



## Butirex C4 improves economic performance in broiler chickens

The aim of this trial was to test the effect of different available butyric sources, including BUTIREX C4 on zootechnical and economic performance. The results show that all butyric sources added in the diet improved feed efficiency of the broilers from 0 to 42 d of age, and the use of BUTIREX C4 obtained the optimum economic performance.



### Method and Material:

- The trial was carried out by UTAD – University of Trás-os-Montes e Alto Douro (Portugal) in 2017.
- **400 one-day old Ross chicks** were distributed in 40 pens (10 birds/ pen) and 8 pens per treatment.
- The feeding program: 5 type of diets (from 0 to 9 d, 10 to 17 d, 18 to 23 d, 24 to 35 d, and 36 to 42 d). Diets were in mash form.
- Treatment: addition of different available butyric sources (Doses: at the commercial recommendation):
  1. Negative Control (without butyric source)
  2. Product A
  3. Product B
  4. Product C
  5. BUTIREX C4
- Measurements:
  - ✓ Individual BW of the broilers
  - ✓ Feed disappearance by replicated, at the end of each feeding period
- Estimations:
  1. Productive (DFI, DWG, and FCR, by period and cumulatively)
  2. Economic performance (income, cost, and benefit; €/broilers)

Results:

**BUTIREX C4 improves productive performance**

(From 0 to 42 d of age)



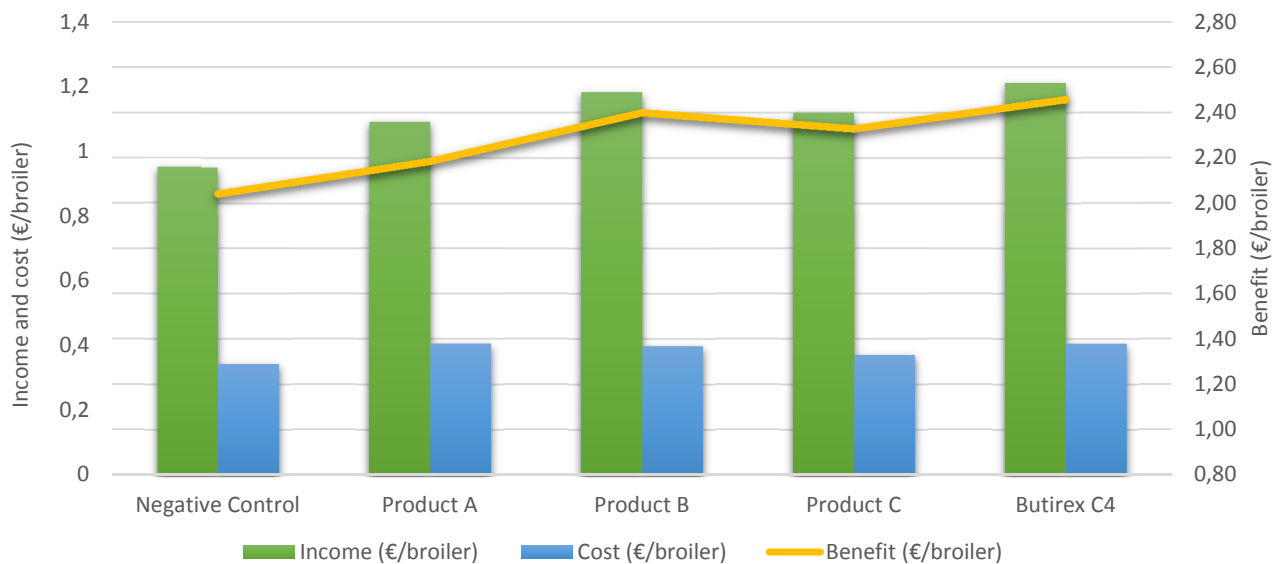


## Did you know...?

- Butirex C4 promotes intestinal health and develops the intestinal absorption
- Butirex C4 increases the production of enzymes
- Butirex C4 improves nutrients digestibility

Results:

**Butirex C4 improves economic performance**  
(at the end of the trial)



## Conclusions:

- All butyric sources increased feed intake and growth and improved feed efficiency from 0 to 42 d of age, according to the improvement of the nutrient digestibility  
→ Specifically, broilers fed **Butirex C4 had higher weight gain** than broilers fed other butyric source.
- Therefore, broilers fed with butyric diets shown more cost but also more benefit per broiler than broilers fed control diet. In this respect, broilers fed **Butirex C4 had greater economic benefit** than broilers fed other butyric source.

Do you want to know more?



butirexC4.net

