Table 1. Effects of Dietary Iron Supplementation on Nursery Pig Growth Performance and Iron Status Indices[a]

	Supplemental Iron, g./ton of Diet				
Item	**0**	**23**	**45**	**91**	**136**
Overall, Day 0 to 35					
Average daily gain, lb.	0.689	0.708	0.739	0.732	0.745
Average daily feed intake, lb.	1.036	1.093	1.118	1.129	1.098
Gain:feed, lb./lb.	0.667	0.657	0.662	0.652	0.674
Hemoglobin, grams/deciliter					
Day 35	10.7	10.7	11.7	11.8	11.9
Hematocrit, %					
Day 35	42.74	43.00	45.93	46.49	46.20

[a]Data are least squares means (n = 9 pens per treatment for ADG, ADFI, and G:F; n = 27 pigs per treatment for hemoglobin, hematocrit, and plasma iron). Blood levels on Day 0 were: hemoglobin = 11.0 grams/deciliter (SEM = 0.01); hematocrit = 42.94% (SEM = 0.43).

Table 2. Effects of Dietary Iron Supplementation on Nursery Pig Liver (Wet Basis) and Whole-Body (Dry Matter Basis) Mineral Concentrations and Chemical Composition[a]

	Supplemental Iron, g./ton of Diet					
Item	**BL**	**0**	**23**	**45**	**91**	**136**
Liver						
Iron, mg./lb	112.04	15.88	17.24	39.01	55.79	51.26
Copper, mg./lb	37.42	5.44	5.72	5.40	5.22	5.44
Zinc, mg./lb	39.83	19.41	19.46	20.50	21.59	25.45
Magnesium, mg./lb.	95.25	83.46	84.37	84.82	88.45	84.37
Manganese, mg./lb.	1.11	1.31	1.49	1.34	1.26	1.35
Calcium, mg./lb.	25.31	23.27	24.49	25.67	24.22	23.72
Phosphorus, g./lb.	1.56	1.56	1.72	1.54	1.50	1.61
Whole body						
Iron, mg./lb.	63.05	64.41	68.95	73.48	74.84	77.56
Copper, mg./lb.	4.31	2.81	2.77	2.72	2.45	2.63
Zinc, mg./lb.	27.08	33.75	32.43	32.43	31.98	33.34
Magnesium, mg./lb.	331.12	445.43	439.08	433.18	453.14	441.80
Manganese, mg./lb.	0.06	1.53	1.69	1.51	1.60	1.56
Calcium, g./lb.	7.58	11.97	10.75	11.29	11.57	11.39
Phosphorus, g./lb.	5.22	7.03	6.80	6.67	6.94	6.80

[a]Data are least squares means: BL = Baseline (n = 5; mean weight = 13 lb.; 19 ± 3 days of age). For other data, n = six per treatment (mean weight = 40.6 lb.; 54 ± 3 days of age).