

Table 3: Benefits Found When Using By-O-Reg+ in The Feeding Of Sows And Piglets

Metric	With By-O-Reg+	Control	Difference (Absolute)	Difference (Percent)
Live Born Piglets Per Litter	10.76	9.57	1.19	11.06
Average Weight of the Litter (lb.)	37.38	31.09	6.29	16.83
Average Weight of Live Born Piglet (lb.)	3.16	2.85	0.31	9.81
Total Number of Weaned Piglets Per Litter	10	8.3	1.7	17.00
Average Total Weight of Weaned Litter (lb)	202.7	152.24	50.46	24.89
Average Weight of Weaned Piglet (lb.)	20.27	18.26	2.01	9.92
Daily Weight Gain (lb.) per piglet	0.61	0.55	0.06	9.84
Breeding Interval (Days)	5	7	2	-28.60
Weaned Piglets Total	210	175	35	16.67

Table 2: Sows Fed Normal Diet Without By-O-Reg+

SOW	Live-Born Piglets	Still-Born Piglets	Mummies	Litter Size	Total Litter Weight at Birth (Kilograms)	Total Litter Weight at Birth (Pounds)	Weight per Piglet at Birth (Kilograms)	Weight per Piglet at Birth (Pounds)	Piglets Adopted by Test Sow	Piglets Donated by Test Sow	Piglet Deaths per Litter	Piglets Weaned per Sow (Stated)	Date of Weaning	Age at Weaning (Days)	Total Litter Weight at Weaning (Kilograms)	Total Litter Weight at Weaning (Pounds)	Weight per Piglet at Weaning (Kilograms)	Weight per Piglet at Weaning (Pounds)
349	8	1	0	9	15.6	34.4	1.73	3.81	0	0	0	8	1/8/2014	28	69		8.625	8.625
A3	11	1	0	12	17.7	39.0	1.475	3.252	0	0	2	9	1/8/2014	28	72		8	8
380	9	2	0	11	13.2	29.1	1.2	2.6	2	0	3	9	1/8/2014	28	68		7.5	7.5
429	8	2	0	10	12.8	28.2	1.28	2.82	1		1	8	1/8/2014	28	65	143	8.125	17.913
450	8	2	0	10	9.125	20.117	0.912	2.011			3	5	1/8/2014	28	39	86	7.8	17.2
451	8	1	0	9	15	33	1.666	3.673	0	0	0	8	1/15/2014	28	72	159	9	20
453	11	0	0	11	18.815	41.480	1.71	3.77				11	1/15/2014	28	89.98	198.37	8.18	18.03
408	12	1	0	13	15.7	34.6	1.207	2.661		2	0	10	1/15/2014	28	85	187	8.5	18.7
374	9	0	0	9	12.6	27.8	1.4	3.1	1	2		8	1/15/2014	28	69	152	8.625	19.015
402	12	2	2	16	15.35	33.84	0.959	2.114		2	1	9	1/15/2014	28	72	159	8	18
261	11	0	0	11	11.25	24.80	1.023	2.255		1	1	9	1/22/2014	28	66	146	7.333	16.166
469	10	2	0	12	13.8	30.4	1.15	2.54	2	0	2	10	1/22/2014	28	78	172	7.8	17.2
8	9	2	0	11	15.037	33.151	1.367	3.014	1	1	0	9	1/22/2014	28	90	198	10	22
471	8	1	1	10	10.8	23.8	1.2	2.6	3	2	0	9	1/22/2014	28	82	181	9.111	20.086
5	8	1	0	9	15.4	34.0	1.711	3.772	1	0	1	7	1/22/2014	28	64.4	142.0	9.2	20.3
377	8	1	1	10	14.1	31.1	1.41	3.11	0	0	0	8	1/22/2014	28	72	159	9	20
381	9	0	0	9	11.93	26.30	1.326	2.923	1	0	1	9	1/29/2014	28	71	157	7.88	17.37
420	11	1	1	13	17.654	38.920	1.358	2.994	0	2	3	6	1/29/2014	28	45	99	7.5	16.5
306	12	0	0	12	14.568	32.117	1.214	2.676	0	0	2	10	1/29/2014	28	79	174	7.9	17.4
310	10	0	1	11	13.508	29.780	1.228	2.707	0	1	2	7	1/29/2014	28	58	128	8.28	18.25
410	9	1	1	11	13	29	1.181	2.604	0	2	1	6	1/29/2014	28	47	104	7.8	17.2
Totals	201	21	7.00	229.00	296.94	654.63	27.71	61.08	12.00	15.00	NA	NA	NA	NA	1453.38	3204.15	NA	NA
Averages	10	1	0.33	10.90	14.14	31.17	1.32	2.91	0.75	0.83	1.21	8.33	NA	28.00	69.21	152.58	8.29	18.28

Table 1: Sows Fed On 2 Grams Of By-O-Reg+ In Their Normal Diet During The Pregnancy Period Later, After Farrow And Breeding Intervals: 2 Grams

SOW	Live-Born Piglets	Still-Born Piglets	Mummies	Litter Size	Total Litter Weight at Birth (Kilograms)	Total Litter Weight at Birth (Pounds)	Weight per Piglet at Birth (Kilograms)	Weight per Piglet at Birth (Pounds)	Piglets Adopted by Test Sow	Piglets Donated by Test Sow	Piglet Deaths per Litter	Piglets Weaned per Sow (Calculated)	Piglets Weaned per Sow (Stated)	Date of Weaning	Age at Weaning (Days)	Total Litter Weight at Weaning (Kilograms)	Total Litter Weight at Weaning (Pounds)	Weight per Piglet at Weaning (Kilograms)	Weight per Piglet at Weaning (Pounds)
445	12	0	0	12	17.076	37.646	1.423	3.137	1	2	2	9	9	12/5/2013	28	84.37	186.00	9.374	20.667
238	9	0	1	10	19.72	43.475	1.972	4.348	3	0	1	11	11	12/5/2013	28	102.5	225.97	9.318	20.543
389	13	0	0	13	19.214	42.360	1.478	3.258	0	3	0	10	10	12/5/2013	28	87.5	192.90	8.750	19.290
399	9	0	0	9	14.652	32.302	1.628	3.589	1	0	1	9	9	12/5/2013	28	81	178.57	9.000	19.842
325	13	1	0	14	19.978	44.044	1.427	3.146	0	0	1	12	12	12/5/2013	28	103.32	227.78	8.610	18.982
320	13	1	2	16	21.984	48.466	1.374	3.029	0	2	1	10	10	12/12/2013	28	95	209.44	9.500	20.944
369	13	0	1	14	19.978	44.044	1.427	3.146	0	1	0	12	12	12/12/2013	28	109.2	240.74	9.100	20.062
330	12	0	0	12	17.988	39.657	1.499	3.305	0	0	2	10	10	12/12/2013	28	93	205.03	9.300	20.503
331	12	1	1	14	18.564	40.927	1.326	2.923	0	2	0	10	10	12/12/2013	28	95	209.44	9.500	20.944
269	11	1	0	12	17.628	38.863	1.469	3.239	1	0	1	11	11	12/12/2013	28	99	218.26	9.000	19.842
420	9	2	0	11	18.821	41.493	1.711	3.772	4	0	1	12	12	12/19/2013	28	99.6	219.58	8.300	18.298
447	10	2	0	12	17.976	39.630	1.498	3.303	0	0	0	10	10	12/19/2013	28	95	209.44	9.500	20.944
427	9	1	0	10	12.56	27.690	1.256	2.769	0	0	0	9	9	12/19/2013	28	87	191.80	9.667	21.311
360	11	1	0	12	14.534	32.042	1.211	2.670	0	0	3	8	8	12/19/2013	28	75	165.35	9.375	20.668
434	9	1	0	10	14.652	32.302	1.465	3.230	0	0	0	9	9	12/19/2013	28	92	202.83	10.222	22.536
393	10	0	0	10	10.89	24.008	1.089	2.401	0	0	2	8	8	12/19/2013	28	74.4	164.02	9.300	20.503
449	9	1	0	10	15.741	34.703	1.574	3.470	0	0	1	8	8	12/26/2013	28	73	160.94	9.125	20.117
448	10	2	0	12	15.028	33.131	1.252	2.761	3	0	1	12	12	12/26/2013	28	111	244.71	9.250	20.393
423	12	1	0	13	17.732	39.092	1.364	3.007	0	2	0	10	10	12/26/2013	28	90	198.42	9.000	19.842
324	11	2	0	13	18.824	41.500	1.448	3.192	0	0	0	11	11	12/26/2013	28	99	218.26	9.000	19.842
316	9	0	0	9	13.284	29.286	1.476	3.254	0	0	0	9	9	12/26/2013	28	89	196.21	9.889	21.801
Totals	226	17	5	248	356.82	786.662	NA	NA	13	12	17	210	210	NA	NA	1934.89	4265.70	NA	NA
Averages	10.76	0.81	0.24	11.81	16.99	37.460	1.44	3.17	0.62	0.57	0.81	10	10	NA	28.00	92.14	203.13	9.24	20.37