



## Aim

The Netherlands 2011

The effect of Lianol colostro was examined at the test center Sterksel; the official test center of Wageningen University.

## Material & Method

Tempo beer x (Yorkshire x Dutch landrace) sow.

Weaning on 27 days.

Iron injection received and tail docked.

The control group received tap water as a placebo. For the rest, treatments were identical.

## Results

	Control	Lianol colostro
Number of piglets	246	242
Number of deceased piglets (%)	44 (17.9%)	35 (14.5%)
Deceased piglets with birthweight $\leq$ 1.2 kg	30 (12.2%)	22 (9.1%)
Deceased piglets with birthweight $>$ 1.2 kg	14 (5.7%)	13 (5.4%)
Daily growth (g/d): Birth until day 4	140	145
Immunoglobulines (IgG) content (mg/ ml)	26.4	30.8

## Conclusion

Due to the use of Lianol colostro, the mortality rate in the farrowing pen decreased by 3.4%.

Lianol colostro had the greatest influence on piglets that were lighter than  $<$ 1.2 kg.

## Economic results

**Cost:** 242 piglets x 2ml = 2 bottles: 2 x € 32 = **€ 64**

**Revenue:** 8.2 piglets more x € 20 = **€ 164**

Std. farm with 500 sows - PN: 29 - FI:2.3 - Mortality14%.

**Costs/year** = 16.860 x €0 .25/piglet = **€ 4.215/year**

**Revenue/year** = 3.4 x € 9.31\* x 500 = **€ 15.827/year**

\* 1% less mortality in farrowing stable is € 9.31 / present sow: source WUR (Wageningen University Research)

PN: produced piglets per sow per year

FI: farrowing index