

**2009 Bent County Fair  
Jr. Market Swine Ultrasound Carcass Contest**

Contestant	Tag #	Sex (B=1, G=2)	LWT	fat (cm)	10th Fat (in)	LEA (cm)	LEA (in2)	% Fat Free Lean	%FFL Rank	Fat Adj	LEA Adj	WT Adj	INDEX	Index Rank
Jordan Melgoza	12	1	269	1.40	0.55	75.65	11.73	66.863	3	0.0	-1.5	1.000	66.363	1
Paige Ridley	28	2	271	0.90	0.35	74.70	11.58	68.296	2	-1.5	-1.5	1.000	66.296	2
Quade Malone	4	2	233	1.00	0.39	73.22	11.35	71.922	1	-1.5	-1.5	-3.000	65.922	3
Jake Trujillo	16	2	269	1.10	0.43	69.21	10.73	65.540	5	-0.5	-1.5	1.000	64.540	4
TJ Trujillo	14	1	280	1.50	0.59	64.79	10.04	61.060	8	0.0	-1.5	1.000	60.560	5
	21	2	233	0.80	0.31	57.23	8.87	64.878	6	-1.5	0	-3.000	60.378	6
	23	2	255	0.90	0.35	51.49	7.98	59.771	9	-1.5	0.5	0.000	58.771	7
	18	2	262	1.20	0.47	49.39	7.66	57.309	12	-0.5	0.5	1.000	58.309	8
	38	1	225	0.90	0.35	56.77	8.80	64.663	7	-1.5	0	-5.000	58.163	9
	20	2	250	1.50	0.59	49.17	7.62	57.019	13	0.0	0.5	0.000	57.519	10
	6	2	236	0.70	0.28	59.54	9.23	66.037	4	-5.0	-1.5	-3.000	56.537	11
	33	2	254	0.70	0.28	49.38	7.65	59.599	11	-5.0	0.5	0.000	55.099	12
	2	2	289	1.10	0.43	59.01	9.15	59.715	10	-0.5	-1.5	-5.000	52.715	13
	34	2	277	0.90	0.35	40.74	6.31	53.737	14	-1.5	-2	1.000	51.237	14

**Index = % Fat Free Lean = 0.833\*Gender - 16.498\*fat + 5.425\*LEA + 0.291\*Live Weight - 0.534/Live Weight \* 100 / 0.74**

**Weight**

Fat Index	%FFL	LEA	%FFL	Index	%FFL
>.5"	0.0	<6.5	-2.0	<230	-5.0
.4-.49	-0.5	6.5-7.9	0.5	230-239	-3.0
.3-.39	-1.5	8.0-8.9	0.0	240-249	-1.0
<.3	-5.0	>9.0	-1.5	250-259	0.0
				259-285	1.0
				>285	-5.0

**INDEX = %FFL+FAT INDEX+LEA INDEX+WEIGHT INDEX**