

Table 1. Sow Technical Parameters^{ab}			
	Creep Feeder Design		
Treatment	Rotary feeder with hopper	Rotary feeder without hopper	Pan feeder
No. of litters	18	18	18
No. of pigs	189	188	185
Average parity	2.1	2.2	2.0
Lactation length, days	21.1	21.2	21.2
Sow weight, lb.			
Post-farrowing	504	511	503
Weaning	478	485	484
Change	-26	-26	-19
Lactation feed intake, lb.			
Total	227.4	232	246.5
Average daily feed intake	11.3	11.5	12.2
^a Two groups of sows (total =54, PIC Line 1050) were blocked according to day of farrowing and parity and allotted to the three treatments.			
^b Creep feed with 1.0% chromium oxide was offered ad libitum from day 18 to weaning (20 days).			

Table 2. Effects of Different Creep Feeder Designs on Pig and Litter Performance^{ab}			
	Feeder Design		
Treatment	Rotary feeder with hopper	Rotary feeder without hopper	Pan feeder
No. of litters	18	18	18
No. of pigs/litter			
Day 18 (start creep)	10.5	10.4	10.3
Day 21 (weaning)	10.5	10.4	10.3
Pig weights, lb.			
Post-fostering	3.0	3.0	3.0
Day 18 (start creep)	10.8	11.3	11.4
Day 21 (weaning)	12.4	13.1	13.1
Total gain (day 18-21), lb.	1.6	1.8	1.7
Daily gain (day 18-21), lb.	0.54	0.59	0.58
Litter weights, lb.			
Post-fostering	31.6	31.4	31.0
Day 18 (start creep)	113.4	117.6	117.3
Day 21 (weaning)	130.3	135.9	135.2
Total gain (day 18-21), lb.	16.9	18.4	17.9
Daily gain (day 18-21), lb.	5.64	6.12	5.96
^a Two groups of sows (total =54, PIC Line 1050) were blocked according to day of farrowing and parity and allotted to the three treatments.			
^b Creep feed with 1.0% chromium oxide was offered ad libitum from day 18 to weaning (20 days).			

Figure 1. Total Creep Feed Disappearance Between Different Creep Feeder Designs

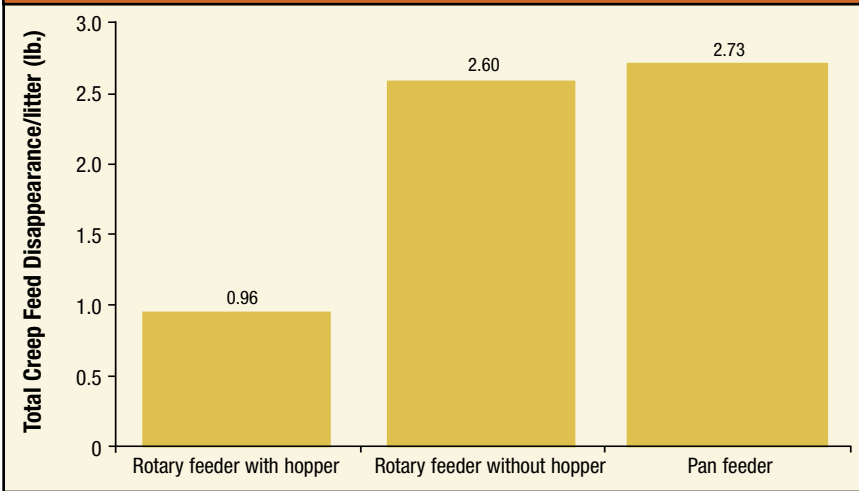


Figure 2. Effect of Creep Feeder Design on Creating Eaters (number of pigs in parentheses)

