

- Lianol® Colostro increases the IGF-1 level -

Tab. 1: IGF-1 ng/ml D4 (A)/ D 25 (B)/D 21(C)

	Control	Lianol®	P-value
A	86,60 ± 39,92	155,88 ± 78,52	< 0,05
B	117,88 ± 45,6	242,34 ± 56,0	< 0,05
C	100,3 ± 11,15	137,6	< 0,05

A) Effect of feeding a fermented potato extract protein on piglet growth and immunity - Faculty of veterinary science, Mahidol University, Salaya campus, Nakhon Pathom 73170 Thailand - 2016 - *Tuempong Wongtawan*

B) A comparative study on the effect of pro-metabolic regulator (Lianol® Colostro) on weight gain and IGF-1 levels pre-weaning between lower and normal birth weight piglets - Faculty of veterinary medicine, Kasetsart University Thailand - 2012 - *Poolperm et al.*

C) Effect of oral supplementation with different energy boosters in newborn piglets on pre-weaning mortality, growth and serological levels of IGF-1 and IgG - Faculty of veterinary science, Chulalongkorn University, 10330 Bangkok, Thailand - 2017 - *Muns et al.*

- Lianol® Colostro increases the survivability of small piglets -

Tab. 2: Mortality piglets (%)

	Control	Lianol®	P-value
A	13,6	6,1	< 0,05
B	17,9	14,5	< 0,06
C (On day 1 before fostering)	7,1	2,1	< 0,05

A) Effects of oral supply of nutritional supplements on survival and growth of low birth weight piglets (1000-1225 g) - Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil - 2015 - *Kummer et al.*

B) Fermented potato protein enhances immunoglobulin levels and reduced pre-weaning mortality in piglets - Wageningen UR Livestock Research - 2011 - *Smulders and Kanora*

C) Effect of oral supplementation with different energy boosters in newborn piglets on pre-weaning mortality, growth and serological levels of IGF-1 and IgG - Faculty of veterinary science, Chulalongkorn University, 10330 Bangkok, Thailand - 2017 - *Muns et al.*

- Lianol® Coloastro lowers the mortality of piglets due to malnutrition -

Tab. 3 : Mortality of piglets due to malnutrition (%)

	Control	Lianol®	P-value
A	9,2	4,9	< 0,05
B	2,05	0,22	< 0,05

A) Effects of oral supply of nutritional supplements on survival and growth of low birth weight piglets (1000-1225 g) - Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil - 2015 - *Kummer et al.*

B) The effect of supplying Lianol® Coloastro to newly born piglets: mortality and additional needs for drugs - Suivet snc veterinary Italy - 2014 - *Scollo et al.*

- Lianol® Coloastro increases the IgG level -

Tab. 4: IgG level (mg/ml) D4

	Control	Lianol®	P-value
A	26,4	30,8	< 0,05

A) Fermented potato protein enhances immunoglobulin levels and reduced pre-weaning mortality in piglets - Wageningen UR Livestock Research - 2011 - *Smulders and Kanora*

- Lianol® Coloastro lowers drugs usage -

Tab. 5: Active substance (mg)/ piglet till weaning

	Control	Lianol®	P-value
Antibiotics	13,5	2,2	< 0,05
Anti-inflammatory	2,1	0,05	< 0,05

A) The effect of supplying Lianol® Coloastro to newly born piglets: mortality and additional needs for drugs - Suivet snc veterinary Italy - 2014 - *Scollo et al.*