

A BRIEFER ON BREEDING PIG AUCTION

Ming-Che Wu¹, Yung-Yu Lai¹, Ing-Haur Hwang¹, Qui-Zhu Liu² and Hsiu-Luan Chang³

¹ Livestock Research Institute, Council of Agriculture, Taiwan

² Formosan Farmers Association for Swine Improvement

³ Dept of Animal Science, National Ping Tung University of Science and Technology

e-mail: mcwu@mail.tlri.gov.tw

ABSTRACT

Since 1975, auction on purebred pig stocks at the national level has been conducted after growth performance test of piglets and body conformation contest of pubertal pigs in Taiwan. As a matter of fact, since 1978, the Farmer Association of pig breeders set four major events on March 3rd, June 6th, September 9th, and December 12th the so-called "Double Number 33, 66, 99, 1212 Auction" for body conformation contest of pubertal pigs is set in the morning and then auctioned them in the afternoon.. Boars must be 240 to 300 days old and gilts must be between 200 and 250 days old. The body weight limits are 150 to 185 Kg for boars and 110 to 160 Kg for gilts. Prior to contest proper, DNA test of PSS-gene free on all pigs and semen quality measurement of boars have been tested since 2005. On the auction date, three judges will look at each individual pig in each single pen in the retaining house and 2/3 portion of the pigs by breed and gender will then be pre-selected. Those of pre-selected pigs will then be brought to the stage by group (I the case of gilts) and by individuals (in the case of boars) for the top 1/3 ranking on score of body conformation. Champion boars of L, Y, and D breeds will then be displayed at the show pens located at the side by the stage. Excellent hoof evaluation on those of top 1/3 ranked pigs will be further judged by another three experts and the top 1/3 will then be ranked. Hence, the buyer will have all information of each pig before the auction takes place. Final price of each pig will be displayed in the sold listing on the screen and will also be uploaded on the web. During the auction period, a web-linked screen can be viewed by second-delayed mode for the public. A film with 30 to 60 seconds for each auction pig will be uploaded on the web for the public to view three days after the auction. Such multimedia data will serve as pig breeding information for pig farmers in learning the locomotion of breeding pigs. Champion awarding activity to breeders will then be conducted with pigs ranked based on their growth index, body conformation and excellent hoof. Each contest will also will be recorded and linked to a web page to honor the achievements of the pig breeders and to express the involvement of the organizations responsible for the pig auction event.

Keywords: Pig, Breeding, Auction

BACKGROUND

Since 1975, auction on purebred pig stocks at the national level has been conducted after growth performance test of piglets and body conformation contest of pubertal pigs in Taiwan. As a matter of fact, since 1978, the Farmer Association of pig breeders has set four major events on March 3rd, June 6th, September 9th, and December 12th and the so-called "Double Number 33, 66, 99, 1212 Auction" for body conformation contest of pubertal pigs will be in the morning and will then be auctioned in the afternoon. Boars must be 240 to 300 days old and gilts must be between 200 and 250 days old. The body weight limits are 150 to 185 Kg in the case of boars and 110 to 160 Kg in the case of gilts. Prior to contest proper, DNA test of PSS-gene free on all pigs and semen quality measurement of boars will be performed. This test has been a tradition since 2005.

Total sperm count per collection in boars within 300 days of age

公豬(300日齡以內)採精總精子數分布(查詢日: 2014/5/19)

總精子數 (億)	頭數	品種			
		D	L	Y	F
100~199	3	2	1	0	0
200~299	17	11	2	3	1
300~399	65	50	8	4	3
400~499	110	73	21	13	3
500~599	185	140	28	17	10
600~699	223	150	44	21	8
700~799	180	127	37	11	15
800~899	132	86	30	12	14
900~999	72	49	15	5	3
1000~1099	29	18	8	2	1
1100~1199	19	11	5	3	0
1200~1299	6	4	2	0	0
1300~1399	3	1	2	0	0
1400~1499	2	2	0	0	0
1500~1599	2	1	1	0	0
1600~1699	1	0	1	0	0
2300~2399	1	0	1	0	0



Elite Boar

BODY CONFORMATION CONTEST

On the auction date, three judges will look at each individual pig in each single pen. The pig will already be marked with the pen number on his/her back, in the retaining house and 2/3 portion of the pigs by breed and gender will then be pre-selected. In each contest, there are L, Y, and D breeds and will be classified into boar and gilt groups. Hence, the maximum group will be 3 breed x 2 gender = 6 groups. The group size will vary from breed and gender according to the needs of hog producers and some pig breeders. Also, solid black coat color pigs provided from few of breeding farms will be grouped as F breed which did not participate in body conformation contest. Those of pre-selected L, Y and D pigs will then be brought to the stage by group in gilt and by individual (in the case of boar) for the top 1/3 ranking on score of body conformation. Champion boars of L, Y, and D breed will then be displayed at the show pens which are located at the side of the stage. Excellent hoof evaluation on those of the top 1/3 ranked pigs will be further judged by another three experts who will rank the top 1/3. Hence, the buyer will have all information of each pig before the auction takes place.

THE AUCTION PROPER

Based on the rank of body conformation contest, the first prize of D boar will be the last to be sale and the rest of the top ranking pigs will be arranged at the last half of the auction. Minutes before the auction program starts, an on-sale list print will be provided to every one. The sale manager will call in order and the buyers will be seated in front of the stage. According to the on-sale list, each pig will be marked individually for sale. The ground price for non-ranking pigs is 15,000 NT\$ for boars and 12,000 NT\$ for gilts at the beginning of the auction. Ranked pigs' ground price is higher in boars with 20,000 NT\$ and NT\$15,000 in gilts Buyer rises his hand to add NT\$1,000 each call until no more additional calls by the sale manager take place. The sale manager will announce the final price and say "sold". If no one wants to call for the pig, the manager will say "put back." This means the pigs also can be sold later at a ground price after the end of the auction should the buyer wants it Final price of each pig will be displayed as "sold" on screen and this will also be posted on the web. The auction takes place for the first 30 minutes and around 1:00PM, there will be another 10~15 minutes break to

honor the breeder farm for champion pigs based on growth index, body conformation and hoof. Occasionally, visitors from abroad or policy makers will make brief remarks regarding the auction activity or share their visiting experiences before the awarding ceremony. The judge and/or honorable guest will present the champion plate to the breeder from growth index, followed by the body conformation, and last on the hoof. And then, the auction will continue till the end. The sale manager will call an attention to the buyers regarding the dates and place for the next upcoming auction which will depend on the Farmer Association of pig breeders-- either in Hsinhua or at the Bauchun Township.



AFTER AUCTION

Final total sales of the whole class and average price for boars and gilts will be displayed at the sold listing and will also be posted at a web page. During the duration of the auction, a web-linked screen can be viewed by the public via a second-delayed and fixed size view screen. In addition, an audio and video recording by the contracted operator will be carried out to keep the whole activity and each pig will have an edited segments of the auction made into a movie or short film. Thereafter, a film with 30 to 60 seconds for each auction pig will be uploaded on the web for the public three days after the auction. Such multimedia data will serve as pig breeding information for pig farmers in learning the locomotion of breeding pigs. Champion awarding activity to breeders will have pigs ranked in terms of their growth index, body conformation and excellent hoof. Each contest will also be recorded and linked to a web page to honor the achievements of the pig breeders and, also to express the involvement of the concerned organizations which organized the pig auction event.

Country Report

Formosan Pomeranian Association for Swine Improvement
【Term: 03Q2 Date: 2014/3/3 Location: HsinFua】

No.	Price (NT\$)	Body Type* (Rank)	Index (Rank)	BAG Index	Breed (Video)	Ear Notch	MP	Total Sperm Count (billion)	Sire		Dam		Birth Date	Age (Day)	Body Wt (kg)	Test (L/R)	Backfat Thick. (cm)	Genotype					Breeder	
									Name	RegNo.	Name	RegNo.						PSS	ESR	HFABP	IGF2T	IGF2L		PRLR
1	17,000		1	122	L	1752-12	F	-	he xian	197574	hao jie	209105	2013/07/18	229	160	7/6	1.40	AA	NN	HL4	FF	QQ	LL	Fortune
2	28,000		4	127	D	0791-01	M	69.1	fu wei	203835	du feng	191689	2013/05/16	292	168	7/7	1.40	AA	NN	HB6	GG	QQ	LL	Hsien Chan
3	29,000		16	92	D	0832-07	M	75.8	ja cheng dia	202301	you lin	201939	2013/05/26	282	187	7/7	1.80	AA	NN	HB6	FF	QQ	LP	Wang WenQo
4	16,000		15	81	L	1520-02	F	-	chao ji	203929	jin rong	193801	2013/07/05	242	137	7/7	1.53	AA	NN	LL2	FF	QQ	LL	Chu Hsing
5	33,000		5	122	D	0359-04	M	81.0	yang long	195931	hua hu	208868	2013/05/27	281	172	6/7	1.47	AA	NN	HB6	FF	QQ	LP	Hwei Hsing
6	12,000		6	110	L	1716-03	F	-	yu sheng	200754	-	-	2013/06/20	247	132	7/7	1.27	AA	NN	LL2	FG	QQ	LL	King Sang
7	27,000		14	101	D	0604-06	M	37.5	xing jin	202206	fu qian	207538	2013/05/20	288	168	6/7	1.60	AA	NN	HB6	FG	QQ	LP	Shen Fo
8	15,000		3	104	L	1504-09	M	73.4	xin jiao	202036	ying yu	205605	2013/05/19	289	180	7/6	1.67	AA	NN	HL4	FF	QQ	LL	Chu Hsing
9	13,000		10	97	L	0449-05	F	-	jin qian	203394	jin neng	204641	2013/07/11	236	146	8/6	1.47	AA	NN	HL4	FF	QQ	LL	Shen Fo
10	29,000		9	115	D	0791-02	M	96.8	fu wei	203835	du feng	191689	2013/05/16	292	165	7/7	1.47	AA	NN	HB6	FF	QQ	LL	Hsien Chan
11	49,000		2	142	D	1353-01	M	60.8	chen quan	203547	min ban	194697	2013/05/11	297	185	6/7	1.40	AA	NN	HB6	FG	QQ	PP	Fortune
12	10,000		11	90	L	0394-02	F	-	ying xiang	212058	bei xian	201857	2013/07/20	227	127	6/6	1.40	AA	NN	HL4	FF	QQ	LL	Fn Kuan
13	15,000		1	121	Y	0003-02	M	71.6	lang jing	128486	yu shen	207013	2013/05/20	288	183	7/6	1.60	AA	MM	HL3	FF	QQ	PP	Hsien Chan
14	22,000		10	97	L	1716-04	F	-	yu sheng	200754	-	-	2013/06/20	247	137	8/7	1.40	AA	NN	HL5	FF	QQ	LP	King Sang
15	40,000		17	80	D	0815-11	M	61.7	xing xian	209150	hai hua	207596	2013/05/23	285	172	6/7	1.80	AA	NN	HB6	FF	QQ	LL	Chu Hsing
16	44,000		1	136	L	0667-11	M	82.2	ja cheng	206762	ya jun	203115	2013/05/28	280	173	8/7	1.40	AA	NN	HL4	FG	QR	LP	Te Hao Hsing
17	15,000		1	103	Y	1005-11	F	-	wang jin	209782	hu jie	198022	2013/07/13	234	150	8/6	1.53	AA	NN	LL2	FF	QQ	LL	Fortune
18	91,000	3	15	94	D	0813-09	M	72.4	yu jin	205961	so jing	202087	2013/05/19	289	190	6/6	1.80	AA	NN	HB6	FG	QQ	LP	Chu Hsing
19	15,000	3	7	108	L	1741-12	F	-	he xian	197574	jiang ya	209739	2013/06/28	249	160	7/7	1.47	AA	NN	HL4	FF	QQ	LL	Fortune
20	91,000	P3mQA		137	D	1386-01	M	101.4	xiong xian	203636	hao wa	205460	2013/03/26	343	197	7/7	1.47	AA	NN	HB6	FG	QQ	PP	Fortune
21	59,000	2	1	146	D	1351-06	M	105.7	shan hong	204519	jiang hui	210799	2013/05/09	299	190	7/7	1.40	AA	NN	HB6	GG	QQ	LL	Fortune
22	17,000	2	14	82	L	0541-01	F	-	hong jin	208970	ya hong	201788	2013/07/06	241	157	7/7	1.67	AA	NN	HL4	FF	QQ	LL	Hwei Hsing
23	28,000	3	13	105	D	0416-11	M	66.8	ming deus	203479	min xian	203124	2013/05/12	296	185	7/6	1.67	AA	NN	HB6	FF	QQ	LP	Te Hao Hsing

<p>指數 第一名 福星 D1351-06 公 父:0224-01 母:0663-12 生日: 2013/5/9 基因密碼: AA-NN-HB6-GG-QQ-LL 標識者: 楊慶明 成交價: 59,000元</p> 	<p>體型 第一名 輝煌 D0356-04 公 父:1699-03 母:0163-12 生日: 2013/5/16 基因密碼: AA-NN-HB6-FF-QQ-LL 標識者: 葉永偉 成交價: 75,000元</p> 	<p>指數 第一名 大榮興 L0667-11 公 父:0204-09 母:0906-02 生日: 2013/5/20 基因密碼: AA-NN-HL4-FG-QR-LP 標識者: 陳文光 成交價: 44,000元</p> 	<p>體型 第一名 王文前 L1116-17 公 父:0009142 母:0600-03 生日: 2013/5/16 基因密碼: AA-NN-LL2-FF-QQ-LL 標識者: 郭伍伍 成交價: 20,000元</p> 	<p>指數 第一名 輝煌 L0512-11 公 父:1942-10 母:0278-07 生日: 2013/5/16 基因密碼: AA-NN-LL2-FF-QQ-FF 標識者: 蔡修培 成交價: 20,000元</p> 	<p>指數 第一名 山隆 Y0003-02 公 父:3012239 母:0359-09 生日: 2013/5/20 基因密碼: AA-MM-HL3-FF-QQ-FF 標識者: 吳瑞琦 成交價: 15,000元</p> 
<p>體型 第一名 福星 Y0789-02 公 父:0581-02 母:0645-14 生日: 2013/5/18 基因密碼: AA-MM-LL2-FF-QQ-LP 標識者: 藍興鈞科 成交價: 43,000元</p> 	<p>指數 第一名 輝煌 L1752-12 母 父:1034-10 母:1389-14 生日: 2013/7/18 基因密碼: AA-NN-HL4-FF-QQ-LL 標識者: 蔡源達 成交價: 17,000元</p> 	<p>指數 第一名 福星 L1741-12 母 父:1034-10 母:1434-10 生日: 2013/6/28 基因密碼: AA-NN-HL4-FF-QQ-LL 標識者: 蔡源達 成交價: 15,000元</p> 	<p>體型 第一名 祝興 L1523-02 母 父:1300-05 母:0810-06 生日: 2013/7/6 基因密碼: AA-NN-LL2-FF-QQ-LL 標識者: 蔡源達 成交價: 30,000元</p> 	<p>指數 第一名 福星 Y1005-11 母 父:0678-02 母:0487-16 生日: 2013/7/13 基因密碼: AA-MM-LL2-FF-QQ-LL 標識者: 蔡源達 成交價: 15,000元</p> 	<p>體型 第一名 福星 Y1006-13 母 父:0446-02 母:0703-13 生日: 2013/7/21 基因密碼: AA-MM-LL2-FF-QQ-LP 標識者: 蔡源達 成交價: 26,000元</p> 