2013 National Wagyu Sire Summary
Washington State University, Department of Animal Sciences

Introduction

We have published Wagyu Sire summaries over the years when we have been able to obtain progeny information that can be used to make genetic comparisons among animals. The last available summary was dated 2012 and was posted on the American Wagyu Association web site. We have received carcass information on 158 progeny (74 steers and 84 heifers) from 2 additional Wagyu sires. The progeny of these sires had high marbling scores and has placed them at the high end of the marbling scale. The new data includes information for marbling, back fat and ribeye area.

Identifying Wagyu sires that excel in marbling and growth traits is important in order to engineer the type of cowherd 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 and contemporary groups increases.

The total number of animals with marbling data was 2,897, with external fat data was 744 and 691 for ribeye area.

These EPD's were computed using a system called abtk at the Center for Genetic Evaluation of Livestock (CGEL) in the Animal Science Department at Colorado State University. Thank you to Dr. Mark Enns the director of CGEL.

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2013 Marbling EPDs

AWA#	Name	No. Contemp. Groups	No. of Progeny	EPD	Accuracy
FB2101	JVP_Fukutsuru_068	9	79	0.59	0.54
FB5072	Bar_R_Yasufuku_42K	3	27	0.53	0.39
FB6185	BAR_R_Ichiro_31R	2	18	0.43	0.34
FB8994	BAR_R_Itoshigenami_48U	2	34	0.36	0.39
FB8177	Bar_R_ShigeshigetaniI_30T	2	26	0.33	0.36
FB4954	Bar_R_Takasuru_1_K	2	15	0.33	0.33
FB6521	BR_Itomichi/0602_4632	2	14	0.32	0.29
FB2501	Sanjirou	4	254	0.28	0.58
FB5663	Bar_R_Sanjirou_4P	2	9	0.28	0.28
FB4934	BR_Kitateruyasudoi_9680	3	21	0.27	0.38
FB6135	BR_Kitateruyasudoi_615	3	9	0.26	0.29
FB5665	Bar_R_12P_Takazakura	1	7	0.26	0.12
FB5267	BR_Kitateruyasudoi_632	2	21	0.23	0.33
FB1615	Michifuku	23	624	0.21	0.62
FB7721	Bar_R_DBL_Suzutani_59T	2	29	0.20	0.40
PB354	B1_Ramsey	1	38	0.20	0.27
FB6152	BR_Michifuku_1604	1	18	0.19	0.34
FB5836	BR_Michifuku_1628	1	11	0.19	0.30
FB4938	BR_Kitateruyasudoi_9678	2	16	0.17	0.35
FB5055	Bar_R_Fukutsuru_40K	2	17	0.16	0.36
FB4960	BR_Fukutsuru_9670	2	15	0.15	0.35
FB5056	Bar_R_Sanjirou_44K	2	20	0.14	0.39
FB6186	BAR_R_Ichiro_32R	2	17	0.14	0.34
FB4955	Bar_R_Michisuru_2_K	2	17	0.11	0.34
FB4937	BR_Kitateruyasudoi_9676	2	12	0.10	0.32
PB806	RTR_Onyx_77A	5	15	0.09	0.25
FB2892	Takazakura	9	131	0.08	0.58
FB4232	Bar_R_Michifuku_32H	2	7	0.06	0.29
FB4296	WSU_Kiri-Maru_318H	2	13	0.05	0.35
PB6719	Bar_R_10S	2	18	0.04	0.33
FB2289	Beijiro	4	153	0.03	0.56
FB4230	Bar_R_DBL_Takazakura_30H	10	108	0.03	0.55
FB2102	JVP_Yasutanisakura_931	7	72	0.03	0.51
FB4298	WSU_Danzo_348H	2	19	0.03	0.39
FB6154	Kanayama	11	159	0.01	0.50
FB4226	Bar_R_Michifuku_349H	2	10	-0.01	0.33
PB415	Black_Jack	4	6	-0.03	0.20
FB7879	BAR_R_JIRO_22T	2	32	-0.05	0.41
FB4958	BR_Hirashigetayasu_9645	2	36	-0.06	0.45
FB102	Judo	2	6	-0.08	0.35
PB1338	Fuji_2005	4	8	-0.10	0.17
FB1614	Haruki_II	19	178	-0.13	0.56

2013 Marbling EPDs continued

AWA#	Name	No. Contemp. Groups	No. of Progeny	EPD	Accuracy
PB537	Sato	6	13	-0.15	0.27
FB2100	JVP_Kikuyasu_400	7	75	-0.17	0.52
PB384	Rimfire_108	3	10	-0.17	0.24
FB101	Rueshaw	5	11	-0.18	0.36
PB408	Masa_112	2	9	-0.23	0.27
PB488	Bonsai	2	7	-0.24	0.25
PB476	Lodos_Sir_Lee	4	6	-0.25	0.20
PB596	Akebono	3	6	-0.27	0.21
FB103	Mazda	6	18	-0.28	0.39
PB429	Kansai	3	19	-0.28	0.28
PB388	Judo_Jr.	5	48	-0.31	0.44
PB333	Big_Red	3	22	-0.33	0.34
FB5972	BR_Takazakura_606_3612	2	10	-0.36	0.26
PB310	Kuro_Kin	7	91	-0.39	0.41
PB325	Big_Bullie	4	23	-0.43	0.34
PB457	Dominator	2	18	-0.43	0.27
PB433	Ocho	3	15	-0.48	0.27
PB412	Yoshi	3	19	-0.54	0.33
PB389	Little_Al	4	9	-0.56	0.22
PB442	Ginza	4	6	-0.61	0.20
PB411	Samarai	7	87	-0.67	0.44
PB331	Alvin	23	118	-0.68	0.49
PB595	Konishiki	9	25	-1.04	0.36
	Total Progeny		2897		

2013 External Fat EPDs

AWA#	Name	No. Contemp. Groups	No. of Progeny	EPD	Accuracy
FB2100	JVP_Kikuyasu_400	5	54	-0.12	0.45
FB8177	Bar_R_Shigeshigetanil_30T	2	26	-0.12	0.34
FB5836	BR_Michifuku_1628	1	11	-0.09	0.28
FB4230	Bar_R_DBL_Takazakura_30H	8	74	-0.08	0.48
FB7721	Bar_R_DBL_Suzutani_59T	2	29	-0.07	0.34
FB5663	Bar_R_Sanjirou_4P	2	9	-0.07	0.22
FB1615	Michifuku	5	52	-0.05	0.48
PB595	Konishiki	4	21	-0.05	0.33
FB6152	BR_Michifuku_1604	1	18	-0.05	0.31
FB4934	BR_Kitateruyasudoi_9680	1	10	-0.05	0.24
FB2102	JVP_Yasutanisakura_931	5	33	-0.03	0.39
FB5072	Bar_R_Yasufuku_42K	1	18	-0.03	0.29
FB5972	BR_Takazakura_606_3612	2	10	-0.03	0.23
FB101	Rueshaw	4	13	-0.01	0.32
FB4954	Bar_R_Takasuru_1_K	2	15	-0.01	0.29
FB4955	Bar_R_Michisuru_2_K	2	9	0.01	0.25
FB5267	BR_Kitateruyasudoi_632	2	11	0.01	0.23
FB103	Mazda	5	24	0.02	0.39
FB102	Judo	3	10	0.02	0.36
FB1614	Haruki_II	3	6	0.02	0.21
FB6186	Bar_R_Ichiro_32R	2	17	0.03	0.32
PB488	Bonsai	3	13	0.03	0.28
PB433	Ocho	1	5	0.03	0.18
PB388	Judo_Jr.	3	28	0.04	0.37
FB5665	Bar_R_12P_Takazakura	1	7	0.04	0.09
PB806	RTR_Onyx_77A	1	5	0.05	0.21
FB7879	Bar_R_Jiro_22T	2	32	0.06	0.38
PB6719	Bar_R_10S	2	18	0.06	0.31
FB8994	Bar_R_Itoshigenami_48U	2	34	0.08	0.37
FB6521	BR_Itomichi/0602_4632	2	14	0.09	0.27
FB2101	JVP_Fukutsuru_068	5	33	0.12	0.41
FB6185	Bar_R_Ichiro_31R	2	18	0.13	0.32
PB331	Alvin	7	67	0.15	0.39
	Total Progeny		744		

2013 Ribeye Area EPDs

AWA#	Name	No. Contemp. Groups	No. of Progeny	EPD	Accuracy
FB8177	Bar_R_Shigeshigetani_30T	2	26	1.08	0.34
FB6152	BR_Michifuku_1604	1	18	0.84	0.31
FB1614	Haruki_II	3	6	0.58	0.21
FB1615	Michifuku	5	51	0.55	0.48
FB2100	JVP_Kikuyasu_400	5	54	0.51	0.45
FB2102	JVP_Yasutanisakura_931	5	33	0.43	0.39
FB5267	BR_Kitateruyasudoi_632	2	8	0.38	0.20
FB5072	Bar_R_Yasufuku_42K	1	18	0.35	0.29
FB5836	BR_Michifuku_1628	1	11	0.30	0.28
FB7721	Bar_R_DBL_Suzutani_59T	2	29	0.29	0.34
FB6186	Bar_R_Ichiro_32R	2	17	0.20	0.32
FB8994	Bar_R_Itoshigenami_48U	2	34	0.16	0.37
FB4934	BR_Kitateruyasudoi_9680	1	10	0.12	0.24
FB4955	Bar_R_Michisuru_2_K	2	10	0.11	0.25
FB5972	BR_Takazakura_606_3612	2	10	0.09	0.23
FB101	Rueshaw	4	13	-0.02	0.32
FB4230	Bar_R_DBL_Takazakura_30H	8	75	-0.11	0.48
FB5665	Bar_R_12P_Takazakura	1	7	-0.18	0.09
FB103	Mazda	5	24	-0.27	0.39
PB388	Judo_Jr.	3	28	-0.27	0.37
FB4954	Bar_R_Takasuru_1_K	2	15	-0.30	0.29
FB6185	Bar_R_Ichiro_31R	2	18	-0.33	0.32
PB488	Bonsai	3	13	-0.36	0.28
FB7879	Bar_R_Jiro_22T	2	32	-0.36	0.38
PB6719	Bar_R_10S	2	18	-0.43	0.31
PB331	Alvin	8	73	-0.46	0.39
FB2101	JVP_Fukutsuru_068	5	33	-0.50	0.41
FB102	Judo	3	11	-0.50	0.37
FB6521	BR_Itomichi/0602_4632	2	14	-0.67	0.27
	Total Progeny		691		