

Categorization							
Торіс	Oral + Corner	Poster	Total				
Welfare	10	23	33				
Meat Quality	3	10	13				
Practitioner Line	26	38	64				
Management	10	35	45				
Nutrition	18	50	68				
Genetics	7	32	39				
Miscellaneous	32	56	88				
Total	106	244	350				
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oculto	OVE	rian	and	horm	ona	Idata
lesuits.	Uva	anan	and	norm	Walaht	dat
		Age		1.014	LIBIA	10.00
	LBW	HBW	s.e.m	LBW	HBW	3.0.111
Age, d				82.9*	77.0 *	1.20
BW.kg	34.50*	40.10 ^b	1.60			
OW a	0.32*	0.39*	0.10	0.41*	0.26*	0.11
Foll 1mm	0.00*	0.12*	0.10	0.30*	0.03*	0.21
Foll 2mm	0.50*	0.32*	0.20	1.00*	0.23*	0.60
Foll 3mm	0.46*	1.14*	0.50	0.21*	0.90*	0.35
Leptin, ng/mL	2.74*	2.69*	0.08	2.82*	2.76*	0.08
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Results: Biome	trical d	ata	
Parameters	LBW (n=19)	HBW (n=19)	P value
Age at puberty, days	178.0 ± 4.1*	172.4 ± 4.1*	NS
Body weight, kg	102.4 ± 3.1ª	117.6 ± 3.1 ^b	< 0.05
Backfat, mm	8.9 ± 0.4ª	9.1 ± 0.4*	NS
Mean ovarian weight, g	8.9 ± 0.4*	9.1 ± 0.4*	NS
Ovulation rate	14.5 ± 0.5*	15.0 ± 0.5*	NS

Results: Bio	metrical da	ata	
Parameters	LBW (n=19) HBW (n=19)	P value
Vaginal length, cm	n 11.0 ± 0.64	12.1 ± 0.6ª	NS
Uterine horn leng	th, cm 85.8 ± 2.1	a 88.8 ± 2.1ª	NS
Oviduct length, cr	m 21.6±0.7	* 23.3±0.7*	NS

esults: Horm	onal data	a	
Parameters	LBW (n=19)	HBW (n=19)	P value
Leptin at d 80, ng/mL	2.3 ± 0.2ª	2.6 ± 0.2^{a}	NS
IGF-I at d 80, ng/mL	334.6 ± 12.1ª	345.2 ± 12.1ª	NS
Leptin at slaug, ng/mL	3.5 ± 0.2ª	3.7 ± 0.2ª	NS







1,62

8,0^b <0.001

177

90.0⁴ <0,05

<0,05

farme



(Landarian								
Influence	pari	ty						
1450 1400	14	09	1413	ed	137	8 ^{bc}	1350	b
1350 1300	1	/		1398 ^{cq}		1344 b	-	-
1250	1							1314 ^b
분 1200 1150	14	32					Pec	0,05
1100	1	2	3	4	5	6	7	8+
				Par	rity			







Effect of management practices on infection dynamic of PRRSV in vaccinated farrow-to-finish herds (Czyżewska et al., 2014)

- PRRS MLV vaccinated herds (A and B)
- In herd A high biosecurity program
- In herd B all-in-all-out practice was abandoned
- Serum samples were taken from 10 animals per age category
- PRRSV commercial ELISA were used: PRRS X3 ELISA test kit (IDEXX)

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100 80 90 90 90 90 90 90 90 90 90 9	12 15 % Herd B mean S/P H V in herd A a	5 4 3 2 2 4 1 5 4 1 8 -1 1 8 -1 1 8 -1 1 8		
	Table 1. Con category in her	nparison of d A and B	mean S/P rat	io value per age
	Age group	mean S/P		p value
		A	В	P
	Sows	1,685	0,912	0,473
	3 weeks	0,455	0,628	0,427
	6 weeks	0,318	0,786	0,037
	9 weeks	0,098	0,813	0,000
	12 weeks	0,005	1,496	0,000
	15 weeks	0,007	2,024	0,000
Baeulty of Veterinar	>18 weaks	1 400	2 315	0.045





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Improv	es peri	ormanc	e în la	station perio	ba
		(Díaz et al	., 2014)		
Table 1. and after	Farrowin training c	g data (Nur of workers	nber per	farrowing) befor	e
	Born alive	Stillborn	Total born	Weaned piglets	
Before	12.97	1.01	14.10	9.06	
After	12.29	0.90	13.37	9.92	
SEM ¹	0.315	0.155	0.346	0.166	
P^2	t	NS	t	***	
¹ Standard	Error of	Mean; ² Pro	bability:	NS, P>0.10; t,	





Effect of sow lameness on herd throughput (Deen et al., 2014)

- An economic model was built to simulate production during one breeding cycle.
- Breeding groups in a herd with an overall prevalence of approximately 20% lameness.
- Production outputs were estimated based on expected performance and piglets were valued based on quality at weaning.

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(Department of Animal Science, University of Wisconsin-Madison)

• The percent ash varies from 62 to 72% in cortical bone from mature sows to 44 to 46% in bones from young pigs (Crenshaw et al., 2013)

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- FGF23 is produced by osteoblast and osteocyte cells
 - It is regulated by vitamin D and blood P (Sitara et al., 2006; Crenshaw et al., 2011; and Lanske et al., 2014)
 - Reduce P reabsorption (kidney) and absorption (intestine)
 - Increase P excretion (kidney)

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The	e re	esults of p	rok	oiot	tic.	
		Table 1. Calsporing erncacy	in sows	and litte	TS 2nd	anala
			1st	cycle	Znd	cycle
		Some	n=27	12	n=21	n=23
		Parity	3.3	3.6	4.2	4.2
		Lactation (days)	30.1	29.7	26.7	27.1
Probiotic (<i>B. subtilis</i> <i>C-3102) is</i> beneficial in sows and piglets,	Sow weight at study start (kg) Backfat loss over lactation (mm) Sow weight loss over lactation (kg) Sow fed intake during	239	242	238	237	
		Backfat loss over lactation	3.9	3.4	3.8	2.7*
		(mm)				
		Sow weight loss over	46.9	35.0*	40.1	25.2*
		lactation (kg)				
		Sow feed intake during	219	237*	220	230*
		lactation (kg)				
especially when		Wean-oestrus (days)	6.5	5.3*	6.8	6.0*
	_ /	LITTER				
administered		Nº piglets born	12.3	12.3	12.2	12.6
		Weight of piglets at birth (kg)	1.6	1.5	1.4	1.5*
over the longer-term.	· ·	Nº pigs weaned	11.2	11.2	11.1	11.9*
5		weight piglets at weaning	7.5	8.0*	7.7	8.1*
(Kritas et al., 2014)		(kg) Bialat mortality (%)	8.4	63	0.1	67
, , , , , , , , , , , , , , , , , , , ,		Piglet diarrhoea score	5.2	4.6	6.4	4.2
	· .	Mean daily gain	195	217*	236	244
		(g/piglet/day)	. 90		230	2.14
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