



Performance Analysis

SAMPLE FARM

Breakdown:Periods

	01/01/08 01/31/08	02/01/08 02/29/08	03/01/08 03/31/08	04/01/08 04/30/08	05/01/08 05/31/08	06/01/08 06/30/08	ACUM
SERVICE PERFORMANCE							
Total services	622	642	736	701	684	666	4051
Number 1st services	570	597	688	644	636	604	3739
Number repeat services	52	45	48	57	48	62	312
Percent repeat services	8.4	7.0	6.5	8.1	7.0	9.3	7.7
Number multiple matings	596	601	710	679	652	631	3869
Percent multiple matings	95.8	93.6	96.5	96.9	95.3	94.7	95.5
Matings per service	2.3	2.4	2.4	2.5	2.4	2.4	2.4
Number AI services	622	642	735	701	684	666	4050
% of total services	100.0	100.0	99.9	100.0	100.0	100.0	100.0
Number natural services	0	0	1	0	0	0	1
% of total services	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Number of other services	0	0	0	0	0	0	0
% of total services	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Number homospermic services	85	65	67	43	64	56	380
% of total services	13.7	10.1	9.1	6.1	9.4	8.4	9.4
Age at entry	181.3	183.5	186.6	189.3	180.2	180.1	183.1
Age at first service	208.3	214.4	207.3	222.2	210.1	216.6	213.2
Served 1st service after entry	149	140	137	145	140	160	871
Entry to 1st service interval	25.1	33.8	26.5	31.3	24.7	31.9	28.9
Served 1st service after weaning	421	456	551	499	496	444	2867
Weaning-1st service interval	5.8	5.6	5.5	5.4	5.6	5.6	5.6
Percent of served bred by 7 days	91.9	92.5	93.3	94.0	91.5	91.9	92.6
Farrowing rate (service cohort)	86.8	89.7	81.4	0.0	0.0	0.0	76.9
FARROWING PERFORMANCE							
Farrowings	635	578	680	558	575	573	3599
Percent litters with less than 7 born	6.5	5.7	4.1	3.4	4.0	4.7	4.8
Avg parity farrowed	3.4	3.1	3.3	3.2	3.1	3.0	3.2
Total born per farrow	12.8	13.2	13.9	13.5	13.6	13.3	13.4
Liveborn per farrow	11.9	12.6	13.1	12.6	12.6	12.5	12.6
Stillborn per farrow	0.8	0.5	0.7	0.7	0.9	0.8	0.7
% Stillborn	6.2	3.9	5.0	5.3	6.9	5.8	5.5
Mummies per farrow	0.1	0.1	0.1	0.1	0.1	0.1	0.1
% Mummies	0.8	0.5	0.5	1.0	0.5	0.6	0.6
Farrowing rate	80.5	84.5	89.5	87.7	88.1	88.2	86.3
Adjusted farrowing rate	81.7	85.6	91.0	89.3	89.1	88.4	87.4
Avg gestation length	115.8	115.6	115.6	115.5	115.7	115.7	115.7
Birthweight / liveborn	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Farrowing interval	146.8	145.2	145.1	142.9	145.4	143.8	144.9
Abortions	5	5	9	1	7	5	32
Preweaning mortality rate (cohort)	13.25	10.87	11.01	11.46	8.40	13.60	11.37
Females farrowed and weaned	635	578	680	558	575	485	3511
Litters / mated female / year	2.48	2.46	2.42	2.44	2.50	2.48	2.46
Litters / female / year	2.35	2.35	2.30	2.32	2.36	2.36	2.34
Live born / mated female / year	29.9	31.0	35.8	29.2	28.8	29.2	30.6



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WEANING PERFORMANCE							
Total pigs from Wean event	5346	6527	7690	7117	5492	6921	39093
Litters weaned	524	622	688	647	501	630	3612
Pigs weaned in period	5346	6527	7690	7117	5492	6921	39093
Pigs weaned per litter	10.2	10.5	11.2	11.0	11.0	11.0	10.8
Females weaned or nursed off	531	618	662	621	487	613	3532
Pigs weaned per female	10.0	10.5	11.3	11.6	11.3	11.2	11.0
Percent of weaned bred by 7 days	75.0	70.9	77.9	74.7	79.1	76.7	75.6
Net fostered	-39	-7	-65	61	13	-28	-65
Average weaning age	20.7	20.5	18.8	19.2	19.7	21.1	20.0
Avg weight/weaned pig	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Recorded preweaned deaths	935	917	979	722	634	668	4855
Preweaning mortality rate (period)	13.2	14.5	11.5	11.0	10.2	10.0	11.7
Weaned / mated female / year	21.2	27.7	30.8	29.5	21.9	28.2	26.5
Weaned / female / year	20.0	26.5	29.4	28.1	20.7	26.9	25.2
POPULATION							
Ending total female inventory	3103	3031	3099	3085	3148	3163	3163
Avg total female inventory	3142.6	3097.4	3082.8	3083.8	3124.6	3131.1	3110.6
Ending unmated female inventory	155	110	169	115	199	141	141
Ending mated female inventory	2948	2921	2930	2970	2949	3022	3022
Avg unmated female inventory	171.7	128.5	147.1	144.2	173.3	146.8	152.3
Avg mated female inventory	2970.9	2968.9	2935.7	2939.6	2951.3	2984.2	2958.3
Ending male inventory	18	17	17	17	23	23	23
Average parity	2.3	2.2	2.2	2.2	2.1	2.2	2.2
Females entered	220	112	208	106	246	106	998
Replacement rate	82.4	45.5	79.4	41.8	92.7	41.2	64.3
Females culled	147	172	132	112	179	81	823
Culling rate	55.1	69.9	50.4	44.2	67.5	31.5	53.1
Avg parity of culled females	3.9	4.4	4.5	4.3	4.3	3.8	4.2
Female deaths	17	12	8	8	4	10	59
Death rate	6.4	4.9	3.1	3.2	1.5	3.9	3.8
Avg NPD / female / year	49.7	46.6	49.6	50.5	51.2	44.2	48.7