

Houston Livestock Show and Rodeo 2007 Pork Carcass Contest Results

Judge: Dr. Dan Hale Superintendent: Dr. Jeff Savell, TAMU Asst. Superintendent (Barrow Carcass Contest): Dr. Dan Hale, TCE

Exhibitor Name	Club/Chapter Name	Tag #	Breed	Live Placing	Live Weight	Carc. Length	Carc. Wt. (lb.)	First Rib BF (in.)	Last Rib BF (in.)	Last Lumb BF (in.)	Avg BFT	10th Rib BFT (in.)	Loin Eye Area (in ²)	Musc. Score	USDA Grade	Percent Muscle	Musc. Color Score	Marb. Score	Musc. Firm. Score	Meets Min. Carc. Quality	Meets Max. Carc. Wt.	Meets All Carcass Specs.	Carcass Placing
Madeleine Bezner	Dallam County 4-H	7535	Berkshire (Class 26)	RCh	252	31.5	203.0	1.50	0.80	0.70	1.00	0.75	7.70	3	0.2	54.04	3	2	3	YES	YES	Y	
Brady Buxkemper	Slaton FFA	16850	Berkshire (Class 27)	Ch	270	33.0	212.0	1.60	0.80	0.85	1.08	0.80	8.10	3	0.2	53.77	3	1	2	YES	YES	Y	
Lindsey Lopez	Bexar County 4-H	4031	Chester White & OPB (Class 58)	1	253	31.0	201.0	1.60	1.00	0.90	1.17	0.85	8.40	3	1.0	54.07	3	2	2	YES	YES	Y	
Jared Chandler	Nacogdoches County 4-H	19055	Chester White & OPB (Class 59)	1	254	32.0	191.5	1.50	0.70	0.70	0.97	0.80	6.85	3	-0.2	52.59	4	3	3	YES	YES	Y	
Jacob Behrends	Fredericksburg FFA	9726	Chester White & OPB (Class 60)	Ch	270	31.5	209.0	1.50	0.70	0.60	0.93	0.65	8.20	3	-0.2	55.59	3	1.5	2	YES	YES	Y	
Macy Davidson	Valley FFA	4929	Chester White & OPB (Class 61)	RCh	270	32.0	208.0	1.40	0.90	0.90	1.07	0.80	10.10	3	0.6	56.80	3	2	3	YES	YES	Y	
Brooke Owens	White Deer FFA	25582	Dark Cross (Class 52)	1	230	32.0	170.0	1.40	0.90	0.80	1.03	0.55	7.90	3	0.6	58.43	3	1.5	2	YES	YES	Y	9
Brianna Yauck	Armstrong County 4-H	2703	Dark Cross (Class 53)	1	238	32.0	188.0	1.20	0.80	1.00	1.00	0.70	7.50	3	0.2	54.90	3	1.5	2	YES	YES	Y	
Logan Harrison	Bailey County 4-H	3134	Dark Cross (Class 54)	1	249	32.0	199.0	1.00	0.70	0.70	0.80	0.50	9.30	3	-0.2	59.36	2.5	1	1	NO	YES	NQ	
Brittany Wilson	Seagraves FFA	9239	Dark Cross (Class 55)	1	260	32.0	205.0	1.50	1.10	1.00	1.20	0.60	10.00	3	1.4	58.94	3	2	2	YES	YES	Y	7
Taylor Bradley	Nazareth FFA	6091	Dark Cross (Class 56)	1	266	31.0	200.5	1.60	0.85	0.55	1.00	0.50	8.10	3	0.4	57.46	3	1.5	2	YES	YES	Y	
Kristen Knight	Shallowater FFA	16972	Dark Cross (Class 57)	Ch	270	32.0	210.5	1.50	0.60	0.60	0.90	0.60	9.00	3	-0.6	57.19	3	1	1	NO	YES	NQ	
Ashley Schooler	Oldham County 4-H	19445	Dark Cross (Class 57)	RCh	270	32.0	181.0	1.30	0.70	0.80	0.93	0.75	7.90	3	-0.2	55.29	4	2.5	3	YES	YES	Y	
Daniel Hundley	Pearland FFA	4707	Duroc (Class 07)	RCh LW	235	30.5	183.0	1.00	0.45	0.40	0.62	0.40	8.60	3	-1.2	60.53	3	1	2	YES	YES	Y	5
Mackenzie Spisak	Gillespie County 4-H	9677	Duroc (Class 08)	RCh	243	31.3	180.0	1.40	0.80	0.75	0.98	0.60	6.00	3	0.2	53.99	3	1.5	2	YES	YES	Y	
Lacey Bolton	Hartley FFA	12023	Duroc (Class 09)	1	253	32.0	199.0	1.60	0.80	0.70	1.03	0.70	8.20	3	0.2	55.50	3.5	3	3	YES	YES	Y	
Jonna Williams	Quanah FFA	26563	Duroc (Class 12)	1	256	31.0	198.5	1.35	0.80	0.80	0.98	0.65	8.80	3	0.2	56.98	3.5	3	3	YES	YES	Y	
Macy Kandon Mires	O'Donnell FFA	17509	Duroc (Class 13)	Ch HW	266	34.2	207.6	1.50	0.80	0.60	0.97	0.55	8.30	3	0.2	56.85	3.5	1.5	2	YES	YES	Y	
Abby Johnson	Parmer County 4-H	19615	Duroc (Class 14)	Ch	270	34.0	213.0	1.70	0.95	0.80	1.15	0.90	8.00	3	0.8	52.57	3.5	3	3	YES	YES	Y	
Peyton Schaefer	Glasscock County 4-H	10031	Duroc (Class 15)	1	270	33.5	217.5	1.80	0.90	0.70	1.13	0.65	9.90	3	0.6	57.58	2.5	1	1	NO	NO	NQW	
Ty Wilson	Woden FFA	19073	Hampshire (Class 30)	1	230	30.0	176.5	1.20	0.50	0.75	0.82	0.50	9.00	3	-1.0	60.49	3	2	2	YES	YES	Y	2
Josh Sackett	Bullard FFA	21481	Hampshire (Class 31)	1	230	31.0	171.0	1.20	0.70	0.70	0.87	0.60	7.20	3	-0.2	56.49	3	2	2	YES	YES	Y	
Jessica Henderson	Bullard FFA	21490	Hampshire (Class 32)	Ch LW	233	32.5	179.0	1.40	0.85	0.80	1.02	0.60	7.50	3	0.4	56.55	3	1	2	YES	YES	Y	
Brady Jump	Wilbarger County 4-H	23916	Hampshire (Class 33)	1	238	31.0	185.0	1.30	1.00	0.90	1.07	0.60	8.00	3	1.0	57.04	3	1	2	YES	YES	Y	
Lauren Brooks	Bullard FFA	21442	Hampshire (Class 34)	RCh LW	244	31.5	190.5	1.10	0.45	0.60	0.72	0.50	9.00	3	-1.2	59.46	2.5	1	1	NO	YES	NQ	
Kasside Luce	Van Alstyne FFA	10457	Hampshire (Class 37)	1	247	31.5	197.5	1.35	0.80	0.60	0.92	0.70	8.60	3	0.2	56.17	3	1	2	YES	YES	Y	
Canan Wood	Anton FFA	13106	Hampshire (Class 38)	1	253	32.4	197.8	1.50	0.90	1.00	1.13	0.70	7.40	3	0.6	54.34	3	1.5	2	YES	YES	Y	
Dusty J. Burson	Silverton FFA	4907	Hampshire (Class 39)	1	254	32.5	205.5	1.30	1.00	0.80	1.03	0.70	9.70	3	1.0	57.40	2.5	1	1	NO	YES	NQ	
Ryan Deleon	Parmer County 4-H	19631	Hampshire (Class 40)	RCh MW	259	31.2	204.0	1.20	0.80	0.90	0.97	0.70	7.70	3	0.2	54.54	3	1	1	NO	YES	NQ	
Kendall Wheeler	Roberts County 4-H	26547	Hampshire (Class 41)	RCh	260	31.0	201.0	1.30	0.80	0.90	1.00	0.75	6.50	3	0.2	52.32	3	1	2	YES	YES	Y	
Dakota Crissman	Bells FFA	10496	Hampshire (Class 44)	1	266	34.5	210.0	1.40	1.00	1.00	1.13	0.55	8.90	3	1.0	57.59	3	1	2	YES	YES	Y	
Jacy Lawler	Dumas FFA	18935	Hampshire (Class 45)	1	270	32.0	219.0	1.40	1.00	0.85	1.08	0.80	8.90	3	1.0	54.64	2.5	1	1	NO	NO	NQW	
Jerry Tice II	White Deer FFA	25587	Hampshire (Class 46)	GCh	270	32.5	214.0	1.20	0.85	0.90	0.98	0.60	9.50	3	0.4	57.71	3	1	2	YES	YES	Y	
Colton Blount	Bells FFA	10528	Hampshire (Class 47)	RCh HW	270	33.0	225.0	1.60	0.85	1.15	1.20	0.70	10.30	3	0.4	57.26	3	1.5	2	YES	NO	NW	

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Superintendent: Dr. Jeff Savell, TAMU

Asst. Superintendent (Barrow Carcass Contest):

Dr. Dan Hale, TCE

Exhibitor Name	Club/Chapter Name	Tag #	Breed	Live Placing	Live Weight	Carc. Length	Carc. Wt. (lb.)	First Rib BF (in.)	Last Rib BF (in.)	Last Lumb BF (in.)	Avg BFT	10th Rib BFT (in.)	Loin Eye Area (in ²)	Musc. Score	USDA Grade	Percent Muscle	Musc. Color Score	Marb. Score	Musc. Firm. Score	Meets Min. Carc. Quality	Meets Max. Carc. Wt.	Meets All Carcass Specs.	Carcass Placing
Abby Christian	Walker County 4-H	26619	Other Crossbred (Class 78)	1	230	30.5	172.2	1.20	0.75	0.80	0.92	0.35	9.50	3	0.0	63.61	3	1	2	YES	YES	Y	1
Sage Stover	Ponder FFA	7945	Other Crossbred (Class 79)	1	230	31.0	177.5	1.20	0.55	0.65	0.80	0.50	8.60	3	-0.8	59.73	3	1	1	NO	YES	NQ	
Crystal Serres	Navasota FFA	10651	Other Crossbred (Class 80)	1	237	33.0	187.0	1.30	0.70	0.65	0.88	0.55	8.90	3	-0.2	58.95	3	1	2	YES	YES	Y	8
Madysen Arthur	Collinsville FFA	10586	Other Crossbred (Class 81)	1	243	31.3	186.0	1.30	0.60	0.80	0.90	0.70	6.80	3	-0.6	53.86	3	1.5	3	YES	YES	Y	
Kelsey Kelley	Valley FFA	4989	Other Crossbred (Class 82)	1	248	31.5	196.0	1.70	1.20	1.20	1.37	0.80	7.80	3	1.8	53.90	3	1	2	YES	YES	Y	
Morgan Winters	Lindale FFA	21431	Other Crossbred (Class 83)	Ch LW	250	31.3	195.0	1.70	1.00	0.85	1.18	0.70	8.00	3	1.0	55.37	2.5	1	1	NO	YES	NQ	
Sara Barrientez	Stamford FFA	14628	Other Crossbred (Class 83)	RCh LW	249	32.5	196.0	1.60	0.90	0.80	1.10	0.65	9.10	3	0.6	57.57	3	1	2	YES	YES	Y	
Blake Cumbie	Sweetwater FFA	19192	Other Crossbred (Class 86)	1	255	31.0	198.5	1.20	0.90	0.80	0.97	0.60	9.40	3	0.6	58.44	3.5	1	2	YES	YES	Y	
Jett Mason	Terry County 4-H	22282	Other Crossbred (Class 87)	1	258	31.5	202.5	1.50	0.90	1.00	1.13	0.70	8.90	3	0.6	56.38	3	1	2	YES	YES	Y	
Bailey Blount	Bells FFA	10529	Other Crossbred (Class 88)	1	260	33.5	213.0	1.60	1.15	1.00	1.25	0.70	9.10	3	1.6	56.17	3	1	2	YES	YES	Y	
Cameron Aaron	Academy FFA - Little River	3558	Other Crossbred (Class 89)	1	263	32.5	206.5	1.50	0.75	0.80	1.02	0.55	10.00	3	0.0	59.38	3	1	2	YES	YES	Y	4
Sara Williams	Bellaire FFA	11884	Other Crossbred (Class 90)	Ch MW	265	31.7	216.5	1.50	1.10	0.80	1.13	0.90	9.30	3	1.4	54.27	3	1.5	2	YES	NO	NW	
Morgan E. Johnson	New Braunfels FFA	7056	Other Crossbred (Class 90)	RCh MW	264	32.0	206.0	1.70	0.80	0.90	1.13	0.80	8.30	3	0.2	54.27	3	1	2	YES	YES	Y	
Megan Muehlstein	Canyon FFA-New Braunfels	6914	Other Crossbred (Class 91)	1	266	33.3	211.2	1.70	1.00	0.85	1.18	0.70	8.90	3	1.0	55.97	2.5	1	1	NO	YES	NQ	
Jess Luedtke	Brenham FFA	23527	Other Crossbred (Class 94)	RCh	269	33.1	208.0	1.30	0.90	0.75	0.98	0.60	10.30	3	0.6	59.19	3.5	1	2	YES	YES	Y	3
Myles Duelm	Marion FFA	10915	Other Crossbred (Class 95)	RGCh	270	32.0	212.5	1.50	0.90	0.90	1.10	0.75	8.40	3	0.6	54.69	3.5	1.5	2	YES	YES	Y	
Aimee Harmel	Burton FFA	23481	Other Crossbred (Class 96)	1	270	33.0	210.0	1.30	0.80	0.90	1.00	0.80	6.40	3	0.2	51.41	3.5	1.5	2	YES	YES	Y	
Jordan T. McNeil	Midland County 4-H	18362	Other Crossbred (Class 97)	1	270	32.0	221.0	1.40	0.75	0.80	0.98	0.55	9.20	3	0.0	57.45	2.5	1	2	YES	NO	NW	
Coby Cook	Van Alstyne FFA	10477	Other Crossbred (Class 98)	1	270	32.5	198.0	0.90	0.80	0.65	0.78	0.50	9.00	3	0.2	58.97	2	1	1	NO	YES	NQ	
Allison Dupler	Vista Ridge FFA	24159	Poland China (Class 22)	1	249	31.5	193.0	1.50	0.90	1.00	1.13	0.90	7.10	3	0.6	51.79	2.5	1.5	2	YES	YES	Y	
Taylor Fountain	Bullard FFA	21460	Poland China (Class 23)	Ch	257	32.0	201.5	1.60	0.65	1.00	1.08	0.80	6.05	3	-0.4	51.09	3.5	3	3	YES	YES	Y	
Danielle Dobson	Cochran County 4-H	6396	Poland China (Class 23)	RCh	268	33.4	214.0	1.90	1.00	1.10	1.33	0.80	7.60	3	1.0	53.00	3	1	2	YES	YES	Y	
Lauren Burden	Van Alstyne FFA	10446	Spotted (Class 1)	1	233	30.9	177.9	1.60	1.00	0.90	1.17	1.00	6.10	3	1.0	49.32	3	2	2	YES	YES	Y	
Christopher B. Homen	White Deer FFA	5916	Spotted (Class 2)	RCh	247	31.4	188.0	1.60	1.10	1.20	1.30	1.10	5.85	3	1.4	47.61	3	3	3	YES	YES	Y	
Caleb Gerber	Dumas FFA	18938	Spotted (Class 3)	Ch	266	32.8	201.4	1.80	1.15	1.00	1.32	1.00	6.80	3	1.6	50.04	2.5	1.5	2	YES	YES	Y	
Matt Jones	River Road FFA	20239	Spotted (Class 4)	1	270	32.0	216.0	1.50	1.00	0.90	1.13	0.85	7.90	3	1.0	52.85	3.5	3	3	YES	NO	NW	
Skylar Kaye McHardy	Canyon FFA-New Braunfels	6899	Yorkshire (Class 64)	1	230	33.0	213.0	1.50	1.00	1.00	1.17	0.75	8.50	3	1.0	54.81	3	1	2	YES	YES	Y	
Mason O'Brien	Klondike FFA	7763	Yorkshire (Class 65)	1	241	31.0	193.5	1.50	0.85	0.90	1.08	0.50	8.90	3	0.4	59.10	3	1.5	2	YES	YES	Y	6
Jacy Bradford	Carson County 4-H	5878	Yorkshire (Class 66)	1	256	32.5	218.5	1.30	0.95	0.70	0.98	0.60	9.00	3	0.8	56.80	3	1	2	YES	NO	NW	
Cameron Knight	Shallowater FFA	16968	Yorkshire (Class 67)	Ch LW	261	33.0	204.5	1.65	1.10	0.90	1.22	0.85	9.00	3	1.4	54.82	3.5	1.5	2	YES	YES	Y	
Darby Oden	Marshall FFA	11996	Yorkshire (Class 67)	RCh LW	261	32.0	214.0	1.40	0.90	0.90	1.07	0.80	9.80	3	0.6	56.09	3	1.5	2	YES	YES	Y	
Ariel Burden	Ennis FFA	8539	Yorkshire (Class 70)	Ch	266	32.0	214.0	1.50	0.90	0.80	1.07	0.70	10.20	3	0.6	57.67	4	3	3	YES	YES	Y	10
Brittini Allerkamp	Comfort FFA	14849	Yorkshire (Class 71)	1	267	32.5	210.0	1.30	0.80	0.70	0.93	0.65	8.80	3	0.2	56.40	3	2	3	YES	YES	Y	
Brandy Hodgson	Travis County 4-H	22968	Yorkshire (Class 72)	RCh	270	32.3	211.0	1.60	0.90	1.10	1.20	0.80	7.50	3	0.6	52.95	3	1	2	YES	YES	Y	
Miranda Stevenson	Jones County 4-H	14561	Yorkshire (Class 73)	1	270	32.0	210.5	1.50	0.90	0.70	1.03	0.60	8.40	3	0.6	56.33	2	1	1	NO	YES	NQ	

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Exhibitor Name	Club/Chapter Name	Tag #	Breed	Live Placing	Live Weight	Carc. Length	Carc. Wt. (lb.)	First Rib BF (in.)	Last Rib BF (in.)	Last Lumb BF (in.)	Avg BFT	10th Rib BFT (in.)	Loin Eye Area (in ²)	Musc. Score	USDA Grade	Percent Muscle	Musc. Color Score	Marb. Score	Musc. Firm. Score	Meets Min. Carc. Quality	Meets Max. Carc. Wt.	Meets All Carcass Specs.	Carcass Placing
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MINIMUM CARCASS STANDARDS

1. Minimum and maximum for hot carcass weight, 152 to 214 pounds, respectively.
2. Carcass muscle score is to be equal to or better than the Intermediate (2.0) pictured in the 2000 "Composition and Quality Assessment Procedures," National Pork Board.
3. Requirements for carcass length, back fat thickness at the last rib and loin muscle area will be based on values adjusted to a 170 pound hot carcass weight (approximately 230 pound live weight). These requirements are:
 - a. Minimum carcass length – 29.5 inches
 - b. Maximum back fat thickness at last rib – 1.1 inches
 - c. Minimum loin muscle area at 10th rib – 4.5 in²

Adjustments of individual carcasses to a 170 pound carcass weight are made using formulas developed from the National Swine Improvement Federation and NPPC guidelines. Examples of requirements for carcass weights include:

Hot Carcass (wt., lb.)	Carcass (length, in. *)	Back Fat (last rib, in. **)	Loin Muscle (area, in. ² ***)
160	29.05	1.03	4.34
180	29.95	1.17	4.66
200	30.85	1.32	4.98

- * Carcass length changes approximately .045 inches per pound of hot carcass weight
- ** Back fat at last rib changes approximately .007 inches per pound of hot carcass weight
- *** Loin muscle area changes approximately .016 square inches per pound of hot carcass weight

4. Carcass meat quality will be subjectively evaluated for the following using the 2000 "Composition and Quality Assessment Procedures," National Pork Board.
 - a. Loin muscle color score greater than 1 and less than 6
 - b. Loin muscle marbling score greater than 1
 - c. Loin muscle firmness and wetness score greater than 1
 - d. Belly at least slightly thick with a minimum of 0.6 inches of thickness at any point
 - e. Abnormalities (soft, oily fat, steatosis)

Carcasses failing to meet two or more of the minimum quality standards as outlined will be disqualified.

5. Carcasses that yield less than 47.0 percent fat-free lean based in 170 pound carcass weight as determined by the following equation will be disqualified:

Equation for pounds of fat-free lean (FFL)

$$8,588 - 21,896 \times 10^{-6} \text{ rib fat depth, inches} + 3,005 \times 10^{-6} \text{ rib loin muscle area, inches}^2 + 0.485 \times \text{warm carcass weight, pounds}$$
To convert to % fat-free lean, divide by warm carcass weight and multiply by 100

6. Other disqualifications:
 - a. Cryptorchids
 - b. Carcass that requires more than 1% trim due to "old" bruises or infected at injection site, abnormalities cysts, abscesses, diseased joints, etc.)