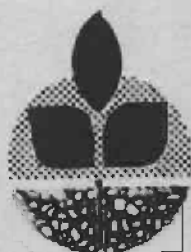


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Beef Progeny Testing Report 1974-1975



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Agricultural Experiment Station
Oregon State University, Corvallis



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BEEF PROGENY TESTING REPORT 1974-1975

A. T. Ralston and T. P. Davidson

High feed costs and modest beef prices make the exploitation of superior genetic material mandatory for success in the beef cattle business. However, progeny testing (the only positive means of identifying superior genetic material) is costly and a rather slow but sure method of improvement.

Proper conditioning of calves prior to enrollment in the progeny test program greatly improves the accuracy of the data collected and, of course, reduces the cost of the testing program. Furthermore, cattle with a history of disease problems increase disease problems for the rest of the test cattle and do poorly as individuals.

This progeny test period was one of high disease levels with higher than average death losses or removal of test animals from the program. With such losses from a sire group, it is difficult to separate the causes as to environmental or genetic effects. This leaves some doubt in the breeder's mind as to the true value of the sire being tested.

A comparison of average daily gains, live weight per day of age and carcass weight per day of age for six years of testing indicates that this year's performance was at least equal if not slightly above previous tests (Table 1).

Table 1. Summary of six years progeny testing for average daily gains, liveweight per day of age and carcass weight per day of age

Year	Average daily gain, lb		Liveweight/day, lb		Carcass weight/day, lb	
	Heifers	Steers	Heifers	Steers	Heifers	Steers
1969	2.39	2.60	2.08	2.22	1.24	1.34
1970	2.42	2.67	2.22	2.31	1.32	1.41
1971	2.69	2.76	2.24	2.40	1.32	1.46
1972	2.38	2.56	2.15	2.34	1.33	1.42
1973	2.15	2.79	2.23	2.45	1.32	1.46
1974	2.46	2.76	2.21	2.44	1.33	1.49

Each succeeding test has narrowed the variability among sires and within sire groups. This has been accomplished primarily by eliminating the poorer performance animals and having a greater number of animals approach a superior performance.

The rations were the same as in years past (Table 2). Steers were implanted with Sunovex S and the heifers with Synovex H.

Table 2. Progeny Testing Ration

Ingredients	to 650 lbs	650-850 lbs	850 to slaughter
	%	%	%
Alfalfa	20.00	15.00	10.00
Beet pulp	7.00	10.00	10.00
Steam rolled barley	54.75	59.25	66.75
Trace mineralized salt	.75	.75	.75
Limestone	.50	.50	.50
Molasses	7.00	7.00	7.00
OSU 40% protein	10.00	7.50	5.00

Two hundred thirty-three cattle from twenty breeders representing four states completed the test. The steers were marketed at 1,081 lbs liveweight which is about 50 lbs less than the previous year but carcass quality was not reduced. The heifers were also about 50 lbs lighter without loss of quality.

PEN NO.BREEDER'S NAME

1	Bartell Herefords, Bonanza, Oregon Starzman Herefords, Moses Lake, Washington Stone Herefords, Hermiston, Oregon
2	McBride Ranch, Granger, Washington
3	McBride Ranch, Granger, Washington
4	McBride Ranch, Granger, Washington
5	McBride Ranch, Granger, Washington
6	Norman Kagele, Ritzville, Washington
7	Norman Kagele, Ritzville, Washington Dashiehl Herefords, Fairfield, Washington
8	Dashiehl Herefords, Fairfield, Washington
9	Bartell Herefords, Bonanza, Oregon Starzman Herefords, Moses Lake, Washington Bill Bennett, Connell, Washington
10	Richard Vaile, Alsea, Oregon
11	Starzman Herefords, Moses Lake, Washington TT Herefords, Connell, Washington
12	Roy Leverenz, Wallowa, Oregon
13	Stone Herefords, Hermiston, Oregon
14	Stone Herefords, Hermiston, Oregon
15	Stone Herefords, Hermiston, Oregon
16	Stone Herefords, Hermiston, Oregon
17	Stone Herefords, Hermiston, Oregon
18	TT Herefords, Connell, Washington
19	TT Herefords, Connell, Washington
20	TT Herefords, Connell, Washington
21	Bill Bennett, Connell, Washington
22	Bill Bennett, Connell, Washington
23	Don Haggland, Salmon, Idaho Mrs. Molly Knudtsen, Austin Nevada
24	Don Meier, Scappoose, Oregon
25	G.I. Ranch, Brothers, Oregon
26	Robert Andrews, Prosser, Washington
27	Robert Andrews, Prosser, Washington
28	Cowan Bros. Reedsport, Oregon
29	TT Herefords, Connell, Washington
30	Ernest Patjens, Maupin, Oregon
31	Ernest Patjens, Maupin, Oregon
32	Ernest Patjens, Maupin, Oregon

SUMMARY OF PROGENY TESTING 1974-75 STEERS

Pen no.	No. feed	Days on	Initial wt. lbs.	Final wt. lbs.	ADG lbs.	Age days	Wt/day of age lbs.	Carcass wt. lbs.	Carcass wt/day lbs.	Conf!	MS ²	Gr ³	BF	Ribeye sq.in.	Yield of trim %	Daily cuts eaten ⁴ lb.	Lbs of feed/cwt gain ⁴	Feed cost/cwt gain ⁴ \$
1	3	196	597	1102	2.58	437	2.52	648	1.49	17	11	16	.69	11.6	48.8			
	1	148	650	1105	3.07	422	2.62	643	1.52	19	10	15	.80	10.5	47.5			
	4	166	645	1113	2.94	449	2.50	667	1.50	19	12	16	.69	11.4	48.7	19.9	724	45.76
2	8	196	516	1078	2.88	446	2.42	666	1.49	20	11	13	.72	11.3	48.3	20.0	716	44.47
3	5	185	575	1093	2.78	457	2.40	665	1.46	18	11	14	.63	10.8	48.4	19.9	710	45.35
6	6	225	450	1028	2.58	472	2.19	625	1.33	18	11	15	.76	11.1	48.2	19.0	738	47.06
8	5	184	534	1076	2.95	416	2.59	660	1.59	18	11	15	.75	11.2	48.1	20.2	685	44.38
10	8	217	524	1216	3.24	459	2.66	742	1.62	19	9	14	.47	14.5	51.4	21.9	685	43.63
11	2	210	498	1040	2.58	449	2.32	631	1.41	20	10	15	.61	11.4	49.3			
	3	196	463	1070	3.10	468	2.32	651	1.39	18	10	15	.72	10.4	48.0	20.3	705	45.41
12	6	195	538	1049	2.64	449	2.34	644	1.44	19	11	15	.87	10.2	46.7	20.3	774	49.72
14	6	155	730	1158	2.78	437	2.66	707	1.62	18	13	16	.64	12.2	49.0	21.9	789	49.07
15	6	183	668	1109	2.42	441	2.49	680	1.52	18	11	15	.66	11.8	49.4	20.4	847	53.57
16	6	183	646	1123	2.62	448	2.51	683	1.53	17	9	14	.77	12.1	48.5	21.1	807	51.17
17	7	186	579	1113	2.87	445	2.51	683	1.54	17	11	15	.86	11.5	47.4	21.5	748	47.62
18	7	209	491	1085	2.88	441	2.48	669	1.53	19	11	15	.95	11.1	46.8	19.6	689	44.19
19	8	220	519	1020	2.29	476	2.14	623	1.31	19	12	16	.80	9.9	47.2	19.0	834	54.10
20	9	244	434	1052	2.53	429	2.45	637	1.49	18	11	15	.72	10.7	48.0	17.5	692	44.79
21	11	175	639	1131	2.82	427	2.65	681	1.60	18	10	15	.81	11.3	47.7	21.2	756	48.34
22	9	196	526	1073	2.81	411	2.61	641	1.57	17	11	15	.72	10.8	48.1	19.8	710	45.46
23	3	231	420	1017	2.59	463	2.19	615	1.33	19	10	15	.66	10.6	48.5			
	3	216	463	1032	2.65	442	2.34	648	1.47	19	12	16	.77	10.8	47.7	20.1	772	49.95
24	12	242	415	1137	3.00	441	2.58	680	1.54	18	15	17	.54	11.6	49.3	20.0	669	43.39
25	8	199	410	941	2.69	415	2.27	578	1.39	19	15	17	.76	10.4	48.1	19.8	742	48.08
26	6	194	609	1063	2.36	473	2.24	651	1.38	18	11	15	.71	11.4	48.5	17.2	735	49.51
28	11	197	529	997	2.38	458	2.18	613	1.34	20	13	16	.72	11.0	48.5	16.9	712	45.27
29	9	201	580	1119	2.70	449	2.51	692	1.55	18	11	15	.75	10.8	47.5	19.3	745	47.16
30	8	196	560	1168	3.12	437	2.68	712	1.63	19	12	16	.62	12.0	49.0	22.9	737	46.41
31	8	211	484	1099	2.92	439	2.51	690	1.58	18	10	15	.59	12.0	49.3	20.7	715	45.56
32	8	209	405	1013	2.92	418	2.42	625	1.50	20	13	17	.78	11.2	48.2	19.6	671	43.48
Ave	196	199	537	1081	2.76	444	2.44	658	1.49	18	11	15	.72	11.3	48.3	20.0	735	47.03

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

⁴Figures in these columns are for the total pen.

SUMMARY OF PROGENY TESTING 1974-75 HEIFERS

Pen no. No.	Days on feed	Initial wt. lbs.	Final wt. lbs.	ADG lbs.	Age days	Wt/day of age lb.	Carcass wt. lbs.	Carcass wt/day lbs.	Conf ¹	MS ²	Gr ³	BF	Ribeye sq.in.	Yield of trim cuts %	Daily feed eaten ⁴ lb.	Lbs of feed/cwt gain ⁴	Feed cost/cwt gain ⁴ \$
4 7	166	542	955	2.50	440	2.17	570	1.29	18	11	15	.70	9.8	48.1	20.0	805	51.22
5 7	173	504	941	2.54	431	2.19	575	1.34	17	11	16	.63	10.9	49.3	19.1	755	48.12
7 5	183	444	937	2.70	430	2.18	563	1.31	17	12	15	.61	10.8	49.5			
3 172	495		973	2.78	404	2.41	591	1.46	17	15	17	.94	9.8	46.6	18.9	694	44.74
9 2	183	498	940	2.42	432	2.18	546	1.27	18	9	14	.53	11.3	50.4			
2 180	518		930	2.29	423	2.20	562	1.33	18	10	15	.75	10.2	32.1			
5 185	505		904	2.17	419	2.16	545	1.30	17	11	15	.81	10.1	48.0	17.4	773	49.42
13 9	170	594	988	2.33	442	2.24	595	1.35	17	10	15	.71	10.7	48.5	21.7	937	59.34
27 7	176	543	971	2.44	444	2.19	591	1.33	18	12	16	.77	10.7	48.1	18.4	754	48.45
Ave 47	176	516	949	2.46	429	2.21	571	1.33	17	11	15	.72	10.5	46.7	19.3	787	50.22

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

⁴Figures in these columns are for the total pen.

PROGENY TEST 1974-75

PEN 1. Bartell, Starzman, Stone*

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf ¹	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
15	189	615	1150	2.83	440	2.61	660	1.50	17	12	17	.82	11.0	47.5
16	200	560	1065	2.53	429	2.48	643	1.50	18	12	16	.63	12.1	49.6
17	200	615	1090	2.38	441	2.47	642	1.46	16	10	15	.63	11.8	49.4
Total	589	1790	3305	7.74	1310	7.56	1945	4.46	51	34	48	2.08	34.9	146.5
Average	196	597	1102	2.58	437	2.52	648	1.49	17	11	16	.69	11.6	48.8
112	148	650	1105	3.07	422	2.62	643	1.52	19	10	15	.80	10.5	47.5
126	170	640	1060	2.47	460	2.30	685	1.49	18	15	16	.87	11.2	47.0
128	128	725	1255	4.14	414	3.03	730	1.76	20	10	14	.47	13.0	51.0
129	164	655	1145	2.99	435	2.63	695	1.60	18	11	16	.82	12.3	48.2
130	200	560	990	2.15	488	2.03	557	1.14	18	13	16	.58	9.2	48.4
Total	662	2580	4450	11.75	1797	9.99	2667	5.99	74	49	62	2.74	45.7	194.6
Average	166	645	1113	2.94	449	2.50	667	1.50	19	12	16	.69	11.4	48.7

*No. 125, 127 - off test

PEN 2. McBride*

78	210	535	1090	2.64	455	2.40	655	1.44	20	9	14	.57	11.1	49.1
79	210	525	1040	2.45	461	2.26	648	1.41	20	10	15	.67	10.6	48.2
82	200	505	1090	2.93	450	2.42	674	1.50	20	12	16	.63	11.8	49.0
84	183	530	1080	3.01	439	2.46	660	1.50	20	11	--	.78	11.2	47.7
85	200	525	1080	2.78	454	2.38	680	1.50	19	12	16	.63	12.1	49.6
89	183	535	1120	3.20	430	2.60	687	1.60	19	12	16	.70	13.0	49.3
90	183	500	1090	3.22	442	2.47	665	1.50	18	9	14	.93	9.6	45.9
91	200	475	1035	2.80	439	2.36	655	1.49	20	12	16	.83	10.7	47.3
Total	1569	4130	8625	23.03	3570	19.35	5324	11.94	156	87	107	5.74	90.1	386.1
Average	196	516	1078	2.88	446	2.42	666	1.49	20	11	13	.72	11.3	48.3

*No. 87 - died

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 3. McBride*

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/ day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf!	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
76	200	590	1000	2.05	484	2.07	602	1.24	17	10	14	.60	.9.7	48.3
81	183	615	1135	2.60	471	2.41	690	1.46	18	12	14	.55	12.3	49.8
83	170	580	1115	3.15	434	2.57	678	1.56	17	11	15	.62	10.6	48.2
86	200	490	1090	3.00	473	2.30	664	1.40	18	12	14	.63	10.0	47.9
88	170	600	1125	3.09	425	2.65	692	1.63	20	9	14	.73	11.2	47.7
Total	923	2875	5465	13.89	2287	12.00	3326	7.29	90	54	71	3.13	53.8	241.9
Average	185	575	1093	2.78	457	2.40	665	1.46	18	11	14	.63	10.8	48.4

*No. 77, 80 died.

PEN 4. McBride*

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/ day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf!	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
92	177	545	950	2.29	447	2.13	583	1.30	18	13	16	.92	10.0	46.8
94	148	600	1020	2.84	435	2.34	605	1.39	18	12	16	.57	10.1	48.8
97	177	500	955	2.57	444	2.15	555	1.25	17	9	14	.52	10.2	49.6
100	177	555	910	2.01	441	2.06	560	1.27	18	15	17	.90	8.8	46.4
101	177	525	1010	2.74	444	2.27	590	1.33	17	11	15	.63	10.5	48.9
105	128	530	845	2.46	410	2.06	497	1.21	17	7	11	.55	9.1	49.1
106	177	540	995	2.57	462	2.15	598	1.29	19	12	16	.83	10.0	47.3
Total	1161	3795	6685	17.48	3083	15.16	3988	9.04	124	79	105	4.92	68.7	336.9
Average	166	542	955	2.50	440	2.17	570	1.29	18	11	15	.70	9.8	48.1

*No. 95 died.

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 5. McBride

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age (lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf!	MS ²	Grade ³	BF (in)	Ribeye sq.in.	Yield %
93	148	585	1030	3.01	392	2.63	623	1.59	17	12	17	.50	12.2	50.5
96	177	490	955	2.63	420	2.27	588	1.40	17	9	14	.67	10.5	48.7
98	170	525	1000	2.79	425	2.35	609	1.43	14	11	15	.87	11.1	47.7
99	183	470	910	2.40	450	2.02	550	1.22	17	12	16	.68	10.4	48.9
102	170	500	950	2.65	459	2.07	570	1.24	17	12	16	.45	11.7	51.0
103	183	470	835	1.99	442	1.89	531	1.20	17	12	16	.50	10.5	50.3
104	183	485	910	2.32	432	2.11	557	1.29	17	12	16	.77	9.9	48.0
Total	1214	3525	6590	17.79	3020	15.34	4028	9.37	116	80	110	4.44	76.3	345.1
Average	173	504	941	2.54	431	2.19	575	1.34	17	11	16	.63	10.9	49.3

PEN 6. Kagele*

56	192	505	1045	2.81	435	2.40	633	1.46	18	10	15	.90	10.9	47.0
58	210	445	1055	2.86	456	2.31	643	1.41	19	11	16	.87	11.7	47.9
63	238	425	1050	2.63	508	2.07	611	1.20	16	12	16	.68	10.7	48.5
54	231	455	1080	2.71	469	2.30	672	1.43	19	13	16	.72	11.0	48.0
65	238	410	895	2.04	482	1.86	556	1.15	18	9	14	.70	11.3	49.3
55	238	460	1040	2.44	480	2.17	637	1.33	20	9	14	.67	11.1	48.7
Total	1347	2700	6165	15.49	2830	13.11	3752	7.98	110	64	91	4.54	66.7	289.4
Average	225	450	1028	2.58	472	2.19	625	1.33	18	11	15	.76	11.1	48.2

*No. 62 died.

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 7. Kagele, Dashiell

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf ¹	MS ²	Grade ³	BF (in)	Ribeye sq.in.	Yield %
61	192	400	895	2.58	427	2.10	544	1.27	17	13	16	.63	10.6	49.3
59	192	400	875	2.47	425	2.06	522	1.23	17	8	14	.40	10.5	51.0
60	177	440	970	2.99	414	2.34	585	1.41	17	11	14	.62	11.1	49.3
57	183	440	925	2.65	425	2.18	567	1.33	17	14	16	.83	11.6	48.7
64	170	540	1020	2.83	458	2.23	599	1.31	18	12	16	.57	10.4	49.1
Total	914	2220	4685	13.52	2149	10.91	2817	6.55	86	58	76	3.05	54.2	247.4
Average	183	444	937	2.70	430	2.18	563	1.31	17	12	15	.61	10.8	49.5
53	177	515	960	2.51	418	2.29	590	1.41	17	18	17	.97	10.0	46.6
51	170	450	950	2.94	394	2.41	573	1.45	17	12	16	.85	9.4	47.0
52	170	520	1010	2.88	401	2.52	610	1.52	18	15	17	1.00	10.0	46.1
Total	517	1485	2920	8.33	1213	7.22	1773	4.38	52	45	50	2.82	29.4	139.7
Average	172	495	973	2.78	404	2.41	591	1.46	17	15	17	.94	9.8	46.6

PEN 8. Dashiell*

45	189	600	1115	2.72	432	2.58	692	1.60	16	14	16	.73	10.5	47.5
46	177	500	1075	3.25	403	2.67	667	1.66	18	11	15	.62	12.8	50.0
47	189	495	1020	2.78	415	2.46	608	1.46	17	10	14	.68	10.1	48.2
48	177	510	1085	3.25	414	2.62	650	1.57	19	12	16	.85	12.0	48.2
50	189	565	1085	2.75	418	2.60	685	1.64	18	8	14	.85	10.7	46.8
Total	921	2670	5380	14.75	2082	12.93	3302	7.93	88	55	75	3.73	56.1	240.7
Average	184	534	1076	2.95	416	2.59	660	1.59	18	11	15	.75	11.2	48.1

*No. 49 - died.

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 9. Bartell, Starzman, Bennett

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf!	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
18	183	460	945	2.65	424	2.23	550	1.30	17	9	14	.58	11.1	49.8
19	183	535	935	2.19	440	2.13	541	1.23	18	9	14	.47	11.5	51.0
Total	366	995	1880	4.84	864	4.36	1091	2.53	35	18	28	1.05	22.6	100.8
Average	183	498	940	2.42	432	2.18	546	1.27	18	9	14	.53	11.3	50.4
114	177	560	930	2.09	422	2.20	573	1.36	18	8	14	.62	10.6	49.1
113	183	475	930	2.49	424	2.19	551	1.30	17	12	16	.87	9.8	47.3
Total	360	1035	1860	4.58	846	4.39	1124	2.66	35	20	30	1.49	20.4	96.4
Average	180	518	930	2.29	423	2.20	562	1.33	18	10	15	.75	10.2	32.1
44	192	475	905	2.24	425	2.13	553	1.30	18	14	16	.78	10.4	48.2
40	170	505	930	2.50	416	2.24	565	1.36	17	10	15	.87	9.7	47.3
42	192	505	930	2.21	422	2.20	558	1.32	17	16	17	1.03	9.5	46.1
41	192	500	800	1.56	425	1.88	471	1.11	17	7	13	.60	9.3	49.3
43	177	540	955	2.34	406	2.35	578	1.42	18	10	15	.78	11.7	48.9
Total	923	2525	4520	10.85	2094	10.80	2725	6.51	87	57	76	4.06	50.6	239.8
Average	185	505	904	2.17	419	2.16	545	1.30	17	11	15	.81	10.1	48.0

PEN 10. Valle

428	231	395	1055	2.86	436	2.42	693	1.59	20	6	13	.38	15.2	52.8
804	200	610	1290	3.40	434	2.97	770	1.77	20	9	14	.70	13.2	48.9
403	200	595	1295	3.50	457	2.83	820	1.79	17	7	12	.30	18.1	54.2
414	231	520	1185	2.88	469	2.53	625	1.33	17	12	16	.73	12.0	49.0
1892	177	620	1360	4.18	415	3.28	835	2.01	19	6	13	.37	17.0	53.0
406	231	545	1230	2.97	486	2.53	791	1.63	20	11	15	.50	14.7	51.0
402	231	500	1240	3.20	489	2.54	725	1.48	18	8	13	.35	13.9	51.7
405	231	405	1075	2.90	486	2.21	677	1.39	20	12	16	.40	12.1	50.5
Total	1732	4190	9730	25.89	3672	21.31	5936	12.99	151	71	112	3.73	116.2	411.1
Average	217	524	1216	3.24	459	2.66	742	1.62	19	9	14	.47	14.5	51.4

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 11. Starzman, Thompson*

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age (lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf!	MS ²	Grade ³	BF (in)	Ribeye sq. in.	Yield %
111	210	490	1060	2.71	451	2.35	631	1.40	20	9	14	.53	12.5	50.5
110	210	505	1020	2.45	447	2.28	630	1.41	20	11	16	.68	10.3	48.1
Total	420	995	2080	5.16	898	4.63	1261	2.81	40	20	30	1.21	22.8	98.6
Average	210	498	1040	2.58	449	2.32	631	1.41	20	10	15	.61	11.4	49.3
159	189	480	1060	3.07	463	2.29	649	1.40	18	9	14	.98	9.9	46.6
160	189	470	1095	3.31	471	2.32	645	1.37	17	9	14	.67	10.4	48.2
163	210	440	1055	2.93	470	2.24	660	1.40	20	12	16	.50	10.8	49.2
Total	588	1390	3210	9.31	1404	6.85	1954	4.17	55	30	44	2.15	31.1	144.2
Average	196	463	1070	3.10	468	2.28	651	1.39	18	10	15	.72	10.4	48.0

*No. 164 - died

PEN 12. Leverenz

70	170	610	1115	2.97	441	2.53	698	1.58	20	11	15	.93	10.0	45.7
71	189	545	1055	2.70	434	2.43	654	1.51	18	8	14	.72	10.7	48.0
72	200	520	1040	2.60	442	2.35	616	1.39	18	10	14	.75	9.0	46.8
73	189	575	1085	2.70	445	2.44	666	1.50	17	11	15	1.10	10.1	45.2
74	210	480	980	2.38	464	2.11	610	1.31	20	14	16	.87	10.9	47.5
75	210	500	1020	2.48	466	2.19	620	1.33	20	10	14	.83	10.2	47.2
Total	1168	3230	6295	15.83	2692	14.05	3864	8.62	113	64	88	5.20	60.9	280.4
Average	195	538	1049	2.64	449	2.34	644	1.44	19	11	15	.87	10.2	46.7

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 13. Stone*

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf!	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
149	170	610	1000	2.29	442	2.26	605	1.37	17	12	16	.80	10.5	47.7
150	183	580	960	2.08	454	2.11	584	1.29	17	12	16	.68	10.7	48.9
151	183	590	950	1.97	446	2.13	565	1.27	17	12	16	.77	10.8	48.4
152	170	565	965	2.35	442	2.18	570	1.29	16	9	14	.75	9.4	47.5
153	148	620	1015	2.67	410	2.48	610	1.49	16	9	14	.67	11.5	49.1
154	183	545	975	2.35	466	2.09	594	1.27	18	9	14	.60	10.2	48.9
155	177	580	975	2.23	437	2.23	594	1.36	18	7	13	.92	12.2	48.4
156	170	585	1020	2.56	450	2.27	616	1.37	16	12	16	.55	10.4	49.1
157	148	670	1035	2.47	427	2.42	618	1.45	17	9	14	.62	10.8	48.9
Total	1532	5345	8895	20.97	3974	20.17	5356	12.16	152	91	133	6.36	96.5	436.9
Average	170	594	988	2.33	442	2.24	595	1.35	17	10	15	.71	10.7	48.5

*No. 158 - off test.

PEN 14. Stone

131	148	755	1185	2.91	437	2.71	727	1.66	18	12	16	.63	13.2	49.6
132	170	640	1090	2.65	448	2.43	657	1.47	17	12	16	.80	10.1	47.0
133	128	825	1200	2.93	413	2.91	721	1.75	20	11	15	.50	13.6	50.7
134	148	760	1190	2.91	436	2.73	734	1.68	17	12	16	.60	12.1	48.9
135	164	740	1185	2.71	441	2.69	717	1.63	18	17	17	.53	11.5	49.1
123	170	660	1100	2.59	445	2.47	685	1.54	18	11	15	.77	12.5	48.7
Total	928	4380	6950	16.70	2620	15.94	4241	9.73	108	75	95	3.83	73.0	294.0
Average	155	730	1158	2.78	437	2.66	707	1.62	18	13	16	.64	12.2	49.0

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 15. Stone

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf ¹	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
137	200	600	1030	2.15	465	2.22	632	1.36	17	11	15	.72	10.2	47.7
140	170	700	1150	2.65	433	2.66	711	1.64	20	10	14	.57	12.7	49.8
141	189	680	1145	2.46	457	2.51	700	1.53	17	9	14	.95	11.2	49.8
142	170	720	1110	2.29	432	2.57	688	1.59	20	15	17	.43	13.3	51.2
143	200	660	1095	2.18	464	2.36	686	1.48	17	12	16	.72	12.1	48.7
147	170	650	1125	2.79	432	2.60	662	1.53	19	9	14	.55	11.1	49.1
Total	1099	4010	6655	14.52	2683	14.92	4079	9.13	110	66	90	3.94	70.6	296.3
Average	183	668	1109	2.42	441	2.49	680	1.52	18	11	15	.66	11.8	49.4

PEN 16. Stone

138	189	650	1170	2.75	453	2.58	723	1.60	17	7	14	.78	13.5	49.1
139	189	600	1040	2.33	449	2.32	623	1.39	17	9	14	.63	10.7	48.9
144	189	620	1135	2.72	447	2.54	669	1.50	16	13	16	1.21	10.8	45.2
145	189	665	1150	2.57	477	2.41	704	1.48	16	9	14	.75	12.0	48.2
146	170	680	1095	2.44	428	2.56	669	1.56	19	10	14	.60	12.7	50.0
148	170	660	1150	2.88	431	2.67	710	1.65	18	8	14	.65	12.6	49.3
Total	1096	3875	6740	15.69	2685	15.08	4098	9.18	103	56	86	4.62	72.3	290.7
Average	183	646	1123	2.62	448	2.51	683	1.53	17	9	14	.77	12.1	48.5

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 17. Stone*

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf!	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
115	170	560	1120	3.29	390	2.87	683	1.75	20	8	15	.82	11.4	47.8
116	189	620	1115	2.62	434	2.60	675	1.56	17	9	14	.68	10.7	48.0
117	189	635	1125	2.59	463	2.43	700	1.51	17	15	16	.93	12.5	47.5
118	189	545	1115	3.02	448	2.49	681	1.52	17	10	15	1.03	10.7	45.9
120	189	520	1095	3.04	454	2.41	665	1.46	17	13	16	1.10	11.0	45.9
122	189	550	1070	2.75	458	2.34	647	1.41	16	15	16	.60	11.4	49.3
124	189	620	1150	2.80	467	2.46	730	1.56	18	9	13	.88	12.5	47.7
Total	1304	4050	7790	20.11	3114	17.60	4781	10.77	122	79	105	6.04	80.2	332.1
Average	186	579	1113	2.87	445	2.51	683	1.54	17	11	15	.86	11.5	47.4

*No. 119 - died, No. 121, 136 - off test.

PEN 18. Thompson*

172	231	480	1000	2.25	473	2.11	622	1.32	20	11	15	.50	10.8	49.6
173	231	445	1055	2.64	482	2.19	680	1.41	19	12	16	1.10	11.0	45.7
174	189	545	1155	3.23	415	2.78	691	1.67	18	9	14	1.18	12.0	45.9
176	216	525	1090	2.62	473	2.30	674	1.43	20	11	14	1.03	11.3	46.4
177	189	525	1075	2.91	429	2.51	649	1.51	17	12	17	.78	10.7	47.7
178	216	410	1060	3.01	428	2.48	651	1.52	20	12	16	1.13	10.6	45.4
179	189	505	1160	3.47	387	3.00	715	1.85	18	8	14	.95	11.5	46.8
Total	1461	3435	7595	20.13	3087	17.37	4682	10.71	132	75	106	6.67	77.9	327.5
Average	209	491	1085	2.88	441	2.48	669	1.53	19	11	15	.95	11.1	46.8

*No. 175 - off test.

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 19. Thompson.

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf ¹	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
180	231	500	975	2.06	475	2.05	629	1.32	18	13	16	.80	10.6	47.5
181	231	490	1005	2.23	465	2.16	623	1.34	18	11	15	.80	9.3	46.7
182	231	505	970	2.01	472	2.06	611	1.29	17	11	16	.67	10.8	48.7
183	209	485	1095	2.92	456	2.40	656	1.44	20	12	16	.97	10.0	45.9
184	209	595	1070	2.27	487	2.20	662	1.36	20	8	14	.93	10.4	46.5
185	209	540	1070	2.54	490	2.18	660	1.35	20	15	17	.82	9.4	46.4
186	209	580	1110	2.54	491	2.26	593	1.21	20	15	17	.70	9.4	47.6
192	231	460	870	1.77	474	1.84	552	1.16	19	14	17	.68	9.6	48.2
Total	1760	4155	8165	18.34	3810	17.15	4986	10.47	152	99	128	6.37	79.5	377.5
Average	220	519	1020	2.29	476	2.14	623	1.31	19	12	16	.80	9.9	47.2

PEN 20. Thompson*

188	245	450	1185	3.00	429	2.76	720	1.69	20	12	16	.77	11.5	47.6
189	252	420	1005	2.32	443	2.27	603	1.36	18	10	15	.82	9.9	47.2
190	245	460	1010	2.24	437	2.31	608	1.39	17	11	15	.52	10.2	49.1
191	245	440	1120	2.78	437	2.56	665	1.52	17	15	17	.67	11.4	48.0
194	245	405	1015	2.49	420	2.42	614	1.46	19	9	14	.65	11.0	48.9
193	245	400	1040	2.61	421	2.47	638	1.52	18	12	16	.85	11.0	47.5
195	252	420	1005	2.32	428	2.35	612	1.43	19	12	16	.52	10.2	49.0
196	216	470	1055	2.71	409	2.58	645	1.58	20	11	15	.87	10.2	46.7
197	252	445	1030	2.32	436	2.36	632	1.45	18	11	15	.78	11.2	48.1
Total	2197	3910	9465	22.79	3860	22.08	5737	13.40	166	103	139	6.45	96.6	432.1
Average	244	434	1052	2.53	429	2.45	637	1.49	18	11	15	.72	10.7	48.0

*No. 187 - died.

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 21. Bennett

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf!	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
22	189	645	1180	2.83	470	2.51	704	1.50	18	10	14	.57	13.0	50.0
30	170	590	1110	3.06	408	2.72	686	1.68	20	12	16	.80	11.1	47.5
28	164	665	1130	2.84	423	2.67	686	1.62	19	10	15	.87	11.1	47.0
20	128	710	1120	3.20	399	2.81	681	1.71	20	12	16	.57	11.8	49.3
31	189	600	1120	2.75	449	2.49	671	1.49	17	14	18	.93	11.0	46.8
21	164	670	1180	3.11	435	2.71	712	1.64	20	13	16	.93	10.8	46.4
27	189	675	1185	2.70	431	2.75	718	1.67	18	10	14	.75	11.3	47.7
35	170	695	1120	2.50	424	2.64	674	1.59	18	10	15	.98	11.3	48.2
38	189	630	1150	2.75	430	2.67	685	1.59	18	8	14	.92	11.2	46.8
29	189	585	1115	2.80	394	2.83	658	1.67	17	5	14	.85	11.1	47.5
36	189	565	1030	2.46	438	2.35	611	1.39	17	8	13	.73	10.2	47.9
Total	1930	7030	12440	31.00	4701	29.15	7486	17.55	202	112	165	8.90	123.9	525.1
Average	175	639	1131	2.82	427	2.65	681	1.60	18	10	15	.81	11.3	47.7

PEN 22. Bennett

32	189	570	1180	3.23	432	2.73	722	1.67	18	10	14	.80	11.3	47.3
33	192	530	1070	2.81	412	2.60	632	1.53	18	12	16	.83	8.9	46.1
37	216	565	1020	2.11	458	2.23	586	1.28	17	9	14	.65	10.6	48.8
39	216	475	895	1.94	449	1.99	542	1.21	18	12	16	.43	11.3	51.1
23	189	545	1100	2.94	392	2.81	671	1.71	17	9	14	.80	11.8	48.2
26	192	520	1090	2.97	368	2.96	629	1.71	18	9	15	.87	9.7	46.5
24	192	480	1115	3.31	393	2.64	673	1.71	18	10	15	.63	12.0	49.2
34	189	575	1175	3.17	423	2.78	720	1.70	16	13	16	.93	11.2	46.6
25	192	470	1015	2.84	373	2.72	595	1.60	18	12	16	.57	10.3	49.1
Total	1767	4730	9660	25.32	3700	23.46	5770	14.12	158	96	136	6.51	97.1	432.9
Average	196	526	1073	2.81	411	2.61	641	1.57	17	11	15	.72	10.8	48.1

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 23. Haggland, Knudtsen*

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf!	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
107	238	400	950	2.31	465	2.04	579	1.25	20	9	14	.80	10.2	47.7
108	238	400	1050	2.73	466	2.25	615	1.32	17	12	16	.70	10.0	47.9
109	216	460	1050	2.73	458	2.29	650	1.42	20	9	14	.48	11.7	50.0
Total	692	1260	3050	7.77	13.89	6.58	1844	3.99	57	30	44	1.98	31.9	145.6
Average	231	420	1017	2.59	463	2.19	615	1.33	19	10	15	.66	10.6	48.5
66	216	515	1050	2.48	420	2.50	670	1.59	20	12	16	.85	11.1	47.4
68	231	450	1015	2.45	465	2.18	640	1.38	17	14	17	.60	11.5	49.2
69	200	425	1030	3.03	442	2.33	633	1.43	19	11	15	.87	9.8	46.6
Total	647	1390	3095	7.96	1327	7.01	1943	4.40	56	37	48	2.32	32.4	143.2
Average	216	463	1032	2.65	442	2.34	648	1.47	19	12	16	.77	10.8	47.7

*No. 67 - died

PEN 24. Meier

C7	238	395	1225	3.49	429	2.86	707	1.65	17	15	18	.52	12.6	50.0
C13	238	415	1125	2.98	432	2.60	661	1.53	17	18	17	.52	10.4	48.8
C27	238	435	1125	2.90	441	2.55	677	1.53	17	17	17	.47	11.1	49.3
C32	252	385	1135	2.98	446	2.54	686	1.54	18	15	17	.45	12.5	50.5
C35	200	465	1140	3.38	406	2.81	685	1.69	18	11	15	.50	10.7	48.9
8W	238	395	1190	3.34	435	2.74	687	1.58	20	13	16	.63	10.2	47.7
2013	238	445	1180	3.09	435	2.71	715	1.64	20	15	17	.77	11.6	47.7
2033	252	400	1065	2.64	465	2.29	638	1.37	17	17	17	.55	10.5	48.9
2080	252	395	1140	2.96	455	2.51	686	1.51	18	15	17	.60	12.5	49.7
511	252	435	1155	2.86	454	2.54	705	1.55	17	13	17	.55	11.5	49.0
2066	252	415	1050	2.52	446	2.35	620	1.39	18	16	17	.55	11.5	49.8
761	252	395	1115	2.86	447	2.49	693	1.55	16	11	15	.40	13.6	51.6
Total	2902	4975	13645	36.00	5291	30.99	8160	18.53	213	176	200	6.51	138.7	591.9
Average	242	415	1137	3.00	441	2.58	680	1.54	18	15	17	.54	11.6	49.3

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 25. G.I.*

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf!	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
212	192	415	1000	3.05	407	2.46	586	1.44	19	16	17	.87	10.6	47.5
225	177	440	930	2.77	397	2.34	568	1.43	19	14	17	.83	10.7	48.0
232	216	370	900	2.45	430	2.09	548	1.27	18	12	15	.77	9.3	47.5
233	216	390	960	2.64	425	2.26	582	1.37	17	13	16	.77	10.3	47.9
235	177	405	930	2.97	390	2.38	568	1.46	19	14	17	.73	9.9	48.2
240	170	450	955	2.97	391	2.44	592	1.51	20	17	16	.77	10.4	48.0
500	216	410	930	2.41	436	2.13	590	1.35	18	15	17	.70	10.4	48.3
520	231	400	925	2.27	449	2.06	588	1.31	20	15	17	.63	11.6	49.7
Total	1595	3280	7530	21.53	3325	18.16	4622	11.14	150	116	132	6.07	83.2	385.1
Average	199	410	941	2.69	415	2.27	578	1.39	19	15	17	.76	10.4	48.1

*No. 214 - died

PEN 26. Andrews*

1	216	570	1090	2.41	506	2.15	680	1.34	20	9	14	.90	10.5	46.5
2	189	670	1090	2.22	473	2.30	653	1.38	18	10	14	.58	11.9	49.6
3	164	675	1100	2.59	446	2.47	690	1.55	19	12	16	.72	13.2	49.5
5	189	630	1040	2.17	444	2.34	651	1.47	17	10	14	.78	11.2	48.0
6	189	575	1105	2.80	470	2.35	674	1.43	18	12	17	.72	11.3	48.2
7	216	535	955	1.94	498	1.92	558	1.12	17	12	16	.57	10.2	49.1
Total	1163	3655	6380	14.13	2837	13.53	3906	8.29	109	65	91	4.27	68.3	290.9
Average	194	609	1063	2.36	473	2.24	651	1.38	18	11	15	.71	11.4	48.5

*No. 4 - died

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 27. Andrews

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf!	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
8	177	525	980	2.57	447	2.19	603	1.35	18	11	15	.57	11.2	49.6
9	183	515	930	2.27	470	1.98	580	1.23	18	15	17	1.00	11.1	47.2
10	170	590	1025	2.56	449	2.28	621	1.38	18	12	16	.77	10.6	47.7
11	170	520	1000	2.82	403	2.48	600	1.49	18	11	15	.80	10.1	47.5
12	170	610	975	2.15	451	2.16	600	1.33	17	11	15	.62	11.7	49.7
13	177	515	955	2.49	432	2.21	577	1.34	18	8	14	.90	10.3	47.3
14	183	525	930	2.21	456	2.04	553	1.21	18	15	17	.73	9.8	48.0
Total	1230	3800	6795	17.07	3108	15.34	4134	9.33	125	83	109	5.39	74.8	337.0
Average	176	543	971	2.44	444	2.19	591	1.33	18	12	16	.77	10.7	48.1

PEN 28. Cowan*

H166	183	535	985	2.46	453	2.17	573	1.26	20	15	17	.68	11.3	49.3
HC4	209	540	1030	2.34	455	2.26	613	1.35	20	15	17	.93	10.1	46.6
HC18	177	600	1080	2.71	477	2.26	637	1.34	19	15	17	.73	9.4	47.0
HC9	216	580	1020	2.04	466	2.19	590	1.27	19	9	14	.45	10.8	50.2
H32	183	560	975	2.27	458	2.13	613	1.34	20	10	16	.50	13.3	51.5
H38	209	500	980	2.30	469	2.09	612	1.30	20	11	16	.93	11.7	47.9
H52	209	510	965	2.18	468	2.06	680	1.45	18	13	17	.83	10.1	46.6
H24A	209	475	970	2.37	457	2.12	610	1.33	20	12	16	.83	10.4	47.4
H33	183	540	985	2.43	455	2.16	598	1.31	20	15	17	.62	12.4	50.3
HC23	183	495	965	2.57	429	2.25	599	1.40	20	15	17	.57	11.7	50.0
HC2	209	485	1015	2.54	452	2.25	618	1.37	20	16	17	.80	9.4	46.8
Total	2170	5820	10970	26.21	5039	23.94	6743	14.72	216	146	181	7.87	120.6	533.6
Average	197	529	997	2.38	458	2.18	613	1.34	20	13	16	.72	11.0	48.5

*No. HC21 - died.

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 29. Thompson

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age(lb)	Warm wt. lbs.	Carcass wt/day lbs.	Conf!	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
161	231	480	1020	2.34	423	2.41	658	1.56	19	12	16	.63	11.4	48.9
162	216	505	1085	2.69	403	2.69	660	1.64	17	12	16	.50	10.4	48.9
170	231	415	1020	2.62	412	2.48	655	1.59	17	13	16	.63	9.7	47.7
166	148	745	1195	3.04	447	2.67	733	1.64	20	9	13	.82	11.1	46.9
167	183	660	1130	2.57	486	2.33	706	1.45	17	10	14	.90	10.7	46.4
168	209	540	1130	2.82	404	2.80	663	1.64	20	12	16	.75	9.8	47.0
169	189	650	1170	2.75	494	2.37	723	1.46	17	12	17	.90	10.9	46.5
165	216	595	1150	2.57	498	2.31	709	1.43	20	9	14	.80	12.0	48.0
171	189	630	1175	2.88	470	2.50	717	1.53	17	8	14	.83	11.3	47.2
Total	1812	5220	10075	24.28	4037	22.56	6224	13.94	164	97	136	6.76	97.3	427.5
Average	201	580	1119	2.70	449	2.51	692	1.55	18	11	15	.75	10.8	47.5

PEN 30. Patjens

416	189	560	1210	3.44	430	2.81	738	1.72	17	12	16	.62	12.1	48.9
305	189	595	1160	2.99	436	2.66	717	1.64	17	12	17	.73	11.7	48.1
310	189	565	1240	3.57	423	2.93	738	1.74	17	14	16	.47	10.9	48.9
302	216	575	1150	2.66	462	2.49	701	1.52	20	12	16	.43	14.0	51.5
436	216	550	1145	2.75	468	2.45	695	1.49	20	14	17	.60	12.4	49.6
316	200	555	1090	2.68	438	2.49	680	1.55	20	12	16	.53	12.2	49.8
448	189	540	1245	3.73	434	2.87	774	1.78	18	9	14	.65	12.7	48.8
309	177	540	1100	3.16	408	2.70	649	1.59	20	13	16	.93	10.3	46.5
Total	1565	4480	9340	24.98	3499	21.40	5692	13.03	149	98	128	4.96	96.3	392.1
Average	196	560	1168	3.12	437	2.68	712	1.63	19	12	16	.62	12.0	49.0

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice

PROGENY TEST 1974-75

PEN 31. Patjens

Animal No.	Days on feed	Initial wt. lbs.	Plant wt. lbs.	ADG lb.	Age days	Wt/day age(lb)	Warm wt. lbs.	Carcass wt./day lbs.	Conf ¹	MS ²	Grade ³	BF(in)	Ribeye sq.in.	Yield %
303	189	530	1145	3.25	416	2.75	698	1.68	17	10	14	.37	12.4	50.9
319	189	530	1110	3.07	439	2.53	679	1.55	16	11	16	.60	12.0	49.3
447	189	520	1125	3.20	415	2.71	714	1.72	18	9	14	.82	11.5	47.4
446	231	465	1035	2.47	451	2.29	655	1.45	19	15	18	.87	11.2	47.3
434	231	460	1130	2.90	448	2.52	731	1.63	19	8	14	.37	14.5	52.0
314	231	460	1180	3.11	459	2.57	721	1.57	20	11	15	.73	11.0	47.5
307	200	460	1055	2.98	418	2.52	644	1.54	18	13	16	.67	11.5	48.9
318	231	450	995	2.36	462	2.15	679	1.47	19	5	13	.25	12.2	51.4
Total	1691	3875	8775	23.34	3508	20.04	5521	12.61	146	82	120	4.68	96.3	394.7
Average	211	484	1099	2.92	439	2.51	690	1.58	18	10	15	.59	12.0	49.3

PEN 32. Patjens

317	200	440	990	2.75	421	2.35	614	1.46	19	12	16	.78	10.4	47.9
441	216	435	1135	3.24	426	2.66	700	1.64	20	12	16	.35	12.5	51.0
449	200	395	1005	3.05	405	2.48	619	1.53	20	15	17	1.03	10.4	46.3
322	210	415	1010	2.83	426	2.37	628	1.47	20	15	17	1.05	10.7	46.3
311	200	435	1060	3.13	411	2.58	655	1.59	20	14	17	.88	11.3	47.3
315	216	390	865	2.20	422	2.05	531	1.26	18	12	16	.78	10.2	48.2
312	216	350	915	2.62	419	2.18	574	1.37	20	14	17	.63	11.3	49.6
306	210	380	1125	3.55	413	2.72	681	1.65	20	12	16	.73	12.7	49.1
Total	1668	3240	8105	23.37	3343	19.39	5002	11.97	157	106	132	6.23	89.5	385.7
Average	209	405	1013	2.92	418	2.42	625	1.50	20	13	17	.78	11.2	48.2

¹Conformation 14 = average good, 17 = average choice

²Marbling score 12 = average small, 15 = average modest, 18 = average moderate

³Grade 14 = average good, 17 = average choice