
2006 National Wagyu Sire Summary

Washington State University, Department of Animal Sciences

Charles T. Gaskins
Washington State University

Introduction

Since we published the 1999 Sire Summary, we have received marbling information on six new Wagyu sires. The progeny of these sires had high marbling scores and has placed them at the high end of the marbling scale. All of the new information we received pertained to marbling, so only the table of marbling Expected Progeny Differences (EPD's) has changed from the previous summary.

Identifying Wagyu sires that excel in marbling and growth traits is important in order to engineer the type of cow-herd and progeny that fit the market and overall goals of the modern beef cattle industry faster. Wagyu cattle appear to be able to attain more marbling and produce lighter calves at birth than other beef breeds in the United States. However, not all animals have the same genetic ability to produce marbling and desirable growth traits. Therefore, in order to produce slaughter animals



with certain live and carcass specifications, only sires with higher genetic potential for those traits should be used.

EPD's are the best estimates that we have of an animal's genetic potential. These estimates take into consideration all information that is available for an animal. The attached tables give EPD's for several carcass and growth traits for a number of Wagyu sires in the United States. All of the information in this summary is based on measurements from half blood Wagyu animals. These animals were raised in contemporary groups (CG's). A contemporary group consists of animals raised under the same management conditions. The

number of progeny and number of contemporary groups for each sire are listed in the summary tables for each trait.

EPD's are not true values, but predictions and we expect them to change with new information. The reliability of an EPD is indicated by its accuracy (ACC), which is reported as a decimal number ranging from 0 to 1.

Accuracy values closer to one indicate that the change in the EPD will be small. When the accuracy is closer to zero, a larger change is expected. Accuracy increases as the number of progeny, sires and contemporary groups increases. A table showing the relationship of possible change values with accuracy values is included.

Contact: Charles T. Gaskins
gaskins@wsu.edu
509-335-6416
116 Clark Hall
Pullman, WA 99164-6310
www.ansci.wsu.edu/programs/wagyu/

2006 Marbling EPD's

Reg. No.	Name	EPD	ACC	No. Prog.	No. CG	Reg. No.	Name	EPD	ACC	No. Prog.	No. CG
FB2101	JVP_Fukutsuru_068	0.70	0.52	79	9	PB415	Black_Jack	-0.10	0.18	19	3
FB5072	Bar_R_Yasufuku_42K	0.45	0.24	9	2	FB102	Judo	-0.15	0.35	6	2
FB2501	Sanjirou	0.39	0.56	254	4	PB538	Kudo	-0.19	0.14	3	3
¹ WSRFS064	Mihashi	0.33	0.37	21	7	PB1338	Fuji_2005	-0.20	0.16	3	4
FB4934	BR_Kitateruyasu- doi_9680	0.33	0.28	11	2	FB101	Rueshaw	-0.24	0.35	11	3
FB6135	BR_Kitateruyasudo_615	0.31	0.18	5	2	PB384	Rimfire_108	-0.25	0.24	48	4
FB1615	Michifuku	0.30	0.60	624	23	PB537	Sato	-0.25	0.26	13	5
FB5055	Bar_R_Fukutsuru_40K	0.24	0.35	17	2	PB408	Masa_112	-0.31	0.25	87	1
¹ WSRFQ062	Kaneyama	0.22	0.43	52	8	FB103	Mazda	-0.31	0.38	18	6
FB4960	BR_Fukutsuru_9670	0.21	0.34	15	2	PB477	Sir_Trave	-0.32	0.16	7	3
FB5056	Bar_R_Sanjirou_44K	0.20	0.37	20	2	PB488	Bonsai	-0.33	0.23	5	2
FB4938	BR_Kitateruyasu- doi_9678	0.19	0.33	16	2	PB388	Judo_Jr.	-0.34	0.42	9	3
FB2892	Takazakura	0.18	0.56	131	9	PB596	Akebono	-0.35	0.19	6	3
FB4296	WSU_Kiri-Maru_318H	0.17	0.35	13	2	PB429	Kansai	-0.35	0.27	15	2
FB4230	Bar_R_DBL_Tak	0.16	0.41	33	3	PB309	Pinkie	-0.40	0.20	91	3
FB4298	WSU_Danzo_348H	0.14	0.36	19	2	PB333	Big	-0.40	0.32	38	3
FB4937	BR_Kitateruyasu- doi_9676	0.13	0.30	12	2	PB476	Lodo's_Sir_Lee	-0.42	0.17	3	4
FB2289	Beijiro	0.13	0.55	153	4	PB310	Kuro_Kin	-0.48	0.39	23	6
FB4232	Bar_R_Michifuku_32H	0.12	0.27	7	2	PB325	Big_Bullie	-0.51	0.33	118	4
FB2102	JVP_Yasutanisakura_931	0.11	0.50	72	7	PB457	Dominator	-0.52	0.26	6	2
FB4226	Bar_R_Michifuku_349H	0.10	0.31	10	2	PB433	Ocho	-0.57	0.26	6	3
¹ WSRFS060	Katsumi	0.08	0.49	159	11	PB412	Yoshi	-0.62	0.31	6	3
² IMCFP117	Genjiro	0.06	0.27	8	2	² CWAPB02	Fame	-0.63	0.30	16	4
PB806	RTR_Onyx_77A	0.02	0.23	15	5	PB389	Little_AI	-0.64	0.21	9	3
FB4958	BR_Hirashigeta- yasu_9645	0.00	0.42	36	2	PB442	Ginza	-0.69	0.20	18	4
PB354	B1_Ramsey	-0.02	0.26	10	2	PB411	Samarai	-0.75	0.42	19	6
FB1614	Haruki_II	-0.07	0.55	178	19	PB331	Alvin	-0.77	0.47	22	18
FB2100	JVP_Kikuyasu_400	-0.10	0.50	75	7	PB595	Konishiki	-1.11	0.35	25	9
PB415	Black_Jack	-0.10	0.18	19	3		Total Progeny			2611	

¹ Australian Wagyu Association

² Canadian Wagyu Association

Approximate Marbling Equivalents

BMS Score	USDA Marbling	Numerical Score
11		14 - 14.9
10		13 - 13.9
9		12 - 12.9
8		11 - 11.9
7	Abundant	10 - 10.9
6	Moderately Abundant	9 - 9.9
5	Slightly Abundant	8 - 8.9
4	Moderate	7 - 7.9
3	Modest	6 - 6.9
2	Small	5 - 5.9
1	Slight	4 - 4.9
	Traces	3 - 3.9
	Practically devoid	2 - 2.9
	Devoid	1 - 1.9

* Beef Marbling Standard (Japanese System)

Possible Change Values for Marbling EPD

Accuracy	Possible Change
0.0	0.32
0.1	0.29
0.2	0.26
0.3	0.23
0.4	0.19
0.5	0.16
0.6	0.13
0.7	0.10
0.8	0.06
0.9	0.03
1.0	0.00

Trait	EPD Ranges			
	Average	SD	Lowest	Highest
Birth Wt.	- 0.31	3.9	- 6.1	+ 6.1
Weaning Wt.	- 5.80	21.6	- 27.7	+ 22.1
Marbling Score	- 0.13	0.37	-1.11	+ 0.70
Ribeye Area	- 0.18	0.37	- 0.67	+ 0.59
External Fat	0.017	0.05	- 0.13	+ 0.17

Trait	Phenotypic Averages				
	Mean	SD	Lowest	Highest	No.Prog.
Birth Wt.	77	11	38	122	766
Weaning Wt.	503	67	319	677	432
Marbling Score	7.74	1.83	1	15.0	2745
Ribeye Area	14.5	1.68	10	19.5	459
External Fat	0.72	0.32	0.1	1.75	452

2006 Fat Thickness EPDs

AWA No.	Name	EPD	ACC	No. Prog	No. CG
FB2100	JVP_Kikuyasu_400	-0.130	0.48	54	5
FB2124	HB_Shigemaru	-0.054	0.18	4	1
PB595	Konishiki	-0.048	0.37	21	4
FB4230	Bar_R_DBL_Tak	-0.045	0.17	14	1
FB2102	JVP_Yasutanisakura_931	-0.040	0.42	33	5
FB1615	Michifuku	-0.036	0.49	52	5
FB2455	HB_Hikari	-0.029	0.21	5	1
FB2409	TF_Terutani	-0.009	0.11	2	1
FB2299	TF_Kinto	-0.006	0.14	3	1
CWAPB02	Fame	-0.005	0.34	16	2
FB2125	HB_Tamamaru	0.004	0.24	6	1
FB101	Rueshaw	0.005	0.37	13	4
FB2294	TF_Itohana_2	0.015	0.20	5	1
PB384	Rimfire_108	0.017	0.19	3	2
PB486	Ferdinand	0.023	0.21	2	1
PB411	Samarai	0.027	0.19	2	1
FB102	Judo	0.027	0.40	10	3
FB103	Mazda	0.028	0.43	24	5
PB327	107	0.029	0.26	4	1
FB2127	TF_Kikuhana_037	0.033	0.11	3	1
PB429	Kansai	0.034	0.14	3	1
FB2126	TF_Itomichi_1/2	0.035	0.15	3	1
PB433	Ocho	0.038	0.20	5	1
FB1614	Haruki_II	0.040	0.23	6	3
PB388	Judo_Jr.	0.042	0.41	28	3
PB522	Tokyo	0.043	0.17	3	1
PB488	Bonsai	0.050	0.30	13	3
PB806	RTR_Onyx_77A	0.057	0.23	5	1
PB441	Kobeef_K	0.090	0.24	10	2
FB2101	JVP_Fukutsuru_068	0.103	0.41	33	5
PB331	Alvin	0.173	0.42	67	7
	Total Progeny			452	

2006 Ribeye Area EPDs

AWA No.	Name	EPD	ACC	No. Prog	No. CG
FB2100	JVP_Kikuyasu_400	0.59	0.44	54	5
FB1615	Michifuku	0.53	0.46	51	5
FB2102	JVP_Yasutanisakura_931	0.49	0.38	33	5
FB1614	Haruki_II	0.47	0.20	6	3
FB2127	TF_Kikuhana_037	0.27	0.08	3	1
FB2124	HB_Shigemaru	0.13	0.15	4	1
FB2294	TF_Itohana_2	0.06	0.16	5	1
FB2299	TF_Kinto	0.04	0.11	3	1
FB2125	HB_Tamamaru	0.03	0.20	6	1
FB2126	TF_Itomichi_1/2	-0.01	0.13	3	1
FB2409	TF_Terutani	-0.02	0.09	2	1
FB4230	Bar_R_DBL_Tak	-0.11	0.13	14	1
FB2455	HB_Hikari	-0.14	0.18	5	1
FB101	Rueshaw	-0.16	0.33	13	1
PB411	Samarai	-0.24	0.17	2	1
PB388	Judo_Jr.	-0.26	0.37	28	3
PB384	Rimfire_108	-0.28	0.16	3	2
PB486	Ferdinand	-0.30	0.18	2	1
CWAPB02	Fame	-0.31	0.30	16	2
FB103	Mazda	-0.32	0.39	24	5
FB2101	JVP_Fukutsuru_068	-0.33	0.38	33	5
PB327	107	-0.37	0.23	4	1
PB522	Tokyo	-0.39	0.14	3	1
PB488	Bonsai	-0.42	0.27	13	3
PB433	Ocho	-0.48	0.17	5	1
FB102	Judo	-0.50	0.37	11	3
PB331	Alvin	-0.51	0.38	73	8
PB595	Konishiki	-0.60	0.32	21	4
PB1338	Fuji_2005	-0.62	0.09	2	1
PB806	RTR_Onyx_77A	-0.67	0.20	5	1
	Total Progeny			460	

1999 Birth Weight EPDs

Reg. No.	Name	EPD	ACC	No. Pro	No. CC
FB2409	TF Terutani	-6.0	0.39	21	4
FB2100	JVP Kikuyasu 400	-4.6	0.40	24	4
FB2102	JVP Yasutanisakura 931	-4.4	0.42	26	4
PB595	Konishiki	-3.6	0.47	65	6
FB1614	Haruki II	-3.5	0.34	17	2
FB2294	TF Itohana 2	-3.1	0.41	26	4
FB2299	TF Kinto	-2.2	0.42	26	4
PB522	Tokyo	-2.1	0.37	17	4
FB2101	JVP Fukutsuru 068	-2.0	0.26	9	4
FB104	Mt. Fuji	-1.3	0.38	7	3
PB1338	Fuji 2005	-1.2	0.27	13	2
FB102	Judo	-1.1	0.49	33	6
PB596	Akebono	-1.0	0.38	32	7
PB433	Ocho	-0.9	0.30	17	2
PB388	Judo Jr.	-0.7	0.38	25	6
PB331	Alvin	-0.5	0.48	67	11
PB488	Bonsai	-0.4	0.38	32	4
PB384	Rimfire 108	-0.2	0.27	9	2
PB327	107	0.1	0.40	19	5
FB2455	HB Hikari	0.1	0.30	11	4
FB2126	TF Itomichi 1/2	0.2	0.40	23	4
PB806	Onyx RTR 77A	0.7	0.41	31	5
PB486	Ferdinand	1.1	0.31	8	2
FB103	Mazda	1.3	0.50	42	9
FB1615	Michifuku	1.5	0.35	21	2
FB2125	HB Tamamaru	1.8	0.31	12	4
FB2998	HB Big Al	2.5	0.23	15	2
PB441	Kobeef K	2.8	0.31	18	2
FB2127	TF Kikuhana 037	2.8	0.34	16	4
CWAPB02	Fame	3.9	0.33	17	2
FB101	Rueshaw	4.2	0.47	32	8
FB2124	HB Shigemaru	6.1	0.42	35	6
	Total Progeny			766	

1999 Weaning Weight EPDs

Reg. No.	Name	EPD	ACC	No. Pro	No. CC
FB2124	HB Shigemaru	22.1	0.37	17	4
FB2125	HB Tamamaru	7.8	0.30	11	4
FB2127	TF Kikuhana 037	6.8	0.33	15	4
CWAPB2	Fame	6.1	0.31	17	2
FB2455	HB Hikari	5.1	0.30	11	4
FB101	Rueshaw	5.0	0.45	30	8
FB103	Mazda	2.9	0.43	23	6
FB2101	JVP Fukutsuru 068	2.5	0.26	9	4
FB1615	Michifuku	-1.0	0.32	19	2
PB806	RTR Onyx 77A	-1.3	0.33	13	3
FB2100	JVP Kikuyasu 400	-2.0	0.38	22	4
FB2102	JVP Yasutanisakura 931	-2.9	0.40	22	4
PB488	Bonsai	-6.5	0.30	13	2
FB2126	TF Itomichi 1/2	-8.2	0.38	20	4
PB486	Ferdinand	-8.6	0.30	8	2
FB2299	TF Kinto	-10.3	0.40	24	4
PB327	107	-12.5	0.35	13	4
FB102	Judo	-12.8	0.41	18	4
PB331	Alvin	-13.5	0.36	25	4
FB2409	TF Terutani	-14.4	0.37	18	4
PB522	Tokyo	-14.5	0.36	17	4
PB388	Judo Jr.	-14.6	0.27	9	2
FB104	Mt. Fuji	-15.9	0.33	6	2
PB595	Konishiki	-20.5	0.27	11	2
FB2294	TF Itohana 2	-21.3	0.40	25	4
PB433	Ocho	-27.7	0.29	16	2
FB2124	HB Shigemaru	22.1	0.37	17	4
	Total Progeny			432	