

**PRAIRIE SWINE**

Test Results: 2000-08-17

	0% Red Lake Earth Addition (CONTROL)				0.5% Red Lake Earth Addition					1% Red Lake Earth Addition					2% Red Lake Earth Addition				
	WEIGHT	WT GAIN FROM 0 DAYS	% WT GAIN/ OVER 0 DAYS	WT GAIN IN PERIOD	WEIGHT	WT GAIN FROM 0	% WT GAIN/ OVER 0 DAYS	WT GAIN IN PERIOD	COMPARISON OF % WT GAIN FROM 0.50% TO CONTROL	WEIGHT	WT GAIN FROM 0	% WT GAIN/ OVER 0 DAYS	WT GAIN IN PERIOD	COMPARISON OF % WT GAIN FROM 1.00% TO CONTROL	WEIGHT	WT GAIN FROM 0	% WT GAIN/ OVER 0 DAYS	WT GAIN IN PERIOD	COMPARISON OF % WT GAIN FROM 2.00% TO CONTROL
GILTS BARROWS 0 DAYS	7.27 7.70				7.23 7.33					7.27 7.47					7.30 7.23				
GILTS BARROWS 7 DAYS	9.50 9.93	2.23 2.23	31% 29%	2.23 2.23	9.37 9.43	2.14 2.10	30% 29%	2.14 2.10	96% 99%	9.33 9.67	2.06 2.20	28% 29%	2.06 2.20	92% 102%	9.17 9.53	1.87 2.30	26% 32%	1.87 2.30	84% 110%
GILTS BARROWS 14 DAYS	12.43 13.07	5.16 5.37	71% 70%	2.93 3.14	12.63 13.07	5.40 5.74	75% 78%	3.26 3.64	105% 112%	12.53 12.77	5.26 5.30	72% 71%	3.20 3.10	102% 102%	12.13 12.57	4.83 5.34	66% 74%	2.96 3.04	93% 106%
GILTS BARROWS 21 DAYS	16.73 17.47	9.46 9.77	130% 127%	4.30 4.40	16.73 17.03	9.50 9.70	131% 132%	4.10 3.96	101% 104%	16.83 17.27	9.56 9.80	131% 131%	4.30 4.50	101% 103%	16.37 17.03	9.07 9.80	124% 136%	4.24 4.46	95% 107%
GILTS BARROWS 28 DAYS	20.90 22.33	13.63 14.63	187% 190%	4.17 4.86	21.23 21.70	14.00 14.37	194% 196%	4.50 4.67	<b>103%</b> <b>103%</b>	21.67 22.40	14.40 14.93	198% 200%	4.84 5.13	<b>106%</b> <b>105%</b>	20.73 21.63	13.43 14.40	184% 199%	4.36 4.60	<b>98%</b> <b>105%</b>

Because the test groups had different initial average weights, the percentage increase over the initial weight gives a comparative estimate which can be used to evaluate the improvement of the groups using RLE at different levels to the control groups.

The results from this study were not "statistically significant" but the results are significant to the producer.

The percentage gains in five of six groups were between 3.2% and 5.6% higher than the control group, with the highest percentage gain over the control group being at the 1% level. The average percentage gain of all six groups was 3.4% improved weight gain over control group.