



## Aim

The Netherlands 2007

Trial to proof the added value of Lianol solapro mixed within the lactation feed at a ratio of 1 kg/mTon.

The aim is to improve the fertility of the sows in the next cycle. This is done by limiting the condition loss of the sows in the farrowing pen. This application can be compared to administering the Lianol fertibolus around weaning.

## Material & Method

The results of 60 farms and 19963 sows were analysed from January 2007 till March 2007.

The results of these farms are compared with the historical results of the same farms a year earlier. (The period January 2006 - March 2006 when there was no Lianol within the lactation feed.)

## Results

	Control period	Lianol period
Number of piglets born alive/litter	12.5	12.9
Mortality in farrowing pen (%)	13.0	12.4
Number of weaned piglets/litter	10.8	11.2
Reservices (%)	7.1	6.6
Number of weaned piglets/sow/year	26.2	27.4

## Conclusion

The positive effects of 1kg/mTon Solapro in the lactation feed are clearly noticeable. The number of weaned piglets per year per sow increased by 1.2.

## Economic results

Suppose: std. farm with 500 sows - PN: 29 - FI: 2.3 - Mortality 14%.

### **Costs/year: € 3.500/year**

1 kg = € 20. -1 sow eats +/- 350 kg of lactation feed/year: 350 x 500 x 1 kg/mTon x € 20

### **Revenue/year: € 15.493/year**

+0.4 L.B. = € 63.5\*/sow x 0.4 x 500 = € 12.700

-0.6% mortality = 0.6% x € 9.31\* x 500 = € 2.793

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

\* 1.0 higher litter size is € 63.5/sow: source WUR (Wageningen University Research)

PN: produced piglets per sow per year

FI: farrowing index