



A SOLUTION TO SAVE COSTS IN BROILER DIETS WHILE MAINTAINING PRODUCTIVE PERFORMANCE

The drastic increase in the price of raw materials aggravates the many challenges that the poultry industry faces in achieving profitability.

The poultry industry faces many challenges to obtain profitability, nutrition is the variable with the greatest impact, since **feed costs represent around 70% of the total costs of broiler production**. This means that the cost of the diet is constantly examined and considered an important point in decision making.

Currently, the drastic increase in the **price of raw materials makes worse the difficulty in reducing feed costs**. Nutritionists must constantly evaluate alternatives that can reduce feed costs without affecting maximum profitability and identify effective strategies to optimize their cost, while maintaining the highest possible efficiency, thus guaranteeing the profitability of the farm.

From a nutritional point of view, **energy, which is essential in feeding broilers**, represents one of the largest parts of the cost of the poultry diet. Energy can be found mainly in cereal grains

(carbohydrates), oil or fats, with the energy content in oils and fats being about 2.25 times higher than that of cereals.

IGUSOL ADVANCE has developed **SOLERGY**, a **source of nutritional energy** that makes it possible to reduce the costs of diets in animal production and therefore increase profitability, while maintaining production parameters.

SOLERGY is a combination of gluconeogenic and phytogenic compounds with a powerful effect on the energy metabolism of the animal, which **allows the reduction of the traditional contribution of energy to the diet**.

In broilers it is used as **an alternative to the formulation with fats or oils**. Numerous studies and successful field experiences have shown the profitability of using **SOLERGY as an alternative energy source in broiler diets**.

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SUMMARY OF RESULTS OF FAT SUBSTITUTION BY SOLERGY IN BROILER

IGUSOL has evaluated the replacement of different amounts of fat by **SOLERGY** in the diet of broilers in each of the production cycles. Demonstrating after numerous studies and successful commercial experiences the profitability of this alternative energy source in broiler diets.

The use of SOLERGY does not change the data on feed consumption, weight gain or mortality.

However, it has been found that fat substitution can be carried out at different levels depending on the age of the broilers. By considering three different phases on broilers production, the following optimal substitution levels can be obtained:

In **PHASE 1**, a substitution of up to 25 kg/t of fat added to the diet can be carried out without changing the growth rate of the bird and maintaining the productive parameters.

In **PHASE 2** with a replacement of fat up to 15 kg/t of feed, cost savings are increased while maintaining production parameters.

In **PHASE 3**, the replacement of up to 10 kg of added fat per ton of feed maintains production parameters while providing significant economic savings.



Diet cost savings



Growth rate does not change



Maintains productive parameters

Estimated savings per cycle thanks to the inclusion of SOLERGY as a substitute for part of the fat in the diet in a farm with 100,000 broilers

SAVINGS = 10,000 euros/cycle.

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