

2007 NBS® Progeny Test Sire Summary

BREED = BERKSHIRE

Group	Breeder	Sire	Award	ADG	BF10	Loin	Quality	Leg Snd
1149	PHENOTYPIC ACRES, INC.	AJC5 POWERLINE 51 1-1	SUPER SIRE	1.88	0.73	6.70	42.59	6.6
1141	PHENOTYPIC ACRES, INC.	AJC5 STALLION 21-1	SUPER SIRE	1.80	0.79	6.45	54.09	6.5
1213	REVOLUTION FARMS	REV6 HULK 12-9	SUPER SIRE	1.72	0.78	7.27	49.51	5.3
1109	ISU SWINE TEACHING FARM	D&W5 SAKI 30-1	SUPER SIRE	1.68	0.79	5.98	54.51	7.0
1101	ISU SWINE TEACHING FARM	IASU4 BENTLEY 67-2	SUPER SIRE	1.63	0.75	6.44	54.98	6.4
1197	DANIEL HELGEN	DZB5 MR. MOM 100-9	NBS SIRE	1.70	0.82	5.14	63.98	4.4
1173	INNERST BERKSHIRES	GBI5 BRASS 104-5	NBS SIRE	1.69	0.94	5.59	57.13	6.0
1165	INNERST BERKSHIRES	GBI5 GEM 101-5	NBS SIRE	1.77	1.07	5.61	61.43	5.6
1333	STEVE STASSEN	SFB5 BOOMER BOY 40-10	NBS SIRE	1.45	0.81	6.10	56.89	6.5
1117	ISU SWINE TEACHING FARM	IASU5 BLACK STALLION 42-3	NBS SIRE	1.40	0.79	6.78	51.09	7.0
1205	REVOLUTION FARMS	MJH5 TULARE 121-1	NBS SIRE	1.84	1.03	6.59	42.22	5.5
1421	GOODWIN FAMILY FARMS	GFF6 WIDE OPEN 60-5	NBS SIRE	1.66	0.97	6.00	53.59	6.2
1397	OAK HILL FARMS	2OHF4 FULL COUNT 53-4	NBS SIRE	1.63	0.93	6.03	53.10	6.0
1221	K & H BERKSHIRES LLP	KSWW5 PRIME TIME 25-8	NBS SIRE	1.60	0.85	6.93	43.99	5.4
1301	GOODWIN FAMILY FARMS	GBI3 FIRST CLASS 21-12	NBS SIRE	1.56	0.85	6.63	48.66	5.3
1341	STEVE STASSEN	D&W5 SAKI 30-4	NBS SIRE	1.62	1.07	5.85	63.66	6.3
1293	GOODWIN FAMILY FARMS	GFF5 FREIGHTLINER 304-5	NBS SIRE	1.49	1.14	5.60	76.00	6.4
1189	DANIEL HELGEN	DZB5 MOUNT EVEREST 82-1	NBS SIRE	1.54	0.98	6.09	57.08	5.5
1405	OAK HILL FARMS	REV4 BIG FOOT 18-3	NBS SIRE	1.59	1.14	5.25	64.82	6.4
1181	DANIEL HELGEN	DZB4 TULARE 3-1	NBS SIRE	1.50	1.01	5.45	51.27	6.7
1317	GOODWIN FAMILY FARMS	CC3 FREIGHTLINER 16-1	NBS SIRE	1.40	1.07	6.00	47.18	6.3

2007 NBS® Progeny Test Sire Summary

BREED = CHESTER WHITE

Group	Breeder	Sire	Award	ADG	BF10	Loin	Quality	Leg Snd
1437	RANDY & BECKY SCHMIDT	COR16 HERCULES 20-5	SUPER SIRE	1.88	0.80	7.33	44.05	8.7
1453	RANDY & BECKY SCHMIDT	RS5 HARLEY 27-1	NBS SIRE	1.35	0.80	7.08	53.89	8.4
1349	BROWN FARMS	RCW5 SKY RIDER 35-3	NBS SIRE	1.70	0.85	6.33	38.93	7.4
1445	RANDY & BECKY SCHMIDT	RS5 HOLBROOK 20-2	NBS SIRE	1.62	1.09	6.36	44.00	8.6

BREED = DUROC

Group	Breeder	Sire	Award	ADG	BF10	Loin	Quality	Leg Snd
1277	ISU SWINE BREEDING FARM	WFG5 EIGHT BELOW 4-1	SUPER SIRE	1.96	0.90	6.96	58.94	7.6
1285	ISU SWINE BREEDING FARM	ISUB5 SENSOR 20-2	SUPER SIRE	1.67	0.79	6.67	60.08	7.3
1133	DEREK BARTHOLOMEW	1DB5 THOR 13-4	SUPER SIRE	1.69	0.80	6.60	54.72	7.4
1253	FORKNER FARMS TRULINE®	CC5 BASIC 14-9	NBS SIRE	1.73	1.09	6.35	52.09	7.8

BREED = LANDRACE

Group	Breeder	Sire	Award	ADG	BF10	Loin	Quality	Leg Snd
1261	FORKNER FARMS TRULINE®	CC7 STAN 1-2	SUPER SIRE	1.71	0.68	6.59	31.39	6.4
1381	WHITESHIRE HAMROC	WHI5 KARZE 24-5	NBS SIRE	1.86	0.76	5.87	30.79	6.4

BREED = SPOT

Group	Breeder	Sire	Award	ADG	BF10	Loin	Quality	Leg Snd
1125	TROWBRIDGE SPOT FARM	TF2 DARKSIDE 30-3	SUPER SIRE	1.82	0.98	6.52	39.86	7.4

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BREED = YORKSHIRE

Group	Breeder	Sire	Award	ADG	BF10	Loin	Quality	Leg Snd
1237	WALDO FARMS	WFD5 TATES ALPINE 562 293-1	SUPER SIRE	1.95	0.81	7.47	24.21	7.6
1229	WALDO FARMS	WFD5 PURE PIG 218-1	SUPER SIRE	2.06	0.85	6.68	28.89	6.5
1373	WHITESHIRE HAMROC	WHI4 ABEL 514-15	NBS SIRE	1.78	0.87	6.85	43.88	6.0
1245	FORKNER FARMS TRULINE®	CC5 CAPTAIN 10-2	NBS SIRE	1.58	0.90	6.40	39.50	6.1

BREED = CROSSBRED

Group	Breeder	Sire	Award	ADG	BF10	Loin	Quality	Leg Snd
1357	KIRBY MOLDENHAUER	HP6HP FED EX 42-3	SUPER SIRE	1.96	0.82	6.44	48.87	8.1
1157	MICHAEL FREUND	MSF5 RU READY 6-7	NBS SIRE	1.75	0.72	6.03	28.18	6.4

TRAITS ADJUSTED FOR SEX AND WEIGHT								
				ADG	BF10	Loin	Quality	Leg Snd
				1.69	0.94	6.19	50.15	6.48

THANKS!

The following supported the National Barrow Show® Progeny Test:

Alflex USA Inc.
Iowa State University
Iowa Pork Producers Association
National Pork Producers Council

*****The 2008 Progeny Test delivery date is set for March 28th. Make plans to enter now!!!

The average performance, overall and by breed, are shown in Table 1. LMA and BF10 are adjusted to 240 lb live weight and for sex of pig. ADG is adjusted to 70 lb on test weight and sex of pig. Minolta and IMF are adjusted for sex of pig.

Table 1.

Breed	ADG, lb/d	LMA, sq in	BF10, in	Quality	Soundness	No. pigs
Berkshire	1.64	5.93	.99	55.20	5.93	194
Crossbred	1.76	5.98	.92	43.56	6.96	23
Duroc	1.76	6.63	.80	56.37	7.48	31
Chester W	1.53	6.77	.89	45.47	8.30	30
Landrace	1.79	6.21	.72	31.07	6.40	15
Spot	1.82	6.52	.98	39.86	7.37	8
Yorkshire	1.84	6.85	.86	33.80	6.58	31
Test avg	1.69	6.19	.94	50.15	6.48	332

Table 2.

Breed	IMF, %	Minolta, %	pH	Cook Loss, %	Juicy	Tender	Inston, kg
Berkshire	2.55	21.25	5.68	17.56	6.63	6.99	4.97
Crossbred	2.54	23.17	5.52	18.25	6.52	7.00	5.24
Duroc	3.30	22.33	5.61	18.87	6.48	6.71	5.13
Chester W	2.54	23.42	5.57	19.31	6.27	6.33	5.57
Landrace	1.70	25.81	5.51	20.27	6.14	6.29	5.59
Spot	2.19	23.00	5.53	19.86	6.25	6.13	6.48
Yorkshire	1.99	23.91	5.47	18.96	6.19	6.61	5.62
Test avg	2.59	22.18	5.62	18.19	6.50	6.82	5.18

2007 National Barrow Show® Progeny Test Terms

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

ADG	AVERAGE DAILY GAIN. Adjusted for sex; adj'd to 70 lb on-test weight before sire average is calculated.
BF10	BACKFAT. Reported in inches. Measured off mid-line at the tenth rib. Adjusted for sex; adj'd to 240-lb live weight.
LMA	LOIN MUSCLE AREA. Reported in square inches. Measured at the tenth rib. Adjusted for sex; adj'd to 240-lb live weight.
SND	SOUNDNESS. Scored 1-5 for movement and structure of front and also 1-5 for movement and structure of rear. Scores are totaled (2-10). Higher scores are more sound.
Q or QUALITY	Index that combines Minolta reflectance, ultimate pH and intramuscular fat percent of fresh loins. Higher indexes are better. This is only a predictor of cooked loin tenderness.
LOIN MIN	MINOLTA color meter. Measures percent light reflectance of loin muscle @ 10 th rib 24 hours post-mortem. Lower is darker.
LOIN pH	ULTIMATE pH. Measured 24 hours post-mortem. Higher pH is associated with less drip loss and darker color.
IMF	Percent loin INTRAMUSCULAR FAT (total lipids) content of the loin.
COOKLOSS	Percent weight loss from cooking loin chop. Lower is best.
INSTRON	Star probe pressure of cooked loin in kilograms. Lower pressure indicates more tenderness.
TENDER	Sensory panel score of cooked loin TENDERNESS on 1-10 scale. Higher scores are more tender.
JUCY	Sensory panel score of cooked loin JUCINESS on a 1-10 scale. Higher scores are more juicy.
HAL	Halothane gene (DNA). 0 = Normal, 1 = Carrier, 2 = Dominant
RN	Napole gene (DNA). 0 = Normal, 1 = Carrier, 2 = Dominant