reduce the use of antibiotics.

As an alternative solution for antibiotics, IRD research team, a Peruvian university and a private poultry group in South America have developed a method which incorporates the essential oil lemon extracts in poultry feed.

Advantages

- Reduction of antibiotic use
- A natural growth promoter as an alternative to the antibiotics growth promoters
- Reduction of chickens mortality
- Improved appetite

Intellectual property

Patent

Development level

Technology validated in relevant environment



Applications

- Poultry industry

Technology transfer

- License
- Know-how

