



NATIONAL BARROW SHOW®

1 HORMEL PLACE
AUSTIN, MN 55912-3680

The National Barrow Show ® 1999 Progeny Test Meat Quality Data for each entry is attached. Means and ranges for the test are as follows:

	Mean	Min.	Max.
NPPC Color Score	3.3	1	6
NPPC Firmness Score	2.8	1	5
NPPC Marbling Score	2.7	1	6
Minolta Reflectance	25.65	15.47	41.92
Ultimate pH	5.69	5.16	6.70
IMF (total lipids %)	2.62	.90	7.42
Quality Score	50.2	5.90	127.36
Instron	5.32	2.60	8.58
Cook Loss	21.57	9.49	36.42
Juiciness Score	5.3	1	10
Tenderness Score	6.6	2	10

MEAT QUALITY TRAITS DEFINED

HAL Gene
 0 = Normal
 1 = Carrier
 2 = Dimutant

Loin Minolta Lower is darker
 Loin pH Higher is better
 Instron Tenderness Lower pressure is better
 Loin Juiciness Higher is better
 Loin Tenderness / Taste Panel Higher is better

Larry Rasch
 Superintendent
 National Barrow Show®



SPRING 1999 NBS® PROGENY TEST SIREs

BREED=BERKSHIRE

Group	Breeder	Name	Award	ADG	BFI10	Loin	Quality	Leg Snd
1125	ROGER ALLEN	TMF8 S MASTERBOY 40-6	SUPER SIRE	1.86	0.84	5.01	72.64	7.1
1109	RUSSEL & ARLIE CORNBOWER	RUS6 MIGHTY 14-10	SUPER SIRE	1.95	1.07	4.81	76.02	6.4
1541	MIKE KILLINGSWORTH	KHD7 ROSETTE COUNT 15-3	SUPER SIRE	1.88	0.98	5.07	70.55	6.4
1429	TRIPLE M FARM	TMF6 F MASTERBOY 103-5	NBS SIRE	1.85	0.95	4.86	68.25	6.1
1133	TOM HESS	THB8 FRONTIER 6-2	NBS SIRE	1.60	1.02	4.84	90.34	6.8
1165	KEN SCHAFNER	MBP7 DOUBLE TROUBLE 8-1	NBS SIRE	1.55	0.93	5.17	73.50	7.3
1149	DAN HUFF	COR6 KAHUNA GOLD 7-5	NBS SIRE	1.92	1.04	5.36	50.54	6.6
1549	OCTAGON FARMS	WFS7 BLACK CAT 52-9	NBS SIRE	1.65	0.93	5.47	55.90	7.0
1157	AMANDA BAILEY	GDFB7 AJC CROSSFIRE 4-5	NBS SIRE	1.61	0.96	5.93	55.79	6.6
1101	GREG INNERST	RTS8 BUCKSKIN 4-3	NBS SIRE	1.83	1.05	5.06	46.83	7.3
1117	GEORGE MILLER	MJR8 GOLD STAMP 2-1	NBS SIRE	1.72	0.96	5.50	42.19	7.4

BREED=CHESTER WHITE

Group	Breeder	Name	Award	ADG	BFI10	Loin	Quality	Leg Snd
1309	J. R. BEATTY	JRB7 S EXTENSION 7-4	SUPER SIRE	1.86	0.89	5.50	57.59	7.1
1461	RANDY & BECKY SCHMIDT	LEC7 MOMENTUM 1-3	NBS SIRE	1.81	0.94	5.95	62.61	7.0
1301	ARMSTRONG	KCS7 NAVIGATOR 1-4	NBS SIRE	1.88	1.04	5.30	49.50	8.0
1509	SCHMINKE'S CHESTERS	SC7 INTENSE 96-2	NBS SIRE	1.62	1.04	5.46	74.20	6.9
1317	HARLEY ALLEN	RCA7 BIG TROUBLE 1-4	NBS SIRE	1.82	1.08	4.97	51.91	8.4

BREED=DUROC

Group	Breeder	Name	Award	ADG	BFT10	Loin	Quality	Leg Snd
1357	WALDO FARMS	WFD7 REACH 94-2	SUPER SIRE	1.85	0.64	5.95	65.95	7.7
1365	WALDO FARMS	WFD7 CORNHUSKER 119-2	SUPER SIRE	1.76	0.81	5.56	72.01	7.8
1333	R.N. PERRY FAMILY	MM8 HENRY 8-1	SUPER SIRE	1.89	0.77	5.61	51.56	7.6
1421	GOOD FARMS	YGF7 BUCK 20-5	SUPER SIRE	1.90	0.75	5.22	49.51	7.7
1325	PETER FARMS	SCF7 BUTA 77-8	NBS SIRE	1.76	0.71	5.89	56.96	6.6
1197	WHEWELL'S DUROCS	RDW8 THRILLER 20-14	NBS SIRE	1.78	0.77	6.15	56.92	6.9
1525	ZIERKE FARMS	ZF7 BILTMOR 82-4	NBS SIRE	1.76	0.76	5.43	63.83	6.7
1413	CASEY OLSEN	GFG5 S NATE 32-10	NBS SIRE	1.89	0.86	5.47	55.24	6.8
1469	HUNKER DUROCS LTD	HD7 SPITTING IMAGE 21-5	NBS SIRE	1.74	0.79	6.32	51.18	6.6
1253	ISU TEACHING FARM	ISU7 LINE 9 14-4	NBS SIRE	1.74	0.91	5.78	56.70	6.5
1501	DAVID MARTIN	EB7 RED EDGE 12-1	NBS SIRE	1.73	0.88	5.18	52.80	7.1
1213	FORKNER FARMS	CC7 ESTATE 36-6	NBS SIRE	1.60	0.94	5.06	66.43	6.0

BREED=HAMPSHIRE

Group	Breeder	Name	Award	ADG	BFT10	Loin	Quality	Leg Snd
1205	DICK KUECKER & SONS	JRSP7 CHOICE 77-4	SUPER SIRE	1.82	0.90	5.72	34.41	7.7
1477	DAVID MARTIN	DCM6 STELLAR 37-7	NBS SIRE	1.63	0.72	5.28	41.62	7.0
1237	FORKNER FARMS	CC8 PREMIER JOHN 2-4	NBS SIRE	1.57	0.80	5.78	40.81	6.4
1485	ROBERT MEEKER	KTF7 AMBUSH 9-7	NBS SIRE	1.42	0.81	5.30	34.95	7.0

BREED=LANDRACE

Group	Breeder	Name	Award	ADG	BFT10	Loin	Quality	Leg Snd
1533	MIKE KILLINGSWORTH	SB17 ATLAS 34-1	SUPER SIRE	2.28	0.74	5.89	29.85	6.5
1381	WALDO FARMS	WFD7 UTMOST 95-4	NBS SIRE	2.09	0.93	5.04	30.46	5.6
1285	WHITESHIRE INC	BCF6 POSTIME 364-13	NBS SIRE	1.88	1.04	5.05	39.30	5.7
1221	FORKNER FARMS	CC7 SGI PEKKA 376 18-7	NBS SIRE	1.76	1.08	5.15	32.52	6.4

BREED=POLAND CHINA

Group	Breeder	Name	Award	ADG	BF10	Loin	Quality	Leg Snd
1141	ERNST FARM POLANDS	ERN8 GOLD RUSH 8-3	SUPER SIRE	1.83	0.85	5.66	45.23	6.9
1341	JERRY DAWES	JWP8 MOE 15-8	NBS SIRE	1.82	1.00	5.03	55.92	7.5
1445	FRANKLIN ALBERTSON	LLM8 S MR EX-CEL 3-2	NBS SIRE	1.87	1.03	5.12	36.63	6.9
1189	NATHAN ARNHOLT	LOM8 S MR EX-CEL 1-3	NBS SIRE	1.83	1.02	5.59	37.39	6.4
1349	LAWRENCE GRIEBEL & SON	JRB7 S CONCRETE 33-3	NBS SIRE	1.74	1.13	5.24	45.24	7.4
1269	KIRBY MOLDENHAUER	HFP8 GRAND 8-3	NBS SIRE	1.58	1.13	5.29	30.71	6.0

BREED=YORKSHIRE

Group	Breeder	Name	Award	ADG	BF10	Loin	Quality	Leg Snd
1437	NEHER ACRES	JRS7 SATURN 164-11	SUPER SIRE	2.06	0.72	5.61	36.25	7.3
1181	DOUBLETREE SWINE	DTSF7 TATES SNOBB 252-1	SUPER SIRE	1.94	0.65	6.23	35.14	6.4
1397	WALDO FARMS	WFD7 OPTILEAN 101-4	NBS SIRE	2.03	0.73	6.10	35.78	6.3
1405	WALDO FARMS	WFD7 HARD ROCK 282-1	NBS SIRE	2.13	0.89	5.66	33.09	7.0
1277	WHITESHIRE INC	BCF7 DOUBLE U 370-7	NBS SIRE	1.91	0.79	5.60	37.28	7.0
1493	IFFTS YORKSHIRES	RHF7 BOLT ACTION 151-5	NBS SIRE	1.73	0.54	5.97	28.11	6.5
1229	FORKNER FARMS	CC8 TATE 1-1	NBS SIRE	1.79	0.70	5.64	26.09	7.5

BREED=CROSSBREED

Group	Breeder	Name	Award	ADG	BF10	Loin	Quality	Leg Snd
1389	WALDO FARMS	WFD7 LONG SHANK 449-2	SUPER SIRE	2.13	0.93	5.17	52.42	6.3
1261	KIRBY MOLDENHAUER	SDF7 SURGE	NBS SIRE	1.94	0.98	5.63	51.47	7.1
1453	FRANKLIN ALBERTSON	IXL85 DUKE III 11-2	NBS SIRE	1.78	0.86	5.63	50.59	7.1
1373	WALDO FARMS	JZP8 DESTINY 10-3	NBS SIRE	1.79	0.79	6.86	34.02	6.9
1557	STEVE KERNS	ERRON 333	NBS SIRE	1.77	0.85	5.89	47.58	6.0
1245	FORKNER FARMS	CC7 TURK 1-5	NBS SIRE	1.68	1.01	5.31	38.38	6.9

TRAITS ADJUSTED FOR SEX AND WEIGHT		TEST AVERAGES						
		ADG	BF10	Loin	Quality	Leg Snd		
		1.80	0.90	5.48	50.17	6.84		