



# BUTYL<sup>in</sup>® 54

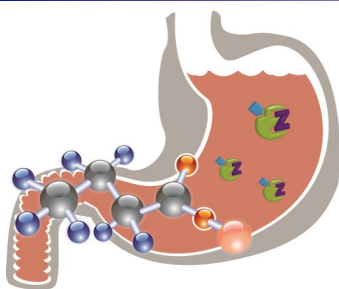
## DEFINITION

- 54% of sodium butyrate and its buffer factors
- Strong proportion of butyric acid (active form) in the organs (intestines and stomach)

## TARGET

- Cattle

## BENEFITS



The effects of BUTYL<sup>in</sup> 54 are due to biological actions of the Butyrate and others buffer factors.

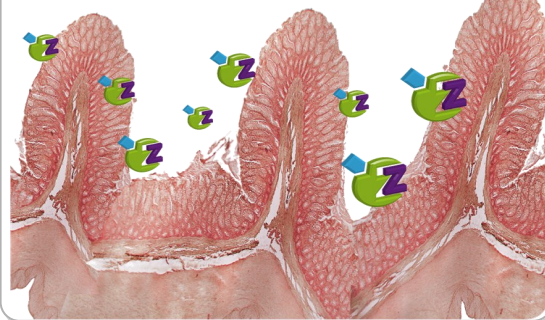
BUTYL<sup>in</sup> 54 allows a better stimulation of exocrine functions of the stomach: acidification and enzymatic production.

BUTYL<sup>in</sup> 54 is a stimulant of intestinal development, increases the surface and the quantity of the absorption sites, increases the enzymatic production of enterocytes.

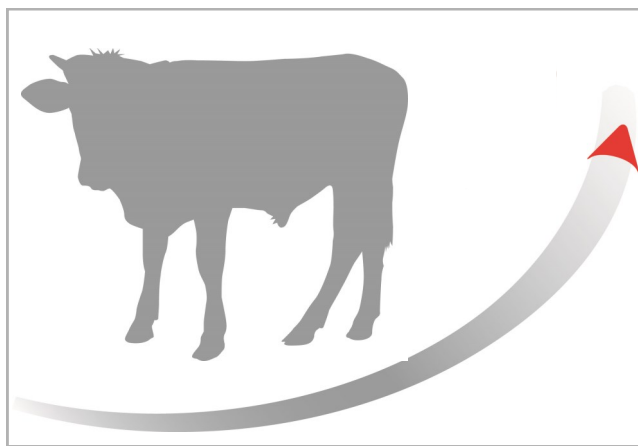
Control



BUTYL<sup>in</sup> 54



Increased villous height and thickness of the layer of slime on the jejunum and the ileum.



### BUTYL<sup>in</sup> 54 promotes:

- Precocity of digestive maturity
- Reduction of early sanitary risks
- Improvement of Feed Intake
- Increase of ADG and milk production



# BUTYL<sup>in</sup> 54

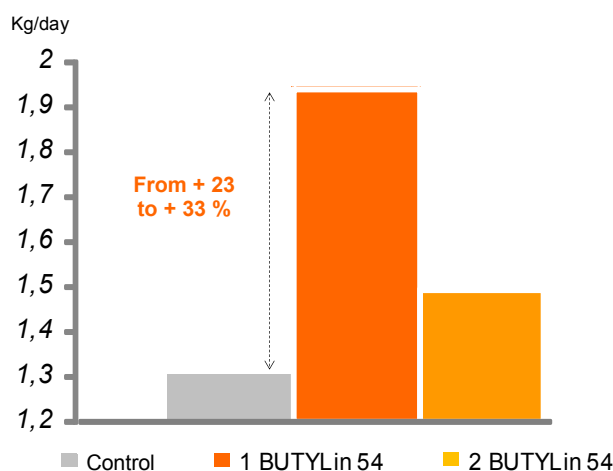
PRODUCT DATA SHEET

Group 1 (young calves Blonde d'Aquitaine of 5 to 6 months old): the fattening period is 103 days and **BUTYL<sup>in</sup> 54** is incorporated during 103 days (100% of the fattening's duration).

Group 2 (55 young calves Blonde d'Aquitaine of 5 to 6 months old): the fattening period is 152 days and **BUTYL<sup>in</sup> 54** is incorporated during 103 days.

Those results are compared with a control batch (without supplementation).

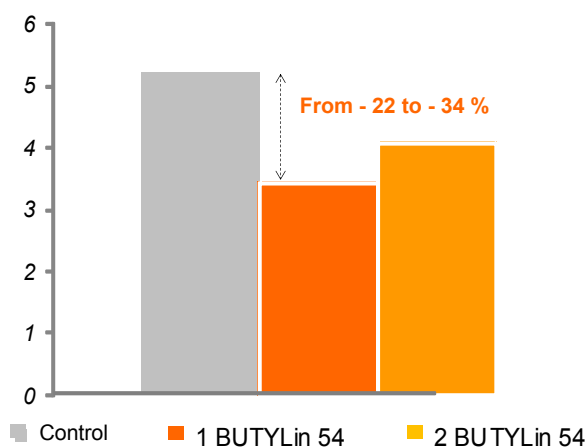
## CALVES: Daily Body Weight Gain



Increase of the daily Body Weight Gain:

Between + 23% and + 33 %

## CALVES: Feed Conversion Ratio



Reduction of the Feed Conversion Ratio:

De - 22 % à - 34%