

"Current"現時的 Performance生产率
5,400
85.1%
2.20
3.0
11.50
20

Enter Your Farm's Information Below輸入您农场的數據

Sow Population母猪总数
Farrowing percentage分娩率
Farrowing index/Number of litters per year每年产仔次数
Average number of inseminations per animal每母猪平均授精次数
Average live born 平均活仔数
Average profit per animal每猪平均利润

Fixed Costs固定成本
0.20
1.50
3.00

Enter Your Appropriate Costs Below請輸入你的成本

Traditional catheter cost 普通授精管成本
Daily feed, housing, water, medication costs per animal每日饲料, 住房, 用水, 用药成本
Cost per dose of semen每剂精液成本

Labor Costs勞工成本
3
5
12.00
9.00
0.40
8.60

Enter Your Labor Information Below請輸入你的勞工成本

No. of employees used to breed each animal授精人数
Minutes per each insemination每次授精時間(分鐘)
What is your average AI technician's labor rate (per hour)?员工每小时工资
Labor cost to inseminate each animal using traditional catheters 用普通管的工资总额
Labor cost to inseminate each animal using Absolute catheters 用Ab管的工资总额
Labor savings per insemination of each sow and gilt 每次母猪授精的劳工节省

Expectations期望
90.6%
12.00
1.00
1
1
2.00

Enter Your "TARGETS" Below輸入你的"目標"数

Targeted Farrowing %目標分娩率
Targeted Live Born目標活仔数
Cost of each Absolute Cathter每Ab管的成本
Number of minutes per Absolute inseminationAb授精的時間(分鐘)
Number of employees needed需要的员工人数
Number of Absolute services per animal每母猪平均Ab授精次数

Results结果
107,633
156,816
35,640
5,881
162,608
102,168
-16,632
\$554,113
33.32
3331.61%

Based On Your Information Above根据您的上述数据

Annual PROFIT due to increased litter size: 由于产仔数每年的利润增加:
Annual PROFIT due to higher farrowing rate: 由于提高分娩率每年的利润增加:
Savings on semen cost going from current # of inseminations to 2 Ab inseminations 精液的節省(現時次数对Ab的兩次)
SAVINGS from NOT having to purchase semen for repeat inseminations due to higher farrowing rates 由于较高的产仔率而不用购买重复授精的精液節省
Non-productive feed cost 非生育饲料成本的節省
Annual labor SAVINGS 每年勞工费的節省
Additional cost per year to use Absolute catheters (this figure is already deducted from the "total annual profit" amount)用Ab管增加的成本
Total annual PROFIT 每年利润的总数
Annual return " MULTIPLE " on investment 每年投资回報的"倍数"
% return on investment (ROI)投资回報率



	<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	Parity <u>5</u>	經產次數 <u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10+</u>	Entire Herd
BREEDING PERFORMANCE 繁殖狀況												
Total number of service 母猪交配的总数	1427	1134	883	738	565	428	270	168	74	28	8	5723
Percent of services 交配百分比	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 重复百分比	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 多次交配授精百分比	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 断奶到第一次交配的日數	--	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 7大內交配的百分比	--	86.2	92.1	94.1	93.6	95.4	95.1	97.6	98.6	96.4	87.5	92.0
FARROWING PERFORMANCE 分娩狀況												
Number of sows farrowed 母猪产仔的数字	0	1230	904	753	638	505	411	307	155	75	36	5014
Percent of farrowings 分娩的百分比	--	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 活猪总数	--	13353	10562	8967	7599	5988	4716	3494	1694	748	357	57478
Average total pigs per litter 平均每胎出生的总数	--	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 平均每胎活猪數	--	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 平均出生已死的猪	--	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 出生死亡百分比	--	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 平均每胎木乃伊数	--	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.2
Percent mummies 木乃伊百分比	--	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 小于7个活仔胎數	--	108	51	53	38	25	34	14	10	9	6	348
Percent < 7 born live 小于7个活仔胎百分比	--	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 平均小猪体重	--	--	--	--	--	--	--	--	--	--	--	--
Farrowing rate 分娩率	--	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 调整的分娩率	--	88.0	86.5	85.9	83.0	85.2	82.2	81.0	77.5	85.2	87.8	85.1
Farrowing interval 怀孕到分娩的日數	--	--	145	143	143	143	142	140	140	140	140	143
WEANING PERFORMANCE 断奶狀況												
Number of litters weaned 被断奶的胎数	0	1159	903	744	620	515	430	301	155	76	34	4937
Percent of weanings 断奶的百分比	--	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 被断奶的总数	--	12193	8990	7449	5788	4843	3565	2367	1249	470	205	47119
Pigs weaned per sow 每只母猪被断奶的小猪數	--	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 断奶前死亡率	--	10.4	18.1	14.2	10.8	8.9	11.0	8.7	6.7	12.0	8.9	12.3
Net foster 养育	0	939	439	-211	-939	-773	-826	-804	-360	-227	-106	-2868
Average litter weaning weight 断奶小猪平均重量	--	--	--	--	--	--	--	--	--	--	--	--
Average age at weaning 断奶的平均年齡	--	18.1	18.1	17.6	17.1	17.0	15.6	15.2	15.7	12.1	12.5	17.2
POPULATION 总猪群												
Ending female inventory 结束母猪清单	1164	1171	857	666	543	408	251	177	85	27	14	5363
Percent of female inventory 母猪清单百分比	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 母猪数量	1367	0	0	0	0	0	0	0	0	0	0	1367
Sows and gilts culled 被宰的母猪	89	74	69	103	120	136	204	158	79	51	24	1107
Sows and gilt deaths 母猪死亡率	26	41	26	40	28	16	17	11	7	1	0	213
Average female inventory 平均母猪存貨	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 平均庫存的百分比	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 无生育性的母猪日數	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 无生育性日數/經產次數纪录	15.4	10.1	9.4	12.8	11.5	12.0	10.1	8.8	7.8	6.1	2.6	11.5

Weaning - 1st service intervall 断奶到第一次交配的日數	--	5.5	4.7	4.9	5.2	5.1	5.1	5.3	4.6	--	--	5.1
Percent sows bred by 7 days 7天内交配的百分比	--	93.7	95.4	97.3	96.4	97.4	97.9	96.6	100.0	--	--	95.7
FARROWING PERFORMANCE 分娩状况												
Number of sows farrowed 母猪产仔的数字	0	1324	974	993	731	509	288	146	46	4	0	5015
Percent of farrowings 分娩的百分比	--	26.4	19.4	19.8	14.6	10.1	5.7	2.9	0.9	0.1	--	100.0
Total pigs born alive 活猪总数	--	15204	11748	12368	8949	6004	3391	1723	529	43	--	59959
Average total pigs per litter 平均每胎出生的总数	--	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 平均每胎活猪数	--	11.5	12.1	12.5	12.2	11.8	11.8	11.8	11.5	10.8	--	12.0
Average stillborn pigs 平均出生已死的猪	--	0.3	0.3	0.4	0.4	0.4	0.6	0.5	0.7	0.0	--	0.4
Percent stillborn pigs 出生死亡百分比	--	2.6	2.3	3.3	3.4	3.4	4.5	4.3	5.2	0.0	--	3.1
Average mummies per litter 平均每胎木乃伊数	--	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.5	--	0.2
Percent mummies 木乃伊百分比	--	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 小于7个活仔胎数	--	99	44	41	27	27	12	7	3	0	--	260
Percent < 7 born live 小于7个活仔胎百分比	--	7.5	4.5	4.1	3.7	5.3	4.2	4.8	6.5	0.0	--	5.2
Average litter birth weigh 平均小猪体重	--	--	--	--	--	--	--	--	--	--	--	--
Farrowing rate 分娩率	--	87.2	90.4	91.5	87.0	87.8	83.5	85.4	86.8	80.0	--	88.4
Adj. farrowing rate 调整的分娩率	--	89.3	91.8	93.5	89.7	90.7	85.7	88.5	93.9	80.0	--	90.6
Farrowing intervall 怀孕到分娩的日數	--	--	145	143	142	142	141	141	141	141	--	143
WEANING PERFORMANCE 断奶状况												
Number of litters weaned 被断奶的胎数	0	1356	1060	1076	750	509	300	158	43	3	0	5255
Percent of weanings 断奶的百分比	--	25.8	20.2	20.5	14.3	9.7	5.7	3.0	0.8	0.1	--	100.0
Total pigs weaned 被断奶的总数	--	14513	10616	10439	6917	4351	2278	1013	155	0	--	50282
Pigs weaned per sow 每只母猪被断奶的小猪数	--	11.3	10.8	10.7	10.1	8.8	7.6	6.4	3.6	0.0	--	10.2
Pre-weaning mortality 断奶前死亡率	--	9.9	14.4	14.8	13.8	9.2	9.3	9.7	7.2	100.0	--	12.4
Net foster 养育	0	1246	651	127	-404	-1080	-1004	-705	-320	-25	0	-1514
Average litter weaning weight 断奶小猪平均重量	--	--	--	--	--	--	--	--	--	--	--	--
Average age at weaning 断奶的平均年龄	--	19.5	18.1	17.4	16.6	15.5	14.2	12.5	6.9	0.0	--	17.3
POPULATION 总猪群												
Ending female inventory 结束母猪清单	1050	1294	907	894	611	372	152	56	12	1	0	5349
Percent of female inventory 母猪清单百分比	19.6	24.2	17.0	16.7	11.4	7.0	2.8	1.0	0.2	0.0	--	100.0
Females entered 母猪数量	1185	0	0	0	0	0	0	0	0	0	0	1185
Sows and gilts culled 被宰的母猪	67	73	80	126	136	163	150	101	37	3	0	936
Sows and gilt deaths 母猪死亡率	23	26	32	38	25	10	4	3	0	0	0	161
Average female inventory 平均母猪存货	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 平均库存的百分比	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 无生育性的母猪日數	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 无生育性日數/經產次數纪录	21.9	9.3	8.4	9.4	8.6	7.7	6.7	5.5	3.4	0.0	--	11.1