



## SAVING in the diet of laying hens MAINTAINING THE PRODUCTIVE PARAMETERS

*The Food and Agriculture Organization of the United Nations has forecast that feed costs could soar a further 22% as Russia's invasion of Ukraine stifles trade and cuts future harvests.*

The world prices of the main raw materials for animal feed have experienced a spectacular rise in the last year, reaching the highest level of the last seven years **with increases between 20% and 50%.**

This implies a significant increase in animal production in general and poultry production in particular.

**IGUSOL ADVANCE** has developed an alternative that makes it possible to reduce the costs of diets in animal production to mitigate this increase.

**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 laying hens it is used as an alternative to the formulation with fats or oils.

**SOLERGY** allows the total or partial substitution of fats at the rate of:

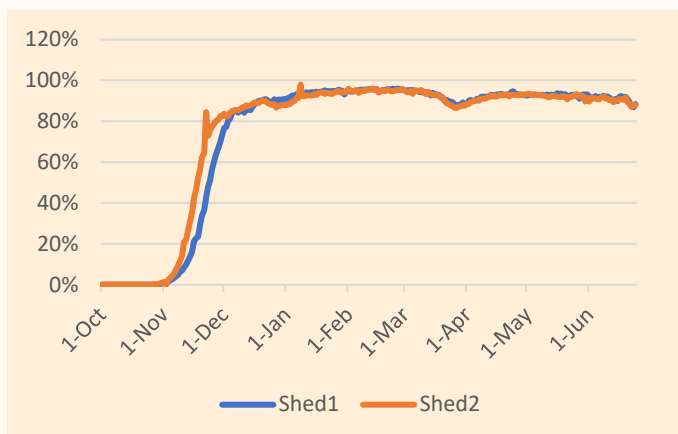
**1 kg of SOLERGY for every 10 kg of oils or fats.**

In order to validate the use of **SOLERGY** in laying hens as an alternative to oils, a series of tests have been carried out both in research centers and in private companies.

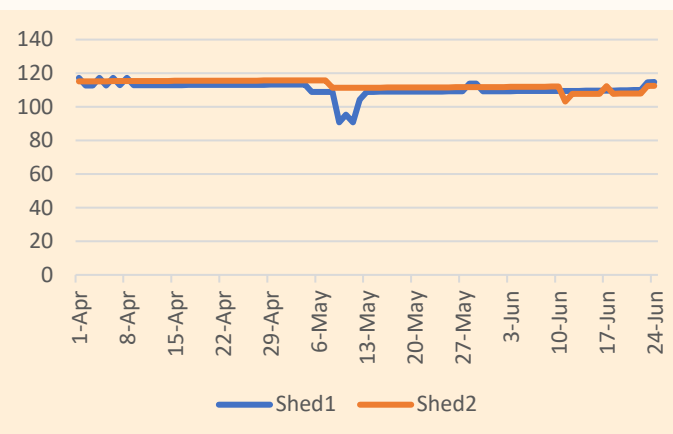
The different studies carried out have validated that the energetic substitution of dietary fat with **SOLERGY** at a rate of 1 kg of Solergy per 10 kg of oils or fats manages to maintain the productive parameters.

*Example of results of substitution of 12.5 kg of fat for 1.25 kg of Solergy + rice trimmings in a commercial farm for laying hens. Test carried out in two shed, one with the usual diet (Shed 1) and another with substitution of dietary fat by SOLERGY (Shed 2).*

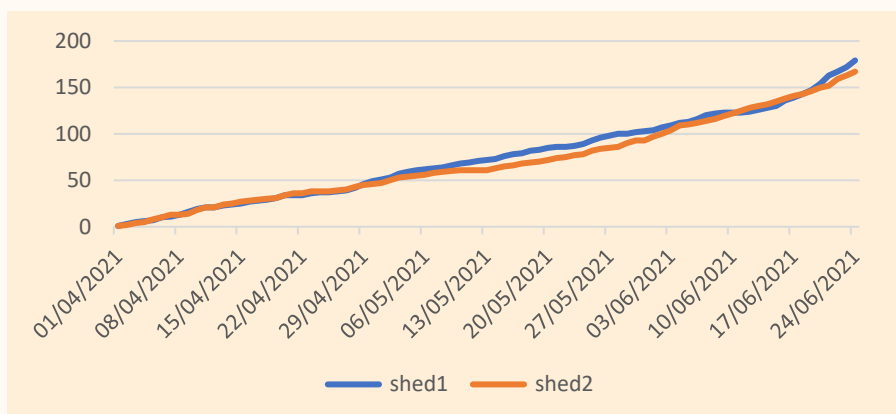
### EGG LAYING %



### FEED INTAKE LEVEL



### CUMULATIVE MORTALITY



The replacement of fats by **SOLERGY** has maintained the same parameters:

- % egg laying
- Intake level
- Death rate.

The results obtained allow us to guarantee the efficacy of replacing dietary fat with **SOLERGY**, which in this trial represented **50% of the total fat in the diet**.

**SOLERGY** in addition to effectively replacing the fat or oil that was being used in the diet with an adequate level of energy intake, **allows a reduction in its cost**, depending on the formulation and the cost of raw materials, **from 5 to 10 \$/ton**, without affecting the production of the hens.