



**2005
OKLAHOMA
MEAT BUCK PERFORMANCE TEST
FINAL REPORT
(9th Annual)**

May 7 - August 20, 2005

Sponsored by the
Oklahoma Meat Goat Association
and
Agricultural Research and Extension
Program at
Langston University

Introduction

Meat goat production represents the most rapidly growing animal industry in the US today, and is becoming a mainstream livestock enterprise. To further genetic progress through the identification of superior sires in the industry, Langston University and the Oklahoma Meat Goat Association established a meat goat performance test in 1997.

Entry

The ninth annual meat buck performance test started May 7, 2005 with 62 bucks enrolled from 19 different breeders. Breed and geographical distribution are given in the table below.

State	Boer	Kiko	Savanna	Grand Total
KS	2			2
MO	4			4
NE	4			4
OK	5	6	3	14
TX	36	2		38
Grand Total	51	8	3	62

Bucks were given a physical examination by Dr. Lionel Dawson, dewormed with Cydectin (moxidectin), deloused with Atroban De-Lice, given a preemptive injection of Nuflor for upper respiratory infections, and those bucks that needed booster or initial vaccinations for enterotoxemia and caseous lymphadenitis were given vaccinations. Four weeks after check-in, all bucks were given a booster vaccination for enterotoxemia and caseous lymphadenitis.

Half of the bucks were randomly assigned within breeder to either Calan feeders or Feed Intake Recording Equipment (FIRE) system.

Average age in days and entry weight are detailed in the table below.

Feeder Type	Trait	Average
Calan	Average of Age (d)	97.9
	Average of Entry Weight (lbs)	51.8
Fire	Average of Age (d)	102.0
	Average of Entry Weight (lbs)	51.3

Entrance weight for the 62 bucks averaged 51.5 lbs with a range of 30.8 to 78.2 lbs. Age at entry averaged 100.0 days with a range of 86 to 157 days.

Adjustment Period

The performance-testing facility only has 53 Calan feeders but 62 bucks enrolled. To accommodate all animals, the new Feed Intake Recording Equipment (FIRE) system was used. The FIRE system is a completely automated electronic feeding system, which was developed for swine but we have adapted it to goats. Animals wear an electronic eartag, which is read by an antenna in the feeder. The FIRE system automatically records body weight and feed intake. This year, half of the bucks are in the FIRE system and half are in the Calan feeders. For producers, who enrolled more than one buck in the Buck Performance Test, the test supervisor randomly assigned half of their bucks to the FIRE system and half to the Calan feeders. The training period was much shorter for the FIRE system than for the Calan feeders. However, the bucks on the Calan feeders mastered the Calan feeders and did quite well. With the combined FIRE system and Calan feeders, the Oklahoma Buck Performance Test Buck now has a capacity of 100 bucks.

Because the FIRE system has not previously been used with goats, Langston University determined the appropriate stocking density per FIRE feeder. As many as 10 young goats can share a FIRE feeder without adverse effects. Langston University also compared the FIRE system with the Calan feeders. We found no differences in average daily gain or feed intake of growing goats on the FIRE system and the well-established Calan feeders.

All bucks underwent an adjustment period of two weeks immediately after check-in. During the adjustment period, bucks were acclimated to the test ration and to the Calan feeders or to the FIRE system. For the Calan feeders, each buck wears a collar with an electronic “key” encased in hard plastic. The key unlocks the door to only one Calan feeder, thus enabling the buck to eat out of his individual feeder. Each morning, yesterday’s feed that remains in the Calan feeder is weighed and removed from the Calan feeder. Fresh feed is weighted and placed into the Calan feeder. The difference in weights between the fresh feed placed in the Calan feeder one morning and the remaining feed the next morning is the amount consumed. Because only one goat is capable of opening the Calan door and eating, it is possible to calculate the feed intake of the individual bucks. For the FIRE system, feed intake is automatically recorded every time a buck enters into the FIRE system to eat. The area immediately

around the Calan and FIRE feeders and waterers is concrete, however, the large majority of the inside pen is earth and is covered by pine shavings. Pine shavings were periodically added as needed to maintain fresh bedding. Bucks had free access to water provided by float-valve raised waterers. Whenever the weather was permitting, the bucks had access to the outside pens as well as the inside pens.

This year we were fortunate to hire a second year veterinary student from Oklahoma State University, Ms. Jennifer Howard. Jennifer has done a wonderful job with the bucks.

On July 13, buck #3242 was having problems with his back legs. He was breaking over on his pasterns and slightly dragging both hind hooves as he walked. Dr. Lionel Dawson was contacted and examined him. There was some swelling and pain along the spinal cord but his temperature was normal and he was eating, defecating, and urinating normally. Possibly another buck in his pen injured him. He was isolated and treated with analgesics and steroids. He improved slightly; however, he still tended to knuckle under as he walked. He then gradually started to deteriorate in movement, eventually went down, and was unable to stand. Dr. Dawson continued evaluation and it was decided that the best option for the buck was euthanasia. The owner was contacted and granted permission to euthanize the buck. On August 3, the buck was euthanized and the body transported to OSU College of Veterinary Medicine for necropsy. Results from the necropsy showed that the buck suffered from a congenital constriction of the cervical vertebrae and there were no signs of trauma.

Ration

Nutritionists at Langston University formulated the following ration. In 1999, the amount of salt and ammonium chloride was doubled due to problems with urinary calculi the previous year. Except for the increase in salt and ammonium chloride, the ration was unchanged from that which was used in the first two meat buck performance tests. The ration was fed free-choice during the adjustment period and during the 12-week test.

Ingredient	Percentage (as fed)
Cottonseed hulls	29.07%
Alfalfa meal	19.98%
Cottonseed meal	15.99%
Ground corn	15.99%
Wheat midds	9.99%

Ingredient	Percentage (as fed)
Pellet Partner (binder)	5.00%
Ammonium chloride	1.00%
Yeast	1.00%
Calcium Carbonate	0.95%
Salt	0.50%
Trace mineral salt	0.50%
Vitamin A	0.02%
Rumensin	0.01%
TOTAL	100.00%

The crude protein content of the ration is 16% with 2.5% fat, 20.4% fiber and 60.6% TDN. Calcium phosphorus and sodium levels are .74%, .37% and 1.07%, respectively. Zinc concentration is 33.04 ppm, copper is 17.15 ppm and selenium is .21 ppm. In 2003, competitive bids were sought for the buck-test feed and Bluebonnet Feeds of Ardmore, OK was awarded the contract to supply feed for the buck performance test for 2003, 2004, and 2005.

ABGA Approved Performance Test

In early 2000, the Oklahoma performance test was designated by the American Boer Goat Association Board of Directors as an ABGA Approved Performance Test. Qualified fullblood or purebred Boer bucks will be eligible to earn points towards entry into the "Ennobled Herd Book". Candidate bucks must pass a pre-performance test inspection conducted by one (1) or more ABGA approved breeders. Ten (10) points will be awarded a Boer buck who shows an average daily weight gain (ADG) in the top five percent (5%) of the animals on test. Five (5) points will be awarded a Boer buck who shows an average daily weight gain (ADG) in the next fifteen percent (15%) of the animals on test. All bucks must gain at least three-tenths (.3) pounds per day to be awarded any points.

International Boer Goat Association, Inc. Sanctioned Test

In 2003, the Oklahoma buck performance test was sanctioned by the International Boer Goat Association, Inc.

The Oklahoma performance test continues to grow and to serve the meat goat industry.

Gain

The official performance test started on May 25 after the adjustment period was finished. Weights at the beginning of the test averaged 63 lbs with a range of 36.3 to 96.9 lbs. Weights at the end of the test averaged 115.3 lbs with a range of 71.6 to 157.5 lbs. **Weight gain for the test averaged 52.4 lbs with a range of 29.7 to 80.4 lbs.**

The type of feeder (Calan or FIRE) had no significant effect upon gain. Bucks on the Calan system averaged 52.6 lbs gain and bucks on the FIRE system averaged 52.1 lbs gain, which is a difference of 0.5 lbs. Figure 1 shows the weekly body weight gains for both feeder types over the course of the performance test.

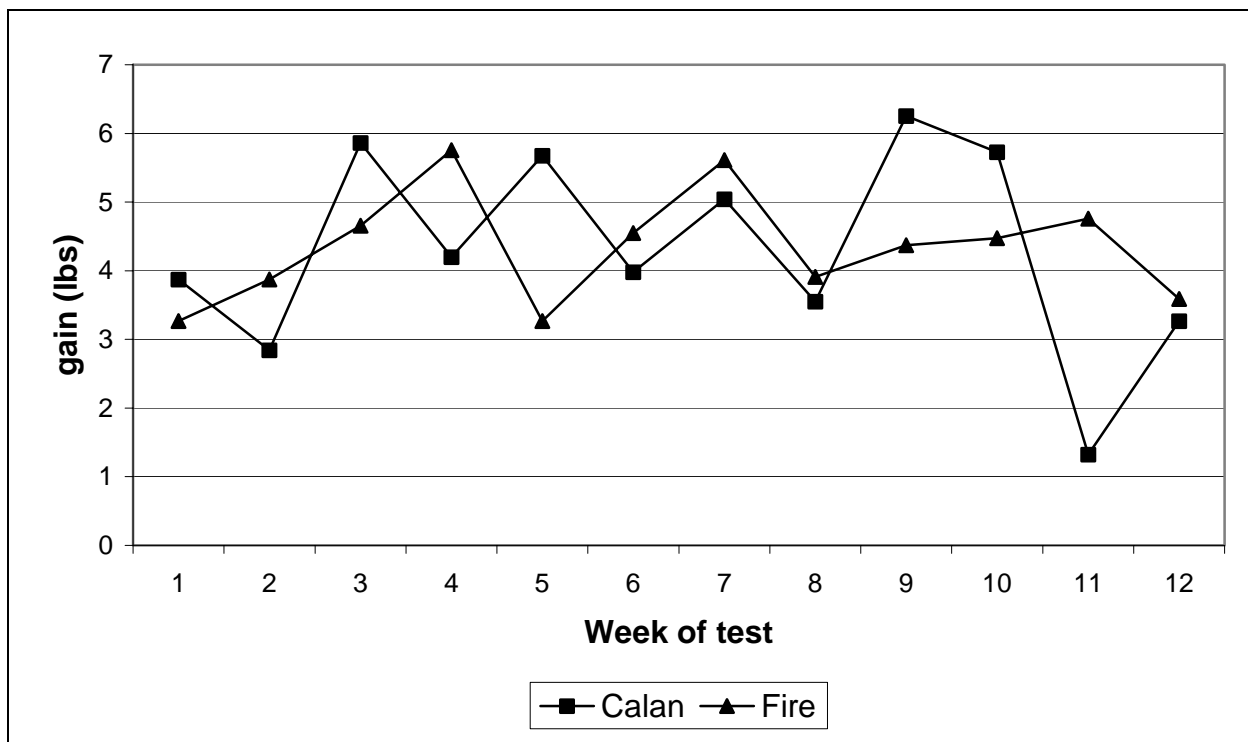


Figure 1. Calan vs. FIRE - weekly body weight gains

Average Daily Gain (ADG)

At mid-point, the bucks gained on averaged 0.62 lbs/day with a range from 0.31 lbs/day to 0.92 lbs/day. **For the test, the bucks gained on averaged 0.62 lbs/day with a range of 0.35 lbs/day to 0.96 lbs/day.**

The type of feeder (Calan or FIRE) had no significant effect upon average daily gain. Bucks on the Calan system averaged 0.63 lbs/day and bucks on the FIRE system averaged 0.62 lbs/day gain, which is a difference of 0.01 lbs/day.

Feed Efficiency (Feed Conversion Ratio)

For the test, the bucks consumed an average of 335.5 lbs of feed with a range of 193.3 to 482.9 lbs.

The type of feeder (Calan or FIRE) had no significant effect upon intake. Bucks on the Calan system averaged 328.9 lbs intake and bucks on the FIRE system averaged 338.1 lbs, which is a difference of 9.2 lbs. Figure 2 shows the average daily intake for both feeder types over the course of the performance test.

For the test, the bucks averaged a feed efficiency of 6.55 (feed efficiency is defined as the number of lbs. of feed needed for one lbs. of gain), with a range of 4.53 to 11.34.

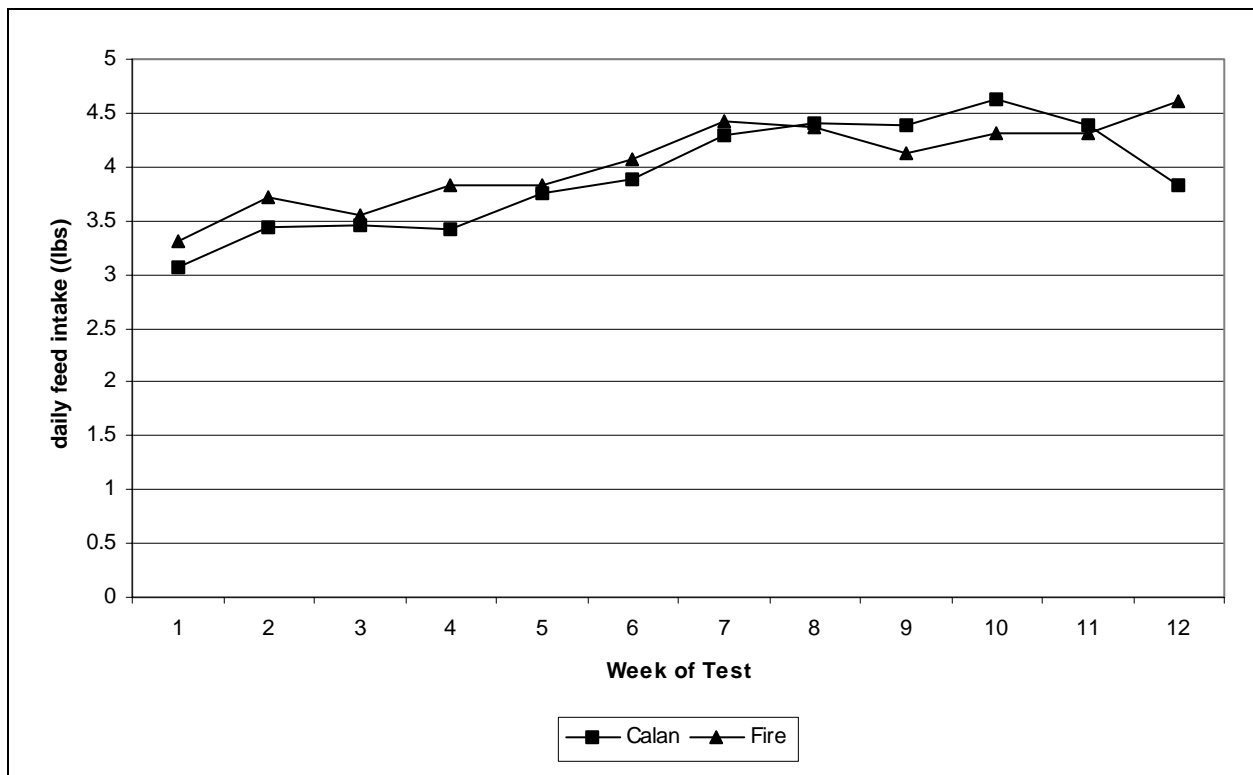


Figure 2. Calan vs. FIRE - daily feed intake

Muscling

The average loin eye area as determined by ultrasonography was 1.71 square inches with a range of 0.95 to 2.36 square inches and the average left rear leg circumference was 18.5 inches with a range of 14.5 to 22.0 inches.

Index

For 2005, the index was calculated using the following parameters:

30% on efficiency (units of feed per units of gain)

30% on average daily gain

20% on area of longissimus muscle (loin) at the first lumbar site as measured by real time ultrasound adjusted by the goat's metabolic body weight:

$$\frac{\text{area of longissimus muscle (loin)}}{BW^{0.75}}$$

20% circumference around the widest part of the hind left leg as measured with a tailor's tape adjusted by the goat's metabolic body weight:

$$\frac{\text{circumference of hind left leg}}{BW^{0.75}}$$

The adjustment to metabolic body weight gives lighter weight goats a fair comparison of muscling to heavier goats.

The deviation from the average of the parameters measured from the goats in the performance test was used in the index calculation. Thus, the average index score for bucks on-test was 100%. Bucks that are above average have indices above 100% and those below average have index scores below 100%.

Congratulations

The Oklahoma Meat Goat Association and the Agricultural Research and Extension Program at Langston University congratulate:

- Mr. A.L. Paul of Aubrey, TX
for having the Top-Indexing buck
in the 2005 Oklahoma Meat Buck Performance Test

Also, deserving congratulations are:

- Mr. Orlin Scrivener of Cabool, MO
for having the #1 Fastest-Gaining buck
- Mr. A.L. Paul of Aubrey, TX
for having the #2 Fastest-Gaining buck
- Mr. Marvin Shurley of Sonora, TX
for having the #3 Fastest-Gaining buck
- Mr. Marvin Shurley of Sonora, TX
for having the #4 (tie) Fastest-Gaining buck
- Mr. Dan Wagner of Sonora, TX
for having the #4 (tie) Fastest-Gaining buck
- Mr. Marvin Shurley of Sonora, TX
for having the #4 (tie) Fastest-Gaining buck
- Mr. Martin Peters of Barksdale, TX
for having the Most-Feed-Efficient buck
- Mr. Martin Peters of Barksdale, TX
for having the Most-Heavily-Muscled buck

Acknowledgments

The Buck Test supervisor wishes to acknowledge Dr. Lionel Dawson of Oklahoma State University for his contributions as the admitting and on-call veterinarian, Ms. Jennifer Howard, and Mr. Yonas Seid for their management and oversight of the day-to-day activities, Mr. Jerry Hayes and Mr. Erick Loetz of Langston University for aid and supervision, Mr. Les Hutchens and his associates at Reproductive Enterprises, Inc. for conducting the ultrasound measurements for the loin eye area and the breeding soundness exams, and Bluebonnet Feeds of Ardmore, OK for custom mixing the feed.

Report prepared by Dr. Terry A. Gipson
Goat Extension Specialist
Langston University

The Cooperative Extension Program at Langston University provides educational programs to individuals regardless of race, color, national origin, religion, sex, age, disability or status as a veteran. Issued in furtherance of Extension work, Act of September 29, 1977, in cooperation with the U.S. Department of Agriculture.

Table 1. Bucks sorted by Index score.

Owner	ID	Owner ID	Breed	Birth date	Weights (lbs)			Gain (lbs)	ADG (lb/d)	Intake (lb)	FE [*]	LEA (in ²)	RLC (in)	Index
					Entry	Start	End							
A.L. Paul	3249	T55 tattoo	Boer	02/26/05	38.5	44.1	120.0	76.0	0.90	358.6	4.72	1.72	18.5	101.36
Orlin Scrivener	3278	114	Boer	02/09/05	61.7	77.1	157.5	80.4	0.96	482.9	6.01	2.06	20.5	101.00
Dan Wagner	3223	503	Boer	02/10/05	46.3	54.0	120.0	66.1	0.79	366.0	5.54	1.91	19.5	100.91
A.L. Paul	3258	RRBG 03	Boer	02/04/05	41.9	54.0	118.9	65.0	0.77	377.4	5.81	1.98	20.0	100.83
Jim Rosenbaum	3255	HMR 100	Boer	02/21/05	49.6	56.2	112.3	56.2	0.67	279.6	4.98	1.88	19.5	100.82
Marvin Shurley	3226	blue 40	Boer	02/14/05	36.3	51.8	120.0	68.3	0.81	391.1	5.73	1.77	19.0	100.81
Martin Peters	3261	326	Boer	01/31/05	30.8	40.7	92.5	51.8	0.62	301.0	5.81	1.95	20.0	100.79
Dan Wagner	3224	507	Boer	02/10/05	57.3	68.3	136.6	68.3	0.81	398.3	5.83	2.02	20.0	100.76
Marvin Shurley	3243	1854	Boer	02/14/05	44.1	58.4	126.7	68.3	0.81	382.2	5.60	1.61	18.0	100.66
Martin Peters	3259	21	Boer	02/23/05	31.9	36.3	90.3	54.0	0.64	244.3	4.53	1.19	16.0	100.62
Marvin Shurley	3251	green 1	Boer	02/18/05	40.7	59.5	133.3	73.8	0.88	423.2	5.73	1.36	17.0	100.61
Sky Shivers	3263	yellow 19	Kiko	01/15/05	35.2	36.3	80.4	44.1	0.52	219.2	4.98	1.49	17.5	100.57
Tamara Hilger	3253	TEAH 502	Boer	02/06/05	45.2	56.2	120.0	63.9	0.76	368.1	5.76	1.55	18.0	100.50
Marvin Shurley	3234	1862	Boer	02/14/05	43.0	48.5	102.4	54.0	0.64	299.0	5.54	1.57	18.0	100.44
Marvin Shurley	3221	blue 39	Boer	02/14/05	41.9	40.7	94.7	54.0	0.64	270.3	5.01	1.24	16.0	100.42
Marvin Shurley	3244	yellow P170	Boer	02/12/05	45.2	59.5	124.4	65.0	0.77	375.6	5.78	1.47	17.5	100.42
Marvin Shurley	3239	1826	Boer	02/05/05	45.2	57.3	107.9	50.7	0.60	273.4	5.40	1.71	18.5	100.39
Marvin Shurley	3246	1823	Boer	02/04/05	41.9	60.6	124.4	63.9	0.76	372.8	5.84	1.53	17.5	100.39
Jim Daniel	3225	539	Boer	02/15/05	48.5	58.4	114.5	56.2	0.67	313.4	5.58	1.63	18.0	100.39
Martin Peters	3260	323	Boer	01/14/05	52.9	69.4	132.2	62.8	0.75	374.1	5.96	1.67	18.5	100.36
Marvin Shurley	3222		Boer	02/14/05	48.5	62.8	121.1	58.4	0.69	362.0	6.20	1.86	19.5	100.36
Paula Lane	3218	24	Boer	12/30/04	43.0	57.3	114.5	57.3	0.68	371.1	6.48	1.94	19.5	100.35
Marvin Shurley	3250	1825	Boer	02/05/05	40.7	48.5	91.4	43.0	0.51	250.7	5.84	1.83	19.0	100.34
A.L. Paul	3257	RRBG 11	Boer	02/09/05	41.9	57.3	114.5	57.3	0.68	346.3	6.05	1.69	18.5	100.32
Marvin Shurley	3245	blue 34	Boer	02/14/05	40.7	57.3	113.4	56.2	0.67	350.9	6.25	1.71	18.5	100.25
Orlin Scrivener	3277	116	Boer	02/15/05	45.2	58.4	114.5	56.2	0.67	358.2	6.38	1.75	19.0	100.24
Marvin Shurley	3238	1830	Boer	02/07/05	52.9	71.6	126.7	55.1	0.66	371.8	6.75	2.17	21.0	100.23
Marvin Shurley	3231	blue 35	Boer	02/11/05	50.7	61.7	114.5	52.9	0.63	353.1	6.68	2.05	20.0	100.22
Marla Julich	3220	14	Boer	01/12/05	65.0	70.5	131.1	60.6	0.72	389.9	6.44	1.83	19.0	100.22
Marvin Shurley	3228	blue 44	Boer	02/17/05	44.1	55.1	116.7	61.7	0.73	379.8	6.16	1.43	17.0	100.20
Darwin McLeod	3248	T-06	Boer	02/06/05	62.8	76.0	135.5	59.5	0.71	399.0	6.71	1.95	20.0	100.16
Dan Wagner	3227	540	Boer	02/10/05	51.8	59.5	116.7	57.3	0.68	334.4	5.84	1.38	17.0	100.14
Foolish Acres Boer Goats	3272	3133	Boer	12/01/04	77.1	96.9	157.5	60.6	0.72	426.5	7.04	2.36	22.0	100.12
Bruce Merriman	3235	HMR 106	Boer	02/10/05	61.7	66.1	110.1	44.1	0.52	255.1	5.79	1.78	19.0	100.06
Marvin Shurley	3252	blue 2	Boer	02/15/05	31.9	45.2	87.0	41.9	0.50	229.9	5.49	1.30	16.5	100.03
Foolish Acres Boer Goats	3273	2365	Boer	01/01/05	50.7	62.8	116.7	54.0	0.64	371.4	6.88	1.84	19.0	100.00
Foolish Acres Boer Goats	3275	2318	Boer	01/03/05	55.1	65.0	122.2	57.3	0.68	405.3	7.08	1.84	19.0	99.99
Sky Shivers	3266	yellow 26	Kiko	01/15/05	39.6	44.1	80.4	36.3	0.43	204.1	5.62	1.29	16.5	99.89
Jim Matt	3217		Boer	02/03/05	62.8	70.5	124.4	54.0	0.64	345.2	6.40	1.55	18.0	99.89
Dan Wagner	3229	519	Boer	02/10/05	55.1	67.2	121.1	54.0	0.64	374.8	6.95	1.72	18.5	99.84
Orlin Scrivener	3276	139	Boer	01/26/05	50.7	62.8	107.9	45.2	0.54	308.7	6.84	1.84	19.0	99.83
Orlin Scrivener	3279	140	Boer	01/26/05	59.5	72.7	126.7	54.0	0.64	371.3	6.88	1.72	18.5	99.81
Sky Shivers	3262	yellow 16	Kiko	01/15/05	35.2	36.3	76.0	39.6	0.47	231.8	5.85	1.04	15.0	99.75
Sky Shivers	3265	yellow 13	Kiko	01/15/05	44.1	51.8	94.7	43.0	0.51	303.8	7.07	1.64	18.0	99.70
Marvin Shurley	3233	1824	Boer	02/04/05	48.5	66.1	112.3	46.3	0.55	317.6	6.87	1.71	18.5	99.70
Danny Thompson	3241	51	Boer	01/15/05	68.3	90.3	144.3	54.0	0.64	433.5	8.03	2.15	21.0	99.55
Darwin McLeod	3247	S08	Boer	12/06/04	76.0	90.3	141.0	50.7	0.60	360.3	7.11	1.75	19.0	99.51
Marvin Shurley	3230	yellow 147	Boer	02/04/05	47.4	58.4	95.8	37.4	0.45	262.0	7.00	1.58	18.0	99.50
Sky Shivers	3264	yellow 8	Kiko	01/15/05	40.7	39.6	71.6	31.9	0.38	193.3	6.05	0.95	14.5	99.40
Bruce Merriman	3236	4m 429	Boer	01/29/05	66.1	87.0	132.2	45.2	0.54	333.3	7.38	1.74	18.5	99.30
Tim Morris	3267		Boer	12/01/04	71.6	81.5	123.3	41.9	0.50	337.5	8.06	2.06	20.5	99.30
Marvin Shurley	3232	blue 31	Boer	02/12/05	54.0	67.2	106.8	39.6	0.47	320.0	8.07	1.80	19.0	99.22
Jim Rosenbaum	3237	yellow 100	Kiko	01/20/05	57.3	63.9	101.3	37.4	0.45	299.6	8.00	1.71	18.5	99.18
Dale Coody	3268	yellow 13	Kiko	12/30/04	69.4	79.3	121.1	41.9	0.50	313.8	7.50	1.63	18.0	99.18
Dale Coody	3270	purple 7	Savanna	01/02/05	71.6	87.0	130.0	43.0	0.51	359.6	8.37	1.92	19.5	99.03
Dale Coody	3269	white 8	Savanna	12/09/04	78.2	84.8	125.6	40.7	0.49	338.9	8.32	1.81	19.0	98.96
Dale Coody	3271	white 19	Savanna	01/06/05	59.5	70.5	111.2	40.7	0.49	323.0	7.93	1.38	17.0	98.94
Jim Rosenbaum	3256	HMR 89	Boer	01/29/05	58.4	73.8	110.1	36.3	0.43	278.1	7.65	1.47	17.5	98.94
Terry Taylor	3254	567	Boer	12/31/04	73.8	90.3	130.0	39.6	0.47	370.4	9.34	2.15	21.0	98.77
Foolish Acres Boer Goats	3274	3159	Boer	01/22/05	56.2	72.7	109.0	36.3	0.43	321.9	8.86	1.63	18.0	98.66
Jim Rosenbaum	3240	9-6	Kiko	01/20/05	59.5	76.0	105.7	29.7	0.35	337.1	11.34	1.86	19.5	97.86

* lbs of feed for one lb. of gain.

Table 2. Bucks sorted by Gain (ADG).

Owner	ID	Owner ID	Breed	Birth date	Weights (lbs)			Gain (lbs)	ADG (lb/d)	Intake (lb)	FE [*]	LEA (in ²)	RLC (in)	Index
					Entry	Start	End							
Orlin Scrivener	3278	114	Boer	02/09/05	61.7	77.1	157.5	80.4	0.96	482.9	6.01	2.06	20.5	101.00
A.L. Paul	3249	T55 tattoo	Boer	02/26/05	38.5	44.1	120.0	76.0	0.90	358.6	4.72	1.72	18.5	101.36
Marvin Shurley	3251	green 1	Boer	02/18/05	40.7	59.5	133.3	73.8	0.88	423.2	5.73	1.36	17.0	100.61
Marvin Shurley	3226	blue 40	Boer	02/14/05	36.3	51.8	120.0	68.3	0.81	391.1	5.73	1.77	19.0	100.81
Dan Wagner	3224	507	Boer	02/10/05	57.3	68.3	136.6	68.3	0.81	398.3	5.83	2.02	20.0	100.76
Marvin Shurley	3243	1854	Boer	02/14/05	44.1	58.4	126.7	68.3	0.81	382.2	5.60	1.61	18.0	100.66
Dan Wagner	3223	503	Boer	02/10/05	46.3	54.0	120.0	66.1	0.79	366.0	5.54	1.91	19.5	100.91
A.L. Paul	3258	RRBG 03	Boer	02/04/05	41.9	54.0	118.9	65.0	0.77	377.4	5.81	1.98	20.0	100.83
Marvin Shurley	3244	yellow P170	Boer	02/12/05	45.2	59.5	124.4	65.0	0.77	375.6	5.78	1.47	17.5	100.42
Tamara Hilger	3253	TEAH 502	Boer	02/06/05	45.2	56.2	120.0	63.9	0.76	368.1	5.76	1.55	18.0	100.50
Marvin Shurley	3246	1823	Boer	02/04/05	41.9	60.6	124.4	63.9	0.76	372.8	5.84	1.53	17.5	100.39
Martin Peters	3260	323	Boer	01/14/05	52.9	69.4	132.2	62.8	0.75	374.1	5.96	1.67	18.5	100.36
Marvin Shurley	3228	blue 44	Boer	02/17/05	44.1	55.1	116.7	61.7	0.73	379.8	6.16	1.43	17.0	100.20
Marla Julich	3220	14	Boer	01/12/05	65.0	70.5	131.1	60.6	0.72	389.9	6.44	1.83	19.0	100.22
Foolish Acres Boer Goats	3272	3133	Boer	12/01/04	77.1	96.9	157.5	60.6	0.72	426.5	7.04	2.36	22.0	100.12
Darwin McLeod	3248	T-06	Boer	02/06/05	62.8	76.0	135.5	59.5	0.71	399.0	6.71	1.95	20.0	100.16
Marvin Shurley	3222		Boer	02/14/05	48.5	62.8	121.1	58.4	0.69	362.0	6.20	1.86	19.5	100.36
Paula Lane	3218	24	Boer	12/30/04	43.0	57.3	114.5	57.3	0.68	371.1	6.48	1.94	19.5	100.35
A.L. Paul	3257	RRBG 11	Boer	02/09/05	41.9	57.3	114.5	57.3	0.68	346.3	6.05	1.69	18.5	100.32
Dan Wagner	3227	540	Boer	02/10/05	51.8	59.5	116.7	57.3	0.68	334.4	5.84	1.38	17.0	100.14
Foolish Acres Boer Goats	3275	2318	Boer	01/03/05	55.1	65.0	122.2	57.3	0.68	405.3	7.08	1.84	19.0	99.99
Jim Rosenbaum	3255	HMR 100	Boer	02/21/05	49.6	56.2	112.3	56.2	0.67	279.6	4.98	1.88	19.5	100.82
Marvin Shurley	3245	blue 34	Boer	02/14/05	40.7	57.3	113.4	56.2	0.67	350.9	6.25	1.71	18.5	100.25
Jim Daniel	3225	539	Boer	02/15/05	48.5	58.4	114.5	56.2	0.67	313.4	5.58	1.63	18.0	100.39
Orlin Scrivener	3277	116	Boer	02/15/05	45.2	58.4	114.5	56.2	0.67	358.2	6.38	1.75	19.0	100.24
Marvin Shurley	3238	1830	Boer	02/07/05	52.9	71.6	126.7	55.1	0.66	371.8	6.75	2.17	21.0	100.23
Martin Peters	3259	21	Boer	02/23/05	31.9	36.3	90.3	54.0	0.64	244.3	4.53	1.19	16.0	100.62
Marvin Shurley	3221	blue 39	Boer	02/14/05	41.9	40.7	94.7	54.0	0.64	270.3	5.01	1.24	16.0	100.42
Foolish Acres Boer Goats	3273	2365	Boer	01/01/05	50.7	62.8	116.7	54.0	0.64	371.4	6.88	1.84	19.0	100.00
Jim Matt	3217		Boer	02/03/05	62.8	70.5	124.4	54.0	0.64	345.2	6.40	1.55	18.0	99.89
Dan Wagner	3229	519	Boer	02/10/05	55.1	67.2	121.1	54.0	0.64	374.8	6.95	1.72	18.5	99.84
Orlin Scrivener	3279	140	Boer	01/26/05	59.5	72.7	126.7	54.0	0.64	371.3	6.88	1.72	18.5	99.81
Marvin Shurley	3234	1862	Boer	02/14/05	43.0	48.5	102.4	54.0	0.64	299.0	5.54	1.57	18.0	100.44
Danny Thompson	3241	51	Boer	01/15/05	68.3	90.3	144.3	54.0	0.64	433.5	8.03	2.15	21.0	99.55
Marvin Shurley	3231	blue 35	Boer	02/11/05	50.7	61.7	114.5	52.9	0.63	353.1	6.68	2.05	20.0	100.22
Martin Peters	3261	326	Boer	01/31/05	30.8	40.7	92.5	51.8	0.62	301.0	5.81	1.95	20.0	100.79
Marvin Shurley	3239	1826	Boer	02/05/05	45.2	57.3	107.9	50.7	0.60	273.4	5.40	1.71	18.5	100.39
Darwin McLeod	3247	S08	Boer	12/06/04	76.0	90.3	141.0	50.7	0.60	360.3	7.11	1.75	19.0	99.51
Marvin Shurley	3233	1824	Boer	02/04/05	48.5	66.1	112.3	46.3	0.55	317.6	6.87	1.71	18.5	99.70
Orlin Scrivener	3276	139	Boer	01/26/05	50.7	62.8	107.9	45.2	0.54	308.7	6.84	1.84	19.0	99.83
Bruce Merriman	3236	4m 429	Boer	01/29/05	66.1	87.0	132.2	45.2	0.54	333.3	7.38	1.74	18.5	99.30
Sky Shivers	3263	yellow 19	Kiko	01/15/05	35.2	36.3	80.4	44.1	0.52	219.2	4.98	1.49	17.5	100.57
Bruce Merriman	3235	HMR 106	Boer	02/10/05	61.7	66.1	110.1	44.1	0.52	255.1	5.79	1.78	19.0	100.06
Sky Shivers	3265	yellow 13	Kiko	01/15/05	44.1	51.8	94.7	43.0	0.51	303.8	7.07	1.64	18.0	99.70
Dale Coody	3270	purple 7	Savanna	01/02/05	71.6	87.0	130.0	43.0	0.51	359.6	8.37	1.92	19.5	99.03
Marvin Shurley	3250	1825	Boer	02/05/05	40.7	48.5	91.4	43.0	0.51	250.7	5.84	1.83	19.0	100.34
Tim Morris	3267		Boer	12/01/04	71.6	81.5	123.3	41.9	0.50	337.5	8.06	2.06	20.5	99.30
Marvin Shurley	3252	blue 2	Boer	02/15/05	31.9	45.2	87.0	41.9	0.50	229.9	5.49	1.30	16.5	100.03
Dale Coody	3268	yellow 13	Kiko	12/30/04	69.4	79.3	121.1	41.9	0.50	313.8	7.50	1.63	18.0	99.18
Dale Coody	3269	white 8	Savanna	12/09/04	78.2	84.8	125.6	40.7	0.49	338.9	8.32	1.81	19.0	98.96
Dale Coody	3271	white 19	Savanna	01/06/05	59.5	70.5	111.2	40.7	0.49	323.0	7.93	1.38	17.0	98.94
Sky Shivers	3262	yellow 16	Kiko	01/15/05	35.2	36.3	76.0	39.6	0.47	231.8	5.85	1.04	15.0	99.75
Marvin Shurley	3232	blue 31	Boer	02/12/05	54.0	67.2	106.8	39.6	0.47	320.0	8.07	1.80	19.0	99.22
Terry Taylor	3254	567	Boer	12/31/04	73.8	90.3	130.0	39.6	0.47	370.4	9.34	2.15	21.0	98.77
Jim Rosenbaum	3237	yellow 100	Kiko	01/20/05	57.3	63.9	101.3	37.4	0.45	299.6	8.00	1.71	18.5	99.18
Marvin Shurley	3230	yellow 147	Boer	02/04/05	47.4	58.4	95.8	37.4	0.45	262.0	7.00	1.58	18.0	99.50
Sky Shivers	3266	yellow 26	Kiko	01/15/05	39.6	44.1	80.4	36.3	0.43	204.1	5.62	1.29	16.5	99.89
Jim Rosenbaum	3256	HMR 89	Boer	01/29/05	58.4	73.8	110.1	36.3	0.43	278.1	7.65	1.47	17.5	98.94
Foolish Acres Boer Goats	3274	3159	Boer	01/22/05	56.2	72.7	109.0	36.3	0.43	321.9	8.86	1.63	18.0	98.66
Sky Shivers	3264	yellow 8	Kiko	01/15/05	40.7	39.6	71.6	31.9	0.38	193.3	6.05	0.95	14.5	99.40
Jim Rosenbaum	3240	9-6	Kiko	01/20/05	59.5	76.0	105.7	29.7	0.35	337.1	11.34	1.86	19.5	97.86

* lbs of feed for one lb. of gain.

Table 3. Bucks sorted by Feed Efficiency.

Owner	ID	Owner ID	Breed	Birth date	Weights (lbs)			Gain (lbs)	ADG (lb/d)	Intake (lb)	FE*	LEA (in ²)	RLC (in)	Index
					Entry	Start	End							
Martin Peters	3259	21	Boer	02/23/05	31.9	36.3	90.3	54.0	0.64	244.3	4.53	1.19	16.0	100.62
A.L. Paul	3249	T55 tattoo	Boer	02/26/05	38.5	44.1	120.0	76.0	0.90	358.6	4.72	1.72	18.5	101.36
Sky Shivers	3263	yellow 19	Kiko	01/15/05	35.2	36.3	80.4	44.1	0.52	219.2	4.98	1.49	17.5	100.57
Jim Rosenbaum	3255	HMR 100	Boer	02/21/05	49.6	56.2	112.3	56.2	0.67	279.6	4.98	1.88	19.5	100.82
Marvin Shurley	3221	blue 39	Boer	02/14/05	41.9	40.7	94.7	54.0	0.64	270.3	5.01	1.24	16.0	100.42
Marvin Shurley	3239	1826	Boer	02/05/05	45.2	57.3	107.9	50.7	0.60	273.4	5.40	1.71	18.5	100.39
Marvin Shurley	3252	blue 2	Boer	02/15/05	31.9	45.2	87.0	41.9	0.50	229.9	5.49	1.30	16.5	100.03
Dan Wagner	3223	503	Boer	02/10/05	46.3	54.0	120.0	66.1	0.79	366.0	5.54	1.91	19.5	100.91
Marvin Shurley	3234	1862	Boer	02/14/05	43.0	48.5	102.4	54.0	0.64	299.0	5.54	1.57	18.0	100.44
Jim Daniel	3225	539	Boer	02/15/05	48.5	58.4	114.5	56.2	0.67	313.4	5.58	1.63	18.0	100.39
Marvin Shurley	3243	1854	Boer	02/14/05	44.1	58.4	126.7	68.3	0.81	382.2	5.60	1.61	18.0	100.66
Sky Shivers	3266	yellow 26	Kiko	01/15/05	39.6	44.1	80.4	36.3	0.43	204.1	5.62	1.29	16.5	99.89
Marvin Shurley	3226	blue 40	Boer	02/14/05	36.3	51.8	120.0	68.3	0.81	391.1	5.73	1.77	19.0	100.81
Marvin Shurley	3251	green 1	Boer	02/18/05	40.7	59.5	133.3	73.8	0.88	423.2	5.73	1.36	17.0	100.61
Tamara Hilger	3253	TEAH 502	Boer	02/06/05	45.2	56.2	120.0	63.9	0.76	368.1	5.76	1.55	18.0	100.50
Marvin Shurley	3244	yellow P170	Boer	02/12/05	45.2	59.5	124.4	65.0	0.77	375.6	5.78	1.47	17.5	100.42
Bruce Merriman	3235	HMR 106	Boer	02/10/05	61.7	66.1	110.1	44.1	0.52	255.1	5.79	1.78	19.0	100.06
A.L. Paul	3258	RRBG 03	Boer	02/04/05	41.9	54.0	118.9	65.0	0.77	377.4	5.81	1.98	20.0	100.83
Martin Peters	3261	326	Boer	01/31/05	30.8	40.7	92.5	51.8	0.62	301.0	5.81	1.95	20.0	100.79
Dan Wagner	3224	507	Boer	02/10/05	57.3	68.3	136.6	68.3	0.81	398.3	5.83	2.02	20.0	100.76
Marvin Shurley	3246	1823	Boer	02/04/05	41.9	60.6	124.4	63.9	0.76	372.8	5.84	1.53	17.5	100.39
Marvin Shurley	3250	1825	Boer	02/05/05	40.7	48.5	91.4	43.0	0.51	250.7	5.84	1.83	19.0	100.34
Dan Wagner	3227	540	Boer	02/10/05	51.8	59.5	116.7	57.3	0.68	334.4	5.84	1.38	17.0	100.14
Sky Shivers	3262	yellow 16	Kiko	01/15/05	35.2	36.3	76.0	39.6	0.47	231.8	5.85	1.04	15.0	99.75
Martin Peters	3260	323	Boer	01/14/05	52.9	69.4	132.2	62.8	0.75	374.1	5.96	1.67	18.5	100.36
Orlin Scrivener	3278	114	Boer	02/09/05	61.7	77.1	157.5	80.4	0.96	482.9	6.01	2.06	20.5	101.00
A.L. Paul	3257	RRBG 11	Boer	02/09/05	41.9	57.3	114.5	57.3	0.68	346.3	6.05	1.69	18.5	100.32
Sky Shivers	3264	yellow 8	Kiko	01/15/05	40.7	39.6	71.6	31.9	0.38	193.3	6.05	0.95	14.5	99.40
Marvin Shurley	3228	blue 44	Boer	02/17/05	44.1	55.1	116.7	61.7	0.73	379.8	6.16	1.43	17.0	100.20
Marvin Shurley	3222		Boer	02/14/05	48.5	62.8	121.1	58.4	0.69	362.0	6.20	1.86	19.5	100.36
Marvin Shurley	3245	blue 34	Boer	02/14/05	40.7	57.3	113.4	56.2	0.67	350.9	6.25	1.71	18.5	100.25
Orlin Scrivener	3277	116	Boer	02/15/05	45.2	58.4	114.5	56.2	0.67	358.2	6.38	1.75	19.0	100.24
Jim Matt	3217		Boer	02/03/05	62.8	70.5	124.4	54.0	0.64	345.2	6.40	1.55	18.0	99.89
Marla Julich	3220	14	Boer	01/12/05	65.0	70.5	131.1	60.6	0.72	389.9	6.44	1.83	19.0	100.22
Paula Lane	3218	24	Boer	12/30/04	43.0	57.3	114.5	57.3	0.68	371.1	6.48	1.94	19.5	100.35
Marvin Shurley	3231	blue 35	Boer	02/11/05	50.7	61.7	114.5	52.9	0.63	353.1	6.68	2.05	20.0	100.22
Darwin McLeod	3248	T-06	Boer	02/06/05	62.8	76.0	135.5	59.5	0.71	399.0	6.71	1.95	20.0	100.16
Marvin Shurley	3238	1830	Boer	02/07/05	52.9	71.6	126.7	55.1	0.66	371.8	6.75	2.17	21.0	100.23
Orlin Scrivener	3276	139	Boer	01/26/05	50.7	62.8	107.9	45.2	0.54	308.7	6.84	1.84	19.0	99.83
Marvin Shurley	3233	1824	Boer	02/04/05	48.5	66.1	112.3	46.3	0.55	317.6	6.87	1.71	18.5	99.70
Orlin Scrivener	3279	140	Boer	01/26/05	59.5	72.7	126.7	54.0	0.64	371.3	6.88	1.72	18.5	99.81
Foolish Acres Boer Goats	3273	2365	Boer	01/01/05	50.7	62.8	116.7	54.0	0.64	371.4	6.88	1.84	19.0	100.00
Dan Wagner	3229	519	Boer	02/10/05	55.1	67.2	121.1	54.0	0.64	374.8	6.95	1.72	18.5	99.84
Marvin Shurley	3230	yellow 147	Boer	02/04/05	47.4	58.4	95.8	37.4	0.45	262.0	7.00	1.58	18.0	99.50
Foolish Acres Boer Goats	3272	3133	Boer	12/01/04	77.1	96.9	157.5	60.6	0.72	426.5	7.04	2.36	22.0	100.12
Sky Shivers	3265	yellow 13	Kiko	01/15/05	44.1	51.8	94.7	43.0	0.51	303.8	7.07	1.64	18.0	99.70
Foolish Acres Boer Goats	3275	2318	Boer	01/03/05	55.1	65.0	122.2	57.3	0.68	405.3	7.08	1.84	19.0	99.99
Darwin McLeod	3247	S08	Boer	12/06/04	76.0	90.3	141.0	50.7	0.60	360.3	7.11	1.75	19.0	99.51
Bruce Merriman	3236	4m 429	Boer	01/29/05	66.1	87.0	132.2	45.2	0.54	333.3	7.38	1.74	18.5	99.30
Dale Coody	3268	yellow 13	Kiko	12/30/04	69.4	79.3	121.1	41.9	0.50	313.8	7.50	1.63	18.0	99.18
Jim Rosenbaum	3256	HMR 89	Boer	01/29/05	58.4	73.8	110.1	36.3	0.43	278.1	7.65	1.47	17.5	98.94
Dale Coody	3271	white 19	Savanna	01/06/05	59.5	70.5	111.2	40.7	0.49	323.0	7.93	1.38	17.0	98.94
Jim Rosenbaum	3237	yellow 100	Kiko	01/20/05	57.3	63.9	101.3	37.4	0.45	299.6	8.00	1.71	18.5	99.18
Danny Thompson	3241	51	Boer	01/15/05	68.3	90.3	144.3	54.0	0.64	433.5	8.03	2.15	21.0	99.55
Tim Morris	3267		Boer	12/01/04	71.6	81.5	123.3	41.9	0.50	337.5	8.06	2.06	20.5	99.30
Marvin Shurley	3232	blue 31	Boer	02/12/05	54.0	67.2	106.8	39.6	0.47	320.0	8.07	1.80	19.0	99.22
Dale Coody	3269	white 8	Savanna	12/09/04	78.2	84.8	125.6	40.7	0.49	338.9	8.32	1.81	19.0	98.96
Dale Coody	3270	purple 7	Savanna	01/02/05	71.6	87.0	130.0	43.0	0.51	359.6	8.37	1.92	19.5	99.03
Foolish Acres Boer Goats	3274	3159	Boer	01/22/05	56.2	72.7	109.0	36.3	0.43	321.9	8.86	1.63	18.0	98.66
Terry Taylor	3254	567	Boer	12/31/04	73.8	90.3	130.0	39.6	0.47	370.4	9.34	2.15	21.0	98.77
Jim Rosenbaum	3240	9-6	Kiko	01/20/05	59.5	76.0	105.7	29.7	0.35	337.1	11.34	1.86	19.5	97.86

* lbs of feed for one lb. of gain.

Table 4. Mid-point results.

Breeder	ID	Breed	Owner ID	Pen	Type	Entry wt.	Birth Date	Begin wt.	Midpoint wt.	Gain	ADG	Intake	FE
A.L. Paul	3249	Boer	T55 tattoo	5	Fire	39	2/26/05	44	105	34	0.81	152	4.45
A.L. Paul	3257	Boer	RRBG 11	4	Fire	42	2/9/05	57	93	33	0.79	166	5.01
A.L. Paul	3258	Boer	RRBG 03	11	Calan	42	2/4/05	54	94	32	0.76	177	5.55
Bruce Merriman	3235	Boer	HMR 106	8	Calan	62	2/10/05	66	88	34	0.81	102	3.00
Bruce Merriman	3236	Boer	4m 429	2	Fire	66	1/29/05	87	78	20	0.47	149	7.49
Dale Coody	3268	Kiko	yellow 1	2	Fire	69	12/30/04	79	74	21	0.50	157	7.52
Dale Coody	3269	Savanna	white 8	2	Fire	78	12/9/04	85	93	33	0.79	173	5.25
Dale Coody	3270	Savanna	purple 7	8	Calan	72	1/2/05	87	70	19	0.45	172	9.20
Dale Coody	3271	Savanna	white 19	9	Calan	59	1/6/05	70	83	24	0.58	155	6.42
Dan Wagner	3223	Boer	503	4	Fire	46	2/10/05	54	108	23	0.55	164	7.07
Dan Wagner	3224	Boer	507	9	Calan	57	2/10/05	68	116	39	0.92	185	4.79
Dan Wagner	3227	Boer	540	9	Calan	52	2/10/05	59	96	24	0.58	145	5.99
Dan Wagner	3229	Boer	519	3	Fire	55	2/10/05	67	97	28	0.66	154	5.60
Dan Wagner	3242	Boer	518	10	Calan	47	2/10/05	53	86	29	0.68	89	3.10
Danny Thompson	3241	Boer	51	8	Calan	68	1/15/05	90	86	34	0.81	218	6.39
Darwin McLeod	3247	Boer	S08	2	Fire	76	12/6/04	90	53	13	0.31	178	13.49
Darwin McLeod	3248	Boer	T-06	8	Calan	63	2/6/05	76	57	13	0.31	180	13.65
Foolish Acres Boer Goats	3272	Boer	3133	8	Calan	77	12/1/04	97	62	21	0.50	191	9.11
Foolish Acres Boer Goats	3273	Boer	2365	3	Fire	51	1/1/05	63	77	29	0.68	172	6.02
Foolish Acres Boer Goats	3274	Boer	3159	3	Fire	56	1/22/05	73	70	22	0.52	166	7.54
Foolish Acres Boer Goats	3275	Boer	2318	9	Calan	55	1/3/05	65	93	33	0.79	189	5.72
Jim Daniel	3225	Boer	539	10	Calan	48	2/15/05	58	93	25	0.60	139	5.47
Jim Matt	3217	Boer		2	Fire	63	2/3/05	70	96	25	0.60	155	6.14
Jim Rosenbaum	3237	Kiko	yellow 1	9	Calan	57	1/20/05	64	90	32	0.76	144	4.52
Jim Rosenbaum	3240	Kiko	9-6	3	Fire	59	1/20/05	76	87	30	0.71	179	6.02
Jim Rosenbaum	3255	Boer	HMR 100	4	Fire	50	2/21/05	56	127	30	0.71	115	3.85
Jim Rosenbaum	3256	Boer	HMR 89	9	Calan	58	1/29/05	74	102	34	0.81	137	4.00
Marla Julich	3220	Boer	14	8	Calan	65	1/12/05	70	113	23	0.55	179	7.75
Martin Peters	3259	Boer	21	11	Calan	32	2/23/05	36	81	18	0.42	88	4.99
Martin Peters	3260	Boer	323	3	Fire	53	1/14/05	69	94	20	0.47	171	8.64
Martin Peters	3261	Boer	326	11	Calan	31	1/31/05	41	90	20	0.47	134	6.76
Marvin Shurley	3221	Boer	blue 39	11	Calan	42	2/14/05	41	101	20	0.47	86	4.32
Marvin Shurley	3222	Boer		4	Fire	48	2/14/05	63	95	15	0.37	173	11.22
Marvin Shurley	3226	Boer	blue 40	5	Fire	36	2/14/05	52	95	28	0.66	166	6.03
Marvin Shurley	3228	Boer	blue 44	10	Calan	44	2/17/05	55	96	20	0.47	172	8.67
Marvin Shurley	3230	Boer	yellow 1	4	Fire	47	2/4/05	58	93	30	0.71	137	4.60
Marvin Shurley	3231	Boer	blue 35	9	Calan	51	2/11/05	62	95	22	0.52	157	7.14
Marvin Shurley	3232	Boer	blue 31	3	Fire	54	2/12/05	67	86	23	0.55	170	7.37
Marvin Shurley	3233	Boer	1824	10	Calan	48	2/4/05	66	87	30	0.71	155	5.20
Marvin Shurley	3234	Boer	1862	11	Calan	43	2/14/05	48	94	31	0.73	130	4.21
Marvin Shurley	3238	Boer	1830	3	Fire	53	2/7/05	72	89	33	0.79	169	5.10
Marvin Shurley	3239	Boer	1826	10	Calan	45	2/5/05	57	80	24	0.58	139	5.75
Marvin Shurley	3243	Boer	1854	4	Fire	44	2/14/05	58	89	29	0.68	165	5.76
Marvin Shurley	3244	Boer	yellow P	10	Calan	45	2/12/05	59	83	39	0.92	176	4.57
Marvin Shurley	3245	Boer	blue 34	5	Fire	41	2/14/05	57	64	19	0.45	159	8.48
Marvin Shurley	3246	Boer	1823	5	Fire	42	2/4/05	61	55	19	0.45	161	8.58
Marvin Shurley	3250	Boer	1825	11	Calan	41	2/5/05	48	83	17	0.39	117	7.10
Marvin Shurley	3251	Boer	green 1	11	Calan	41	2/18/05	59	124	34	0.81	186	5.46
Marvin Shurley	3252	Boer	blue 2	5	Fire	32	2/15/05	45	106	30	0.71	100	3.38
Orlin Scrivener	3276	Boer	139	3	Fire	51	1/26/05	63	91	37	0.89	136	3.62
Orlin Scrivener	3277	Boer	116	10	Calan	45	2/15/05	58	56	20	0.47	152	7.65
Orlin Scrivener	3278	Boer	114	2	Fire	62	2/9/05	77	69	29	0.68	212	7.40
Orlin Scrivener	3279	Boer	140	9	Calan	59	1/26/05	73	52	15	0.37	175	11.33
Paula Lane	3218	Boer	24	4	Fire	43	12/30/04	57	101	14	0.34	173	12.11
Sky Shivers	3262	Kiko	yellow 1	11	Calan	35	1/15/05	36	99	34	0.81	88	2.58
Sky Shivers	3263	Kiko	yellow 1	5	Fire	35	1/15/05	36	102	30	0.71	81	2.72
Sky Shivers	3264	Kiko	yellow 8	5	Fire	41	1/15/05	40	87	29	0.68	60	2.11
Sky Shivers	3265	Kiko	yellow 1	10	Calan	44	1/15/05	52	87	32	0.76	120	3.76
Sky Shivers	3266	Kiko	yellow 2	5	Fire	40	1/15/05	44	88	22	0.52	79	3.61
Tamara Hilger	3253	Boer	TEAH 502	4	Fire	45	2/6/05	56	113	23	0.55	164	7.09
Terry Taylor	3254	Boer	567	8	Calan	74	12/31/04	90	106	19	0.45	174	9.27
Tim Morris	3267	Boer		2	Fire	72	12/1/04	81	85	28	0.66	169	6.14

* lbs of feed for one lb. of gain.

Table 5. Estimated weights (at 120, 150, and 180 days of age) and age (at 60, 80, and 100 lbs) based upon midpoint parameters.

OWNER	ID	BREED	PEN	TYPE	WT_120D	WT_150D	WT_180D	AGE_60W	AGE_80W	AGE_100	AGE	Beg wt	adg
A.L. Paul	3249	Boer	5	Fire	71	96	121	107	131	155	87	44	0.84
A.L. Paul	3257	Boer	4	Fire	65	87	110	113	140	167	104	57	0.75
A.L. Paul	3258	Boer	11	Calan	60	85	110	120	144	168	109	54	0.84
Bruce Merriman	3235	Boer	8	Calan	65	75	85	105	165	225	103	66	0.33
Bruce Merriman	3236	Boer	2	Fire	81	89	98	48	117	187	115	87	0.29
Dale Coody	3268	Kiko	2	Fire	67	79	92	104	152	199	145	79	0.42
Dale Coody	3269	Savanna	2	Fire	59	76	93	121	157	194	166	85	0.55
Dale Coody	3270	Savanna	8	Calan	69	85	100	103	141	180	142	87	0.52
Dale Coody	3271	Savanna	9	Calan	56	73	91	128	162	196	138	70	0.58
Dan Wagner	3223	Boer	4	Fire	67	91	116	112	136	161	103	54	0.81
Dan Wagner	3224	Boer	9	Calan	75	102	130	104	126	148	103	68	0.91
Dan Wagner	3227	Boer	9	Calan	68	90	112	108	136	163	103	59	0.72
Dan Wagner	3229	Boer	3	Fire	74	93	112	97	129	161	103	67	0.62
Dan Wagner	3242	Boer	10	Calan	58	70	82	126	175	223	103	53	0.41
Danny Thompson	3241	Boer	8	Calan	81	102	123	91	119	147	129	90	0.71
Darwin McLeod	3247	Boer	2	Fire	53	70	88	133	166	200	169	90	0.59
Darwin McLeod	3248	Boer	8	Calan	82	103	124	89	117	146	107	76	0.70
Foolish Acres Boer Goats	3272	Boer	8	Calan	52	73	95	131	159	188	174	97	0.70
Foolish Acres Boer Goats	3273	Boer	3	Fire	46	65	84	142	174	206	143	63	0.63
Foolish Acres Boer Goats	3274	Boer	3	Fire	66	84	102	110	144	177	122	73	0.60
Foolish Acres Boer Goats	3275	Boer	9	Calan	43	67	90	142	167	193	141	65	0.78
Jim Daniel	3225	Boer	10	Calan	68	85	103	106	141	175	98	58	0.58
Jim Matt	3217	Boer	2	Fire	71	90	109	102	134	166	110	70	0.63
Jim Rosenbaum	3237	Kiko	9	Calan	55	71	87	129	167	205	124	64	0.53
Jim Rosenbaum	3240	Kiko	3	Fire	69	86	102	103	140	177	124	76	0.54
Jim Rosenbaum	3255	Boer	4	Fire	70	86	102	101	139	176	92	56	0.53
Jim Rosenbaum	3256	Boer	9	Calan	76	90	104	86	128	171	115	74	0.47
Marla Julich	3220	Boer	8	Calan	61	85	109	119	144	169	132	70	0.79
Martin Peters	3259	Boer	11	Calan	47	58	69	156	211	267	90	36	0.36
Martin Peters	3260	Boer	3	Fire	55	76	97	128	156	185	130	69	0.70
Martin Peters	3261	Boer	11	Calan	42	64	85	145	173	201	113	41	0.71
Marvin Shurley	3221	Boer	11	Calan	48	58	68	156	215	275	99	41	0.34
Marvin Shurley	3222	Boer	4	Fire	73	96	119	103	129	155	99	63	0.76
Marvin Shurley	3226	Boer	5	Fire	61	84	107	118	145	171	99	52	0.76
Marvin Shurley	3228	Boer	10	Calan	71	97	123	107	130	153	96	55	0.86
Marvin Shurley	3230	Boer	4	Fire	60	77	94	120	155	190	109	58	0.57
Marvin Shurley	3231	Boer	9	Calan	71	93	114	104	132	160	102	62	0.72
Marvin Shurley	3232	Boer	3	Fire	74	93	112	98	130	161	101	67	0.64
Marvin Shurley	3233	Boer	10	Calan	65	83	101	112	145	179	109	66	0.60
Marvin Shurley	3234	Boer	11	Calan	60	81	101	119	149	179	99	48	0.67
Marvin Shurley	3238	Boer	3	Fire	73	92	112	100	131	162	106	72	0.65
Marvin Shurley	3239	Boer	10	Calan	60	80	100	120	151	181	108	57	0.66
Marvin Shurley	3243	Boer	4	Fire	67	91	115	111	136	161	99	58	0.79
Marvin Shurley	3244	Boer	10	Calan	70	96	122	108	131	155	101	59	0.86
Marvin Shurley	3245	Boer	5	Fire	65	86	107	112	141	170	99	57	0.70
Marvin Shurley	3246	Boer	5	Fire	59	79	99	121	151	181	109	61	0.67
Marvin Shurley	3250	Boer	11	Calan	49	65	81	140	177	215	108	48	0.53
Marvin Shurley	3251	Boer	11	Calan	72	95	119	105	131	156	95	59	0.79
Marvin Shurley	3252	Boer	5	Fire	49	62	75	145	191	237	98	45	0.43
Orlin Scrivener	3276	Boer	3	Fire	60	78	96	121	154	187	118	63	0.61
Orlin Scrivener	3277	Boer	10	Calan	65	84	102	111	144	176	98	58	0.62
Orlin Scrivener	3278	Boer	2	Fire	85	113	140	93	114	136	104	77	0.92
Orlin Scrivener	3279	Boer	9	Calan	69	93	117	109	134	159	118	73	0.80
Paula Lane	3218	Boer	4	Fire	33	56	78	156	183	209	145	57	0.75
Sky Shivers	3262	Kiko	11	Calan	34	42	50	221	298	375	129	36	0.26
Sky Shivers	3263	Kiko	5	Fire	32	43	54	197	252	306	129	36	0.37
Sky Shivers	3264	Kiko	5	Fire	38	44	50	232	334	436	129	40	0.20
Sky Shivers	3265	Kiko	10	Calan	46	58	69	156	208	259	129	52	0.39
Sky Shivers	3266	Kiko	5	Fire	42	48	54	215	323	431	129	44	0.19
Tamara Hilger	3253	Boer	4	Fire	61	84	106	118	145	172	107	56	0.75
Terry Taylor	3254	Boer	8	Calan	75	90	105	91	130	169	144	90	0.51
Tim Morris	3267	Boer	2	Fire	43	62	82	146	177	207	174	81	0.66



3225, 3228, 3233, 3239 3242, 3244, 3265, 3277		3226, 3245, 3246, 3249 3252, 3263, 3264, 3266
3225, 3228, 3233, 3239 3242, 3244, 3265, 3277		3218, 3222, 3223, 3230 3243, 3253, 3255, 3257
3224, 3227, 3231, 3237 3256, 3271, 3275, 3279		3229, 3232, 3238, 3240 3260, 3273, 3274, 3276
3220, 3235, 3241, 3248 3254, 3270, 3272		3217, 3236, 3247, 3267 3268, 3269, 3278

Calan feeder side

Fire feeder side

Map of South Barn showing location of bucks.