



**2015**  
**PROGENY TEST**  
***SIRE SUMMARY***

## A word about the 2015 NBS® Progeny Test...

The NATIONAL BARROW SHOW® Sire Progeny Test remains the most extensive unbiased evaluation of progeny performance available to purebred swine breeders. Currently, twelve different measures of progeny performance are recorded on every pig that completes the testing period. These include evaluations of carcass composition, growth performance, meat quality, and eating quality. These data are compiled and returned to participating breeders for use within their individual breeding or marketing program. However, with the extensive amount of data that is evaluated, an effective method is needed to summarize the progeny performance of a particular sire that appropriately utilizes the data available. Changes within the industry have led to different production and marketing schemes utilized by purebred breeding herds, which complicates the application of a single figure or index that fits the goals of all participating firms. In general, the production goals employed by purebred breeders who utilize the NBS® Progeny Test can be characterized as either: A) mainstream pork production aimed at efficient production of lean product; or B) production aimed at enhanced eating quality.

Mainstream pork production requires a sufficient emphasis on eating quality to secure a consistent market outlet for processors. Conversely, eating quality-based production systems also must maintain a sufficient level of lean growth to remain profitable in the long-term. In keeping with the 2011 analysis, this year's test will evaluate the progeny performance of a sire based on the two production systems described above and recognize sires that excel in either or both of the production and marketing structures. Specifically, sires that excel in mainstream pork production traits will be recognized with *"SUPER SIRE™"* Awards while sires that excel in eating quality-based traits will receive *"PORQUE"* Awards (PORk QUality Excellence).

### **Overall objectives used for sire rankings**

Sires are now ranked according to two primary objectives that place different levels of emphasis on progeny performance accordingly: 1) Lean gain per day on test; and 2) Consumer acceptance. Lean gain per day on test (LGOT) is easily calculated by the methods outlined in the Pork Composition and Quality Assessment Procedures manual published by the National Pork Producers Council. The calculation of consumer acceptance (CA) uses nine different meat and eating quality traits measured in the progeny test. The calculation of CA involved a consensus of the impact that each trait has on overall consumer preference. Using this information the following criteria are now used to determine superior sires in the Progeny Test:

***SUPER SIRE™* Index:** Used to reflect mainstream pork production where 90% of the weight is given to components of lean gain and 10% of the weight is assigned to characters that influence consumer acceptance.

***PORQUE* Index:** Used to reflect a production and marketing system where primary emphasis is based on meat quality traits with a sufficient level of lean growth. This objective places 10% of the weight on components of lean growth, while 90% of the weight is given to characters that influence consumer acceptance.

Relative contribution of singular measured traits within each component group described above:

<b>Lean Gain Factor</b>	
Ave Daily Gain	57%
10 <sup>th</sup> Rib Bkft	34%
Loin Eye Area	6%
All Other Traits	3%

<b>Consumer Acceptance Factor</b>	
pH	43%
Intron Tenderness	30%
Intramuscular Fat	10%
Sensory Panel	10%
All Other Traits	7%

(i.e., ADG comprises 57% of the weighting in “Lean Gain”. The entire collection of traits in “Lean Gain” is then in turn weighted at 90% of the value of the ***SUPER SIRE™*** Index or 10% value of the ***PORQUE*** Index.)

All variables are adjusted for gender and contemporary group (defined as off-test group). Carcass composition traits such as loin eye area and backfat are adjusted to 250 lbs, while average daily gain is adjusted to 80lbs on-test weight. The contemporary group effect, included in the evaluation of meat and eating quality traits, assists in alleviating the vast differences that exist in harvest day environment as well as the differences in people used in the sensory taste panels.

Similar to previous years, two different soundness scores (1-5) are assigned to each pig separately for front and rear leg structure/movement. Individual pigs that have a score of less than 1.5 on either front or rear are disqualified. In order for a sire to be eligible for either ***SUPER SIRE™*** or ***PORQUE*** recognition, the sire average must include six pigs that completed the testing period eligible for market and were not disqualified for soundness. Entries that do not meet this requirement will not be published. The top 20% of the sires in each breed and the entire test will be awarded.

If you have any questions regarding the Progeny Test in general, please contact Morgan Core at 507-437-5306 or [mlcore@hormel.com](mailto:mlcore@hormel.com).

## 2015 NBS® Progeny Test SUPER SIRE™ Ranking

Traits adjusted for sex, off-test date & weight, and/or on-test weight.

**SUPER SIRE™ Awards are listed in BOLD.** SUPER SIRE™ Index represents 90% weight on Lean Growth measures and 10% weight on Eating Quality measures.

BREED = BERKSHIRE						Leg	PORQUE	SUPER SIRE™
Group	Breeder	Sire	ADG	BF10	LMA	Sound.	Rank	INDEX
381	Fly'n K Berkshires	NJB3 NEON COWBOY 45-1	1.68	.72	7.13	5.33	6	108.62
373	Fly'n K Berkshires	GNK4 WHEELS UP 1-9	1.68	.75	7.41	4.88	3	107.58
117	Greg & Beth Innerst	DCHH3 D8 CAT 2-2	1.54	0.61	8.30	4.87	15	100.10
397	Fly'n K Berkshires	TMLA4 BUTCH CASSIDY 2-1	1.65	1.09	5.95	4.30	7	99.67
445	Lyle & Darla Wipplinger	WIPP4 NST 2-6	1.64	1.09	5.95	4.30	1	99.38
389	Fly'n K Berkshires	TMLA4 BUTCH CASSIDY 2-1	1.81	.0.87	6.44	5.27	14	98.90
413	Seybold Berkshires	TSS2 3A 12-4	1.89	0.97	5.70	3.95	12	98.57
125	Bennecoff Family Farm	TLB3 TCG DIFFERENT STROKES 6-2	1.66	0.75	7.54	4.73	16	97.22
221	Oak Hill Farm Berkshires	2OHF2 CONSISTENT STALLION 72-1	1.68	1.18	6.07	3.85	2	96.01
421	Kurobuta Berkshires LLC	BA3 BACKWHEN 2-2	1.64	0.90	6.31	5.05	10	95.86
357	Forkner Farms/Truline Genetics	AJC2 POWER UP 5-2	1.51	0.92	6.57	4.89	5	95.80
429	Kurobuta Berkshires LLC	KURO3 MASTER 78-11	1.66	0.84	6.49	4.98	13	95.45
261	Oak Hill Farm Berkshires	OHF1 STONEHENGE 23-4	1.59	1.00	6.38	3.88	9	95.22
453	Lyle & Darla Wipplinger	WIPP3 STALLION 2-3	1.55	1.06	6.33	3.86	4	94.17
237	Oak Hill Farm Berkshires	OHF0 S MASTERBOY 7-2	1.80	1.26	5.68	4.14	8	93.67
437	Kurobuta Berkshires LLC	BA3 BACKWHEN 3-3	1.56	1.21	5.91	4.40	11	86.13
		<b>BERKSHIRE Average</b>	<b>1.66</b>	<b>0.94</b>	<b>6.53</b>	<b>4.59</b>		<b>97.65</b>

BREED = CHESTER WHITE						Leg	PORQUE	SUPER SIRE™
Group	Breeder	Sire	ADG	BF10	LMA	Sound.	Rank	INDEX
405	Randy & Becky Schmidt	MDI2 MEDIC 9-11	1.53	0.87	8.17	5.98	1	100.54
333	Brown Farms/Neil Albertson	4 KOOL WHIP 3-4	1.51	0.93	7.10	6.00	2	90.65
		<b>CHESTER WHITE Average</b>	<b>1.52</b>	<b>0.90</b>	<b>7.64</b>	<b>5.99</b>		<b>95.60</b>

## 2015 NBS® Progeny Test SUPER SIRE™ Ranking

Traits adjusted for sex, off-test date & weight, and/or on-test weight.

**SUPER SIRE™ Awards are listed in BOLD.** SUPER SIRE™ Index represents 90% weight on Lean Growth measures and 10% weight on Eating Quality measures.

BREED = DUROC								Leg	PORQUE	SUPER SIRE™
Group	Breeder	Sire	ADG	BF10	LMA	Sound.	Rank	INDEX		
285	Waldo Genetics	WFD3 BLARNEY 90-2	2.03	0.60	7.35	5.17	3	116.65		
277	Waldo Genetics	WFD3 HARVESTER 120-2	2.05	0.70	7.47	4.63	6	116.02		
173	Whiteshire Hamroc	WHIH3 F LLOYD 413-9	1.87	0.71	7.37	5.31	1	113.52		
213	Comparts Boar Store	CBSW2 F POET 33-1	1.72	0.69	7.99	5.75	4	106.78		
317	Waldo Genetics	WFD3 RED LEGEND 252-3	1.69	0.63	8.65	5.33	7	101.82		
349	Forkner Farms/Truline Genetics	CC3 IKE 68-10	1.59	0.78	7.00	5.54	2	101.80		
205	Comparts Boar Store	CBSW3 S GABE 77-2	1.53	0.67	7.93	5.25	5	101.17		
<b>DUROC Average</b>			<b>1.78</b>	<b>0.68</b>	<b>7.68</b>	<b>5.28</b>		<b>108.25</b>		

BREED = LANDRACE								Leg	PORQUE	SUPER SIRE™
Group	Breeder	Sire	ADG	BF10	LMA	Sound.	Rank	INDEX		
341	Forkner Farms/Truline Genetics	CC3 CHRIS 14-3	1.86	0.77	5.88	3.70	1	103.42		
157	Whiteshire Hamroc	WHI2 F SAGE 68-13	1.95	0.91	5.83	4.58	2	96.26		
181	Whiteshire Hamroc	WHI2 SAMSTORP 247-12	1.90	0.85	6.70	4.40	3	95.59		
<b>LANDRACE Average</b>			<b>1.91</b>	<b>0.84</b>	<b>6.13</b>	<b>4.23</b>		<b>98.42</b>		

BREED = POLAND CHINA								Leg	PORQUE	SUPER SIRE™
Group	Breeder	Sire	ADG	BF10	LMA	Sound.	Rank	INDEX		
101	IXL Breeding Herds	IXL3 R-HAWG 5-4	1.68	0.75	6.59	5.83	1	93.69		
<b>POLAND CHINA Average</b>			<b>1.68</b>	<b>0.75</b>	<b>6.59</b>	<b>5.83</b>		<b>93.69</b>		

## 2015 NBS® Progeny Test SUPER SIRE™ Ranking

Traits adjusted for sex, off-test date & weight, and/or on-test weight.

***SUPER SIRE™ Awards are listed in BOLD.*** SUPER SIRE™ Index represents 90% weight on Lean Growth measures and 10% weight on Eating Quality measures

BREED = YORKSHIRE						Leg	PORQUE	SUPER SIRE™
Group	Breeder	Sire	ADG	BF10	LMA	Sound.	Rank	INDEX
<b>365</b>	<b>Forkner Farms/Truline Genetics</b>	<b>CC3 MR B 60-3</b>	1.78	0.62	7.75	4.53	1	105.43
165	Whiteshire Hamroc	WHI2 SGI ZOOK 867 180-14	1.98	0.81	6.69	4.98	2	104.35
309	Waldo Genetics	WFD3 MEGA MAN 166-7	1.88	0.73	6.58	5.18	3	100.20
189	Whiteshire Hamroc	WHI3 THE UNIT 58-7	1.78	0.68	6.42	5.20	4	94.63
<b>YORKSHIRE Average</b>			<b>1.85</b>	<b>0.71</b>	<b>6.86</b>	<b>4.97</b>		101.15

BREED = CROSSBRED						Leg	PORQUE	SUPER SIRE™
Group	Breeder	Sire	ADG	BF10	LMA	Sound.	Rank	INDEX
<b>269</b>	<b>Waldo Genetics</b>	<b>WFD3 FIRESTONE 191-1</b>	2.00	0.52	8.70	4.10	4	111.36
<b>325</b>	<b>Waldo Genetics</b>	<b>DW2 WENDELS POINT 3-4</b>	1.71	0.65	8.76	4.95	3	106.02
149	PureTec Genetics	80-5 PIKKUS	1.95	0.96	6.76	4.97	1	103.79
293	Waldo Genetics	WFD3 COMMITMENT 114-2	1.80	0.41	8.02	4.54	5	103.40
141	PureTec Genetics	5-15 URON	1.84	0.89	6.34	5.05	2	99.25
<b>CROSSBRED Average</b>			<b>1.86</b>	<b>0.69</b>	<b>7.72</b>	<b>4.72</b>		<b>104.76</b>

	ADG	BF10	LMA	Leg Sound.	SUPER SIRE™ INDEX
<b>ENTIRE TEST AVERAGE</b>	1.74	0.82	6.96	4.85	100.76

## 2015 NBS® Progeny Test PORQUE Ranking

Traits adjusted for sex & off-test date.

**PORQUE™ Awards are listed in BOLD.** PORQUE Index represents 10% weight on Lean Growth measures and 90% weight on Eating Quality measures.

BREED = BERKSHIRE			Sensory Panel						
Group	Breeder	Sire	pH	Instron Tender	% IM Fat	Juic	Tender	SS Rank	PORQUE INDEX
445	Lyle & Darla Wiplinger	WIPP4 NST 2-6	6.01	4.58	2.47	8.00	8.38	5	106.87
221	Oak Hill Farm Berkshires	2OHF2 CONSISTENT STALLION 72-1	6.06	4.86	2.58	7.88	8.46	9	106.06
373	Fly'n K Berkshires	GNK4 WHEELS UP 1-9	5.87	4.60	2.20	7.90	8.40	2	105.07
453	Lyle & Darla Wiplinger	WIPP3 STALLION 2-3	6.08	5.33	3.50	8.45	7.90	14	105.04
357	Forkner Farms/Truline Genetics	AJC2 POWER UP 5-2	5.79	4.97	2.98	8.38	8.53	11	104.68
381	Fly'n K Berkshires	NJB3 NEON COWBOY 45-1	5.72	4.93	2.07	8.20	8.40	1	103.39
397	Fly'n K Berkshires	TMLA4 BUTCH CASSIDY 2-1	5.94	5.11	1.89	7.83	7.70	4	103.27
237	Oak Hill Farm Berkshires	OHF0 S MASTERBOY 7-2	5.93	4.96	2.27	7.83	7.86	15	103.25
261	Oak Hill Farm Berkshires	OHF1 STONEHENGE 23-4	6.00	5.10	1.97	7.21	8.12	13	102.96
421	Kurobuta Berkshires LLC	BA3 BACKWHEN 2-2	5.65	4.87	1.84	7.65	7.53	10	102.01
437	Kurobuta Berkshires LLC	BA3 BACKWHEN 3-3	5.84	5.21	2.41	7.57	7.86	16	101.65
413	Seybold Berkshires	TSS2 3A 12-4	5.74	5.29	1.74	8.28	6.95	7	100.71
429	Kurobuta Berkshires LLC	KURO3 MASTER 78-11	5.62	5.52	2.11	8.15	7.45	12	99.50
389	Fly'n K Berkshires	TMLA4 BUTCH CASSIDY 2-1	5.79	5.27	1.84	7.22	6.92	6	99.21
117	Greg & Beth Innerst	DCHH3 D8 CAT 2-2	5.61	5.40	1.08	7.50	7.34	3	97.75
125	Bennecoff Family Farm	TLB3 TCG DIFFERENT STROKES 6-2	5.69	5.47	1.66	6.77	7.03	8	96.68
<b>BERKSHIRE Average</b>			<b>5.83</b>	<b>5.09</b>	<b>2.16</b>	<b>7.80</b>	<b>7.80</b>		<b>102.38</b>

BREED = CHESTER WHITE			Sensory Panel						
Group	Breeder	Sire	pH	Instron Tender	% IM Fat	Juic	Tender	SS Rank	PORQUE INDEX
405	Randy & Becky Schmidt	MDI2 MEDIC 9-11	5.82	<b>4.96</b>	<b>2.30</b>	<b>6.57</b>	<b>7.50</b>	1	<b>101.45</b>
333	Brown Farms/Neil Albertson	4 KOOL WHIP 3-4	5.98	<b>5.68</b>	<b>2.40</b>	<b>7.23</b>	<b>6.57</b>	2	<b>98.35</b>
<b>CHESTER WHITE Average</b>			<b>5.90</b>	<b>5.32</b>	<b>2.35</b>	<b>6.90</b>	<b>7.04</b>		<b>99.90</b>

## 2015 NBS® Progeny Test PORQUE Ranking

Traits adjusted for sex & off-test date.

**PORQUE™ Awards are listed in BOLD.** PORQUE Index represents 10% weight on Lean Growth measures and 90% weight on Eating Quality measures.

<b>BREED = DUROC</b>			<b>Sensory Panel</b>						<b>PORQUE INDEX</b>
<b>Group</b>	<b>Breeder</b>	<b>Sire</b>	<b>pH</b>	<b>Instron Tender</b>	<b>% IM Fat</b>	<b>Juic</b>	<b>Tender</b>	<b>SS Rank</b>	
173	Whiteshire Hamroc	WHIH3 F LLOYD 413-9	5.74	4.81	2.80	8.60	8.18	3	105.08
349	<b>Forkner Farms/Truline Genetics</b>	<b>CC3 IKE 68-10</b>	5.76	4.89	3.01	7.79	7.79	6	104.37
285	Waldo Genetics	WFD3 BLARNEY 90-2	5.76	5.35	2.77	7.43	7.23	1	101.66
213	Comparts Boar Store	CBSW2 F POET 33-1	5.70	5.17	2.67	7.28	7.12	4	100.92
205	Comparts Boar Store	CBSW3 S GABE 77-2	5.80	5.21	3.53	6.13	6.21	7	100.78
277	Waldo Genetics	WFD3 HARVESTER 120-2	5.85	5.95	2.44	7.25	6.59	2	99.08
317	Waldo Genetics	WFD3 RED LEGEND 252-3	5.83	6.39	1.74	6.56	6.37	5	93.98
<b>DUROC Average</b>			<b>5.78</b>	<b>5.40</b>	<b>2.71</b>	<b>7.29</b>	<b>7.07</b>		<b>100.84</b>

<b>BREED = LANDRACE</b>			<b>Sensory Panel</b>						<b>PORQUE INDEX</b>
<b>Group</b>	<b>Breeder</b>	<b>Sire</b>	<b>pH</b>	<b>Instron Tender</b>	<b>% IM Fat</b>	<b>Juic</b>	<b>Tender</b>	<b>SS Rank</b>	
341	<b>Forkner Farms/Truline Genetics</b>	<b>CC3 CHRIS 14-3</b>	5.46	4.80	1.84	8.51	8.39	1	102.03
157	Whiteshire Hamroc	WHI2 F SAGE 68-13	5.71	5.89	1.63	6.71	6.96	2	95.18
181	Whiteshire Hamroc	WHI2 SAMSTORP 247-12	5.61	6.03	1.78	6.00	5.77	3	92.59
<b>LANDRACE Average</b>			<b>5.59</b>	<b>5.57</b>	<b>1.75</b>	<b>7.07</b>	<b>7.04</b>		<b>96.60</b>

<b>BREED = POLAND CHINA</b>			<b>Sensory Panel</b>						<b>PORQUE INDEX</b>
<b>Group</b>	<b>Breeder</b>	<b>Sire</b>	<b>pH</b>	<b>Instron Tender</b>	<b>% IM Fat</b>	<b>Juic</b>	<b>Tender</b>	<b>SS Rank</b>	
101	IXL Breeding Herds	IXL3 R-HAWG 5-4	5.86	6.02	1.62	6.48	5.96	1	95.62
<b>POLAND CHINA Average</b>			<b>5.86</b>	<b>6.02</b>	<b>1.62</b>	<b>6.48</b>	<b>5.96</b>		<b>95.62</b>



## 2015 NBS® Progeny Test PORQUE Ranking

Traits adjusted for sex & off-test date.

**PORQUE™ Awards are listed in BOLD.** PORQUE Index represents 10% weight on Lean Growth measures and 90% weight on Eating Quality measures.

BREED = YORKSHIRE			Sensory Panel						
Group	Breeder	Sire	pH	Instron Tender	% IM Fat	Juic	Tender	SS Rank	PORQUE INDEX
<b>365</b>	<b>Forkner Farms/Truline Genetics</b>	<b>CC3 MR B 60-3</b>	5.62	5.51	1.71	7.15	6.89	1	97.69
165	Whiteshire Hamroc	WHI2 SGI ZOOK 867 180-14	5.58	5.73	2.42	7.63	6.87	2	97.65
309	Waldo Genetics	WFDM3 MEGA MAN 166-7	5.68	5.70	1.45	6.25	6.92	3	95.71
189	Whiteshire Hamroc	WHI3 THE UNIT 58-7	5.61	6.24	1.86	6.09	6.28	4	93.32
<b>YORKSHIRE Average</b>			<b>5.76</b>	<b>5.39</b>	<b>2.17</b>	<b>7.31</b>	<b>7.23</b>		<b>99.76</b>

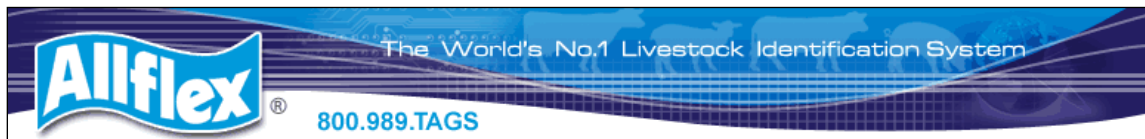
BREED = CROSSBRED			Sensory Panel						
Group	Breeder	Sire	pH	Instron Tender	% IM Fat	Juic	Tender	SS Rank	PORQUE INDEX
<b>149</b>	<b>PureTek Genetics</b>	<b>80-5 PIKKUS</b>	5.49	4.91	2.30	7.51	7.99	3	100.03
141	PureTek Genetics	5-15 URON	5.60	5.33	2.23	7.03	7.76	5	99.15
325	Waldo Genetics	DW2 WENDELS POINT 3-4	5.72	6.01	1.64	6.53	5.72	2	94.08
269	Waldo Genetics	WFD3 FIRESTONE 191-1	5.61	6.25	2.10	5.67	5.51	1	92.39
293	Waldo Genetics	WFD3 COMMITMENT 114-2	5.78	6.81	1.49	6.81	5.32	4	91.18
<b>CROSSBRED Average</b>			<b>5.64</b>	<b>5.86</b>	<b>1.95</b>	<b>6.71</b>	<b>6.46</b>		<b>95.37</b>

		Sensory Panel					PORQUE INDEX
		pH	Instron Tender	% IM Fat	Juic	Tender	
<b>ENTIRE TEST AVERAGE</b>		5.76	5.40	2.17	7.32	7.23	<b>99.75</b>

Please THANK the following sponsors for underwriting costs and professionally assisting with the NATIONAL BARROW SHOW® Sire Progeny Test. Without the tremendous support of these entities, the Progeny Test would not be possible.



IOWA STATE UNIVERSITY



ABA, CPS & NSR