



## Piedmontese Cattle Performance & Beef Quality

### **Hybrid Vigor (Heterosis)**

Heterosis is the outcome of mating cattle of different breeds. The more diverse the cattle, the greater the heterosis realized. Hybrid offspring often demonstrate improved traits that exceed the average performance of their parents.

### **Piedmontese Terminal Crossbreeding**

The Piedmontese breed carries the unique myostatin gene (C313Y) that can define a beef production program in a single crossbreeding season. Options exist for homozygous polled and homozygous black breeding stock.

## Yield Grade and Quality Grade Results (373 Head Study)

Yield Grade	# Animals	% of Total	Quality Grade	# Animals
YG1	114	30	Prime	1
YG2	189	51	Choice	259
YG3	66	18	Select	109
YG4 & 5	4	1	Other	4

## The Piedmontese Breed – The Myostatin Breed

Piedmontese cattle originated in northwest Italy. They are born fawn and mature to grey or white with black skin pigmentation. The inactive myostatin gene (C313Y) increases lean muscle yield while maintaining exceptional tenderness.

## Feed Efficiency Data – Piedmontese Top 5 Feed to Gain

Pied top 5 F/G	Feed to Gain	205 day wt lbs	365 day wt lbs	365 day REA sq.in	Rib Fat inches	RFI
Pied-18J	5.12	670	1091	18.77	0.10	-3.28
Pied-24J	5.28	688	1144	15.21	0.15	-4.65
Pied-306J	5.35	623	1169	16.57	0.15	-3.28
Pied-272J	5.39	726	1347	19.12	0.13	-3.37
Pied-313J	5.48	675	1140	17.9	0.17	-0.51

## MBT Top 5 Efficiency (Midlands Angus)

MBT top 5 Efficiency	Feed to Gain	205 day wt lbs	365 day wt lbs	365 day REA sq.in	Rib Fat inches	RFI
Midlands Angus 2040197	126	718	1201	12.9	0.35	-3.59
Midlands Angus 2030218	122	709	1330	13.9	0.22	-3.79
Midlands Angus 2040730	120	780	1302	13.5	0.34	-3.44
Midlands Angus 20217352	118	872	1224	13.6	0.31	-2.91
Midlands Angus 20413063	117	682	1168	10.9	0.30	-4.17

## MBT & Pied Top Growth Bulls

MBT & Pied top Growth Bulls	Feed to Gain	205 day wt lbs	365 day wt lbs	365 day REA sq.in	Rib Fat inches	RFI
Pied-126ZJ	7.01	877	1392	16.21	0.19	0.78
Midlands Angus 2013187	113	852	1398	13.5	0.35	-0.15

### Nutrition Comparison (3.5 oz serving)

Product	Calories	Total Fat	Cholesterol	Protein
Fullblood Piedmontese	96	1.6 g	57 mg	19.1 g
American Wagyu	283	24.8 g	70 mg	16.1 g
Salmon	188	11.2 g	53 mg	20.4 g
Turkey	211	11.5 g	103 mg	26.9 g
Chicken	201	10.3 g	92 mg	27.1 g

### Key Advantage of Piedmontese Beef

Low calorie, low fat, high protein beef with exceptional tenderness and strong retail yield performance.