

ANIMAL BLOOD PRESERVED BY BACTERIAL COMPETITION AND ITS USE IN PIG FEEDING
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In this test it has been studied the possibility to replace in pig feeding soja oil-cake by liquid animal blood in total proteine equivalent.

The bovine blood used is gathered in the abattoir on sodium citrate and immediately mixed with a suspension of *Lactobacillus plantarum*, *Streptococcus lactis*, *Streptococcus faecalis* and *Streptococcus faecium* (Product ABC Special Blood R.P. Soulès & Cie). The preparation is preserved in containers at ambient temperature.

At the use time, the feed-blood is mixed with lacteous serum as the following feeding plan :

FEEDING PLAN

| FEED RAW MATERIALS | TEST | CONTROL |
|---|-------------|--|
| Silage of wet corn's grain at 34 % of humidity | 161,40 kg | 154 kg |
| Lacteous serum at 56-58 g/l of dry matter | 1.012,56 l. | 784 l. |
| Nitrogenous concentrate (+ minerals and vitamins) | 0 | 65 kg (50 kg soja oil-cake 48 % (15 kg mineral compound, vitaminized + lysine + methionine |
| Porciphos Corn (mineral concentrate + vitamins) | 14,78 kg | 0 |
| Feed Blood | 77,83 l. | 0 |

ZOOTECNICAL RESULTS

| | TEST WITH FEED-BLOOD | CONTROL |
|-------------------------------|----------------------|------------|
| Number of pigs | 201 | 3.500 |
| Total alive weight | 19.015,38 kg | 364.000 kg |
| Hot carcass medium weight | 77,64 kg | 82,16 kg |
| Hot carcass produce | 82,13 % | 79 % |
| Growth period | 100 days | 112 days |
| Medium daily take weight | 687 gr. | 616 gr. |
| Coefficient of transformation | 2,99 | 3,35 |

Zootecnical results are favourable to feed-blood.
 The meat qualities are better.
 The economic profit is high.