



## Butirex C4: improving performance and prevents diarrhoea

### Main objective: performance and diarrhoea incidence of post weaned piglets that were fed with Butirex C4

- Brazil, 2020
- 800 weaned piglets (21 days and 6.69 kg BW)
- Control group
- **Butirex C4** (at **3 kg** from 21- 28 d of age, and **2 kg/ton** from 28- 63)
- Feeding: 21- 35 d (prestarter), 36-49 d (starter feed I), and 50-63 d (starter feed II)
- Performance. **Diarrhoea incidence** (1- firm, 4- watery) showed as % of day by score



#### Butirex C4 increases growth

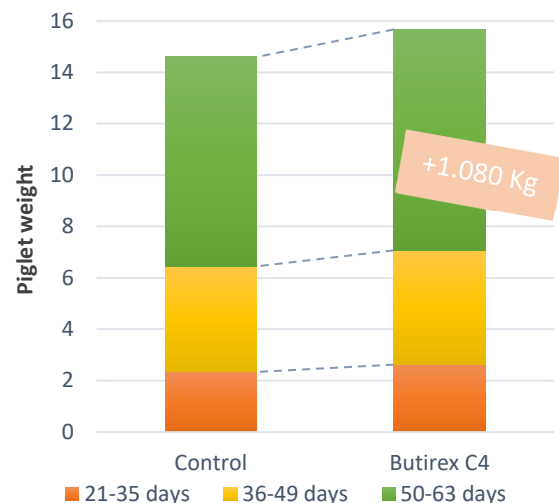
- Piglets eating **Butirex C4** grow more than control in all periods (**+820g**)
- The weight increase is greater in the early stages (especially in **prestarter**)

	Control	Butirex C4	
<b>ADG 21 - 35</b>	163	170	4.29%
<b>ADG 36 - 49</b>	289 b	317 a	9.69%
<b>ADG 50 - 63</b>	589	611	3.74%
<b>ADG GLOBAL</b>	347 b	373 a	7.49%

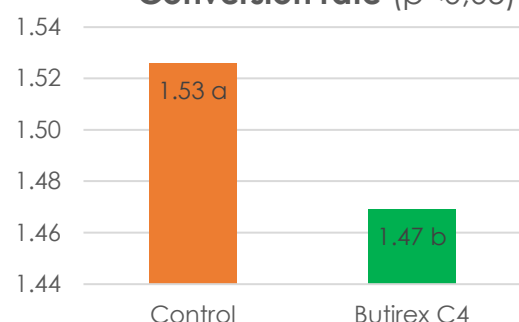
#### Conversion rate

- **Feed conversion** was better with Butirex C4 than control group (**-3.74%**)

#### Weight gain



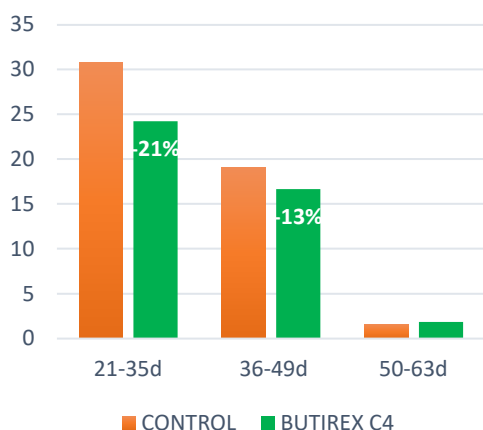
#### Conversion rate (p<0,05)



## Diarrhoea Incidence

- In the first two weeks of weaning, Butirex C4 group has lower **diarrhoea index** than control group (-21%)
- In the second phase (35-49 days), digestive pathology continues to be lower in the Butirex C4 group (-13%)

## Diarrhoea index



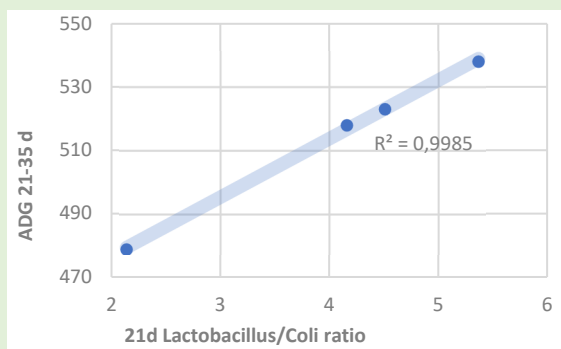
Quality of faeces is measured daily (1- firm to 4- watery)

The diarrhoea index= score 3 + 4

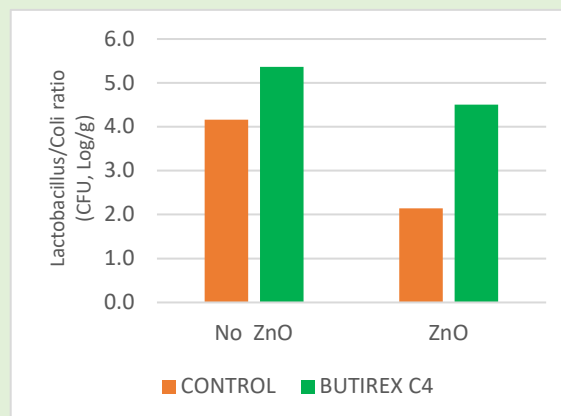
## Did you know...?

Piglet growth depends on the quality of the intestinal microbiome

*"The higher Lactobacillus/coli ratio, the higher daily gain in the next phase"*



And this ratio increase using diets supplemented with Butirex C4



Source: Novation 2002, carried out in Spain, 2018

ROI 3.8: 1

Do you want to know more?



butirexC4.net

The use of Butirex C4 after weaning improves performance (FCR, growth) and health

The reduction of diarrhoea gives the piglet better animal welfare, with a lower production cost