

PIC HOGS: A BRIEF SUMMARY

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Less than two years ago, the Research Center repopulated its swine herd with Pig Improvement Company (**PIC**) Camborough-15 (**C-15**) females and Line 326 boars.

So far, the C-15 female has proven to be a prolific, heavy milking, durable pig that is easy to manage in semi-confinement. Since the Center's facilities are semi-confinement, and situated in an environment characterized as having cold winters and hot summers, a durable pig was essential. Many of the original sows are now in their fourth parity, and have demonstrated environmental durability and a solid ability to farrow and wean acceptably large litters. Post farrowing cyclicity and pregnancy have been encouraging. At this writing, the herd farrowing rate stands at 87%. Other sow performance parameters have been summarized in [Table 1](#), of a separate report titled, "Effect of Winter Gestation Energy Level on Sow Productivity", found elsewhere in the Swine Section of this livestock report.

Feeder pigs produced in the All In/All Out group management system, are, for the most part, sold as feeder pigs. Those retained are utilized in growing/finishing studies. A sample of the C-15 x 326 matings were grown out and finished last winter to evaluate performance, especially, cold weather performance. One Hundred-fifteen barrows and gilts were fed and marketed through the John Morrell & Co., packing plant in Sioux Falls, SD. Feed consumption, growth performance, and return/pig have been summarized in Table 1, and a summary of slaughter data is shown in [Table 2](#).

The data presented here characterizes the C-15 x 326 cross as a functional, meat pig with lean qualities, yet possess enough fat cover, for insulation, to perform well outdoors in North Dakota.

Table 1. PIC Slaughter hog close out: Ingredients fed, growth performance, costs and returns

FEED CONSUMPTION

Ingredient	%	LBS./Pig	Cost/LB.	Total
Wheat	6.17	43.5	.0633	2.75
Barley	78.4	552.2	.035	19.33
SBOM	12.4	87.2	.099	8.63
Dical Phos.	1.02	7.2	.299	1.65
Calcium Carbonate	.85	6.0	.0692	.42
Trace Mineral Salt	.41	2.9	.0742	.22
Vitamin A, D & E	.05	.34	.6717	.23
Vitamin B Complex	.17	1.23	.40	.49
Zinc Sulfate	.01	.089	.22	.02
Lysine	.21	1.49	1.70	2.53
Sunflower Oil	.37	2.6	.27	.70
	100.00	704.75		\$36.97

GROWTH PERFORMANCE	
Market Weight	245.0
Feeder Pig Weight	42.0
Gain	203.0

COSTS AND RETURNS	
Feed Cost/Head	\$36.97
Feeder Pig Cost	\$32.90
Total Production Cost	\$69.87

Days Fed	127.0
ADG	1.60
Feed/Head/Day	5.55
Feed/Pound of Gain	3.47

Gross Slaughter Return	\$84.40
Less Production Cost	\$69.87
Return/Pig	\$14.53

Table 2. PIC Slaughter Hog Summary. Winter 1995													
No	Fat*	Loin*	Lean%	Hot Carc%	Yield	Y-Prem	\$Lean Prem	\$Sort	\$Gross	Ck-off	\$Ins	\$Frt	\$Net Return
14	.77	1.81	51	162	73.00	5.55	40.00	-32.00	1,191.55	4.17	2.62	58.90	1,125.86
20	.71	1.90	53	170	73.04	16.80	76.48	-11.91	1,739.17	6.09	3.83	87.50	1,641.75
30	.83	1.68	51	177	73.07	17.75	86.17	-.19	2,666.83	9.33	5.87	137.18	2,514.45
22	.67	1.98	55	179	73.10	64.78	108.05	-.58	2,049.65	7.17	4.51	99.09	1,938.88
21	.76	1.82	52	179	73.12	3.82	70.19	-13.86	1,857.40	6.50	4.09	97.57	1,749.24
8	.85	2.06	51	186	73.27	5.07	29.27	-5.40	819.82	2.87	1.80	38.29	776.86
115	.77	1.88	52.2	176	73.10	18.96	68.36	-10.66	10,324.42	36.13	22.72	518.53	9,747.04

* Fat-O-Meter Measurements

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