

# 2013 State Fair of Virginia Lamb Carcass Evaluation

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This is the 15<sup>th</sup> year for the Lamb Carcass Contest held in conjunction with the state youth market lamb show. The following will describe the carcass evaluation and pricing procedures, along with determination of carcass premiums. A historical summary of the program is provided on the last page.

## **Hot Carcass Weight (HCW)**

Represents the weight of the carcass immediately following harvest. The desirable weight for lamb carcasses is dependent on the end use of the carcass. Specifically, lamb processors utilize and fabricate carcasses of different weights in various ways depending on demand by the end-user. Carcass weight is an important factor when lamb carcasses are priced, as USDA reports prices for lamb carcasses in weight increment categories. Generally, very light and very heavy carcasses receive a discount in price. Supply and demand changes throughout the year influence which carcass weights are most preferred.

## **Dressing Percentage (DP)**

Calculated by dividing carcass weight by live weight and multiplying by 100. Dressing percentage reflects the proportion of a live lamb's weight that results in carcass weight. Dressing percentage is influenced mostly by the amount of gut fill. Fat cover and muscling also influence dressing percentage. Typically, dressing percentages for shorn lambs range from 52-57%.

## **Fat Thickness (FT)**

Fat thickness is measured over the center of the ribeye muscle after the carcass has been ribbed (split) between the 12<sup>th</sup> and 13<sup>th</sup> ribs. This measurement may be adjusted (up or down) to reflect distribution of external fat over the entire carcass. The amount of fat thickness at the 12-13<sup>th</sup> rib is a strong indicator of the total amount of fat that is trimmed away when the carcass is fabricated into retail cuts. Carcasses with excessive amounts of fat are less desirable because of excess waste. Carcasses with more than 0.36 inches of fat thickness are commonly discounted in price. The industry also discriminates against carcasses that are very lean (less than 0.10 inches of fat thickness), due to increased dehydration and shrink during storage and transportation for these very lean carcasses. Fat thickness is also the determining factor in calculating lamb carcass yield grades. The goal is to produce carcasses that have at least 0.10 inches, but preferably not more than 0.30 inches of fat thickness. Within this range, carcasses meet the preferred minimum yet do not have an excess amount of waste.

## **Yield Grade (YG)**

Yield grade is calculated by the equation:  $YG = 0.4 + (10 \times \text{fat thickness})$ . Yield grades are used by the industry to categorize carcasses for their expected yield of boneless, closely trimmed retail cuts. Yield grades range from 1 to 5, with a yield grade 1 having the highest expected yield and 5 the lowest. Under normal circumstances, carcasses are yield graded a 1, 2, 3, 4, or 5. However, yield grades have been reported to the nearest 0.1 for this carcass contest. Since yield grades estimate the percentage of the carcass that is saleable retail cuts, they are an important aspect of carcass pricing. Yield grade 4 and 5 carcasses are undesirable because of their excess fat, and therefore lower yield of boneless, trimmed retail cuts.

## **Body Wall Thickness (BW)**

Body wall thickness (inches) is measured over the rib beyond the ribeye, five inches from the midline of the carcass. Differences in body wall thickness between carcasses are due primarily to fat. Carcasses that are similar over the ribeye for fat thickness (FT), may vary considerably in body wall thickness. The body wall thickness measurement is used in the equation to determine percentage boneless, closely trimmed retail cuts (% BCTRC).

### **Loin Muscle Area (LMA)**

Loin muscle area (ribeye area) is used as an indicator of total amount of muscle mass in the carcass. Loin muscle measurements are taken by using a grid to determine the cross-sectional area (in square inches) of the loin muscle at the 12<sup>th</sup>-13<sup>th</sup> rib. The loin muscle is a primary muscle in the carcass, and therefore is fairly reflective of total carcass muscling. The ribeye is also the major muscle in the loin, which is the most valuable wholesale cut in the carcass. LMA size is related to carcass weight- heavier carcasses should have larger LMAs.

### **Leg Score**

Leg score is a visual estimate of the amount of muscle in the leg of the carcass. Leg scores are expressed numerically with 15 (Prime+) being the heaviest muscled and 10 (Choice-) being relatively light muscled. The scores are assigned by evaluating the muscle expression, shape, and fullness to the leg relative to carcass weight. Leg scores are not used to calculate percentage of retail cuts (%BCTRC), but are important in determining quality grades (QG).

### **Percentage Boneless Closely-Trimmed Retail Cuts (%BCTRC)**

The percentage of boneless, closely trimmed retail cuts is very meaningful as it represents the predicted proportion of the carcass that is saleable retail product. The formula to predict %BCTRC uses carcass weight, fat thickness, body wall thickness, and ribeye area as follows:

$$\%BCTRC = 49.936 - (.0848 \times HCW) - (4.376 \times FT) - (3.530 \times BW) + (2.456 \times REA)$$

This percentage varies greatly, with very high yielding carcass being greater than 50% BCTRC and low yielding carcasses less than 45% BCTRC. The two measurements of waste fat, fat thickness (FT) and body wall thickness (BW), have the largest impact on %BCTRC. Lambs with more waste fat will have lower %BCTRC. Muscling also influences the value. Larger ribeyes relative to carcass weight will increase %BCTRC. Although yield grades estimate percentage of boneless retail cuts, %BCTRC is more precise because it includes body wall thickness and also accounts for differences in muscle between carcasses.

### **Quality Grade (QG)**

Quality grades are an estimation of the palatability characteristics (tenderness, juiciness, and flavor) of the carcass. Final quality grade is determined by three factors: maturity, flank streaking, and conformation. In young lambs, there is normally very little variation in maturity (age). Flank streakings are the fat deposits on the flank muscles. Since lamb carcasses are normally not ribbed, flank streaking is used to estimate marbling. Marbling is the small specs of fat found within the ribeye muscle, and is related to flavor and juiciness. The final component is conformation (muscling), which is primarily determined by leg score. These factors are combined to arrive at a final quality grade. Most lamb carcasses quality grade Choice and Prime. Prime is the highest quality grade, followed by Choice. Each quality grade is further subdivided into thirds: Prime+, Prime°, Prime-, Choice+, Choice°, and Choice-, from highest to lowest in quality, respectively. Carcasses that do not qualify for Choice-quality grade, are commonly referred to as “no rolls” (NR) in the industry. These carcasses are usually from lightweight, underfinished lambs. Due to their inferior quality, no roll carcasses are frequently discounted in price.

### **Carcass Pricing**

A carcass price of \$2.55 per pound was established for all carcass weights and grades. The total value of the carcass is calculated by multiplying carcass price/lb. (\$2.55) by hot carcass weight. The equivalent live price/lb. is determined by dividing total carcass value by live weight. Differences in live value reflect differences in dressing percentage. A \$0.50 per head deduction will be made for each lamb for the state lamb checkoff. This checkoff money is used for predator control, lamb promotion, and sheep research. The Virginia Sheep Industry Board allocates these funds. All lambs sold in Virginia are subject to this checkoff.

### Carcass Placings

Lambs were placed into five categories (Gold, Purple, Blue, Red, and Pink). Carcasses failing to meet one or more of the following standards were placed in the Pink group:

Minimum fat thickness of 0.12 in.

Maximum fat thickness of 0.35 in. (maximum Yield Grade of 3.9)

Minimum LMA for carcass weight using formula:  $1.4 + (0.02 \times \text{HCW})$

60 lb. HCW minimum LMA = 2.6

70 lb. HCW minimum LMA = 2.8

80 lb. HCW minimum LMA = 3.0

Minimum Quality Grade of Choice-

Minimum carcass weight of 45.0 pounds

Carcasses meeting all of the above standards were ranked using %BCTRC and live ADG as follows:

<b>Category</b>	<b>Description</b>	<b>Criteria</b>	<b>Premium</b>
Gold	Lambs with both outstanding carcass merit and growth	$\geq 50.0$ %BCTRC & $\geq 0.45$ ADG	\$50
Purple	Lambs with superior carcass merit and desirable growth	$\geq 50.0$ %BCTRC with ADG < Gold standard or 49.0-49.9 %BCTRC with $\geq 0.42$ ADG	\$30
Blue	Lambs with desirable carcass merit	Carcasses not meeting Gold or Purple criteria with $> 47.5$ %BCTRC or YG 1 or 2, and with $\geq 0.20$ ADG	\$25
Red	Lambs meeting carcass standards but have less desirable combination of leanness and LMA	All remaining carcasses meeting standards	\$15
Pink	Lambs which are over-finished or under-finished, and/or have small LMA relative to their weight	Carcasses failing to meet one or more of the standards listed above	\$5

The premium categories reward lambs that excel in both carcass merit and growth. The ADG value of 0.42 was chosen as a base since it was the average performance of all the market lambs exhibited in the live show. Within a premium category, carcasses are listed by %BCTRC. Traits shown in bold on the results sheet indicate the carcass does not meet the standard for that trait. Lambs not exhibited in the live show were not eligible for carcass premiums. The State Fair and the Virginia Sheep Industry Board provided the carcass premium monies.

### Contest Summary 1999-2013

Since 1999, a total of 2653 lambs have been evaluated through the Lamb Carcass Contest held in conjunction with Virginia's state youth market lamb show. The following table summarizes the carcass information over this period.

Over the last 15 years, live weights and carcass weights of lambs have gotten substantially heavier. Associated with this weight increase has been a corresponding increase in ADG, loin muscle area, and fatness. During the last 5 years (2009-2013), there has been an increase in the percentage of heavy lambs with heavy carcasses ( $> 85$  pounds), as well as an increased proportion of overfinished, Yield Grade 4 lambs.

In 2013, live weights and carcass weights were similar to 2012 and heavier than previous years. While the proportion of overfinished, YG4 carcasses declined this year, compared to five years ago the trend for an increase in the proportion of YG3 and higher carcasses continues (lower percentage of the carcasses are YG1 & YG2 compared to a few years ago). Along with these heavier weights and increased fatness, there are more lambs considered light muscled based on LMA relative to weight. The number of carcasses with less than the minimum LMA was the highest it has been in recent years. Genetics, feeding, and management programs all play an important role in carcass outcome.

**VIRGINIA LAMB CARCASS CONTEST SUMMARY 1999-2013**

	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>5 year avg. (2008-2012)</u>	<u>15 year avg. (1999-2013)</u>
<b><u>Carcass Measurements:</u></b>								
Number of Carcasses	<b>131</b>	178	191	135	138	128	<b>770 total</b>	<b>2653 total</b>
Live Wt., lb.	<b>130.6</b>	131.4	126.4	129.0	128.7	126.6	<b>128.5</b>	<b>123.5</b>
ADG, lb./day	<b>0.43</b>	0.40	0.39	0.41	0.42	0.38	<b>0.40</b>	<b>0.37</b>
Carcass Wt., lb.	<b>73.6</b>	74.7	71.6	72.5	72.7	69.7	<b>72.4</b>	<b>69.2</b>
Dressing %	<b>56.2</b>	56.7	56.6	56.1	56.4	54.9	<b>56.2</b>	<b>55.9</b>
Adj. Fat Thickness, in.	<b>0.28</b>	0.27	0.26	0.28	0.24	0.22	<b>0.26</b>	<b>0.22</b>
Yield Grade	<b>3.2</b>	3.1	3.0	3.2	2.8	2.6	<b>3.0</b>	<b>2.6</b>
Loin muscle area, sq. in.	<b>3.15</b>	3.27	3.23	3.16	3.24	3.25	<b>3.23</b>	<b>3.12</b>
Leg Score (12 = Ch , 13 = Ch+)	<b>12.3</b>	12.4	12.5	12.3	12.4	12.3	<b>12.4</b>	<b>12.50</b>
% BCTRC	<b>47.2</b>	47.4	47.7	47.1	47.8	48.4	<b>47.7</b>	<b>48.1</b>
Quality Grade (11 = Ch-, 12 = Ch )	<b>11.8</b>	11.7	11.6	11.7	11.6	11.4	<b>11.6</b>	<b>11.4</b>
Carcass Price, \$/cwt.	<b>\$255.00</b>	\$190.00	\$360.00	\$270.00	\$200.00	\$200.00	<b>\$249.65</b>	<b>\$181.78</b>
Live Value, \$/cwt.	<b>\$143.41</b>	\$107.78	\$203.69	\$151.44	\$112.80	\$109.71	<b>\$140.45</b>	<b>\$101.96</b>
<b><u>Carcass Contest Specifications:</u></b>								
ADG standard for premium placings	<b>0.42</b>	0.40	0.40	0.41	0.41	0.37	<b>0.40</b>	<b>0.36</b>
< 0.10 in. Fat Thickness	<b>2 (1.5%)</b>	2.8%	0.0%	0.7%	0.0%	0.0%	<b>0.8%</b>	<b>1.6%</b>
Yield Grade ≥ 4 (> 0.35 in. fat)	<b>19 (14.5%)</b>	16.9%	20.4%	20.7%	11.6%	5.5%	<b>15.6%</b>	<b>7.8%</b>
< minimum Loin Muscle Area	<b>19 (14.5%)</b>	9.6%	4.7%	12.6%	13.0%	5.5%	<b>8.8%</b>	<b>12.8%</b>
< Ch- Quality Grade (No Roll)	<b>0 (0.0%)</b>	0.0%	0.0%	0.7%	0.0%	0.0%	<b>0.1%</b>	<b>0.1%</b>
Carcass weight < 45.0 lb.	<b>0 (0.0%)</b>	0.0%	0.0%	0.0%	0.0%	1.6%	<b>0.3%</b>	<b>0.2%</b>
Gold Premium Category	<b>2 (1.5%)</b>	1.1%	4.2%	0.7%	2.2%	3.9%	<b>2.5%</b>	<b>1.9%</b>
Purple Premium Category	<b>8 (6.1%)</b>	9.6%	14.1%	13.3%	10.1%	20.3%	<b>13.2%</b>	<b>16.2%</b>
Blue Premium Category	<b>52 (39.7%)</b>	36.0%	35.6%	24.4%	30.4%	31.3%	<b>32.1%</b>	<b>32.1%</b>
Red Premium Category	<b>33 (25.2%)</b>	25.8%	23.0%	28.9%	33.3%	32.0%	<b>28.1%</b>	<b>28.8%</b>
Pink Premium Category	<b>36 (27.5%)</b>	27.5%	23.0%	32.6%	23.9%	12.5%	<b>24.2%</b>	<b>21.0%</b>
<b><u>Carcass Distributions:</u></b>								
Yield Grade 1	<b>9 (6.9%)</b>	11.8%	15.2%	8.9%	21.0%	23.4%	<b>15.7%</b>	<b>23.9%</b>
Yield Grade 2	<b>48 (36.6%)</b>	34.3%	34.6%	30.4%	41.3%	43.8%	<b>36.5%</b>	<b>44.1%</b>
Yield Grade 3	<b>55 (42.0%)</b>	37.1%	29.8%	40.0%	26.1%	27.3%	<b>32.2%</b>	<b>24.1%</b>
Yield Grade ≥ 4	<b>19 (14.5%)</b>	16.9%	20.4%	20.7%	11.6%	5.5%	<b>15.6%</b>	<b>7.8%</b>
Prime Quality Grade	<b>6 (4.6%)</b>	4.5%	2.1%	0.7%	0.0%	0.8%	<b>1.8%</b>	<b>1.7%</b>
Choice Quality Grade	<b>125 (95.4%)</b>	95.5%	97.9%	98.5%	100.0%	99.2%	<b>98.1%</b>	<b>98.3%</b>
No Roll Quality Grade	<b>0 (0.0%)</b>	0.0%	0.0%	0.7%	0.0%	0.0%	<b>0.1%</b>	<b>0.1%</b>
HCW < 45 lb.	<b>0 (0.0%)</b>	0.0%	0.0%	0.0%	0.0%	1.6%	<b>0.3%</b>	<b>0.2%</b>
HCW 45-54 lb.	<b>4 (3.1%)</b>	7.9%	7.3%	5.9%	5.1%	13.3%	<b>7.8%</b>	<b>9.9%</b>
HCW 55-64 lb.	<b>27 (20.6%)</b>	9.6%	17.3%	20.0%	21.0%	16.4%	<b>16.5%</b>	<b>24.3%</b>
HCW 65-74 lb.	<b>36 (27.5%)</b>	30.3%	30.4%	31.1%	26.1%	35.2%	<b>30.5%</b>	<b>33.5%</b>
HCW 75-84 lb.	<b>43 (32.8%)</b>	32.0%	35.6%	25.9%	34.8%	26.6%	<b>31.4%</b>	<b>24.7%</b>
HCW > 85 lb.	<b>21 (16.0%)</b>	20.2%	9.4%	17.0%	13.0%	7.0%	<b>13.5%</b>	<b>7.4%</b>

**2013 State Fair of Virginia Lamb Carcass Contest**

Exhibitor	County	VSF ID	Live Weight	Live ADG	Live Class	Live Placing	Carcass Wt.	Dress. %	Adj. FT	Yield Grade	Body Wall	LMA	Leg Score	Quality Grade	% BCTRC	Carcass Price/lb.	Carcass Value	Equivalent Live Price/lb.
<b>Gold</b>																		
Hunter May	Rockingham	08433	106	0.50	BF 3	Res. Div. II	61.0	57.5	0.15	1.9	0.60	3.30	11	Choice°	50.1	\$2.55	\$155.55	\$1.47
Nathan Scott	Craig	08103	137	0.63	BF 13	5	76.0	55.5	0.23	2.7	0.70	4.05	13	Choice+	50.0	\$2.55	\$193.80	\$1.41
<b>2 Gold Carcasses Average</b>			<b>122</b>	<b>0.56</b>			<b>68.5</b>	<b>56.5</b>	<b>0.19</b>	<b>2.3</b>	<b>0.65</b>	<b>3.68</b>	<b>12.0</b>		<b>50.0</b>	<b>\$2.55</b>	<b>\$174.68</b>	<b>\$1.44</b>
<b>Purple</b>																		
Blake Hall	Montgomery	08272	110	0.57	BF 4	10	56.0	50.9	0.15	1.9	0.55	2.95	12	Choice°	49.8	\$2.55	\$142.80	\$1.30
Bradley Custer	Shenandoah	9176	126	0.52	BF 8	5	72.0	57.1	0.14	1.8	0.50	3.40	12	Choice°	49.8	\$2.55	\$183.60	\$1.46
Caleb Boden	Frederick	08267	122	0.53	BF 7	5	65.0	53.3	0.16	2.0	0.65	3.30	12	Choice°	49.5	\$2.55	\$165.75	\$1.36
Alexis Taylor Slocum	Floyd/Montgomery	08241	112	0.47	BF 4	9	61.0	54.5	0.16	2.0	0.65	3.15	12	Choice°	49.5	\$2.55	\$155.55	\$1.39
Chelsea Ellington	Rockingham	08444	97	0.46	BF 1	1	55.0	56.7	0.15	1.9	0.60	2.80	12	Choice+	49.4	\$2.55	\$140.25	\$1.45
Blake Hall	Montgomery	08270	98	0.63	BF 2	7	48.0	49.0	0.15	1.9	0.60	2.50	11	Choice°	49.2	\$2.55	\$122.40	\$1.25
Zane Redifer	Montgomery	08174	98	0.43	BF 2	1	57.0	58.2	0.14	1.8	0.55	2.70	12	Choice°	49.2	\$2.55	\$145.35	\$1.48
Coffman Liggett	Augusta	08453	124	0.62	BF 8	6	70.0	56.5	0.21	2.5	0.75	3.50	12	Choice+	49.0	\$2.55	\$178.50	\$1.44
<b>8 Purple Carcasses Average</b>			<b>111</b>	<b>0.53</b>			<b>60.5</b>	<b>54.5</b>	<b>0.16</b>	<b>2.0</b>	<b>0.61</b>	<b>3.04</b>	<b>11.9</b>		<b>49.4</b>	<b>\$2.55</b>	<b>\$154.28</b>	<b>\$1.39</b>
<b>Blue</b>																		
Sarah Porterfield	Pulaski	08007	105	0.40	BF 3	9	57.0	54.3	0.14	1.8	0.55	2.75	12	Choice°	49.3	\$2.55	\$145.35	\$1.38
Tyler Stilwell	Tazewell	08017	110	0.39	BF 4	8	55.0	50.0	0.16	2.0	0.65	2.80	11	Choice°	49.2	\$2.55	\$140.25	\$1.28
Emilie Webb	Shenandoah	97121	105	0.21	BF 3	Ch. Div. II	61.0	58.1	0.17	2.1	0.65	3.00	12	Choice°	49.1	\$2.55	\$155.55	\$1.48
Amanda Bowman	Montgomery	08260	113	0.26	BF 4	5	63.0	55.8	0.19	2.3	0.65	3.10	12	Choice°	49.1	\$2.55	\$160.65	\$1.42
Rhonda Obaugh	Highland	08398	103	0.20	BF 2	2	59.0	57.3	0.23	2.7	0.70	3.10	12	Choice+	49.1	\$2.55	\$150.45	\$1.46
Kaylee Greiner	Montgomery	08140	105	0.36	BF 3	4	62.0	59.0	0.20	2.4	0.70	3.10	12	Choice°	48.9	\$2.55	\$158.10	\$1.51
Hannah Blankenship	Tazewell	08039	116	0.44	SF 1	2	63.0	54.3	0.20	2.4	0.65	3.05	11	Choice°	48.9	\$2.55	\$160.65	\$1.38
Caleb Boden	Frederick	08264	121	0.50	BF 7	6	68.0	56.2	0.29	3.3	0.85	3.65	13	Choice+	48.9	\$2.55	\$173.40	\$1.43
Tyler Stilwell	Tazewell	08014	144	0.50	BF 16	7	76.0	52.8	0.18	2.2	0.70	3.50	12	Choice+	48.8	\$2.55	\$193.80	\$1.35
Emma Helm	Craig	08111	126	0.51	BF 8	4	66.0	52.4	0.24	2.8	0.75	3.30	12	Choice+	48.7	\$2.55	\$168.30	\$1.34
Kaylee Greiner	Montgomery	08139	109	0.36	BF 4	1	61.0	56.0	0.29	3.3	1.00	3.55	13	Choice+	48.7	\$2.55	\$155.55	\$1.43
Sarah Porterfield	Pulaski	08003	137	0.51	BF 13	9	72.0	52.6	0.18	2.2	0.70	3.30	12	Choice°	48.7	\$2.55	\$183.60	\$1.34
Emilie Webb	Shenandoah	9183	126	0.36	BF 8	Ch. Div. III	72.0	57.1	0.27	3.1	0.80	3.60	13	Choice+	48.7	\$2.55	\$183.60	\$1.46
Isaiah Osborne	Grayson	08052	125	0.57	BF 8	10	69.0	55.2	0.22	2.6	0.70	3.25	12	Choice°	48.6	\$2.55	\$175.95	\$1.41
Savannah Stilwell	Tazewell	08032	131	0.55	BF 10	10	70.0	53.4	0.24	2.8	0.90	3.60	13	Choice+	48.6	\$2.55	\$178.50	\$1.36
Tyller Marie Roney	Botetourt/Rockbridge	08202	114	0.59	BF 5	8	63.0	55.3	0.19	2.3	0.65	2.90	12	Choice°	48.6	\$2.55	\$160.65	\$1.41
Michael Roney	Botetourt/Rockbridge	08206	114	0.64	BF 5	7	61.0	53.5	0.23	2.7	0.80	3.10	12	Choice°	48.5	\$2.55	\$155.55	\$1.36
Sarah Porterfield	Pulaski	08006	123	0.55	BF 7	7	64.0	52.0	0.18	2.2	0.65	2.85	12	Choice°	48.4	\$2.55	\$163.20	\$1.33
Anna-Louise Smith	Craig	08096	155	0.25	BF 18	3	92.0	59.4	0.25	2.9	0.80	4.15	13	Choice+	48.4	\$2.55	\$234.60	\$1.51
Abigail Durheim	Stafford	8541	120	0.57	BF 6	6	67.0	55.8	0.23	2.7	0.80	3.25	12	Choice+	48.4	\$2.55	\$170.85	\$1.42
Kori Simmons	Augusta	08505	105	0.53	BF 3	3	57.0	54.3	0.23	2.7	0.80	2.90	13	Choice+	48.4	\$2.55	\$145.35	\$1.38
Abigail Durheim	Stafford	8543	128	0.56	BF 9	6	72.0	56.3	0.25	2.9	0.80	3.45	13	Choice+	48.4	\$2.55	\$183.60	\$1.43
Tyller Marie Roney	Botetourt/Rockbridge	08201	104	0.42	BF 3	10	56.0	53.8	0.21	2.5	0.65	2.60	11	Choice°	48.4	\$2.55	\$142.80	\$1.37
Anna-Louise Smith	Craig	08099	126	0.66	BF 8	2	71.0	56.3	0.19	2.3	0.75	3.20	12	Choice°	48.3	\$2.55	\$181.05	\$1.44
Leah Greiner	Montgomery	08147	119	0.35	WF 2	Ch. Div. I	70.0	58.8	0.31	3.5	0.80	3.45	12	Choice+	48.3	\$2.55	\$178.50	\$1.50
Kori Simmons	Augusta	08496	122	0.55	BF 7	3	69.0	56.6	0.18	2.2	0.70	3.00	12	Choice+	48.2	\$2.55	\$175.95	\$1.44
Luke Redifer	Montgomery	08165	104	0.40	BF 3	6	58.0	55.8	0.23	2.7	0.80	2.85	12	Choice°	48.2	\$2.55	\$147.90	\$1.42
Zane Redifer	Montgomery	08179	113	0.40	BF 4	4	66.0	58.4	0.22	2.6	0.70	2.95	12	Choice+	48.2	\$2.55	\$168.30	\$1.49
Jon Powell	Augusta	08518	137	0.50	BF 13	3	74.0	54.0	0.22	2.6	0.70	3.20	12	Choice+	48.1	\$2.55	\$188.70	\$1.38
Courtney Perfater	Montgomery	08231	139	0.39	BF 14	5	79.0	56.8	0.28	3.2	0.90	3.75	13	Choice+	48.0	\$2.55	\$201.45	\$1.45

2013 State Fair of Virginia Lamb Carcass Contest

Exhibitor	County	VSF ID	Live Weight	Live ADG	Live Class	Live Placing	Carcass Wt.	Dress. %	Adj. FT	Yield Grade	Body Wall	LMA	Leg Score	Quality Grade	% BCTRC	Carcass Price/lb.	Carcass Value	Equivalent Live Price/lb.	
<b>Blue (cont.)</b>																			
Amanda Bowman	Montgomery	08257	125	0.25	BF 8	11	69.0	55.2	0.25	2.9	0.80	3.20	12	Choice+	48.0	\$2.55	\$175.95	\$1.41	
Jon Powell	Augusta	08521	146	0.54	BF 16	1	82.0	56.2	0.23	2.7	0.80	3.60	13	Choice+	48.0	\$2.55	\$209.10	\$1.43	
Kori Simmons	Augusta	08506	133	0.66	BF 11	1	78.0	58.6	0.23	2.7	0.75	3.35	13	Choice+	47.9	\$2.55	\$198.90	\$1.50	
Kylie Hash	Smyth	08035	117	0.33	WF 2	Res. Div. I	62.0	53.0	0.21	2.5	0.90	2.95	11	Choice°	47.8	\$2.55	\$158.10	\$1.35	
Cassie Simmons	Augusta	08494	141	0.50	BF 15	Ch. Div. V 3rd Overall	82.0	58.2	0.25	2.9	0.80	3.55	13	Choice+	47.8	\$2.55	\$209.10	\$1.48	
Abigail Durheim	Stafford	8542	134	0.67	SF 2	1	73.0	54.5	0.26	3.0	0.85	3.30	12	Choice+	47.7	\$2.55	\$186.15	\$1.39	
Suter Clark	Pittsylvania	08228	116	0.33	BF 5	5	61.0	52.6	0.27	3.1	0.75	2.75	11	Choice°	47.7	\$2.55	\$155.55	\$1.34	
Cody Boden	Frederick	08277	130	0.56	BF 10	4	75.0	57.7	0.30	3.4	0.90	3.50	12	Choice+	47.7	\$2.55	\$191.25	\$1.47	
Emmalee Edwards	Craig	08083	142	0.51	BF 15	7	76.0	53.5	0.28	3.2	0.80	3.35	13	Choice+	47.7	\$2.55	\$193.80	\$1.36	
Carly Mitchell	Chesapeake	2540	115	0.43	BF 5	1	72.0	62.6	0.25	2.9	0.80	3.15	13	Choice+	47.6	\$2.55	\$183.60	\$1.60	
Haley Meadows	Rockbridge	08190	131	0.29	BF 10	5	75.0	57.3	0.27	3.1	0.95	3.50	13	Choice+	47.6	\$2.55	\$191.25	\$1.46	
Sidnie Saville	Montgomery	08132	124	0.56	BF 8	9	72.0	58.1	0.20	2.4	0.75	2.95	12	Choice+	47.6	\$2.55	\$183.60	\$1.48	
Luke Redifer	Montgomery	08166	108	0.26	BF 3	5	67.0	62.0	0.25	2.9	0.85	3.00	12	Choice+	47.5	\$2.55	\$170.85	\$1.58	
Mallory Unger	Clarke	9173	137	0.49	BF 13	8	77.0	56.2	0.24	2.8	0.85	3.30	13	Choice+	47.5	\$2.55	\$196.35	\$1.43	
Emma Wachter	Chesapeake	2554	140	0.35	BF 14	8	71.0	50.7	0.20	2.4	0.75	2.85	12	Choice+	47.4	\$2.55	\$181.05	\$1.29	
Sarah Porterfield	Pulaski	08002	130	0.42	BF 10	7	68.0	52.3	0.25	2.9	0.90	3.05	12	Choice+	47.4	\$2.55	\$173.40	\$1.33	
Coffman Liggett	Augusta	08451	121	0.40	BF 7	9	63.0	52.1	0.23	2.7	0.80	2.65	11	Choice°	47.3	\$2.55	\$160.65	\$1.33	
Cody Boden	Frederick	08278	144	0.32	BF 16	3	84.0	58.3	0.25	2.9	0.80	3.40	13	Choice+	47.2	\$2.55	\$214.20	\$1.49	
Mallory Unger	Clarke	9172	137	0.53	BF 13	6	78.0	56.9	0.25	2.9	0.85	3.25	13	Choice+	47.2	\$2.55	\$198.90	\$1.45	
Anna-Louise Smith	Craig	08094	129	0.28	BF 9	Ch. Div. IV Grand Champ.	85.0	65.9	0.15	1.9	1.00	3.40	14	Choice+	46.9	\$2.55	\$216.75	\$1.68	
Jack Redifer	Montgomery	08161	131	0.45	BF 10	Res. Div. VI Res. Grand Ch.	80.5	61.5	0.15	1.9	0.85	3.00	14	Choice+	46.8	\$2.55	\$205.28	\$1.57	
Emma Grubb	Augusta	08511	133	0.42	BF 11	9	79.0	59.4	0.24	2.8	0.85	3.10	13	Choice+	46.8	\$2.55	\$201.45	\$1.51	
<b>52 Blue Carcasses Average</b>			<b>124</b>	<b>0.44</b>			<b>69.7</b>	<b>56.0</b>	<b>0.23</b>	<b>2.7</b>	<b>0.78</b>	<b>3.20</b>	<b>12.3</b>		<b>48.1</b>	<b>\$2.55</b>	<b>\$177.64</b>	<b>\$1.43</b>	

2013 State Fair of Virginia Lamb Carcass Contest

Exhibitor	County	VSF ID	Live Weight	Live ADG	Live Class	Live Placing	Carcass Wt.	Dress. %	Adj. FT	Yield Grade	Body Wall	LMA	Leg Score	Quality Grade	% BCTRC	Carcass Price/lb.	Carcass Value	Equivalent Live Price/lb.
<b>Red</b>																		
Haley Meadows	Rockbridge	8836	97	0.18	BF 1	4	51.0	52.6	0.16	2.0	0.65	2.55	11	Choice°	48.9	\$2.55	\$130.05	\$1.34
J. Bailey Hadacek	Augusta	08419	118	0.13	WF 2	5	64.0	54.2	0.23	2.7	0.70	3.00	11	Choice°	48.4	\$2.55	\$163.20	\$1.38
Zane Redifer	Montgomery	08176	119	0.38	BF 6	1	69.0	58.0	0.29	3.3	0.85	3.10	12	Choice+	47.4	\$2.55	\$175.95	\$1.48
Cassie Simmons	Augusta	08488	134	0.38	BF 11	5	78.0	58.2	0.26	3.0	0.90	3.40	12	Choice+	47.4	\$2.55	\$198.90	\$1.48
Jesse Bradley	Augusta	08392	135	0.39	BF 12	6	76.0	56.3	0.30	3.4	0.95	3.45	12	Choice+	47.3	\$2.55	\$193.80	\$1.44
Kaylee Greiner	Montgomery	08137	136	0.29	BF 12	4	79.0	58.1	0.35	3.9	1.00	3.70	13	Choice+	47.3	\$2.55	\$201.45	\$1.48
Chet Boden	Frederick	08274	140	0.50	BF 14	2	79.0	56.4	0.31	3.5	1.05	3.70	13	Choice+	47.3	\$2.55	\$201.45	\$1.44
Caleb Durham	Stafford	8544	126	0.54	BF 8	8	72.0	57.1	0.27	3.1	0.90	3.15	13	Choice+	47.2	\$2.55	\$183.60	\$1.46
Katie Stogdale	Augusta	08386	166	0.45	BF 20	2	101.0	60.8	0.35	3.9	1.10	4.55	13	Choice+	47.1	\$2.55	\$257.55	\$1.55
Hunter May	Rockingham	08429	123	0.51	BF 7	Res. Div. III	66.0	53.7	0.31	3.5	0.95	3.05	12	Choice+	47.1	\$2.55	\$168.30	\$1.37
Jack Redifer	Montgomery	08155	128	0.33	BF 9	2	79.0	61.7	0.26	3.0	0.90	3.30	13	Choice+	47.0	\$2.55	\$201.45	\$1.57
Cassie Simmons	Augusta	08493	139	0.38	BF 14	1	82.0	59.0	0.31	3.5	0.95	3.55	13	Choice+	47.0	\$2.55	\$209.10	\$1.50
Camille Mitchell	Chesapeake	2538	149	0.47	BF 17	2	92.0	61.7	0.28	3.2	0.85	3.65	13	Prime-	46.9	\$2.55	\$234.60	\$1.57
Kylie Hash	Smyth	08036	138	0.46	BF 13	7	78.0	56.5	0.31	3.5	0.95	3.35	12	Choice+	46.8	\$2.55	\$198.90	\$1.44
Emmalee Edwards	Craig	08087	139	0.44	BF 14	6	75.0	54.0	0.27	3.1	0.90	3.10	12	Choice+	46.8	\$2.55	\$191.25	\$1.38
Mallory Unger	Clarke	9171	139	0.60	BF 14	4	80.0	57.6	0.30	3.4	1.10	3.60	13	Choice+	46.8	\$2.55	\$204.00	\$1.47
Luke Redifer	Montgomery	08164	133	0.39	BF 11	3	79.0	59.4	0.28	3.2	0.85	3.15	13	Choice+	46.7	\$2.55	\$201.45	\$1.51
Sidnie Saville	Montgomery	08130	123	0.51	BF 7	8	69.0	56.1	0.31	3.5	0.95	3.00	13	Choice+	46.7	\$2.55	\$175.95	\$1.43
Bradley Custer	Shenandoah	8951	156	0.50	BF 19	3	91.0	58.3	0.29	3.3	0.95	3.70	13	Choice+	46.7	\$2.55	\$232.05	\$1.49
Samantha Price	Rockingham	08407	143	0.47	BF 15	4	81.0	56.6	0.30	3.4	0.90	3.30	13	Choice+	46.7	\$2.55	\$206.55	\$1.44
Katie Stogdale	Augusta	08388	148	0.61	BF 17	1	80.0	54.1	0.31	3.5	0.95	3.35	13	Choice+	46.7	\$2.55	\$204.00	\$1.38
Caleb Durham	Stafford	8545	131	0.53	SF 2	2	76.0	58.0	0.29	3.3	0.80	2.95	13	Choice+	46.6	\$2.55	\$193.80	\$1.48
Kaylee Greiner	Montgomery	08136	143	0.33	BF 15	5	82.0	57.3	0.28	3.2	1.00	3.25	13	Choice+	46.2	\$2.55	\$209.10	\$1.46
Courtney Perfater	Montgomery	08232	150	0.38	BF 17	5	80.0	53.3	0.33	3.7	1.00	3.25	13	Choice+	46.2	\$2.55	\$204.00	\$1.36
Carly Mitchell	Chesapeake	2541	146	0.44	BF 16	6	89.0	61.0	0.30	3.4	0.90	3.35	13	Choice+	46.1	\$2.55	\$226.95	\$1.55
Leah Greiner	Montgomery	08146	132	0.39	BF 10	3	76.0	57.6	0.35	3.9	1.10	3.25	13	Choice+	46.1	\$2.55	\$193.80	\$1.47
Harley Bradley	Augusta	08402	141	0.40	BF 15	Res. Div. V	78.0	55.3	0.33	3.7	1.00	3.05	12	Choice+	45.8	\$2.55	\$198.90	\$1.41
Camille Mitchell	Chesapeake	2537	134	0.42	BF 11	4	87.0	64.9	0.31	3.5	0.95	3.25	13	Choice+	45.8	\$2.55	\$221.85	\$1.66
Rachel Craun	Rockingham	08415	149	0.43	BF 17	4	80.0	53.7	0.33	3.7	1.00	3.10	13	Choice+	45.8	\$2.55	\$204.00	\$1.37
Amanda Bowman	Montgomery	08261	157	0.44	BF 19	5	89.0	56.7	0.34	3.8	1.05	3.45	13	Choice+	45.7	\$2.55	\$226.95	\$1.45
Ryan Borer	Rockbridge	08221	162	0.59	BF 20	3	100.0	61.7	0.30	3.4	1.00	3.65	14	Choice+	45.6	\$2.55	\$255.00	\$1.57
Shaina Beach	Rockingham	9156	162	0.46	BF 20	7	87.0	53.7	0.33	3.7	1.00	3.15	13	Choice+	45.3	\$2.55	\$221.85	\$1.37
Meghan Perfater	Montgomery	08229	164	0.35	BF 20	6	95.0	57.9	0.35	3.9	1.10	3.55	13	Prime-	45.2	\$2.55	\$242.25	\$1.48
<b>33 Red Carcasses Average</b>			<b>139</b>	<b>0.43</b>			<b>80.0</b>	<b>57.3</b>	<b>0.30</b>	<b>3.4</b>	<b>0.95</b>	<b>3.33</b>	<b>12.7</b>		<b>46.7</b>	<b>\$2.55</b>	<b>\$204.00</b>	<b>\$1.46</b>

2013 State Fair of Virginia Lamb Carcass Contest

Exhibitor	County	VSF ID	Live Weight	Live ADG	Live Class	Live Placing	Carcass Wt.	Dress. %	Adj. FT	Yield Grade	Body Wall	LMA	Leg Score	Quality Grade	% BCTRC	Carcass Price/lb.	Carcass Value	Equivalent Live Price/lb.
<b>Pink</b>																		
Lindsey Mullins	Charlotte	08704	104	0.35	BF 3	11	48.0	46.2	<u>0.10</u>	1.4	0.45	2.70	10	Choice-	50.5	\$2.55	\$122.40	\$1.18
Michael Hooper	Tazewell	08022	110	0.38	BF 4	11	53.0	48.2	<u>0.10</u>	1.4	0.45	<u>2.25</u>	10	Choice-	48.9	\$2.55	\$135.15	\$1.23
Sarah-Jane French	Cumberland	2534	150	0.33	BF 17	3	90.0	60.0	<u>0.51</u>	<u>5.5</u>	1.15	4.30	13	Choice+	46.6	\$2.55	\$229.50	\$1.53
Haley Morris	Rockingham	08378	130	0.50	BF 10	9	67.0	51.5	0.29	3.3	0.85	<u>2.65</u>	12	Choice+	46.5	\$2.55	\$170.85	\$1.31
Rachel Craun	Rockingham	08414	127	0.31	BF 9	5	72.0	56.7	0.24	2.8	0.80	<u>2.65</u>	12	Choice°	46.5	\$2.55	\$183.60	\$1.45
Coffman Liggett	Augusta	08449	118	0.37	WF 2	3	63.0	53.4	0.28	3.2	0.90	<u>2.55</u>	11	Choice°	46.5	\$2.55	\$160.65	\$1.36
Aiden Shiflett	Augusta	08473	111	0.45	WF 1	1	61.0	55.0	<u>0.41</u>	<u>4.5</u>	1.00	2.85	12	Choice+	46.4	\$2.55	\$155.55	\$1.40
Haley Meadows	Rockbridge	08194	111	0.17	BF 4	7	62.0	55.9	0.28	3.2	0.80	<u>2.30</u>	11	Choice+	46.3	\$2.55	\$158.10	\$1.42
Alexis Taylor Slocum	Floyd/Montgomery	08234	107	0.40	BF 3	8	61.0	57.0	0.29	3.3	1.00	<u>2.55</u>	11	Choice°	46.2	\$2.55	\$155.55	\$1.45
Emma Helm	Craig	08110	120	0.48	BF 6	5	66.0	55.0	0.27	3.1	0.90	<u>2.50</u>	11	Choice°	46.1	\$2.55	\$168.30	\$1.40
Cody Boden	Frederick	08276	153	0.51	BF 18	4	83.0	54.2	<u>0.38</u>	<u>4.2</u>	1.00	3.40	13	Choice+	46.1	\$2.55	\$211.65	\$1.38
Jon Powell	Augusta	08517	120	0.34	SF 1	1	66.0	55.0	0.26	3.0	0.85	<u>2.35</u>	12	Choice+	46.0	\$2.55	\$168.30	\$1.40
Jesse Bradley	Augusta	08394	139	0.43	SF 2	4	78.0	56.1	<u>0.36</u>	<u>4.0</u>	1.10	3.25	12	Choice+	45.8	\$2.55	\$198.90	\$1.43
Emmalee Edwards	Craig	08086	155	0.41	BF 18	7	86.0	55.5	<u>0.36</u>	<u>4.0</u>	0.95	3.30	13	Choice+	45.8	\$2.55	\$219.30	\$1.41
Meghan Perfater	Montgomery	08230	130	0.32	BF 10	6	73.0	56.2	<u>0.38</u>	<u>4.2</u>	1.00	2.90	13	Choice+	45.7	\$2.55	\$186.15	\$1.43
Haley Meadows	Rockbridge	08187	152	0.34	BF 18	6	84.0	55.3	<u>0.41</u>	<u>4.5</u>	1.20	3.60	13	Choice+	45.6	\$2.55	\$214.20	\$1.41
Madison Powell	Augusta	08514	132	0.36	BF 10	8	71.0	53.8	0.32	3.6	0.90	<u>2.55</u>	11	Choice°	45.6	\$2.55	\$181.05	\$1.37
Emilie Webb	Shenandoah	97119	151	0.36	BF 18	Res. Div. VI 5th Overall	88.0	58.3	<u>0.40</u>	<u>4.4</u>	1.25	3.75	13	Choice+	45.5	\$2.55	\$224.40	\$1.49
Madison Powell	Augusta	08515	143	0.37	BF 15	6	77.0	53.8	0.28	3.2	0.90	<u>2.65</u>	13	Choice+	45.5	\$2.55	\$196.35	\$1.37
Kylie Hash	Smyth	08034	121	0.41	BF 7	4	69.0	57.0	0.34	3.8	0.90	<u>2.45</u>	12	Choice+	45.4	\$2.55	\$175.95	\$1.45
Harley Bradley	Augusta	08395	140	0.63	BF 14	3	79.0	56.4	<u>0.40</u>	<u>4.4</u>	1.10	3.15	13	Choice+	45.3	\$2.55	\$201.45	\$1.44
Haley Morris	Rockingham	08380	160	0.26	BF 19	4	84.0	52.5	0.31	3.5	0.95	<u>2.90</u>	13	Choice+	45.2	\$2.55	\$214.20	\$1.34
Jack Redifer	Montgomery	08156	154	0.45	BF 18	Ch. Div. VI 4th Overall	86.0	55.8	<u>0.38</u>	<u>4.2</u>	1.20	3.40	13	Choice+	45.1	\$2.55	\$219.30	\$1.42
Zane Redifer	Montgomery	08173	162	0.37	BF 20	5	94.0	58.0	<u>0.43</u>	<u>4.7</u>	1.15	3.65	13	Choice+	45.0	\$2.55	\$239.70	\$1.48
Emma Grubb	Augusta	08510	149	0.52	BF 17	6	83.0	55.7	0.35	3.9	1.00	<u>2.90</u>	12	Choice+	45.0	\$2.55	\$211.65	\$1.42
Hunter May	Rockingham	08437	138	0.37	SD	1	75.0	54.3	0.31	3.5	0.95	<u>2.45</u>	11	Choice+	44.9	\$2.55	\$191.25	\$1.39
Cassie Simmons	Augusta	08485	141	0.45	BF 15	3	80.0	56.7	0.35	3.9	1.10	<u>2.90</u>	13	Choice+	44.9	\$2.55	\$204.00	\$1.45
Luke Redifer	Montgomery	08170	126	0.33	BF 8	3	76.0	60.3	<u>0.37</u>	<u>4.1</u>	0.95	<u>2.55</u>	13	Prime-	44.8	\$2.55	\$193.80	\$1.54
Sarah-Jane French	Cumberland	2533	120	0.33	SD	2	70.0	58.3	<u>0.51</u>	<u>5.5</u>	1.20	2.95	12	Choice+	44.8	\$2.55	\$178.50	\$1.49
Kylie Hash	Smyth	08033	134	0.48	BF 11	6	85.0	63.4	<u>0.39</u>	<u>4.3</u>	1.05	<u>3.00</u>	12	Choice+	44.7	\$2.55	\$216.75	\$1.62
Coffman Liggett	Augusta	08450	128	0.27	SD	3	69.0	53.9	0.35	3.9	1.10	<u>2.10</u>	11	Choice+	43.8	\$2.55	\$175.95	\$1.37
Jack Redifer	Montgomery	08152	162	0.42	BF 20	1	97.0	59.9	<u>0.43</u>	<u>4.7</u>	1.20	3.35	13	Choice+	43.8	\$2.55	\$247.35	\$1.53
Jacob Bowman	Montgomery	08246	152	0.29	BF 18	5	89.0	58.6	<u>0.47</u>	<u>5.1</u>	1.25	3.15	12	Choice+	43.7	\$2.55	\$226.95	\$1.49
Kaylyn Beach	Rockingham	9162	157	0.42	BF 19	1	90.0	57.3	<u>0.50</u>	<u>5.4</u>	1.30	3.25	13	Prime-	43.5	\$2.55	\$229.50	\$1.46
Katie Stogdale	Augusta	08387	141	0.40	SF 2	3	80.0	56.7	<u>0.42</u>	<u>4.6</u>	1.25	<u>2.65</u>	13	Prime-	43.4	\$2.55	\$204.00	\$1.45
Sarah-Jane French	Cumberland	2535	161	0.39	BF 19	2	97.0	60.2	<u>0.49</u>	<u>5.3</u>	1.25	3.35	13	Prime-	43.4	\$2.55	\$247.35	\$1.54
<b>36 Pink Carcasses Average</b>			<b>136</b>	<b>0.39</b>			<b>76.4</b>	<b>55.9</b>	<b>0.35</b>	<b>3.9</b>	<b>1.01</b>	<b>2.92</b>	<b>12.2</b>		<b>45.5</b>	<b>\$2.55</b>	<b>\$194.93</b>	<b>\$1.43</b>
<b>131 Total Contest Carcasses Average</b>			<b>131</b>	<b>0.43</b>			<b>73.6</b>	<b>56.2</b>	<b>0.28</b>	<b>3.2</b>	<b>0.87</b>	<b>3.15</b>	<b>12.3</b>		<b>47.2</b>	<b>\$2.55</b>	<b>\$187.56</b>	<b>\$1.43</b>



2013 State Fair of Virginia Lamb Carcass Contest

Exhibitor	County	VSF ID	Live Weight	Live ADG	Live Class	Live Placing	Carcass Wt.	Dress. %	Adj. FT	Yield Grade	Body Wall	LMA	Leg Score	Quality Grade	% BCTRC	Carcass Price/lb.	Carcass Value	Equivalent Live Price/lb.
<b>Additional Lambs</b>																		
Sarah Porterfield	Pulaski	08001	144	0.46			78.0	54.2	0.32	3.6	1.00	<u>2.90</u>	12	Choice+	45.5	\$2.55	\$198.90	\$1.38
Nathan Scott	Craig	08100	134	0.65	ewe BF 7	7	74.0	55.2	0.22	2.6	0.85	3.30	13	Choice+	47.8	\$2.55	\$188.70	\$1.41
Haley Meadows	Rockbridge	08191	124	0.28			68.0	54.8	0.17	2.1	0.60	<u>2.70</u>	12	Choice+	47.9	\$2.55	\$173.40	\$1.40
Ethan West	Floyd	08223	106	0.35			60.0	56.6	0.24	2.8	0.70	<u>2.45</u>	12	Choice+	47.3	\$2.55	\$153.00	\$1.44
Carson West	Floyd	08224	108	0.31			62.0	57.4	0.15	1.9	0.60	3.10	12	Choice°	49.5	\$2.55	\$158.10	\$1.46
Caley Ellington	Rockingham	08441	128	0.47	BF 9		71.0	55.5	0.24	2.8	0.90	3.10	13	Choice+	47.3	\$2.55	\$181.05	\$1.41
Simon Liggett	Augusta	08455	117	0.60	ewe BF 2	4	66.0	56.4	0.27	3.1	0.90	3.35	12	Choice°	48.2	\$2.55	\$168.30	\$1.44
Simon Liggett	Augusta	08458	103	0.42	ewe BF 1	8	55.0	53.4	0.18	2.2	0.70	2.55	11	Choice°	48.3	\$2.55	\$140.25	\$1.36