RESULTS OF 1998 HOUSTON SWINE CARCASS CONTEST
(1st and 2nd PLACE BARROWS)

TAG NO.	BRD	CLASS	PLACING	LIVE WT	HCW	DR. % HCW/ LV WT	CAR. LNH ACT.	CAR. LNH ADJ.	BACKFAT, IN AVG.	BACKFAT, IN LAST RIB ACT.	BACKFAT, IN LAST RIB ADJ.	BACKFAT, IN 10TH RIB	LOIN MUSC. AREA ACT.	LOIN MUSC. AREA ADJ.	MUS. SC.	MET REQ.	% MUSCLE	CARCASS PLACING
3547	D	3	1	249	196.2	78.8	33.6	32.4	.93	.90	.77	.40	8.45	7.72	3	Y	61.98	1
5179	XB	2	1	234	187.6	80.2	32.7	31.9	.83	.85	.76	.35	7.80	7.34	3	Y	61.28	2
4805	XB	5	2	252	203.6	80.8	33.3	31.8	.80	.95	.78	.45	8.10	7.23	3	Y	60.51	3
2991	CW	2	2	257	205.4	79.9	32.5	30.9	1.02	.80	.65	.55	9.10	8.07	3	Y	61.57	4
5127	S	2	2	244	198.4	81.3	32.0	30.7	.95	.80	.67	.60	8.80	7.98	3	Y	60.52	5
4242	S	1	1	237	196.6	83.0	32.0	30.8	.90	.85	.72	.45	7.75	7.07	3	Y	59.89	6
2647	H	1	2	230	179.8	78.2	32.4	32.0	.92	.95	.89	.40	7.60	7.34	3	Y	60.46	7
992	D	1	1	231	178.8	77.4	31.9	31.5	.73	.60	.57	.45	7.55	7.32	3	Y	59.83	8
4151	D	1	2	237	196.4	82.9	33.1	31.9	.88	.85	.72	.45	7.65	6.99	3	Y	59.67	9
5394	OPB	1	1	232	189.6	81.7	32.0	31.1	.88	.85	.75	.50	7.80	7.29	3	Y	59.60	10
2927	XB	1	1	227	185.6	81.8	33.5	32.8	.80	.70	.63	.45	7.50	7.10	3	Y	59.57	11
5244	XB	6	2	258	204.8	79.4	33.0	31.4	1.14	.90	.73	.55	8.30	7.38	3	Y	59.83	12
1524	H	4	1	261	198.4	76.0	33.0	31.7	.98	.90	.76	.50	7.65	6.94	3	Y	59.08	13
2773	OPB	1	2	234	190.4	81.4	33.1	32.2	.80	.90	.79	.50	7.60	7.08	3	Y	59.14	14
2956	XB	2	2	232	193.2	83.3	33.5	32.5	.88	.80	.69	.55	7.80	7.20	3	Y	58.98	15
182	H	2	CH	237	177.2	74.8	32.6	32.3	.75	.65	.62	.40	6.80	6.63	3	Y	58.76	16
234	D	5	GC	261	203.8	78.1	33.3	31.8	.92	.85	.70	.55	7.60	6.78	3	Y	58.31	17
3462	OPB	2	2	241	192.2	79.8	34.5	33.5	1.13	.90	.79	.60	7.85	7.27	3	Y	58.56	18
5210	D	5	RC	265	211.6	79.8	33.2	31.3	.75	.60	.47	.55	7.35	6.39	3	Y	57.60	19
964	H	1	1	229	185.6	81.0	31.3	30.6	1.08	.95	.86	.55	7.45	7.05	3	Y	58.37	20
5400	OPB	3	RC	265	212.8	80.3	34.8	32.9	1.05	.95	.74	.60	7.60	6.59	3	Y	57.58	
580	XB	5	1	251	202.8	80.8	33.2	31.7	1.00	.95	.78	.65	7.75	6.93	3	Y	57.57	
184	XB	4	1	243	174.6	71.9	31.6	31.4	2.53	.90	.87	.45	6.45	6.35	3	Y	57.50	
620	OPB	3	CH	256	197.4	77.1	33.8	32.6	.90	.80	.68	.50	6.90	6.28	3	Y	57.46	
4251	D	2	1	243	184.0	75.7	31.8	31.2	1.07	.90	.82	.65	7.45	7.09	3	Y	57.31	
44	D	4	1	259	205.4	79.3	33.4	31.8	1.00	.90	.73	.60	7.40	6.56	3	Y	57.29	
4071	B	1	1	232	184.2	79.4	33.7	33.1	1.08	.85	.78	.60	7.10	6.75	3	Y	57.08	
11	H	3	RC	244	190.6	78.1	33.2	32.3	.88	.80	.70	.75	7.90	7.35	3	Y	57.07	
4873	D	2	2	244	191.0	78.3	33.3	32.4	1.12	1.00	.88	.50	6.65	6.18	3	Y	57.04	
3552	S	1	2	238	197.8	83.1	31.8	30.5	.97	.85	.72	.70	7.50	6.82	3	Y	56.58	
1322	CW	2	CH	253	199.8	79.0	33.2	31.9	.97	.85	.71	.70	7.45	6.73	3	Y	56.43	
576	H	2	2	240	184.0	76.7	32.6	32.0	1.13	.80	.73	.60	6.80	6.47	3	Y	56.43	
1780	XB	1	2	229	184.8	80.7	32.0	31.3	.98	.90	.82	.70	7.30	6.93	3	Y	56.42	
5380	H	3	2	242	188.4	77.9	33.3	32.5	.88	1.05	.94	.60	6.70	6.28	3	Y	56.12	
2686	B	3	2	261	203.2	77.9	33.5	32.0	1.20	1.05	.86	.70	7.25	6.48	3	Y	55.92	
489	XB	7	RGC	265	213.2	80.5	34.9	33.0	.82	.55	.43	.55	6.45	5.58	3	Y	55.59	
1716	H	4	2	264	210.6	79.8	33.5	31.7	.95	.85	.67	.80	7.65	6.68	3	Y	55.55	
3486	PC	1	RC	236	191.0	80.9	31.3	30.4	.97	.90	.79	.75	7.00	6.51	3	Y	55.08	
1132	S	2	1	243	196.6	80.9	32.7	31.5	1.20	.95	.81	.85	7.55	6.89	3	Y	55.08	
2918	CW	1	1	238	186.2	78.2	32.1	31.4	1.03	.70	.63	.70	6.60	6.24	3	Y	54.85	
192	B	2	CH	246	186.8	75.9	32.5	31.7	1.00	.85	.77	.60	6.10	5.75	3	Y	54.83	
4356	S	3	CH	261	205.4	78.7	33.5	31.9	1.20	1.10	.89	.90	7.65	6.79	3	Y	54.57	
1246	B	2	2	253	202.2	79.9	33.2	31.8	.93	1.05	.87	.80	6.95	6.23	3	Y	54.19	
3555	D	3	2	252	198.4	78.7	33.0	31.7	.85	.60	.51	.70	6.35	5.76	3	Y	54.04	
2361	PC	3	2	248	191.4	77.2	32.9	31.9	1.07	.80	.70	.90	7.15	6.64	3	Y	53.76	
4024	PC	1	2	225	184.8	82.1	32.0	31.3	1.15	1.15	1.05	.90	7.00	6.65	3	Y	53.57	
3563	B	3	RC	258	200.4	77.7	32.8	31.4	.98	1.00	.83	.75	6.35	5.72	3	Y	53.45	
1691	CW	1	2	225	175.8	78.1	32.2	31.9	.95	.70	.67	.60	5.30	5.19	3	Y	53.31	
4964	OPB	2	1	240	192.6	80.3	33.0	32.0	.97	.90	.78	.85	6.30	5.83	3	Y	52.42	
4043	CW	3	RC	264	208.6	79.0	33.0	31.3	.98	.90	.72	1.00	7.05	6.19	3	Y	52.09	
1269	PC	2	1	240	187.0	77.9	32.7	31.9	1.02	.95	.85	.90	6.15	5.80	3	Y	51.66	
2968	PC	2	2	239	200.8	84.0	32.1	30.7	1.37	1.20	1.00	.90	6.20	5.58	3	Y	51.48	
ENTRIES THAT FAILED TO MEET MINIMUM CARCASS STANDARDS																		
4601	XB	3	2	238	195.0	81.9	32.5	31.4	.80	.75	.64	.30	8.95	8.21	3	N1	64.20	
3085	XB	6	RC	255	199.2	78.1	32.9	31.6	.88	.85	.71	.45	8.30	7.51	3	N1	61.04	
1142	XB	7	2	265	218.4	82.4	33.3	31.1	1.03	1.00	.76	.60	8.70	7.41	3	N1,2	59.87	
1002	XB	4	2	243	196.6	80.9	32.3	31.1	.78	.80	.68	.50	7.70	7.03	3	N1	59.23	
4987	XB	3	1	242	191.0	78.9	33.0	32.1	.98	.80	.70	.50	6.80	6.32	3	N1	57.37	
3282	D	4	2	260	209.4	80.5	34.2	32.4	.93	.80	.64	.70	7.50	6.57	3	N1	56.34	
2967	S	3	RC	262	221.4	84.5	33.6	31.3	1.02	1.10	.82	.85	8.05	6.79	3	N1,2	55.65	
3455	PC	3	CH	263	213.0	81.0	33.5	31.6	1.07	.95	.74	.75	7.45	6.45	3	N1	55.60	
3000	CW	3	2	263	217.8	82.8	34.3	32.1	.98	.80	.61	.80	7.40	6.31	3	N2	54.85	
AVERAGE FOR ALL PIGS				246	196.2	79.6	32.9	31.7	1.00	.87	.74	.62	7.37	6.73			57.16	
N0. THAT FAILED MIN. SPEC.					3			0			0			0		9		

ABBREVIATIONS USED: BRD=breed, HCW= hot carcass weight, DR=dressing percent, CAR. LNH=carcass length, AVG BACKFAT=average of three measurements, ACT=actual measurement, ADJ=adjusted to 170 lb carcass wt, MUS SC=muscle score.

Weight Class: 1 indicates the lightest class; 7 indicates the heaviest class.

REASONS FOR DISQUALIFICATION:

1-Unacceptable pork quality. Carcass quality was evaluated for loin muscle color, marbling, firmness and fat firmness.
2-Carcass weight exceeded 214 lb.

$$\text{PERCENT MUSCLE} = \frac{100\ [88.307 + (.036 \times \text{hot carcass weight, lb}) + (3.734 \times \text{loin muscle area, sq. in.}) - (18.574 \times \text{10th rib backfat,in.})]}{170\ \text{lb}}$$

Ranking was based on % muscle initially (15 top carcasses). Final ranking was based on % muscle, visual evaluation of overall fatness and muscling of the carcass.

Carcass Judge: Dr. Jimmy W. Wise, Meat Marketing Specialist, USDA, Washington, DC, 20250.