

## 2001 *National Barrow Show*® Sire Progeny Test Loin Quality Terms

The average performance of each progeny group is reported to the respective breed associations. A brief explanation of each term on that report is shown below.

BF10	Carcass backfat in inches measured off-midline at the tenth rib. Adjusted to 240 lb live weight and for sex.
LMA	Carcass loin muscle area in square inches. Measured at the tenth rib. Adjusted to 240 lb live weight and for sex.
QUALITY	Index that combines Minolta reflectance, ultimate ph and intramuscular fat percent of fresh loins. Higher is better.
MINOLTA	Light reflectance percent taken at 24 hrs. Lower is darker.
COLOR	Visual color score on 1-6 scale. Higher is darker.
PH	Ultimate ph. Higher ph is associated with less drip loss.
FIRMNESS	Visual/sensory score of fresh loin firmness. Higher is firmer.
DRIP	Measures water loss of loin in mg. Lower drip is better.
COOKLOSS	Percent weight loss from cooking loin chop. Lower is best.
JUICY	Sensory panel score of cooked loin juiciness on a 1-10 scale. Higher is more juicy.
IMF	Percent loin intramuscular fat (total lipids). More is desirable.
MARBLING	Visual loin marbling score. Each score represents 1% IMF.
FLAVOR	Sensory panel score of intensity of roasted pork flavor. Higher scores indicate more flavor.
TENDER	Sensory panel score of cooked loin tenderness on 1-10 scale. Higher scores are more tender.
INSTRON	Star probe pressure of cooked loin in kg. Lower pressure indicates more tenderness.

2001 NBS® Progeny Test Sires



BREED=BERKSHIRE

Group	Breeder	Sire	Award	ADG	BF10	Loin	Quality	Leg Snd
1253	AJC BERKSHIRES	WFS0 BILLY 46-4	SUPER SIRE	1.85	0.84	6.53	50.47	6.1
1461	OAK HILL FARM	KSW8 BIG BEAR 81-8	SUPER SIRE	1.77	0.75	5.28	57.75	6.5
1165	INNERST BERKSHIRES	AJCO ANGUS II 7-3	SUPER SIRE	1.78	0.78	5.36	56.25	6.0
1133	ROGER ALLEN	MRD0 CHAMP 1-4	SUPER SIRE	1.78	0.82	6.33	43.50	5.4
1140	DAN HUFF	DHF9 PHASE I 6-2	NBS SIRE	1.86	0.94	5.65	51.64	6.5
1341	ISU TEACHING FARM	IASU9 WHITE SOCKS 19-11	NBS SIRE	1.71	0.84	5.91	54.09	6.4
1533	MID-AMERICA BERKSHIRES	TMF9 F MASTERBOY 36-12	NBS SIRE	1.90	1.03	5.15	61.06	5.9
1149	DAN HUFF	DHF7 KAHUNA GOLD 17-1	NBS SIRE	1.86	0.93	5.71	48.00	6.3
1173	R. & A. CORNBOWER	WB9 ROSETTE PRIME 3-2	NBS SIRE	1.73	0.88	6.14	45.62	6.6
1565	MID-AMERICA BERKSHIRES	RAB9 S MASTERBOY 18-2	NBS SIRE	1.84	1.19	4.85	77.60	6.3
1157	KEN SCHAFNER	KSWV0 HUSTLER 7-6	NBS SIRE	1.74	1.04	5.58	64.78	5.7
1101	KEN SCHAFNER	KSWV9 DOUBLE TROUBLE 7-8	NBS SIRE	1.69	1.01	5.55	58.47	6.8
1285	HINDMAN FARM	DPH9 LUKE 2-1	NBS SIRE	1.63	0.91	5.62	57.22	6.0
1221	NEWMAN FARM	COR9 CLARENCE 27-8	NBS SIRE	1.82	1.08	5.62	45.67	7.1
1373	SEYFERT BROTHERS	B&E0 UR IT 2-1	NBS SIRE	1.70	0.95	6.10	46.06	5.8
1549	MID-AMERICA BERKSHIRES	MAB9 BAX 94 93-3	NBS SIRE	1.68	1.01	5.41	56.01	6.1
1541	MID-AMERICA BERKSHIRES	IASU9 MACHINE 24-11	NBS SIRE	1.79	1.10	5.43	47.06	6.1
1381	SEYFERT BROTHERS	SEYB9 INDIY 35-8	NBS SIRE	1.58	1.06	4.84	55.02	6.3
1525	MID-AMERICA BERKSHIRES	MAB9 WALLY 118-3	NBS SIRE	1.68	1.15	5.00	50.43	6.3

BREED=CHESTER WHITE

Group	Breeder	Sire	Award	ADG	BF10	Loin	Quality	Leg Snd
1309	NEIL ALBERTSON	AC9 CLEAN 5-1	SUPER SIRE	1.71	0.93	6.12	76.12	8.1
1429	BROWN FARMS	RS9 MOMENTUM 105-3	SUPER SIRE	1.84	1.01	5.67	70.82	6.6
1453	NORTH STAR GENETICS	KWF10 AUSTIN '97 11-2	NBS SIRE	1.88	1.00	5.50	63.12	6.8
1117	BUCKEYE SWINE FARM	UCW0 PSSS DAKOTA 4-1	NBS SIRE	1.95	0.95	5.87	40.56	7.5
1413	RUDASILL FARMS	RCA0 NO PROBLEM 7-4	NBS SIRE	1.74	0.86	6.23	42.43	7.8
1437	SMITTY'S CHESTERS	WTX9 LONE STAR 13-6	NBS SIRE	1.76	1.15	5.43	74.36	6.9
1445	ROBERT ARMSTRONG	RCW0 PSSS SHARPSHOOTER 15-1	NBS SIRE	1.69	0.89	6.04	46.84	7.0
1509	RANDY & BECKY SCHMIDT	RS9 MOSES 95-2	NBS SIRE	1.73	1.17	5.62	68.02	6.6

Group	Breeder	Sire	Award	ADG	BF10	Loin	Quality	Leg Snd
1597	R W GENETICS	RWG0 IMMUNBELIEVABLE 54-8	SUPER SIRE	1.86	0.69	7.39	54.95	7.6
1485	WALDO FARMS	WFD9 TOP CUT 270-3	SUPER SIRE	1.91	0.72	6.74	59.92	7.3
1573	R W GENETICS	RWG0 KRYPTONITE 33-6	SUPER SIRE	1.78	0.60	6.87	55.67	6.4
1581	R W GENETICS	RWG8 IMONFIRE 65-3	SUPER SIRE	1.80	0.53	7.23	46.05	5.9
1517	HUINKER DUROCS LTD	HD8 LONGRUNNER 110-3	SUPER SIRE	1.79	0.64	6.01	58.84	5.6
1325	TRULINE GENETICS	CC0 CLYDE 11-1	SUPER SIRE	1.70	0.59	6.38	47.27	6.6
1501	WALDO FARMS	WFD9 JUMANJI 210-1	SUPER SIRE	1.79	0.74	6.60	47.25	7.1
1277	STEWARTS DUROC FARM	SDF8 TRIPLE DANE 115-2	SUPER SIRE	1.68	0.66	7.13	42.70	7.1
1469	DAVID MARTIN	DCM0 MIRROR IMAGE 1-9	SUPER SIRE	1.77	0.70	6.12	45.99	7.1
1589	R W GENETICS	RWG9 INSTIGATOR 25-1	SUPER SIRE	1.58	0.60	7.24	46.29	6.8
1213	JACK RODIBAUGH & SONS	BAD9 COMOTION 60-4	NBS SIRE	1.63	0.69	6.44	52.68	7.4
1349	R N FERRY FAMILY	RN0 HOORAY 17-6	NBS SIRE	1.62	0.68	6.35	50.91	6.1

BREED=LANDRACE

Group	Breeder	Sire	Award	ADG	BF10	Loin	Quality	Leg Snd
1477	WALDO FARMS	WFD9 B J 360-2	SUPER SIRE	1.87	0.72	6.12	29.31	6.1
1189	AUTUMN ROSE	AR7 CLASSIC 40-6	NBS SIRE	1.84	0.80	5.89	41.50	6.1
1333	TRULINE GENETICS	CC9 MASTERPIECE 31-12	NBS SIRE	1.90	0.86	5.30	36.80	6.8

BREED=POLAND CHINA

Group	Breeder	Sire	Award	ADG	BF10	Loin	Quality	Leg Snd
1365	L. GRIEBEL & SON	DWT9 LONG BONE 6-1	SUPER SIRE	1.82	0.91	5.98	48.26	6.1
1293	REID'S POLANDS	RJM0 BIG SHOOTER 2-3	NBS SIRE	1.94	1.11	5.36	47.26	6.0
1125	ERNST FARM POLANDS	ERN0 S MR EX-CEL 16-8	NBS SIRE	1.82	1.16	5.23	35.76	6.3

BREED=SPOTS

Group	Breeder	Sire	Award	ADG	BF10	Loin	Quality	Leg Snd
1109	IRWIN SPOT FARM	RRAO HIGHLAND 10-7	SUPER SIRE	1.77	0.82	5.99	38.04	6.1

**BREED=YORKSHIRE**

Group	Breeder	Sire	Award	ADG	BFI0	Loin	Quality	Leg Snd
1493	WALDO FARMS	WFD9 HARD ROCK 276-6	SUPER SIRE	1.95	0.71	6.48	34.18	5.6
1405	IFFT YORKSHIRES	JRS9 HERITAGE 123-1	NBS SIRE	1.72	0.72	6.46	36.10	7.0
1205	MICHIGAN STATE UNIV.	HOE0 PSSS STALLION 3-2	NBS SIRE	1.70	0.68	7.04	36.01	5.8
1397	KEVIN GULL	KSG9 MOSSLE 55-7	NBS SIRE	1.73	0.78	6.08	41.30	6.4
1301	TRULINE GENETICS	CC9 TURK 11-10	NBS SIRE	1.55	0.66	6.12	28.57	6.3

**BREED=CROSSBRED**

Group	Breeder	Sire	Award	ADG	BFI0	Loin	Quality	Leg Snd
1317	TRULINE GENETICS	TMF8 S MASTERBOY 40-6	SUPER SIRE	2.06	0.89	5.36	58.96	7.0
1197	SOMERSET FARM	AR9 TREMOR 221-4	SUPER SIRE	1.90	0.68	6.55	41.63	6.6
1245	STEVE KERNS	MUSCLOR 10-6	NBS SIRE	1.93	0.77	6.53	33.07	6.5
1229	STEVE KERNS	MUSCLOR 21-7	NBS SIRE	1.77	0.77	6.61	46.09	6.4
1237	STEVE KERNS	MUSCLOR	NBS SIRE	1.75	0.63	6.02	39.79	6.1
1181	AUTUMN ROSE	AR9 CARLSTORP 27-5	NBS SIRE	1.79	0.73	6.10	37.18	5.5
1421	RUDASILL FARMS	THB8 FRONTIER 6-2	NBS SIRE	1.81	1.03	5.11	55.17	6.1
1357	KIRBY MOLDENHAUER	JRB 05 10-1	NBS SIRE	1.82	1.06	5.44	50.76	6.4
1261	IXL BREEDING HERDS	IXLOS TRUMP 3-4	NBS SIRE	1.91	1.00	6.21	29.38	6.4
1269	IXL BREEDING HERDS	W T TAMTAM 4-2	NBS SIRE	1.65	0.94	5.77	44.09	6.5

**TRAITS ADJUSTED FOR SEX AND WEIGHT**

ADG	BFI0	Loin	Quality	Leg Snd
1.78	0.87	5.96	49.73	6.5

**TEST AVERAGES**

The following supported the National Barrow Show® Progeny Test:

THANKS!

Allflex USA Inc.  
Iowa State University  
Minnesota Pork Producers Association  
National Pork Producers Council  
Northeast Iowa Swine Improvement Association  
University of Minnesota



# NATIONAL BARROW SHOW®

1 HORMEL PLACE  
AUSTIN, MN 55912-3680

OCTOBER 2001

## N.B.S. PROGENY TEST SUMMARY

YEAR	NO. OF HEAD	ADG	10 BF	LEA	LEG. SND.
* 2001	504	1.78	0.87	5.96	6.50
* 2000	456	1.75	1.01	5.71	6.70
* 1999	472	1.80	0.90	5.48	6.84
* 1998	600	1.79	1.18	6.37	7.50
* 1997	384	1.88	1.07	5.73	6.70
* 1996	600	1.77	1.00	5.51	6.33
* 1995	360	1.86	1.04	6.12	6.50
* 1994	384	1.80	1.06	6.03	6.40
** 1993	152	1.79	0.96	5.88	6.95
** 1992	MEW 456	1.75	1.07	5.54	6.81
** 1991	SPRING 520	1.47	1.10	5.39	7.80
** 1991	FALL 552	1.62	0.98	5.63	6.80

\* NEW HAMPTON, IOWA

\*\* NEW ULM, MINNESOTA

DAILY GAIN

FEED EFFICIENCY

GROUP NO	DAILY GAIN	FEED CONSUMPTION	TEST GAIN	FEED EFFICIENCY
1517	1.80	4,045	1,443	2.88
1525	1.66	4,875	1,437	3.39
1533	1.93	4,745	1,445	3.28
1541	1.82	4,370	1,389	3.14
1549	1.71	4,265	1,374	3.10
1557	1.70	4,795	1,411	3.39
1565	1.92	4,610	1,466	3.14
1573	1.76	3,970	1,465	2.70
1581	1.83	4,125	1,428	2.88
1589	1.64	4,020	1,420	2.83
1597	1.87	3,870	1,519	2.93
TOTALS	1.79	273,418	87,268	3.13

↑  
 Test Aves  
 Low Data