

Hi Jake,

I hope you have enjoyed your trip to BC and WPE. Here I would like to inform you about the results of your training. Also I would be glad to write about your rods anything you could post on your website. You can use the information provided here.

My name is Pavel Kerber and I am a manager of NPPII Midway. Currently we have 5400 sows. We are performing IUI on wean sows for over than one year. We use IMV Deep Golden Pig catheter and I must say that we are very happy with the production numbers. Our breeding team is very skilled in using these rods and our conception rate numbers are this year on wean sows from 92.86% up to 97.14%, average 94.32%. On the other hand I must admit it took long time to train personal to this level. Gilts we breed with traditional AI and our conception rates are between 91.8% to 100%, avg. 95.02%.

We have used Absolute rods for sows and gilts in week 16 of 2006. We have had on site training with Mr. Jake Nelson and after first day we got used to these rods and after 2 days we become really confident. In only five days 9 people learned how to use these rods. The results were surprisingly good: we bred 187 wean sows (D0 to D6) and at RTU we detected 180 pregnant sows. That is 96.26% conception rate. Second best of the year. We bred 52 gilts and 51 conceived, cc% 98.08 and second highest of this year.

We achieved very good results using new rods with short training. I was to be honest very impressed with not only your rods but also with high quality training level of Mr. Jake Nelson. I hope your product will find wide use in the future. I have used many kinds of IUI rods but Absolute is definitely the best of them.

Sincerely

Pavel Kerber

On the far-side of this page is a copy of ASIC's Profit Spread with data filled out based on actual PigChamp data. We placed IMV's results in the "Current Performance" section and ASIC's data in the "Expectations" area. The page immediately following shows the actual data used which represents a 20 week comparison between Absolute's technology and IMV's probe type IUI catheter. ASIC's data was from the first 20 weeks of 2007; IMV's was from the first 20 weeks of 2006.

ASIC showed an improvement in farrowing rate of 88.4% compared to IMV's 82.9; the adjusted farrowing rates are **ASIC 90.6% and IMV 85.1%** (the adjusted rates were inputted into the spreadsheet for comparison). In addition, ASIC's "average pigs born alive was 12.0; where as IMV's was 11.5. **ASIC consistently provide a full ½ extra live born piglet per litter over the 20 week comparison.** Again, these averages were used in our spreadsheet for calculations.

Note: ASIC's "average" non-productive sow days/year was 33.8 compared to IMV's 35.6.

All in all, our profit spreadsheet (which is included in the enclosed CD) shows an annual profit of over \$550,000 for this size operation. The additional cost of the technology was approx. \$16,632; so this means an investment of \$16K provided a return of 3,331%

The spreadsheet on this disk is a tool; and no tool is perfect. We have intentionally kept all the formulas visible and editable so you can modify the "tool" to meet your needs as you see fit. Run some numbers reflecting your own operation and see what 5% or so improvement in farrowing + ½ extra pigs means to your bottom line. I think you will be pleasantly surprised!

	<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	Parity <u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10+</u>	Entire Herd
BREEDING PERFORMANCE												
Total number of services	1188	1272	932	930	584	352	144	59	7	0	0	5468
Percent of services	21.7	23.3	17.0	17.0	10.7	6.4	2.6	1.1	0.1	--	--	100.0
Percent repeat services	6.6	5.2	3.8	5.6	3.8	3.4	0.7	0.0	0.0	--	--	4.9
Percent multiple matings	97.6	97.6	97.3	97.5	97.4	97.7	99.3	98.3	100.0	--	--	97.6
Weaning - 1st service interval	--	5.5	4.7	4.9	5.2	5.1	5.1	5.3	4.6	--	--	5.1
Percent sows bred by 7 days	--	93.7	95.4	97.3	96.4	97.4	97.9	96.6	100.0	--	--	95.7
FARROWING PERFORMANCE												
Number of sows farrowed	0	1324	974	993	731	509	288	146	46	4	0	5015
Percent of farrowings	--	26.4	19.4	19.8	14.6	10.1	5.7	2.9	0.9	0.1	--	100.0
Total pigs born alive	--	15204	11748	12368	8949	6004	3391	1723	529	43	--	59959
Average total pigs per litter	--	12.0	12.6	13.1	13.0	12.5	12.6	12.5	12.4	11.3	--	12.6
Average pigs born alive/litter	--	11.5	12.1	12.5	12.2	11.8	11.8	11.8	11.5	10.8	--	12.0
Average stillborn pigs	--	0.3	0.3	0.4	0.4	0.4	0.6	0.5	0.7	0.0	--	0.4
Percent stillborn pigs	--	2.6	2.3	3.3	3.4	3.4	4.5	4.3	5.2	0.0	--	3.1
Average mummies per litter	--	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.5	--	0.2
Percent mummies	--	1.7	1.7	1.9	2.3	2.1	1.8	1.7	2.3	4.4	--	1.9
Litters less than 7 born live	--	99	44	41	27	27	12	7	3	0	--	260
Percent < 7 born live	--	7.5	4.5	4.1	3.7	5.3	4.2	4.8	6.5	0.0	--	5.2
Average litter birth weight	--	--	--	--	--	--	--	--	--	--	--	--
Farrowing rate	--	87.2	90.4	91.5	87.0	87.8	83.5	85.4	86.8	80.0	--	88.4
Adj. farrowing rate	--	89.3	91.8	93.5	89.7	90.7	85.7	88.5	93.9	80.0	--	90.6
Farrowing interval	--	--	145	143	142	142	141	141	141	141	--	143
WEANING PERFORMANCE												
Number of litters weaned	0	1356	1060	1076	750	509	300	158	43	3	0	5255
Percent of weanings	--	25.8	20.2	20.5	14.3	9.7	5.7	3.0	0.8	0.1	--	100.0
Total pigs weaned	--	14513	10616	10439	6917	4351	2278	1013	155	0	--	50282
Pigs weaned per sow	--	11.3	10.8	10.7	10.1	8.8	7.6	6.4	3.6	0.0	--	10.2
Pre-weaning mortality	--	9.9	14.4	14.8	13.8	9.2	9.3	9.7	7.2	100.0	--	12.4
Net foster	0	1246	651	127	-404	-1080	-1004	-705	-320	-25	0	-1514
Average litter weaning weight	--	--	--	--	--	--	--	--	--	--	--	--
Average age at weaning	--	19.5	18.1	17.4	16.6	15.5	14.2	12.5	6.9	0.0	--	17.3
POPULATION												
Ending female inventory	1050	1294	907	894	611	372	152	56	12	1	0	5349
Percent of female inventory	19.6	24.2	17.0	16.7	11.4	7.0	2.8	1.0	0.2	0.0	--	100.0
Females entered	1185	0	0	0	0	0	0	0	0	0	0	1185
Sows and gilts culled	67	73	80	126	136	163	150	101	37	3	0	936
Sows and gilt deaths	23	26	32	38	25	10	4	3	0	0	0	161
Average female inventory	1202.7	1149.1	979.9	849.0	556.9	339.9	166.5	61.1	8.8	0.2	0.0	5314.0
Percent of average inventory	22.6	21.6	18.4	16.0	10.5	6.4	3.1	1.1	0.2	0.0	--	100.0
Ave non-productive sow days	56.4	28.0	21.7	28.5	29.3	30.0	30.2	34.5	46.0	0.0	--	33.8
Ave NPD / parity record	21.9	9.3	8.4	9.4	8.6	7.7	6.7	5.5	3.4	0.0	--	11.1

	<u>_0_</u>	<u>_1_</u>	<u>_2_</u>	<u>_3_</u>	<u>_4_</u>	<u>Parity</u> <u>_5_</u>	<u>_6_</u>	<u>_7_</u>	<u>_8_</u>	<u>_9_</u>	<u>_10+_</u>	<u>Entire</u> <u>Herd</u>
BREEDING PERFORMANCE												
Total number of services	1427	1134	883	738	565	428	270	168	74	28	8	5723
Percent of services	24.9	19.8	15.4	12.9	9.9	7.5	4.7	2.9	1.3	0.5	0.1	100.0
Percent repeat services	5.7	6.0	4.9	6.5	5.3	4.0	1.5	0.0	1.4	0.0	0.0	5.1
Percent multiple matings	97.6	98.2	98.6	98.0	99.1	97.4	98.1	99.4	91.9	100.0	100.0	98.1
Weaning - 1st service interval	--	6.8	5.3	5.6	5.4	5.3	5.6	5.1	4.7	5.8	5.5	5.8
Percent sows bred by 7 days	--	86.2	92.1	94.1	93.6	95.4	95.1	97.6	98.6	96.4	87.5	92.0
FARROWING PERFORMANCE												
Number of sows farrowed	0	1230	904	753	638	505	411	307	155	75	36	5014
Percent of farrowings	--	24.5	18.0	15.0	12.7	10.1	8.2	6.1	3.1	1.5	0.7	100.0
Total pigs born alive	--	13353	10562	8967	7599	5988	4716	3494	1694	748	357	57478
Average total pigs per litter	--	11.6	12.3	12.5	12.7	12.8	12.4	12.5	12.1	11.2	11.3	12.2
Average pigs born alive/litter	--	10.9	11.7	11.9	11.9	11.9	11.5	11.4	10.9	10.0	9.9	11.5
Average stillborn pigs	--	0.5	0.4	0.4	0.5	0.7	0.6	0.8	0.8	0.8	1.1	0.5
Percent stillborn pigs	--	4.3	3.1	3.3	4.0	5.2	5.0	6.6	6.9	7.4	9.3	4.4
Average mummies per litter	--	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.2
Percent mummies	--	1.9	1.7	1.7	2.0	2.1	2.4	2.6	2.5	3.5	3.2	2.0
Litters less than 7 born live	--	108	51	53	38	25	34	14	10	9	6	348
Percent < 7 born live	--	8.8	5.6	7.0	6.0	5.0	8.3	4.6	6.5	12.0	16.7	6.9
Average litter birth weight	--	--	--	--	--	--	--	--	--	--	--	--
Farrowing rate	--	86.1	85.1	83.7	80.2	81.7	79.8	78.7	74.9	84.3	85.7	82.9
Adj. farrowing rate	--	88.0	86.5	85.9	83.0	85.2	82.2	81.0	77.5	85.2	87.8	85.1
Farrowing interval	--	--	145	143	143	143	142	140	140	140	140	143
WEANING PERFORMANCE												
Number of litters weaned	0	1159	903	744	620	515	430	301	155	76	34	4937
Percent of weanings	--	23.5	18.3	15.1	12.6	10.4	8.7	6.1	3.1	1.5	0.7	100.0
Total pigs weaned	--	12193	8990	7449	5788	4843	3565	2367	1249	470	205	47119
Pigs weaned per sow	--	10.5	10.0	10.0	9.3	9.4	8.3	7.9	8.1	6.2	6.0	9.5
Pre-weaning mortality	--	10.4	18.1	14.2	10.8	8.9	11.0	8.7	6.7	12.0	8.9	12.3
Net foster	0	939	439	-211	-939	-773	-826	-804	-360	-227	-106	-2868
Average litter weaning weight	--	--	--	--	--	--	--	--	--	--	--	--
Average age at weaning	--	18.1	18.1	17.6	17.1	17.0	15.6	15.2	15.7	12.1	12.5	17.2
POPULATION												
Ending female inventory	1164	1171	857	666	543	408	251	177	85	27	14	5363
Percent of female inventory	21.7	21.8	16	12.4	10.1	7.6	4.7	3.3	1.6	0.5	0.3	100.0
Females entered	1367	0	0	0	0	0	0	0	0	0	0	1367
Sows and gilts culled	89	74	69	103	120	136	204	158	79	51	24	1107
Sows and gilt deaths	26	41	26	40	28	16	17	11	7	1	0	213
Average female inventory	1213.3	1036.7	831.5	679.2	543.0	415.8	323.4	176.0	91.3	32.2	15.0	5357.6
Percent of average inventory	22.6	19.3	15.5	12.7	10.1	7.8	6.0	3.3	1.7	0.6	0.3	100.0
Ave non-productive sow days	45.3	31.2	26.7	36.9	35.3	37.8	33.3	40.1	34.3	37.4	16.3	35.8
Ave NPD / parity record	15.4	10.1	9.4	12.8	11.5	12.0	10.1	8.8	7.8	6.1	2.6	11.5