



PigCHAMP Benchmarking

Canada 2006 Annual Total farms included for summary = 13

PigCHAMP variables used	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Number repeat services	331.54	350.601	213.00	751.00	60.00
Percent repeat services	10.08	2.776	9.90	13.50	7.30
Total number of services	3043.62	2718.650	1415.00	7341.00	766.00
Number of sows farrowed	2520.23	2185.340	1259.00	6037.00	622.00
Farrowing rate	83.09	4.003	83.60	88.60	78.60
Total pigs born	30356.46	25552.070	16161.00	70736.00	8086.00
Average total pigs per litter	12.34	0.631	12.30	13.00	11.70
Total pigs born alive	27529.77	23409.990	14567.00	65403.00	7189.00
Average pigs born alive/litter	11.17	0.614	11.10	12.20	10.60
litters/fem/yr * ave pigs born alive per litter	25.26	1.885	25.20	28.04	22.90
Total stillborn pigs	2212.85	1766.420	1268.00	4472.00	610.00
Average stillborn pigs	0.92	0.228	0.90	1.20	0.70
Total mummified pigs born	613.85	505.592	417.00	1310.00	82.00
Average mummies per litter	0.24	0.077	0.30	0.30	0.10
Sows farrowed and weaned	2490.31	2163.490	1231.00	6036.00	594.00
Total pigs weaned	24169.77	20391.640	13323.00	58172.00	6559.00
Pigs weaned per litter weaned	9.75	0.774	9.80	10.90	8.80
Pre-weaning mortality	11.98	1.646	12.30	14.00	10.00
Average litter weaning weight (N=10)	138.20	34.052	127.50	199.50	108.50
Average age at weaning	21.43	3.005	20.70	26.10	18.50
Pigs wnd / mated female / yr	23.38	1.792	23.20	25.00	21.50
Pigs wnd / female / year	22.33	1.786	22.00	24.60	20.60
Ending boar inventory	64.77	102.604	22.00	284.00	9.00
Females entered	550.77	572.660	215.00	1398.00	89.00
Sows and gilts culled	436.62	416.195	230.00	1158.00	78.00
Culling rate	36.43	8.193	37.50	45.00	28.20
Sow and gilt deaths	99.38	102.958	39.00	211.00	18.00
Death rate	7.74	2.554	7.20	10.40	4.80
Ave female inv - Ave gilt pool inv	1075.92	938.845	535.60	2571.10	265.90



PigCHAMP Benchmarking

Canada 2006- 1st quarter summary (N=48)

Pigcare variables	PigCHAMP variables used	Mean	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	74.75	194.00	13.00
% Repeat services	Percent repeat services	9.27	14.60	4.80
Total services	Total number of services	816.21	1794.00	183.00
Farrowings	Number of sows farrowed	689.60	1503.00	150.00
Farrowing rate	Farrowing rate	83.27	90.10	73.80
Total born	Total pigs born	8259.83	17559.00	1837.00
Total born per litter	Average total pigs per litter	12.13	13.00	11.10
Total liveborn	Total pigs born alive	7567.06	16632.00	1655.00
Liveborn per litter	Average pigs born alive/litter	11.12	11.90	10.20
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	25.65	28.42	21.40
Total stillborn	Total stillborn pigs	536.25	1474.00	106.00
Stillborn per litter	Average stillborn pigs	0.79	1.20	0.60
Total mummified	Total mummified pigs born	156.52	401.00	26.00
Mummified per litter	Average mummies per litter	0.21	0.30	0.10
Sows weaned	Sows farrowed and weaned	662.83	1503.00	137.00
Piglets weaned	Total pigs weaned	6766.73	14906.00	1578.00
Piglets weaned per litter	Pigs weaned per litter weaned	9.69	10.70	8.70
% Total losses of liveborn	Pre-weaning mortality	11.74	16.40	7.70
Average weaned weight	Average litter weaning weight (N=33)	130.13	188.00	97.00
Piglets age at weaning	Average age at weaning	19.77	25.40	16.30
Piglets weaned/sow/year	Pigs wnd / mated female / yr	23.91	26.30	20.80
Piglets weaned/female/year	Pigs wnd / female / year	22.66	25.00	18.80
Total boars	Ending boar inventory	21.60	34.00	1.00
Sows added	Females entered	148.56	370.00	27.00
Sows culled or sold	Sows and gilts culled	126.48	339.00	19.00
% Cull per year	Culling rate	38.31	60.30	22.00
Sows died	Sow and gilt deaths	22.67	62.00	2.00
% sow deaths per year	Death rate	6.63	10.70	2.60
Total sows	Ave female inv - Ave gilt pool inv	1163.36	2566.30	269.00



PigCHAMP Benchmarking

Canada 2006- 2nd quarter Number of farms used = 22

Pigcare variables	PigCHAMP variables used	Mean	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	56.73	117.00	13.00
% Repeat services	Percent repeat services	8.89	13.00	5.40
Total services	Total number of services	568.77	1109.00	192.00
Farrowings	Number of sows farrowed	471.36	932.00	153.00
Farrowing rate	Farrowing rate	83.22	90.20	73.90
Total born	Total pigs born	5799.32	11621.00	1974.00
Total born per litter	Average total pigs per litter	12.55	13.40	11.80
Total liveborn	Total pigs born alive	5290.68	10151.00	1765.00
Liveborn per litter	Average pigs born alive/litter	11.50	12.50	10.90
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	27.04	30.00	24.42
Total stillborn	Total stillborn pigs	394.95	915.00	130.00
Stillborn per litter	Average stillborn pigs	0.83	1.20	0.60
Total mummified	Total mummified pigs born	113.68	287.00	25.00
Mummified per litter	Average mummies per litter	0.22	0.30	0.10
Sows weaned	Sows farrowed and weaned	416.50	897.00	136.00
Piglets weaned	Total pigs weaned	4727.77	9082.00	1666.00
Piglets weaned per litter	Pigs weaned per litter weaned	9.98	11.40	9.00
% Total losses of liveborn	Pre-weaning mortality	10.96	14.00	8.40
Average weaned weight	Average litter weaning weight (N=14)	141.29	204.00	102.00
Piglets age at weaning	Average age at weaning	21.31	25.90	18.20
Piglets weaned/sow/year	Pigs wnd / mated female / yr	25.00	28.30	22.80
Piglets weaned/female/year	Pigs wnd / female / year	24.04	27.30	21.30
Total boars	Ending boar inventory	40.27	41.00	3.00
Sows added	Females entered	96.59	183.00	25.00
Sows culled or sold	Sows and gilts culled	78.95	172.00	20.00
% Cull per year	Culling rate	36.37	47.90	23.30
Sows died	Sow and gilt deaths	16.41	49.00	3.00
% sow deaths per year	Death rate	6.54	12.50	2.90
Total sows	Ave female inv - Ave gilt pool inv	821.00	1556.00	273.50



PigCHAMP Benchmarking

Canada 2006- 3rd qtr summary Total farms included for analysis = 14

Pigcare variables	PigCHAMP variables used	Mean	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	55.36	76.00	11.00
% Repeat services	Percent repeat services	9.63	16.10	4.20
Total services	Total number of services	498.21	994.00	183.00
Farrowings	Number of sows farrowed	398.79	899.00	136.00
Farrowing rate	Farrowing rate	79.90	90.40	65.70
Total born	Total pigs born	5014.07	11404.00	1796.00
Total born per litter	Average total pigs per litter	12.72	13.46	12.00
Total liveborn	Total pigs born alive	4568.29	10503.00	1648.00
Liveborn per litter	Average pigs born alive/litter	11.55	12.37	10.80
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	25.94	29.50	19.03
Total stillborn	Total stillborn pigs	348.86	737.00	129.00
Stillborn per litter	Average stillborn pigs	0.92	1.30	0.69
Total mummified	Total mummified pigs born	96.93	164.00	19.00
Mummified per litter	Average mummies per litter	0.22	0.40	0.10
Sows weaned	Sows farrowed and weaned	365.57	899.00	123.00
Piglets weaned	Total pigs weaned	4136.21	9192.00	1672.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.08	11.22	9.00
% Total losses of liveborn	Pre-weaning mortality	12.11	17.00	8.66
Average weaned weight	Average litter weaning weight (N=7)	162.43	210.00	121.00
Piglets age at weaning	Average age at weaning	22.64	27.50	18.40
Piglets weaned/sow/year	Pigs wnd / mated female / yr	24.15	27.50	20.40
Piglets weaned/female/year	Pigs wnd / female / year	22.90	26.00	16.87
Total boars	Ending boar inventory	21.86	34.00	12.00
Sows added	Females entered	129.29	485.00	17.00
Sows culled or sold	Sows and gilts culled	68.43	155.00	10.00
% Cull per year	Culling rate	37.80	78.30	17.40
Sows died	Sow and gilt deaths	18.36	61.00	2.00
% sow deaths per year	Death rate	8.39	15.90	2.50
Total sows	Ave female inv - Ave gilt pool inv	696.52	1463.20	265.10



PigCHAMP Benchmarking

Canada 2006 4th- Quarter summary Total farms included for summary = 13

PigCHAMP variables used	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Number repeat services	75.23	75.020	45.00	163.00	15.00
% Repeat Services	9.74	3.098	9.70	14.10	6.40
Total # of services	757.62	673.36	345.0	1815.0	196.0
# of Sows Farrowed	623.08	541.47	316.00	1447.0	157.0
Farrowing %	81.42	5.885	81.80	87.90	76.80
Total pigs born	7438.46	6351.330	4172.00	16870.00	2076.00
Average total pigs per litter	12.18	0.753	12.00	13.20	11.20
Total pigs born alive	6756.00	5848.020	3775.00	15750.00	1854.00
Average pigs born alive/litter	11.00	0.749	10.90	11.90	10.00
litters/fem/yr * ave pigs born alive per litter	25.24	1.839	24.75	27.82	23.13
Total stillborn pigs	533.00	400.906	320.00	916.00	163.00
Average stillborn pigs	0.94	0.240	1.00	1.30	0.60
Total mummified pigs born	149.46	136.822	91.00	361.00	13.00
Average mummies per litter	0.22	0.109	0.20	0.40	0.10
Sows farrowed and weaned	594.08	521.980	288.00	1447.00	129.00
Total pigs weaned	5983.92	5119.210	3372.00	14462.00	1559.00
Pigs weaned per litter weaned	9.70	0.743	9.50	11.00	9.10
Pre-weaning mortality	11.57	2.064	12.40	13.10	8.90
Average litter weaning weight (N=10)	141.20	32.748	130.00	200.50	116.50
Average age at weaning	21.22	2.877	20.70	26.10	18.60
Pigs wnd / mated female / yr	23.52	1.931	23.10	26.20	21.20
Pigs wnd / female / year	22.48	1.642	21.80	25.00	21.20
Ending boar inventory	64.77	102.604	22.00	284.00	9.00
Females entered	129.38	138.579	56.00	275.00	23.00
Sows and gilts culled	98.00	97.486	50.00	243.00	17.00
Culling rate	32.01	10.127	35.20	41.80	15.20
Sow and gilt deaths	25.92	25.333	12.00	66.00	5.00
Death rate	8.41	4.151	8.90	15.40	4.80
Ave female inv - Ave gilt pool inv	1081.12	951.122	543.90	2613.10	265.00