

PIDOLin[®] PCa

Top dressing 300g PIDOLin PCa per tonne of feed from 1 week before farrowing to weaning:



Reduces farrowing time by 25%



Increases piglet weight by 0.6kg at weaning



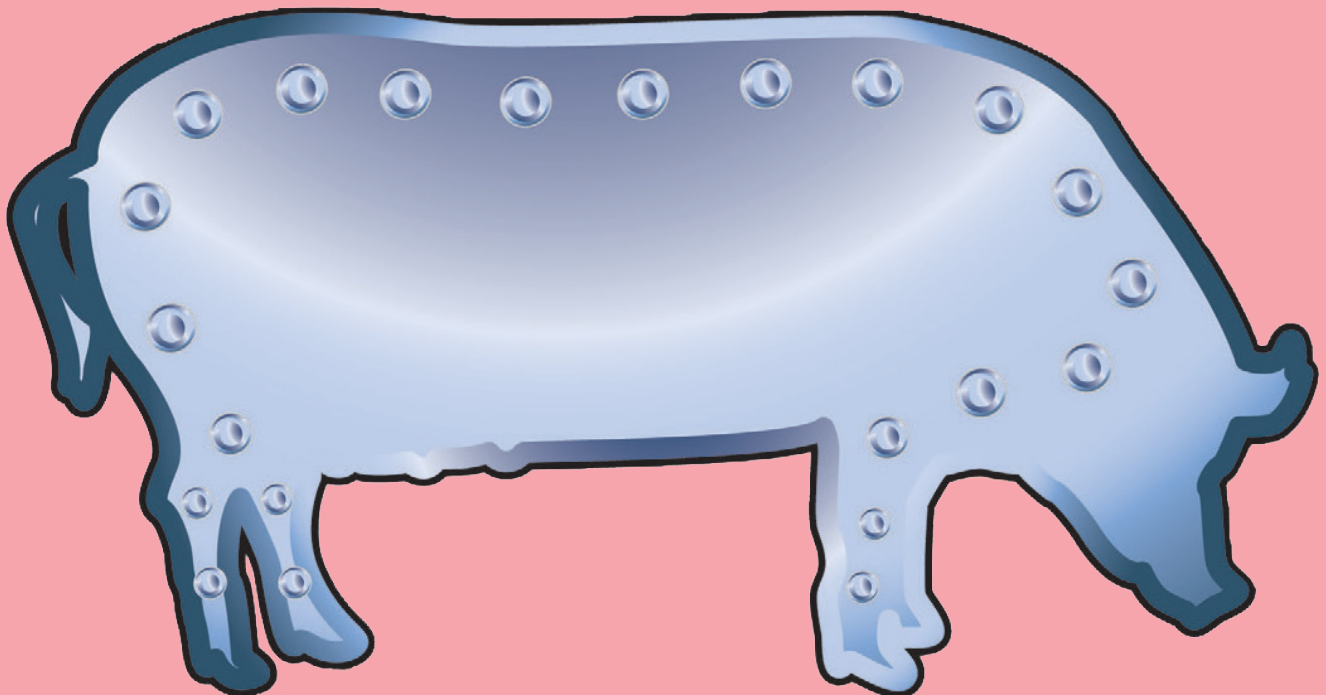
Reduces oestrus interval by 20 hours



Reduces lameness



Increase earning per sow per year by £10



Calcium pidolate in pigs – how does it work?

PIDOLin PCa® is better known for its use in poultry in the UK, particularly for its eggshell strength benefits during late lay, but it is also extremely effective in pig nutrition.

Fed for one week before farrowing, until weaning, as a top dressing on sow feed, it increases the sow's muscle tone, thus cutting down farrowing time and reducing mastitis.

In trials, it demonstrates a reduction in lameness because it restores collagen in joints. It increases uniformity in piglets at birth and weight at weaning because of better skeletal development and muscle lay-down.

With shorter farrowing time, and greater uniformity, the sows are more relaxed. There is significant reduction in manual intervention to assist farrowing (71%) and a 25% reduction in oxytocin injection, which can be applied later.

There is less placenta retention and also a cleaner uterine matrix. Finally, it reduces the oestrus interval by nearly 24 hours. In trials, the extra earning per sow per year is an average of £10.



Farrowing

- Reduction of 55 minutes in farrowing time
- Reduction in stillborn piglets of 83%
- Increase in blood calcium of 15% = reduction in risk of hypo-calcaemia

Piglet Growth

- Increase in ADG of 30g/piglet/day
- Increase of 600g/piglet at weaning

Weaning

- Oestrus interval reduced from 5 days to 4.2 days (20 hours)

**PIDOLin PCa® is available from AgriFeed UK.
Call Greg Dunn on 01206 381521 or 07801 308054**





PIDOLin[®] PCa

Effects of PIDOLin PCa on farrowing and weaning criteria on sows

ESSAI PCa Truie KOREA
V01 2018

TRIAL ON SOWS

OBJECTIVE

To test the effect of **PIDOLin PCa** on the behaviour at farrowing and zoo-technical performances in early stage.



DESCRIPTION OF PROTOCOL

Trial realized by DIETAXION/TERAFEED in a farm of 112 sows in Korea [2017]
78 sows being about to farrow, divided into 3 groups:

- Control group: 47 sows
- **PIDOLin Pca** group (fed with 300 g/T from 7 days before farrowing to weaning): 31 sows

Experimental conditions were the same in 2 groups : genetic, feed, lightening, temperature, moisture, litter....

RESULTS

Zootechnical performances			
	Control	PIDOLin PCa	Improvements with PIDOLin PCa
Lactation rank	3,79	4,12	
Farrowing time / piglet	22 minutes	20 minutes	-2 min / piglet
Nb born piglets			+0,5 / litter
Piglet weight at birth	1,4 kg	1,55 kg	+ 150 g /piglet
Uniformity			More uniform
Recovering time for sow			Shorter
Welfare			Sows more relaxed
Nb of action to put the hand to get the piglets	7	2	- 71% operation to extract the piglets
Nb Oxytocin injections	0,74	0,55	-25 %
When oxytocin applied			Later
Retention of placenta			Less retention of placenta
Quality placenta			Cleaner uterine matrix

A faster farrowing with PIDOLin Pca → Better performances and better welfare for piglets and sows





PIDOLin[®] PCa

Effects of PIDOLin PCa on farrowing and weaning criteria on sows

ESSAI PCa Truie VIET V01 2017

TRIAL ON SOWS

OBJECTIVE

To test the effect of **PIDOLin PCa** on the farrowing time, hypocalcemia status and the litter weight at weaning.



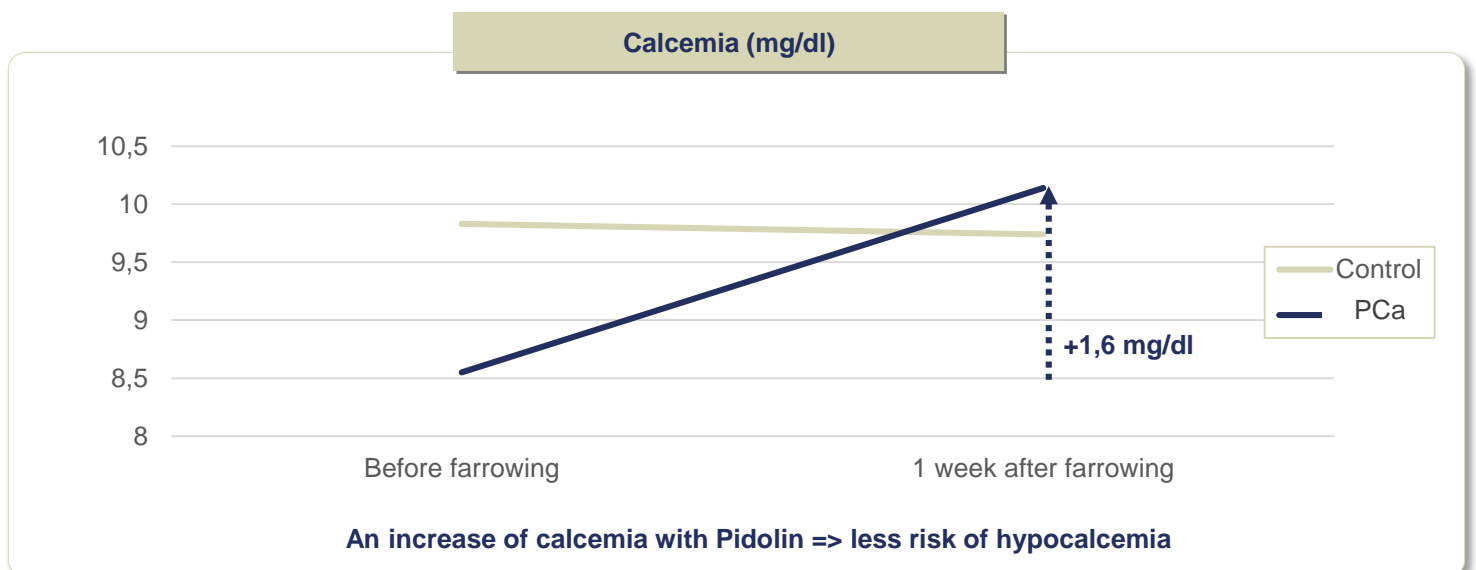
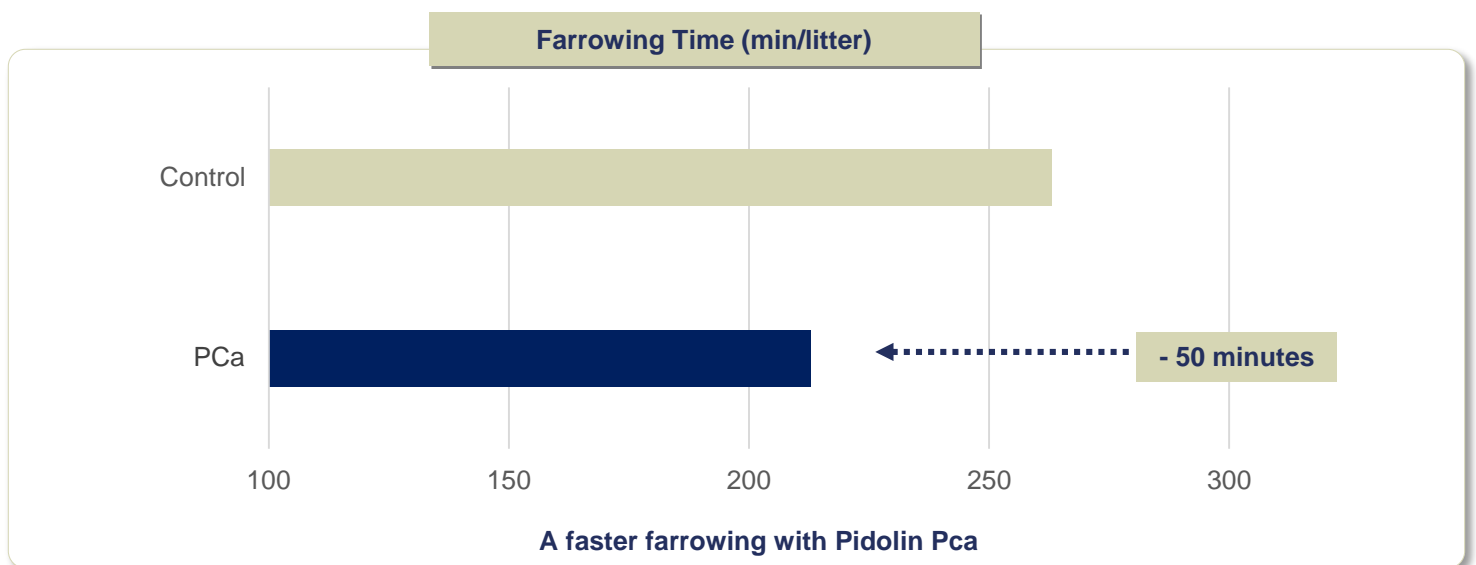
DESCRIPTION OF PROTOCOL

Trial realized by DIETAXION/TERAFEED in a farm of 600 sows (Landrace x Yorkshire (F1)) in Vietnam [2016] 78 sows being about to farrow, divided into 2 groups:

- Control group: 26 sows
- PIDOLin Pca group: 26 sows (fed with 300 g/T from 1 weeks before farrowing to weaning)

Experimental conditions were the same in 3 groups : genetic, feed, lightening, temperature, moisture, litter....

RESULTS



PIDOLin[®] PCa

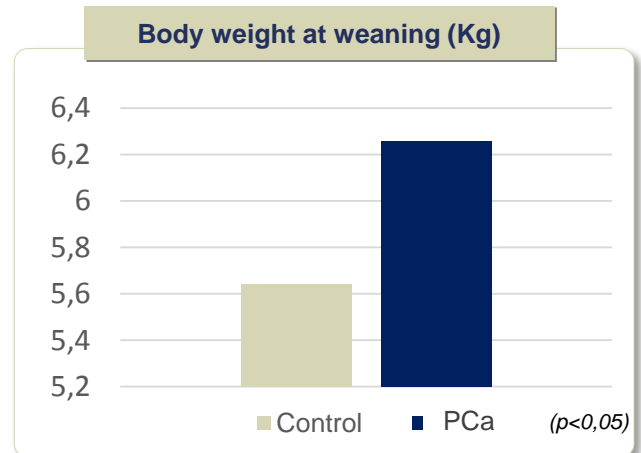
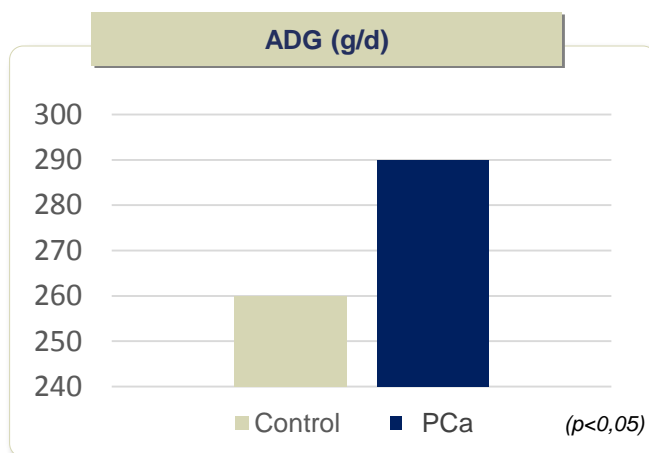
Effects of PIDOLin PCa on farrowing and weaning criteria on sows

TRIAL ON SOWS



	Farrowing sow	Total born /sow	Born alive /sow	Weaned /sow	Litter weight (kg)
T1	26	11,04	10,54	10,26	64,33
Control	26	12,65	11,42	10,65	60,07

In this trial, we didn't show any significant improvements on number of born alive/sow or weaned/sow.



Piglets of sows who received Pidolin Pca have a significantly **higher daily growth** and so reach an **higher body weight at weaning**

CONCLUSIONS

PIDOLin PCa improves the muscular tone of the sows, which leads to :

- ⇒ **An higher calcemia** : +1,6 mg/dl of calcemia / sow
- ⇒ **A quicker farrowing** : - 50 minutes / litter

Allowing a **better milk production** (through a better feed intake) resulting in **an higher litter weight : +600 g /piglet at weaning**

	Performance difference	Market price	Product gains	Costs
Extra Litter weight (/ litter / sow)	+ 4,26 kg	1,5 € / kg	6,39 €	
PIDOLin PCa	50 g / litter (300 g/T on 170 kg of lactation feed)			1,00 €
NET PROFIT / litter			5,39 €	
NET PROFIT / sow / year			12,00 €	

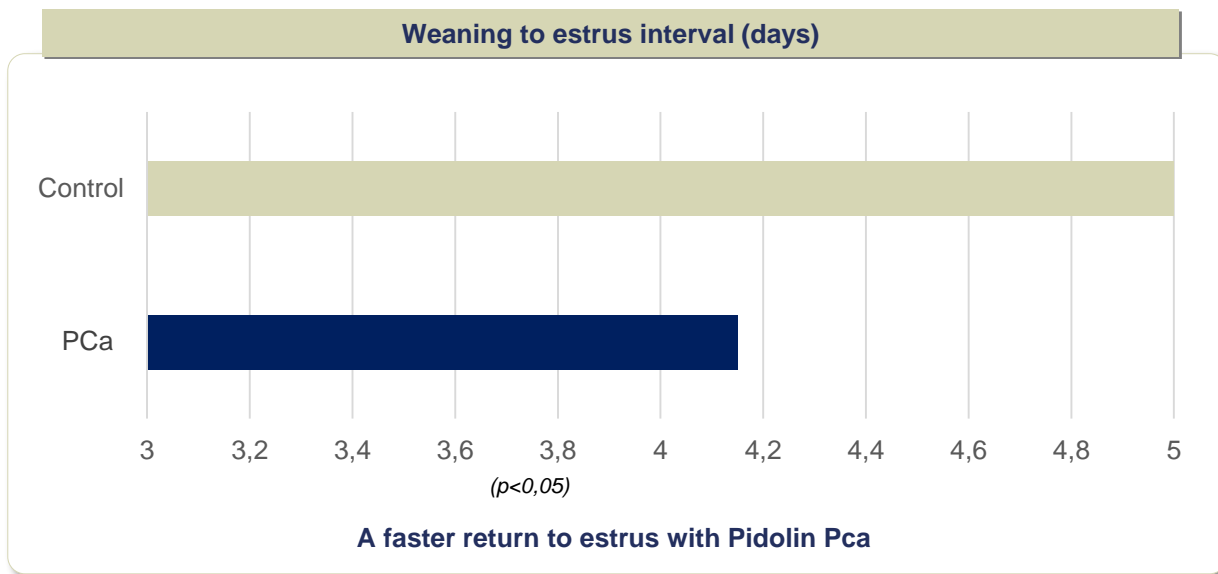
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TRIAL ON SOWS



An additional information regarding reproductive efficiency :





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Effects of PIDOLin PCa on farrowing and weaning criteria on sows

ESSAI PCa Truie VIET2 V01 2018

TRIAL ON SOWS

OBJECTIVE

To test the effect of **PIDOLin PCa** on the farrowing time and nati-mortality.



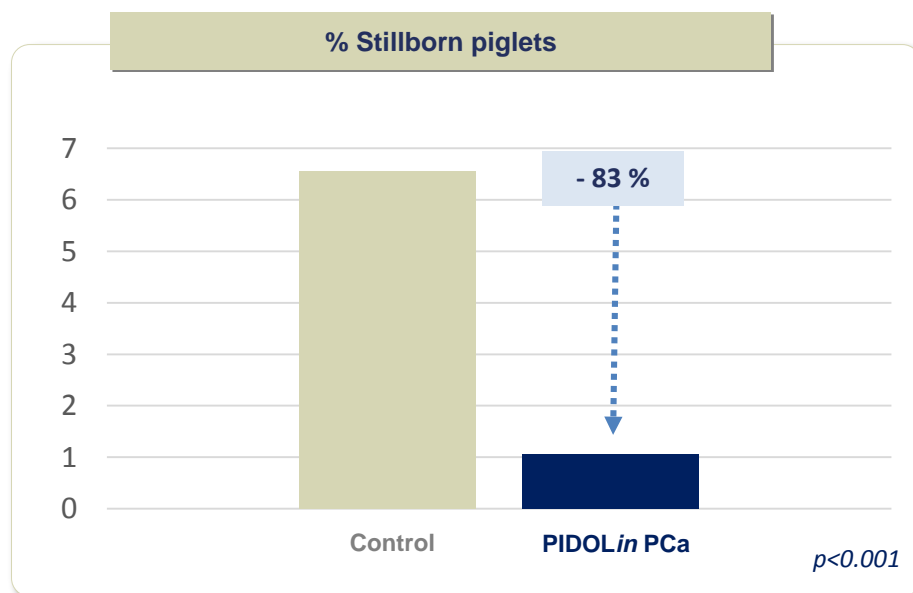
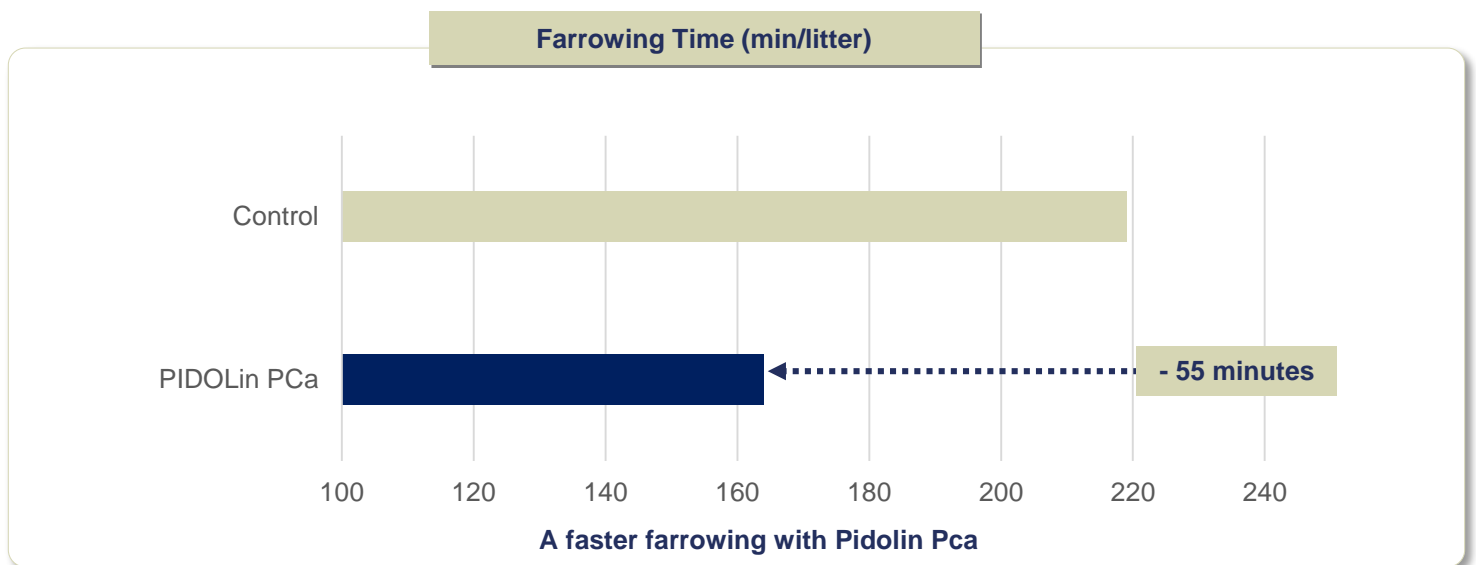
DESCRIPTION OF PROTOCOL

Trial realized by DIETAXION/TERAFEED in a farm of 800 sows (Landrace x Yorkshire (F1)) in Vietnam [2017] 46 sows being about to farrow, divided into 3 groups:

- Control group: 26 sows
- **PIDOLin Pca** group (fed with 300 g/T from 7 days before farrowing to weaning): 26 sows

Experimental conditions were the same in 2 groups : genetic, feed, lightening, temperature, moisture, litter....

RESULTS



PIDOLin PCa improves muscular tone of the sows, which leads to :

- ✓ **A quicker farrowing** : - 55 min/litter
- ✓ **A reduction of stillborn**: - 83 %

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