LONE MOUNTAIN CATTLE COMPANY

TAKE YOUR HERD BEYOND PRIME

FULLBLOOD WAGYU FEMALE SALE

MAY 17 2014

EXPO NEW MEXICO
ALBUQUERQUE, NEW MEXICO

PRIME YOUR HERD

For more information, contact **Robert and Mary Lloyd Estrin** (Owners) 505 281 1432 LoneMountainCattle.com

A WARM WELCOME
THE ESTRIN FAMILY & LMR STAFF

WELCOME TO THE 2014 LONE MOUNTAIN FEMALE FULLBLOOD WAGYU PRODUCTION SALE!

After the three Production Sales of 2008, 2009 and 2010, we have been funneling our energies in developing LMW's Fullblood Wagyu Beef Sales. Once we found ourselves with over 400 Fullblood females on the property, we decided to spread the wealth and offer over 100 females for sale to the rapidly growing US Wagyu community.

This sale catalog contains an explanation and results of BREEDPLAN Group analysis; Japanese 16-16 Analysis of Wagyu pedigrees; and an updated Takeda Rotational Breeding Program, including for the first time the battery of Lone Mountain Sires.

Since 2008 we have been continuing to collect data on all of our animals up to and including the endpoint at the harvest plant. We scan by ultrasound for IMF%, REA, rib and back fat measurements. We then submit the relevant numbers to BREEDPLAN, who sends us monthly reports comparing our herd, animal by animal, with 2013 data collected from 3,871 sires; 37,641 dams and scans on 5,284 heifers.

In addition, as many of you know, we purchased a carcass camera and software developed by Dr. Keigo Kuchida, a Japanese meat scientist who has spent over 25 years studying Wagyu as it relates to nutrition and the Japanese Beef Marbling Standard. Over the past three years we have imaged over 150 carcasses and analyzed the results on Dr Kuchida's software. The data (and the resulting calculations) speaks for itself – all of the images are taken from the same distance, under the same lighting conditions, with the same digital SLR camera. For the first time, we are publishing in this catalog our own LMCC Sire Performance Study based on the nearly three years of data collection.

One lesson has been a revelation. We have learned the value of the dam. For three years we've paid attention primarily to the sires in making breeding decisions. We have overlooked and vastly undervalued the importance of the female in Wagyu breeding.

We've learned from key Japanese literature that, historically according to Ryo Inoue (Pedigree Breeding of Tajima Cattle), "People were not interested in the sires. The sires just existed for mating." And Professor K. Namikawa, formerly Executive Director of the Japanese Wagyu Registry, in The Breeding History of Wagyu,

"All strains were founded as maternal strains, because reproductive and growth performance records were observed only for females…"

In sum, since more attention needs to be placed on the dam, and the dam's sire, there is all the more reason to pay attention to this distinguished group of females. The buyer should recognize that no matter what sire the dam is joined or mated to, the dam's sire will always be the same and a significant force in future progeny.

Lone Mountain's mission remains the same: to generate and maintain the best Wagyu herd possible and to secure that excellence by passing along as much information as feasible to other Wagyu breeders, both new and old. We at Lone Mountain appreciate Wagyu as the elite carcass breed and are thrilled to be part of the growing movement to bring the highest quality beef to the consumer.

We are happy to continue to spread the "Wagyu gospel" and to offer up this outstanding group of females and pass on the excellence to the community. We believe that the quality genetics you will find in these pages and at our sale can make a significant difference in your herd.

Please join us for a reception the evening before Sale Day at the Crowne Plaza Hotel where we will serve Lone Mountain Wagyu Sliders – and for the Wagyu lunch at EXPO NM Beef Barn just preceding the sale.

We look forward to our first Female Fullblood Wagyu Production Sale and intend once again to live up to your high expectations and meet our traditional standard of excellence.

We are delighted to welcome you once again to the Land of Enchantment, New Mexico.

Warmly – Bob and Mary Estrin

ESTRIN FAMILY
Bob and Mary Lloyd Estrin, Zoe Lloyd Foxley, Griff Foxley, Jesse Estrin, Eliot Estrin, Hazel Foxley and Gus Foxley.

LMR STAFF
Stanley Hartman (Ranch Manager), Gaylon Miller (Herdsman), Tina Baschieri (Administration), Daniel Montana, Lloyd Chicotle, Earl Brayman (Ranch Hands).

SALE MANAGED BY

James Danekas & Associates, Inc.
P.O. Box 410, Wilton, CA 95693

We will be at the sale site from May 13, 2014 through the completion of the sale.

James A. Danekas
916 837 1432

Mercedes Danekas-Lohse
916 849 2725

AUCTIONEER

Butch Booker, Colfax, WA	509 989 2855

REPRESENTATIVES

Michael Beattie, *American Wagyu Association*	208 262 8100
Logan Ipsen, *Western Livestock Journal*	916 947 2392
James A. Danekas, *Western Cowman Magazine*	916 837 1432
Caren Cowan, *New Mexico Stockman*	505 243 9515
Katie Colyer, *LiveAuctions TV*	208 599 2962
Kyle Colyer, *Special Representative*	208 250 3924
Bill Angell, *Special Representative*	970 396 3557

Buyers unable to attend may contact Robert Estrin, Stan Hartman, the Sale Management, Auctioneer, or any of the representatives for assistance in bidding.

SUPPLEMENTAL INFORMATION

A supplement sheet will be available on sale day with updated information.

HERD HEALTH

Lone Mountain Ranch has an aggressive herd health program overseen by Chris Brasmer, DVM. All females over six months are Brucellosis vaccinated. Mature females will be Brucellosis tested. All cattle will be TB and BVI PI tested. Interstate health papers furnished by Dr. Brasmer on all sold cattle.

BRAND INSPECTION

A NM Brand Inspector will be on site to issue Brand Inspection Certificates to allow for immediate shipment.

TERMS & CONDITIONS

Cattle will sell under the standard terms and conditions. You will have the 100% guarantee from Lone Mountain Ranch. Any announcements from the block take precedence over any printed material.

DELIVERY

Although shipping is the buyer's responsibility, we will be glad to assist you in making the best possible arrangements. Randy Lathrop, Lathrop Trucking, Dundee, IL, will have a semi at the sale site to load cattle out on Sunday, May 18. All cattle hauled by Lathrop must be insured. Other reliable truckers will also be available. We ask that cattle be removed on Sunday. Those that cannot will be taken back to Lone Mountain Ranch.

LIVESTOCK MORTALITY INSURANCE

A representative of American Livestock Insurance Co. will be available to assist you with mortality insurance for your purchases.

FOOD & REFRESHMENTS

A pre-sale get-together will be held 5:00 PM to 7:00 PM on May 16, 2014 at the **Sale Headquarters, Crowne Plaza Hotel, 1901 University Blvd NE, Albuquerque, NM, 505 884 2500**. All are invited. Coffee, juices and donuts will be available Sale Day morning. A Mexican-style Lone Mountain Wagyu lunch will be served Sale Day.

SCHEDULE & ACCOMMODATIONS

Please see the inside back cover for other accommodations in the Albuquerque area.

AIR TRANSPORTATION

Many international air carriers service the Albuquerque airport.

INSPECTION OF CATTLE

Cattle will be available at the sale site from May 14 through the completion of the sale. Prior inspection may be made at Lone Mountain Ranch, Golden, NM.

GENETIC CONDITIONS

All cattle selling are free from any known genetic condition by pedigree or test.

SALE DAY PHONES

James A. Danekas	916 837 1432
Mercedes Danekas-Lohse	916 849 2725
Bob Estrin	310 339 9652
Griff Foxley	646 325 0919

LIVEAUCTIONS TV

Live on the Internet, Live Audio, Video Bidding LiveAuctions.TV Real-time bidding is available via the internet. Live audio and live video will allow registered buyers to bid on the animals just as they were present the sale day. A buyer account must be created prior to the sale. Please visit http://www.liveauctions.tv to create an account and request a bidder number. Instructions are available to walk you through the account set up process. If you cannot attend the sale because of weather, distance or business conflicts, please use LiveAuctions.tv. Buyers who would like to bid via internet must register with LiveAuctions.tv two days prior to the sale. If you have questions, please contact **Katie Colyer 208 599 2962**.

LOT NUMBERS

The sale lot tags will correspond with the catalog. Calves along side will be "A" lots.

FOREIGN BUYERS

Purchases are FOB Golden, NM. Necessary health work will be completed by Lone Mountain Ranch to satisfy Canadian and Mexican requirements. Lone Mountain Ranch cannot guarantee that purchases will pass all the necessary tests for export. Note: embryos in this sale catalog are not qualified for export outside the continental United States.

LIABILITY

All persons attending this sale, do so at their own risk, legal or otherwise for their safety and the behavior of the animals. The Owners, Management and Sale Staff assume no responsibility or liability for property loss or any accidents that may occur.

2014 LONE MOUNTAIN SIRE PERFORMANCE STUDY

Our mission is to raise the highest quality Fullblood Wagyu herd possible and to secure that excellence by sharing information and practices with the growing Wagyu community. Having collected real carcass data on all of the LMW harvests at O'Neill's Packing Plant in Omaha since June 2010, we feel that it is an appropriate and important time to share our findings with other Wagyu breeders. We hope it is of assistance in planning matings.

Below, we have ranked the top sires, mostly foundation sires, in order of their marbling quality performance. We are also publishing a listing of the Dam Sires, in order – and rankings based on the USDA Grading, Carcass Weight and Ribeye Area. We have segregated the list so that only those for whom we have a significant number of samples are on the list – and those for whom there is simply not enough data, we have left off. We are becoming aware of trends – and realize that this is just the beginning. We have much more data to collect.

Those with a keen eye will notice how different the rankings by IMF% and by USDA Grade appear, even though they are meant to measure the same thing (marbling). Were we to chart the Sire Rankings by BMS score that is affixed by the Packing Plant grader, you would notice a similar, wild fluctuation of results. It is for exactly this reason that we invested in the carcass camera created by Dr. Kuchida; the measurements of BMS and USDA Grade are simply too dependent upon subjective opinions that are subject to human whim and errors. They are, in our opinion, not a yard stick by which to measure herd investment and mating choices. The IMF% measured by machine offers objective precision that is unmatched.

THIRTEEN SIRES RANKED BY IMF%

Intramuscular Fat Percentage (IMF%) is the amount of marbling in the ribeye as a percentage of total meat surface area, as measured objectively by Dr. Kuchida's Carcass Camera. Standard Deviation (STDEV) indicates the amount to which the samples deviate from the average IMF% - thus, a smaller STDEV indicates the IMF% of samples of a sire are closer to that average IMF%. Sires with 5 or fewer samples are omitted.

	SIRE	AVG IMF%	NO. IMAGES ANALYZED	STDEV
1	**KITAGUNI JR**	**35.31%**	**9**	7.53%
2	**YASUFUKU JR**	**33.10%**	**9**	8.81%
3	**TF148**	**32.85%**	**9**	4.37%
4	**LMR TOSHIRO 1-3**	**31.26%**	**10**	6.56%
5	**TF ITOHANA 2**	**30.92%**	**13**	5.21%
6	**SHIGESHIGETANI**	**30.57%**	**7**	6.51%
7	**LMR YOJIMBO**	**29.64%**	**12**	7.18%
8	**BM HIKOSHI-Y342**	**28.54%**	**7**	4.87%
9	**TF147**	**26.10%**	**8**	8.19%
10	**LMR SANJIROU 603S**	**25.69%**	**8**	6.83%
11	**ETJ001**	**23.47%**	**14**	6.03%
12	**HIRASHIGE-Z278**	**23.24%**	**10**	3.74%
13	**HARUKI II**	**22.07%**	**7**	5.85%

SEVEN DAM SIRES RANKED BY IMF%

	DAM'S SIRE	AVG IMF%	NO. IMAGES ANALYZED	STDEV
1	**YASUFUKU JR**	**35.04%**	**13**	6.57%
2	**LMR SANJIROU 4P**	**31.17%**	**8**	6.93%
3	**ITOMICHI 1-2**	**28.96%**	**7**	5.22%
4	**SANJIROU**	**28.83%**	**25**	6.95%
5	**MICHIFUKU**	**28.34%**	**41**	6.66%
6	**TAKAZAKURA**	**24.85%**	**8**	8.25%
7	**JVP 068**	**22.61%**	**7**	5.43%

FIFTEEN SIRES RANKED BY USDA GRADE

Affixed by USDA reps at the time of fabrication, USDA (marbling) Grading Scores range from SM (Small) to VAB (Very Abundant), with ranges in each quality from 0-100. The full breakdown of potential USDA Grade Scores follows, and for purposes of averaging, we have tranposed these USDA scores to numbers. Sires with 6 or fewer samples are omitted.

SM	**EQUALS**	**(200) — (100)**	**SM=SMALL**
SMOD	**EQUALS**	**(100) — 000**	**SMOD=SLIGHTLY MODERATE**
MOD 0-100	**EQUALS**	**000 — 100**	**MOD=MODERATE**
SLA 0-100	**EQUALS**	**100 — 200**	**SLA=SLIGHTLY ABUNDANT**
MDA 0-100	**EQUALS**	**200 — 300**	**MDA=MODERATELY ABUNDANT**
AB 0-100	**EQUALS**	**300 — 400**	**AB=ABUNDANT**
VAB 0-100	**EQUALS**	**400 — 500**	**VAB=VERY ABUNDANT**

EXAMPLES:
SMOD30 = Slighly Moderate = -30 or (30)
AB30 = Abundant 30 = +330 or 330

	SIRE	NUMBER	USDA GRADE
1	TF 148	9	398.75
2	YASUFUKU JR	11	382.73
3	ITOHANA 2	13	353.08
4	TOSHIRO 1-3	10	352.00
5	YOJIMBO	12	351.67
6	SHIGESHIGETANI	7	342.86
7	KITAGUNI JR	13	341.54
8	SANJIROU	7	340.00
9	BM HIKOSHI-Y342	7	340.00
10	TF 147	8	278.33
11	ETJ001	14	263.57
12	HIRASHIGE-Z278	11	257.27
13	LMR SANJIROU 603S	8	246.25
14	MICHIFUKU	7	235.00
15	HARUKI II	7	179.86

FIFTEEN SIRES RANKED BY RIBEYE AREA (REA) BY SQUARE INCHES

Affixed by USDA reps at the time of fabrication, Ribeye Eye Muscle Area (REA) is a measure of ribeye size and, thus, the greater the REA, the greater the yield of meat. Sires with 6 or fewer samples are omitted.

	SIRE	NUMBER	REA
1	SANJIROU	7	14.83
2	YASUFUKU JR	11	14.67
3	ETJ001	14	14.65
4	HIKOSHI-Y342	8	14.44
5	SHIGESHIGETANI	9	14.32
6	TOSHIRO 1-3	10	14.26
7	HIRASHIGE-Z278	11	14.10
8	LMR SANJIROU 603S	8	14.03
9	TF148	9	13.88
10	ITOHANA 2	13	13.77
11	HARUKI II	7	13.77
12	YOJIMBO	12	13.66
13	TF147	8	13.39
14	MICHIFUKU	7	13.18
15	KITAGUNI JR	13	12.95

FIFTEEN SIRES RANKED BY CARCASS WEIGHT

Carcass Weight (self-explanatory) is measured at the time of kill. Sires with 6 or fewer samples are omitted.

	SIRE	NUMBER	CARCASS WEIGHT
1	TOSHIRO 1-3	10	1058
2	TF147	8	971
3	HIKOSHI-Y342	8	968
4	ITOHANA 2	13	945
5	ETJ001	14	935
6	YOJIMBO	12	922
7	HIRASHIGE-Z278	11	921
8	TF148	9	915
9	LMR SANJIROU 603S	8	915
10	YASUFUKU JR	11	892
11	MICHIFUKU	7	879
12	SHIGESHIGETANI	10	877
13	HARUKI II	7	858
14	SANJIROU	7	852
15	KITAGUNI JR	13	827

A ROTATIONAL BREEDING PROGRAM

For breeders who are influenced by the Rotational Breeding System as promoted by Mr. Shogo Takeda, whether for Hybrid Vigor or other reasons, an updated version follows, including for the first time the battery of Lone Mountain Cattle Company Sires. The simple system consists of sires being divided into groups (either Marbling or Frame). There are just two rules:

First – **Cows by "Frame" Sires should be bred to "Marbling" Sires**

And

Second – **Cows by "Marbling" Sires should be bred to "Frame" Sires**

A sire is determined to be of one of these two groups by a straightforward and effective assessment tool: the Japanese 16/16 Analysis. First, the combination of key regional Wagyu strains is identified over four generations in an individual's pedigree. Second, the combinations are analyzed for those strains' particular likely outcomes. With that analysis in mind, successful breeding choices are made clear.

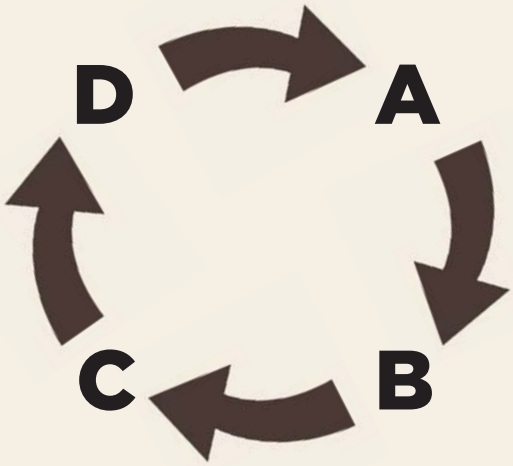
We believe in the definition of "successful breeding" put forth by Kenichi Ono in his book 100 Elite Wagyu Sires in Japan, Volumes I-III. This sentiment is echoed by Takao Suzuki and Mike Buchanan at the Australian Wagyu Forum in their explanation of this tool: Successful breeding of Wagyu is to:

1. Understand the characteristics of each strain
2. Plan combinations to cover weak points of individual strains
3. Don't over-emphasize one strain.

In this way, we use 16/16 Analysis to get a predictive sense of the outcome of breeding one animal's combination of traits to another.

As a point of reference, the following major strains and sub-strains of Japanese Black Wagyu commonly have these traits respective to them:

- **Okayama** (**Shimomae**): Large Frame
  Sub-strains: **Shimomae**, **Kiyokuni**, **Fujiyoshi**, **Itozakura**
- **Shimane**: Outstanding Structure, Strong Length, Depth, and Good Milk
  Sub-strain: **Itozakura**
- **Tottori**: Large Frame, Superior Meat (Marbling) Quality, Good Milking
  Sub-strains: **Eiko**, **Kedaka**
- **Hyogo** (**Tajima**): Superior Marbling, Most Popular
  Sub-strains: **Yasumi Doi**, **Kikumi Doi** (aka **Kikuteru Doi**), **Oku Doi**, **Shigakananemi** (aka **Kumanami**), **Shiroiti**, **Kanemon**



THE ROTATIONAL BREEDING SYSTEM GROUPS ARE LISTED BELOW:

GROUP A FRAME SIRES ARE:

TF ITOHANA 2
ITOSHIGENAMI TF147
ITOMORITAKA ETJ002

GROUP C FRAME SIRES ARE IDENTIFIED AS:

KITAGUNI JR
TAKAZAKURA
TF ITOMICHI 1-2
ITOZURUDOI TF151
WW HIRASHIGETAYASU Z278

And LMR Sires:

LMR KENICHI 807T
LMR TOSHIRO 1-3 723T
BAR R TAKAZAKURA 12P
LMR SENSEI 817T
LMR MICHIRO 0193X
LMR MASAHIKO 1250Y (YASUFUKU JR SON)
LMR KATSUMI 1441Y (KITAGUNI JR SON X YASUFUKU JR)
LMR KOICHI 1409Y (KITAGUNI JR SON X YASUFUKU JR)
LMR AKAHIGE 8119U (TF151 X TF600 ITOMICHI)
LMR YASUTSUGU 2385X (ITOMORITAKA X KITAGUNI JR)
LMR MASAHIRO 2422X (TOSHIRO X 12P)
LMR KATSURU 2462X (HIRASHIGETAYASU ETJ001 X SANJIROU)
LMR DAISUKE 2470X (KITAGUNI JR X SANJIROU)

GROUP B MARBLING SIRES ARE IDENTIFIED AS:

SANJIROU
YASUFUKU JR
FUKUTSURU JVP 068
MICHIFUKU
TERUTANI TF40
KITATERUYASUDOI ETJ003
ITOSHIGENAMI TF148
KIKUTERUSHIGE TF150

And LMR Sires:

BAR R SANJIROU 4P
LMR AOICHI 2468X (ITOSHIGENAMI TF148 X MICHIFUKU)

GROUP D MARBLING SIRES ARE:

HARUKI II
SHIGESHIGETANI

And LMR Sires:

LMR YOJIMBO 634S
LMR HIRO 0195X
LMR HIROSHI 766T
LMR SHIGE II 1206Y
LMR SHICHIRO 2403X (SHIGESHIGETANI X KITAGUNI JR)
LMR YASUMASA 2428X (YASUFUKU JR X KITAGUNI JR) * [CL16+]
LMR MITSURU 2450X (KITAGUNI JR X MICHIFUKU)

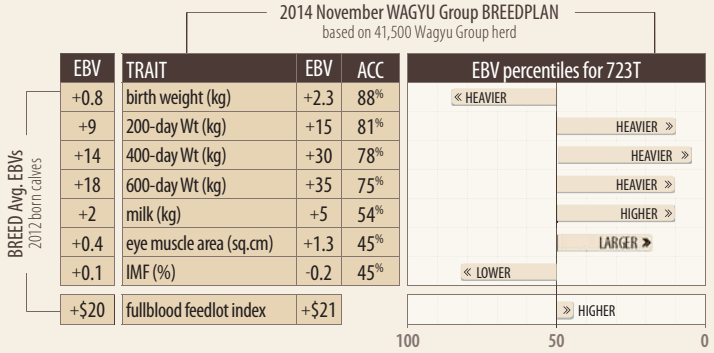
With one exception as noted, All LMCC Sires are Genetic Defect FREE – determined by parentage or by test. LMCC semen is distributed by ORIgen, Huntley, MT – http://www.origenbeef.org or call 1-866-867-4436 and ask to speak with Lacey Hunter, our representative.

WAGYU BREEDPLAN EBVS EXPLAINED

ESTIMATED BREEDING VALUES (EBVS)

An animal's breeding value is its genetic merit, half of which will be passed on to its progeny. While we will never know the exact breeding value, for performance traits it is possible to make good estimates. These are called Estimated Breeding Values (EBVs). The EBV is therefore the best estimate of an animal's genetic merit for that trait. EBVs are expressed as the difference between an individual animal's genetics and the genetic base to which the animal is compared.

EXAMPLE GRAPH - BREEDPLAN EVB PERCENTILES FOR 723T



ACCURACY

An accuracy value is presented with every EBV and gives an indication of the amount of information that has been used in the calculation of that EBV. The higher the accuracy, the lower the likelihood of change in the animal's EBV as more information is analyzed for that animal or its relatives.

ACCURACY RANGE INTERPRETATION

- Less than 50% = Low accuracy and should be considered a preliminary estimate. The EBV could change substantially as more performance information becomes available.
- 50 - 74% = Medium accuracy, usually based on the animal's own records and pedigree.
- 75 - 90% = Medium-high accuracy and usually includes some progeny information. Becoming a more reliable indicator of the animal's value as a parent.
- 90% and above = High accuracy. It is unlikely that the EBV will change much with the addition of more progeny data.

BIRTH

- **BWT**: Birth Weight EBV (kg) is based on the measured birth weight of animals. The lower the value the lighter the calf at birth and the lower the likelihood of a difficult birth. This is particularly important when selecting sires for use over heifers calving at 2 years of age.

GROWTH

- **200**: 200-Day Growth EBV (kg) is calculated from the weight of animals taken between 80 and 300 days of age. This EBV is the best single estimate of an animal's genetic merit for growth to early ages.
- **400**: 400-Day Weight EBV (kg) is calculated from the weight of progeny taken between 301 and 500 days of age. This EBV is the best single estimate of an animal's genetic merit for yearling weight.
- **600**: 600-Day Weight EBV (kg) is calculated from the weight of progeny taken between 501 and 900 days of age, adjusted to 600 days and for dam age. This EBV is the best single estimate of an animal's genetic merit for growth beyond yearling age.
- **MILK**: 200-Day Milk EBV (kg) is an estimate of an animal's milking ability. For sires, this EBV is indicative of their daughter's milking ability as it affects the 200-day weight of their calves.

CARCASS

- **EMA**: The EMA (REA) EBV (cm2) estimates genetic differences in eye muscle area at the 12/13th rib site of a 300kg dressed carcass. More positive EBVs indicate better muscling on animals.
- **IMF**: The Intramuscular Fat (IMF) EBV (%) is an estimate of the genetic difference in the percentage of intra-muscular fat at the 12/13th rib site in a 300kg carcass.

Note – The Wagyu Carcass EBVs are based on ultrasound scanning in a live animal between the ages of 300 to 800 days of age. It must be measured by an accredited ultrasound scanning technician. There is currently no direct abattoir carcass data used in the carcass EBV analysis.

SELECTION INDEX

- Fullblood Feedlot Index: Estimates the genetic differences between animals in net profitability per cow bred for an example commercial Wagyu herd in a temperate environment targeting fullblood steer production. Steers enter the feedlot at 425 kg and are subsequently feed for 450 days. They are slaughtered at 750 kg live weight (450 kg HSCW) at 30 months of age. A significant premium in placed on marbling performance. This is a self-replacing herd therefore daughters are retained for breeding.

BREED AVERAGE

For benchmarking, the average Wagyu BREEDPLAN EBVs for the 2012 calves are tabled below.

	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt. (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Mat. Cow Wt. (kg)	Milk (kg)	Scrotal Size (cm)	Carcass Wt. (kg)	Eye Muscle Area (sq. cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Fullblood Feedlot Index
EBV	**+0.0**	**+0.8**	**+9**	**+14**	**+18**	**+19**	**+2**	**+0.1**	**+11**	**+0.4**	**+0.2**	**+0.3**	**-0.1**	**+0.1**	**+20**

DISCLAIMER

The Agricultural Business Research Institute (ABRI) from data supplied by the breeders compiled the Wagyu GROUP BREEDPLAN Estimated Breeding Values contained in this Sale Catalog. Neither the American Wagyu Association nor the ABRI oversee or audit the collection of this data.

The Australian Wagyu Analysis includes over 20,000 calves with at least a weaning (200 day) weight recorded. This represents 37,441 dams and 3,871 sires. Out of the calves with 200 days weight , 13,500 have birth weights, 14,500 with 400 day weights and close to 9000 have been scanned for carcase traits.

EXPLAINING INBREEDING COEFFICIENTS (IC)

Inbreeding coefficient: A measure of how close two animals are genetically to each another. The coefficient of inbreeding, symbolized by the letter F, is the probability that an animal with two identical genes received both genes from one ancestor.

Take a first-cousin mating. First cousins share a set of grandparents. For any particular gene in the male, the chance that his female first cousin inherited the same gene from the same source is 1/8. Further, for any gene the man passes to his child, the chance is 1/8 that the woman has the same gene and ½ that she transmits that gene to the child so 1/8 X ½ = 1/16. Thus, a first-cousin marriage has a coefficient of inbreeding F =1/16.

BROTHER/SISTER:
Here you are going to marry the sire "P" to his sister "M," then doing inbreeding on the great parents "GP1" and "GM1."

P	GP1	GGP1
		GGM1
	GM1	GGP2
		GGM2
M	GP1	GGP1
		GGM1
	GM1	GGP2
		GGM2

We have two paths with N=3, then:
F = (1/2)^3 + (1/2)^3 = 0.125 + 0.125 = 0.25 -> the coefficient of inbreeding is 25%

FATHER/SISTER - MOTHER/SON:
Here we are going to marry the female "M" to her father, a common case when one has got a great champion (it is the same if you marry a great champion female to her son).

P	GP1	GGP1
		GGM1
	GM1	GGP2
		GGM2
M	P	GP1
		GM1
	GM2	GGP4
		GGM4

We have one path with N=2, then:
F = (1/2)^2 = 0.25 -> the coefficient of inbreeding is 25%

HALF-BROTHER/HALF-SISTER:
It's a softer way to make inbreeding on a champion (here the common grand father "GP1").

P	GP1	GGP1
		GGM1
	GM1	GGP2
		GGM2
M	GP1	GGP1
		GGM1
	GM2	GGP4
		GGM4

We have one path with N=3, then:
F = (1/2)^3 = 0.125 -> the coefficient of inbreeding is 12.5%

UNCLE/NIECE - AUNT/NEPHEW:

P	GGP3	GGGP1
		GGGM1
	GGM3	GGGP2
		GGGM2
M	GP3	GGP3
		GGM3
	GM4	GGP4
		GGM4

We have two paths with N=4, then:
F = (1/2)^4 + (1/2)^4 = (1/2)^3 -> the coefficient of inbreeding is 12.5%

COUSIN/COUSIN:

P	GP1	GGP1
		GGM1
	GM1	GGP2
		GGM2
M	GP2	GGP1
		GGM1
	GM2	GGP4
		GGM4

We have two paths with N=5, then:
F = (1/2)^5 + (1/2)^5 = (1/2)^4 -> the coefficient of inbreeding is 6.25%

GENETIC TESTING AND JAPANESE BLACK CATTLE

The genetic ability of Wagyu cattle to transmit important economic traits has traditionally been evaluated by the means of selecting potential animals based on pedigree information and estimated capabilities and subjecting them to progeny testing. However, in spite of the high cost and lengthy time spent in this evaluation process, cases are often found where candidate bulls and cows do not possess the genetic ability sufficient for the application.

The purpose of the development of genetic tests relevant to economically important carcase characteristics is not to dispense with progeny testing at this time, as it remains the most accurate means currently available to assess the genetic potential of breeding cattle to pass on advantageous economic characteristics to their offspring, but as a preliminary procedure in the process of selecting breeding cattle or feeder cattle.

STEAROYL COA DESATURASE

This test is designed to assist in the selection of cattle that show a genotype that produces a superior fat composition.

Stearoyl CA desaturase (SCD) is the enzyme which changes stearic acid into oleic acid. The fat of cattle is composed of 6 main fatty acids. Within these fatty acids one of the saturated fatty acids is stearic acid. Stearic acid makes deposited fat harder and increases the melting point. Conversely oleic acid makes the fat soft with a low melting point. Olive oil is an example of a product that has abundant oleic acid.

There is an opinion in the Japanese market that the percentage of beef that is "not delicious" has increased recently even though marbling has been abundant. Fat of a high melting point is not as palatable to the Japanese consumer as the low melting point fats that have been traditionally associated with Wagyu beef.

Let us imagine we are cooking a piece of beef loin that has a high melting point fat composition in a frying pan. The fat will melt during the cooking process however when we put it in our mouth and it cools to near our body temperature it will become solid. We may feel we are eating butter containing grains of sand and it certainly will not be delicious. I believe that the common incidence of such higher melting point fat in these days has come from a biased view of marbling. We, the Japanese market, have placed too much emphasis on visible marbling and disregarded the type of fat represented. Fat containing high levels of stearic acid is like wax in appearance when the carcase is in the cool room and so it is easier to assess than the soft fats.

Consumers all over the world are becoming more selective and prefer foods that are good for their health. Japanese Black cattle that have a genotype for a soft fat profile are better tasting and healthier when eaten than cattle that have high melting point fat.

There are several different DNA sequences of the SCD gene in Japanese Black cattle. These are categorized into 2 groups, A & V. Some Japanese Black cattle carry a special mutation that changes the corresponding amino acid from Valine (V) to Alanine (A), which has a significant relationship to the melting point of fat. Alanine type has a lower melting point than valine type.

Therefore the preferred type is AA.

By using the SCD gene we can select the cattle that can deposit a soft and oleic acid rich fat that is delicious and healthy.

At this time no gene tests should be used as the single selection criteria that a cattle farmer would use. Rather they should be seen as part of the selection process when choosing cattle for breeding. Cattle that show preferred genotypes for both GH Exon 5 and SCD provide the most likely animals to improve a cattle herds performance BUT ONLY if all other factors are satisfactory.

Dr. Tadayoshi Mitsuhashi

Dept. of Physiology & Genetic Regulation
National Institute of Agrobiological Sciences
Tsukuba, Ibaraki-ken, Japan

REFERENCE SIRES

BM AIZATZURUDOI Y398

carrier status **FREE** scd **-**

sire JVP FUKUTSURU 068 FB2101 — DAI 2 YASUTSURU DOI J774 FB306 / TERUYASU J649663 FB307

dam TAKEDA FARM AIZAKURA U100 — KIKUTSURUDOI TF146 / AIZAKURA 8 J992750

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	83%	0%	0%	12%	4%	1%	0%	1%

LMR AKAHIGE 8119U

carrier status **FREE** scd **-**

sire ITOZURUDOI TF151 FB3685 — ITOKITAZURU J1081 / YASUHIME J433313

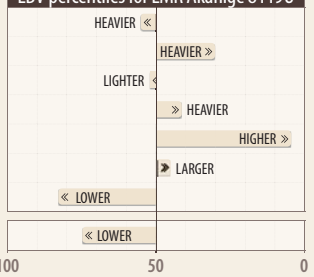
dam TF 600 FB6000 — TF ITOMICHI 1-2 FB2126 / CF 501 FB5696

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	44%	12%	0%	30%	5%	4%	4%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.9	84%
+9	200-day Wt (kg)	+12	74%
+14	400-day Wt (kg)	+13	72%
+18	600-day Wt (kg)	+21	69%
+2	milk (kg)	+6	54%
+0.4	eye muscle area (sq.cm)	+0.4	49%
+0.1	IMF (%)	-0.2	50%
+$20	fullblood feedlot index	+$9	



JVP FUKUTSURU 068

carrier status **F11+** scd **AA**

sire DAI 2 YASUTSURU DOI J774 FB306 — YASUMI DOI J10328 FB548 / KIKUTSURU J978542 FB308

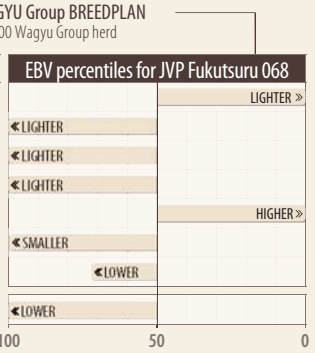
dam TERUYASU J649663 FB307 — KIKUTERU DOI J10787 FB303 / YASUTSURU J509605 FB310

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
B	100%	0%	0%	0%	0%	0%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-2.7	96%
+9	200-day Wt (kg)	-8	94%
+14	400-day Wt (kg)	-14	94%
+18	600-day Wt (kg)	-20	93%
+2	milk (kg)	+10	86%
+0.4	eye muscle area (sq.cm)	-3.3	75%
+0.1	IMF (%)	-0.1	75%
+$20	fullblood feedlot index	-$34	



BAR R FUKUTSURU 36H

carrier status **F11+** scd **-**

sire JVP FUKUTSURU 068 FB2101 — DAI 2 YASUTSURU DOI J774 FB306 / TERUYASU J649663 FB307

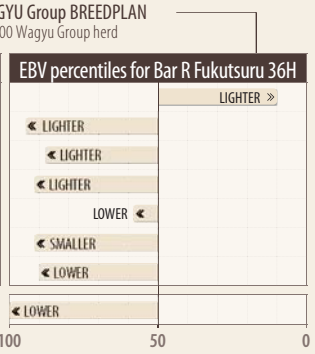
dam METANI FB3125 — TAKAZAKURA FB2892 / HEATHERKURA FB2205

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	78%	3%	0%	0%	0%	6%	5%	8%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-1.0	79%
+9	200-day Wt (kg)	0	73%
+14	400-day Wt (kg)	+3	72%
+18	600-day Wt (kg)	+1	71%
+2	milk (kg)	+1	63%
+0.4	eye muscle area (sq.cm)	-1.0	52%
+0.1	IMF (%)	-0.3	52%
+$20	fullblood feedlot index	-$18	



REFERENCE SIRES

WKS HARUKI II

carrier status **FREE** scd **-**

sire MONJIRO 11550 FB201
- YASUMI DOI J10328 FB548
- HARUMI J1086409 FB203

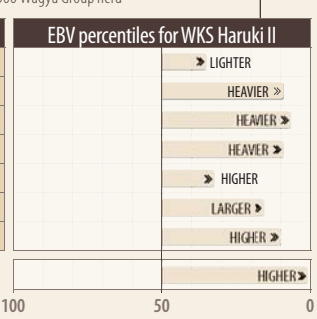
dam SAKURA 2 J741638 FB206
- KENSHIN J902 FB207
- ITOHIME 3 J545978 FB208

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	50%	25%	0%	0%	0%	0%	13%	13%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.3	95%
+9	200-day Wt (kg)	+17	94%
+14	400-day Wt (kg)	+29	94%
+18	600-day Wt (kg)	+37	92%
+2	milk (kg)	+3	89%
+0.4	eye muscle area (sq.cm)	+1.4	73%
+0.1	IMF (%)	+0.5	73%
+$20	fullblood feedlot index	+$56	



BM HIKOSHIGEFUJI Y342

carrier status **CHS+** scd **-**

sire ITOSHIGEFUJI TF147 FB3681
- ITOFUJI J483 FB319
- DAI 30 NOBORU J920752 FB 660

dam BLACKMORE HIKOHIME T039
- TF ITOHANA 2 FB2294
- TF HIKOHIME 3/4

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
A	2%	0%	0%	73%	6%	13%	3%	2%

HIRASHIGETAYASU ETJ001

carrier status **FREE** scd **-**

sire DAI 20 HIRASHIGE J287 FB330
- KEDAKA J7212 FB334
- DAI 13 HIRASHIGE J1137022 FB251

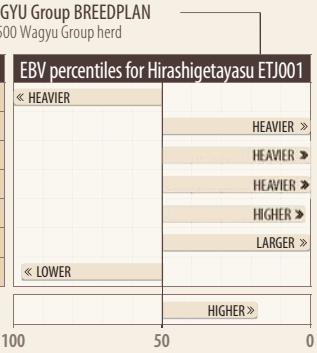
dam DAI 5 YURUHIME FB669
- TAYASUFUKU J157 FB667
- YURIKO J28677 FB340

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	25%	38%	13%	0%	0%	25%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+5.1	99%
+9	200-day Wt (kg)	+27	98%
+14	400-day Wt (kg)	+40	98%
+18	600-day Wt (kg)	+51	98%
+2	milk (kg)	+7	98%
+0.4	eye muscle area (sq.cm)	+2.9	93%
+0.1	IMF (%)	-0.5	93%
+$20	fullblood feedlot index	+$34	



WW HIRASHIGETAYASU Z278

carrier status **FREE** scd **AA**

sire HIRASHIGETAYASU ETJ001 FB670
- DAI 20 HIRASHIGE J287 FB330
- DAI 5 YURUHIME FB669

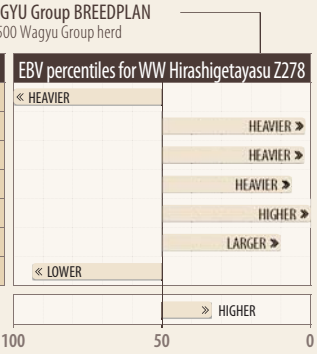
dam OHYURIHIME FB8376
- KITATERUYASUDOI ETJ 003 FB686
- MORITAKE FB8374

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
0	00%	00%	00%	00%	00%	00%	00%	00%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+5.1	94%
+9	200-day Wt (kg)	+20	95%
+14	400-day Wt (kg)	+33	95%
+18	600-day Wt (kg)	+39	95%
+2	milk (kg)	+8	93%
+0.4	eye muscle area (sq.cm)	+1.6	77%
+0.1	IMF (%)	-0.4	78%
+$20	fullblood feedlot index	+$26	



REFERENCE SIRES

LMR HIRO 0195X

carrier status **FREE** scd **VA**

sire HARUKI II FB1614 — MONJIRO 11550 FB201 / SAKURA 2 J741638 FB206

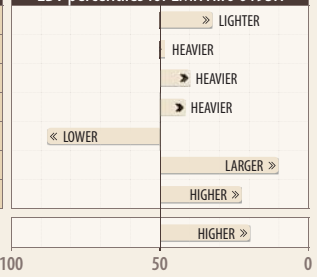
dam BR MS SANJIROU 0656 FB5091 — SANJIROU FB2501 / MISS BAR R 301H FB4208

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	72%	12%	0%	2%	0%	2%	6%	6%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.2	69%
+9	200-day Wt (kg)	+9	67%
+14	400-day Wt (kg)	+16	66%
+18	600-day Wt (kg)	+21	63%
+2	milk (kg)	-2	56%
+0.4	eye muscle area (sq.cm)	+1.6	46%
+0.1	IMF (%)	+0.3	46%
+$20	fullblood feedlot index	+$32	



LMR HIROSHI 766T

carrier status **FREE** scd **AA**

sire BR TAKAZAKURA-0606 3612 FB5972 — BR TAKAZAKURA 0606 FB5101 / BR MS SANJIROU 0656 FB5091

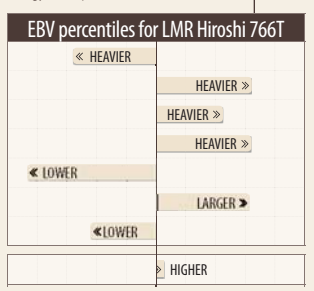
dam BR MS ITOMICHI-0602 2654 FB5827 — BR ITOMICHI 0602 FB5100 / BR MS SANJIROU 0630 FB5092

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	68%	4%	2%	7%	2%	7%	4%	6%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+1.8	84%
+9	200-day Wt (kg)	+14	72%
+14	400-day Wt (kg)	+20	73%
+18	600-day Wt (kg)	+30	68%
+2	milk (kg)	-3	37%
+0.4	eye muscle area (sq.cm)	+1.3	38%
+0.1	IMF (%)	-0.1	40%
+$20	fullblood feedlot index	+$20	



TF ITOHANA 2

carrier status **F11+** scd **-**

sire ITOHANA J809 FB504 — DAI 7 ITOZAKURA - J65 FB226 / YOSHIFUKUHANA J83343 FB 561

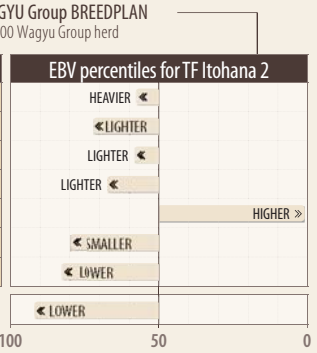
dam AINO 6 J674297 FB 452 — ITOMICHI J1158 FB500 / AINO 5 FB 451

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
A	0%	0%	0%	75%	25%	0%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+1.0	97%
+9	200-day Wt (kg)	+6	96%
+14	400-day Wt (kg)	+12	96%
+18	600-day Wt (kg)	+13	95%
+2	milk (kg)	+7	87%
+0.4	eye muscle area (sq.cm)	-0.4	76%
+0.1	IMF (%)	-0.2	75%
+$20	fullblood feedlot index	-$2	



TF ITOMICHI 1-2

carrier status **FREE** scd **-**

sire ITOMICHI J1158 FB500 — DAI 7 ITOZAKURA - J65 FB226 / TOMISAKAE 2/1 J116450 FB545

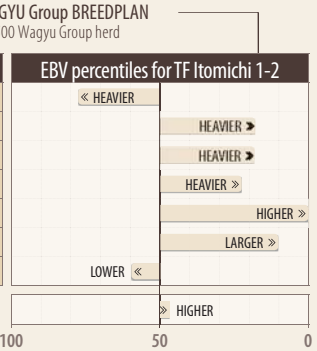
dam DAI 2 KINTOU J337756 FB464 — DAI 3 KIYOHIME J632 FB 488 / EZOKINTOU 1A FB 475

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	19%	0%	0%	50%	13%	6%	13%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+1.8	96%
+9	200-day Wt (kg)	+14	94%
+14	400-day Wt (kg)	+22	94%
+18	600-day Wt (kg)	+28	92%
+2	milk (kg)	+11	90%
+0.4	eye muscle area (sq.cm)	+1.5	67%
+0.1	IMF (%)	0.0	67%
+$20	fullblood feedlot index	+$20	



REFERENCE SIRES

ITOMORITAKA ETJ002

carrier status **CHS+** scd **-**

sire ITOHIRASHIGE FB680 — ITOKITAZURU J1081 / HIRASHIGEKIYOSHI J112938

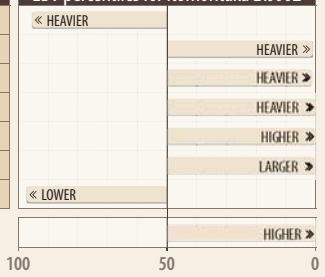
dam DAI 6 OE FUJII FB679 — DAI 5 KEDAKAFUJI J1180 / OOE J101310 KURO KOH

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
A	00%	44%	31%	13%	0%	13%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+3.6	98%
+9	200-day Wt (kg)	+21	98%
+14	400-day Wt (kg)	+35	98%
+18	600-day Wt (kg)	+48	98%
+2	milk (kg)	+15	97%
+0.4	eye muscle area (sq.cm)	+6.0	90%
+0.1	IMF (%)	-0.5	89%
+$20	fullblood feedlot index	+$66	



ITOSHIGEFUJI TF147

carrier status **CHS+** scd **-**

sire ITOFUJI J483 FB319 — DAI 7 ITOZAKURA - J65 FB226 / HIROTA - 1 J803296 FB 251

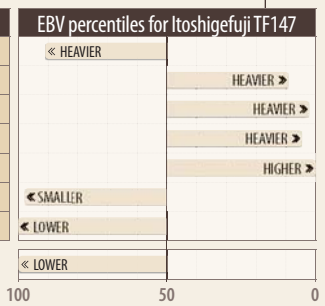
dam DAI 30 NOBORU J920752 FB 660 — ITOMICHI J1158 FB500 / DAI 10 NOBORU 3 FB636

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
A	0%	0%	0%	75%	0%	25%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+2.8	98%
+9	200-day Wt (kg)	+17	97%
+14	400-day Wt (kg)	+32	97%
+18	600-day Wt (kg)	+40	96%
+2	milk (kg)	+8	94%
+0.4	eye muscle area (sq.cm)	-1.6	81%
+0.1	IMF (%)	-1.2	81%
+$20	fullblood feedlot index	-$30	



ITOSHIGENAMI TF148

carrier status **F11+** scd **-**

sire SHIGESHIGENAMI J10632 FB 219 — SHIGEKANANAMI J6109 FB 221 / SHIGEMITSU J774695 FB 4751

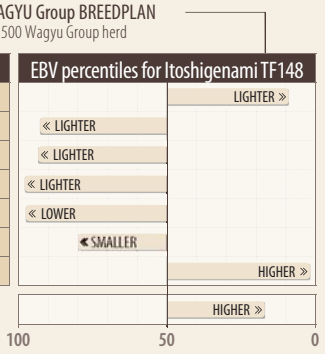
dam FUKUYUKI FB 661 — FUKUMASA J10756 FB 663 / YUKIZAKURA J456691 FB 637

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
B	100%	0%	0%	0%	0%	0%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-1.3	98%
+9	200-day Wt (kg)	+1	98%
+14	400-day Wt (kg)	-2	98%
+18	600-day Wt (kg)	-6	98%
+2	milk (kg)	-4	97%
+0.4	eye muscle area (sq.cm)	-0.4	89%
+0.1	IMF (%)	+0.8	89%
+$20	fullblood feedlot index	+$33	



ITOZURUDOI TF151

carrier status **F11+** scd **-**

sire ITOKITAZURU J1081 — DAI 7 ITOZAKURA - J65 FB226 / NISHIZURU J101266

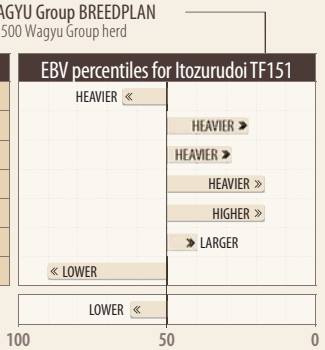
dam YASUHIME J433313 — YASUMI DOI J10328 FB548 / FUJIHIME J311983

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	50%	25%	0%	25%	0%	0%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+1.3	98%
+9	200-day Wt (kg)	+13	96%
+14	400-day Wt (kg)	+19	96%
+18	600-day Wt (kg)	+30	95%
+2	milk (kg)	+4	94%
+0.4	eye muscle area (sq.cm)	+0.5	80%
+0.1	IMF (%)	-0.3	80%
+$20	fullblood feedlot index	+$14	



REFERENCE SIRES

LMR JIRO 711T

carrier status **FREE** scd **-**

sire BAR R SANJIROU 4P FB5663 — SANJIROU FB2501 / BAR R MISS FUKUTSURU 47K FB5098

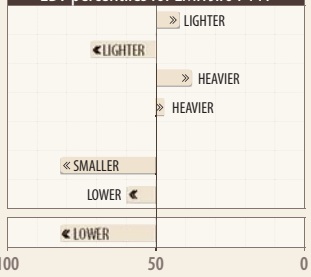
dam BR MS TAKAZAKURA 0652 FB5076 — TAKAZAKURA FB2892 / JVP MS FUKUKANE 05E FB3094

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	77%	0%	0%	4%	0%	10%	3%	6%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.5	78%
+9	200-day Wt (kg)	+6	69%
+14	400-day Wt (kg)	+17	69%
+18	600-day Wt (kg)	+18	65%
+2	milk (kg)	-	-
+0.4	eye muscle area (sq.cm)	-0.5	40%
+0.1	IMF (%)	0.0	40%
+$20	fullblood feedlot index	+$6	



LMR KAGEMUSHA 639S

carrier status **F11+** scd **-**

sire BR MICHIFUKU 1604 FB6152 — MICHIFUKU FB1615 / BR MS MICHIFUKU T4E 8605 FB4473

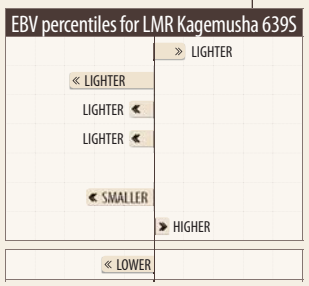
dam BR MS TAKAZAKURA 0652 FB5076 — TAKAZAKURA FB2892 / JVP MS FUKUKANE 05E FB3094

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	71%	3%	1%	3%	0%	10%	3%	9%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.4	80%
+9	200-day Wt (kg)	+5	72%
+14	400-day Wt (kg)	+12	72%
+18	600-day Wt (kg)	+16	71%
+2	milk (kg)	-	-
+0.4	eye muscle area (sq.cm)	-0.2	48%
+0.1	IMF (%)	+0.1	43%
+$20	fullblood feedlot index	+$12	



LMR KATSUMI 1441Y

carrier status **FREE** scd **AA**

sire KITAGUNI JR FB2422 — KITAGUNI 7 NO 8 J1530 FB581 / NAKAYUKI J13943 FB2893

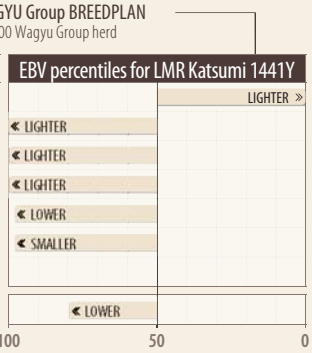
dam BR MS YASUFUKU 0645 FB5084 — YASUFUKU JR FB5061 / MISS BAR R 321H FB4209

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	62%	6%	0%	14%	6%	8%	0%	3%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-3.3	60%
+9	200-day Wt (kg)	-10	58%
+14	400-day Wt (kg)	-18	57%
+18	600-day Wt (kg)	-25	55%
+2	milk (kg)	-4	51%
+0.4	eye muscle area (sq.cm)	-1.5	43%
+0.1	IMF (%)	-	-
+$20	fullblood feedlot index	+$7	



LMR KENICHI 807T

carrier status **FREE** scd **VA**

sire MICHIFUKU FB1615 — MONJIRO 11550 FB201 / MICHIKO J655635 FB215

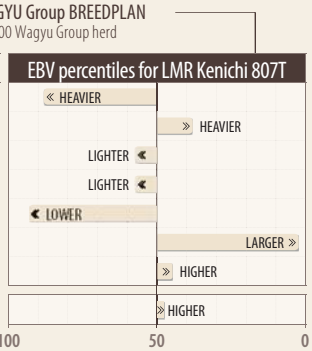
dam NAKAZAKURA FB2425 — ITOMICHI J1158 FB500 / NAKAGISHI 5 FB2895

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	51%	2%	2%	26%	9%	2%	2%	6%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+2.4	83%
+9	200-day Wt (kg)	+11	74%
+14	400-day Wt (kg)	+12	75%
+18	600-day Wt (kg)	+16	71%
+2	milk (kg)	-3	55%
+0.4	eye muscle area (sq.cm)	+2.4	55%
+0.1	IMF (%)	+0.1	52%
+$20	fullblood feedlot index	+$20	



REFERENCE SIRES

TF KIKUHANA

carrier status **FREE** scd **-**

sire ITOHANA J809 FB504
DAI 7 ITOZAKURA - J65 FB226
YOSHIFUKUHANA J83343 FB 561

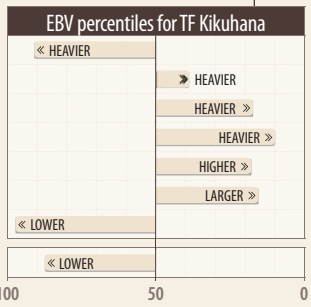
dam NAYORI 1 J182450 FB523
DAI 7 ITOZAKURA - J65 FB226
NAYORI J105103

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
A	0%	6%	0%	88%	6%	0%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+3.0	94%
+9	200-day Wt (kg)	+11	92%
+14	400-day Wt (kg)	+22	93%
+18	600-day Wt (kg)	+31	92%
+2	milk (kg)	+4	84%
+0.4	eye muscle area (sq.cm)	+1.4	65%
+0.1	IMF (%)	-0.5	63%
+$20	fullblood feedlot index	+$2	



KIKUTERUSHIGE TF150

carrier status **F11+** scd **-**

sire KIKUTERU DOI J10787 FB303
KIKUNORIDOI J9285 FB 19
TOKUKANE J707034 FB 544

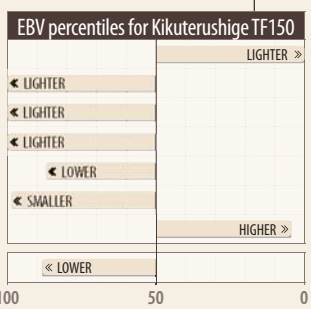
dam KIKUNAKA 6 J649744 FB 569
KIKUTERU DOI J10787 FB303
KIKUTANI J312006 FB 568

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
B	75%	0%	0%	25%	0%	0%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-3.7	97%
+9	200-day Wt (kg)	-10	97%
+14	400-day Wt (kg)	-24	97%
+18	600-day Wt (kg)	-30	96%
+2	milk (kg)	-2	96%
+0.4	eye muscle area (sq.cm)	-1.7	82%
+0.1	IMF (%)	+0.7	82%
+$20	fullblood feedlot index	+$2	



JVP KIKUYASU 400

carrier status **FREE** scd **AA**

sire KIKUYASUDOI 575 FB301
KIKUNORIDOI J9285 FB 19
MURAYOSHI J74233

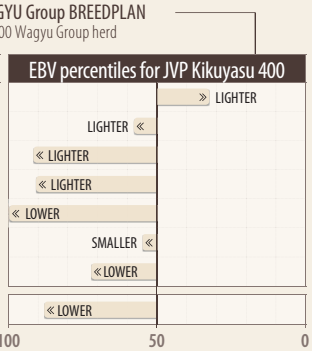
dam FUKUYOSHI J703223 FB302
KIKUTERU DOI J10787 FB303
FUKUUCHIYOSHI J509700

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
B	100%	0%	0%	0%	0%	0%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.2	90%
+9	200-day Wt (kg)	+8	90%
+14	400-day Wt (kg)	0	91%
+18	600-day Wt (kg)	+1	90%
+2	milk (kg)	-6	86%
+0.4	eye muscle area (sq.cm)	+0.2	69%
+0.1	IMF (%)	-0.1	68%
+$20	fullblood feedlot index	+$3	



WKS KITAGUNI JR

carrier status **FREE** scd **-**

sire KITAGUNI 7 NO 8 J1530 FB581
DAI 7 ITOZAKURA - J65 FB226
KITAGUNI 7 J81009 FB580

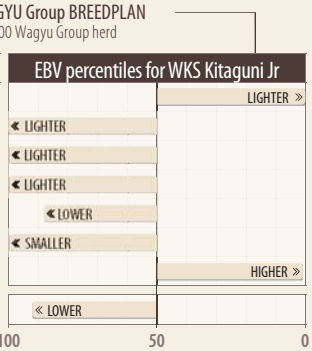
dam NAKAYUKI J13943 FB2893
KOUFUKU J2132 FB618
NAKAHANA 3

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	38%	13%	25%	13%	13%	00%	00%	00%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-3.8	94%
+9	200-day Wt (kg)	-12	91%
+14	400-day Wt (kg)	-23	91%
+18	600-day Wt (kg)	-35	88%
+2	milk (kg)	-2	83%
+0.4	eye muscle area (sq.cm)	-3.2	72%
+0.1	IMF (%)	+0.9	72%
+$20	fullblood feedlot index	-$2	



REFERENCE SIRES

KITATERUYASUDOI ETJ 003

carrier status **F11+** scd **-**

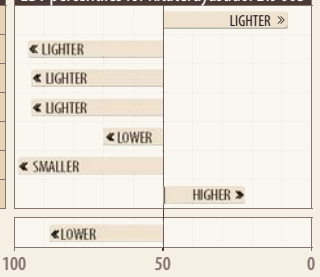
sire TERUNAGADOI 1742 FB685	KIKUTERU DOI J10787 FB303
	TERUNAHO J240580 FB683
dam YOSHIMI 3 601124 FB684	YASUTANI DOI J472 FB212
	YOSHIMI J206526 FB682

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
B	100%	0%	0%	0%	0%	0%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.0	00%
+9	200-day Wt (kg)	+0.0	00%
+14	400-day Wt (kg)	+0.0	00%
+18	600-day Wt (kg)	+0.0	00%
+2	milk (kg)	+0.0	00%
+0.4	eye muscle area (sq.cm)	+0.0	00%
+0.1	IMF (%)	+0.0	00%
+$20	fullblood feedlot index	+0.0	



LMR KOICHI 1409Y

carrier status **FREE** scd **AA**

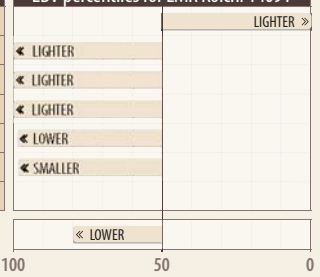
sire KITAGUNI JR FB2422	KITAGUNI 7 NO 8 J1530 FB581
	NAKAYUKI J13943 FB2893
dam BR MS YASUFUKU 0645 FB5084	YASUFUKU JR FB5061
	MISS BAR R 321H FB4209

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	62%	6%	0%	14%	6%	8%	0%	3%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-3.3	60%
+9	200-day Wt (kg)	-10	58%
+14	400-day Wt (kg)	-18	57%
+18	600-day Wt (kg)	-25	55%
+2	milk (kg)	-4	51%
+0.4	eye muscle area (sq.cm)	-1.5	43%
+0.1	IMF (%)	-	-
+$20	fullblood feedlot index	+$7	



LMR MASAHIKO 1250Y

carrier status **FREE** scd **AA**

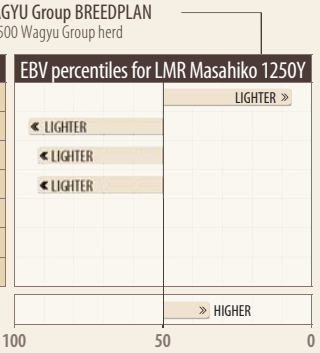
sire YASUFUKU JR FB5061	YASUFUKU J930 FB576
	KANEKO 5 FB5071
dam LMR MS ITOMICHI-4632 806T FB8607	BR ITOMICHI/0602 4632 FB6521
	BAR R 5P FB5704

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	83%	2%	1%	4%	1%	2%	1%	7%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-1.6	77%
+9	200-day Wt (kg)	0	65%
+14	400-day Wt (kg)	0	67%
+18	600-day Wt (kg)	0	63%
+2	milk (kg)	-	-
+0.4	eye muscle area (sq.cm)	-	-
+0.1	IMF (%)	-	-
+$20	fullblood feedlot index	+$24	



WKS MICHIFUKU

carrier status **FREE** scd **AA**

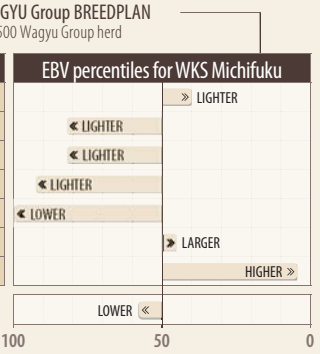
sire MONJIRO 11550 FB201	YASUMI DOI J10328 FB548
	HARUMI J1086409 FB203
dam MICHIKO J655635 FB215	TANISHIGE 1526 FB211
	MICHIFUKU J494290 FB216

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
B	100%	0%	0%	0%	0%	0%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.4	98%
+9	200-day Wt (kg)	+3	98%
+14	400-day Wt (kg)	+2	98%
+18	600-day Wt (kg)	-1	97%
+2	milk (kg)	-11	97%
+0.4	eye muscle area (sq.cm)	+0.4	89%
+0.1	IMF (%)	+0.7	89%
+$20	fullblood feedlot index	+$16	



REFERENCE SIRES

LMR MICHIRO 0193X

carrier status **FREE** scd **VA**

sire HARUKI II FB1614 — MONJIRO 11550 FB201 / SAKURA 2 J741638 FB206

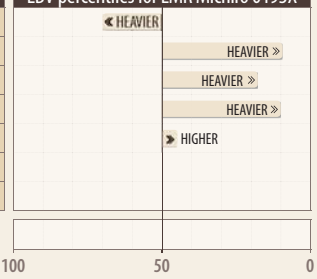
dam BR MS ITOMICHI/0602 3655 FB6516 — BR ITOMICHI 0602 FB5100 / BR MS MICHIFUKU 1605 FB6207

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	52%	15%	1%	12%	2%	2%	8%	7%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+1.4	58%
+9	200-day Wt (kg)	+17	56%
+14	400-day Wt (kg)	+23	56%
+18	600-day Wt (kg)	+31	54%
+2	milk (kg)	+2	53%
+0.4	eye muscle area (sq.cm)	-	-
+0.1	IMF (%)	-	-
+$20	fullblood feedlot index	-	



WKS SANJIROU

carrier status **FREE** scd **-**

sire MICHIFUKU FB1615 — MONJIRO 11550 FB201 / MICHIKO J655635 FB215

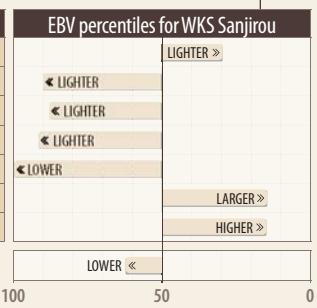
dam SUZUTANI FB1617 — TANISHIGE 1526 FB211 / SUZUNAMI FB227

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
B	100%	0%	0%	0%	0%	0%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.1	90%
+9	200-day Wt (kg)	+2	87%
+14	400-day Wt (kg)	+3	87%
+18	600-day Wt (kg)	+1	84%
+2	milk (kg)	-11	77%
+0.4	eye muscle area (sq.cm)	+1.4	66%
+0.1	IMF (%)	+0.4	66%
+$20	fullblood feedlot index	+$14	



BAR R SANJIROU 4P

carrier status **FREE** scd **AA**

sire SANJIROU FB2501 — MICHIFUKU FB1615 / SUZUTANI FB1617

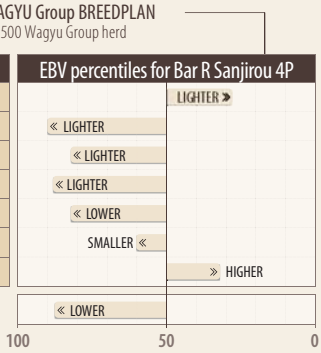
dam BAR R MISS FUKUTSURU 47K FB5098 — JVP FUKUTSURU 068 FB2101 / MISS BAR R 301H FB4208

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
B	97%	0%	0%	2%	0%	2%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-0.1	83%
+9	200-day Wt (kg)	+2	81%
+14	400-day Wt (kg)	+5	81%
+18	600-day Wt (kg)	+4	78%
+2	milk (kg)	-1	65%
+0.4	eye muscle area (sq.cm)	+0.1	54%
+0.1	IMF (%)	+0.2	55%
+$20	fullblood feedlot index	+$3	



LMR SENSEI 817T

carrier status **FREE** scd **VA**

sire ITOZURUDOI TF151 FB3685 — ITOKITAZURU J1081 / YASUHIME J433313

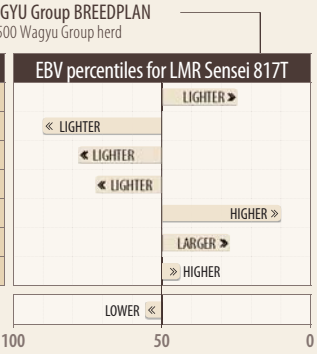
dam CF 503 — ITOSHIGENAMI TF148 FB3682 / HIKOKURA 1/10 FB3699

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	50%	12%	0%	31%	6%	0%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-0.2	80%
+9	200-day Wt (kg)	+2	75%
+14	400-day Wt (kg)	+7	75%
+18	600-day Wt (kg)	+11	70%
+2	milk (kg)	+5	56%
+0.4	eye muscle area (sq.cm)	+0.9	54%
+0.1	IMF (%)	+0.1	52%
+$20	fullblood feedlot index	+$17	



REFERENCE SIRES

WKS SHIGESHIGETANI

carrier status **FREE** scd **-**

sire HARUKI II FB1614 — MONJIRO 11550 FB201 / SAKURA 2 J741638 FB206

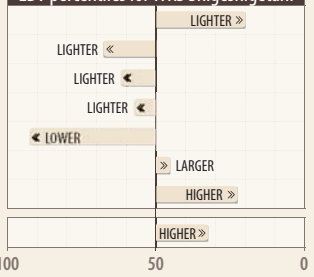
dam SUZUTANI FB1617 — TANISHIGE 1526 FB211 / SUZUNAMI FB227

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	75%	13%	00%	00%	00%	00%	6%	6%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-0.4	84%
+9	200-day Wt (kg)	+7	76%
+14	400-day Wt (kg)	+11	75%
+18	600-day Wt (kg)	+16	71%
+2	milk (kg)	-3	58%
+0.4	eye muscle area (sq.cm)	+0.4	51%
+0.1	IMF (%)	+0.3	52%
+$20	fullblood feedlot index	+$25	



LMR SHIGE II 1206Y

carrier status **FREE** scd **AA**

sire SHIGESHIGETANI FB2907 — HARUKI II FB1614 / SUZUTANI FB1617

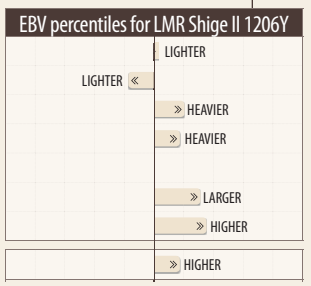
dam LMR MS SANJIROU 713T FB7460 — SANJIROU FB2501 / BR MS TAKAZAKURA 0652 FB5076

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	76%	6%	0%	2%	0%	5%	5%	6%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.8	77%
+9	200-day Wt (kg)	+8	62%
+14	400-day Wt (kg)	+16	60%
+18	600-day Wt (kg)	+20	58%
+2	milk (kg)	-	-
+0.4	eye muscle area (sq.cm)	+0.7	37%
+0.1	IMF (%)	+0.2	38%
+$20	fullblood feedlot index	+$22	



WKS TAKAZAKURA

carrier status **FREE** scd **-**

sire TAKAEI 1412 FB609 — YASUFUKU J930 FB576 / TAKAEI 180868 FB610

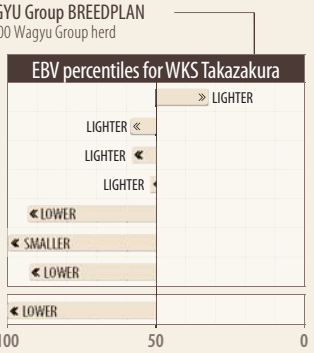
dam DAI NI SAKURA 7 FB612 — NAKATAKE 10633 FB613 / DAI NI SAKURA 13407 FB614

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	38%	0%	0%	0%	0%	25%	13%	25%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.2	95%
+9	200-day Wt (kg)	+8	93%
+14	400-day Wt (kg)	+12	94%
+18	600-day Wt (kg)	+17	90%
+2	milk (kg)	-3	82%
+0.4	eye muscle area (sq.cm)	-3.5	75%
+0.1	IMF (%)	-0.4	75%
+$20	fullblood feedlot index	-$22	



BAR R TAKAZAKURA 1K

carrier status **FREE** scd **-**

sire TAKAZAKURA FB2892 — TAKAEI 1412 FB609 / DAI NI SAKURA 7 FB612

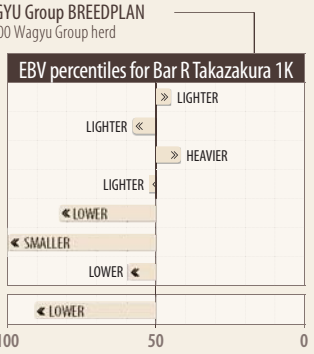
dam JVP MS FUKUSHIGE T10E FB3090 — JVP FUKUTSURU 068 FB2101 / JVP SHIGEHIME 208 FB2104

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	48%	11%	5%	0%	0%	14%	6%	16%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.6	72%
+9	200-day Wt (kg)	+8	66%
+14	400-day Wt (kg)	+15	66%
+18	600-day Wt (kg)	+17	64%
+2	milk (kg)	-1	57%
+0.4	eye muscle area (sq.cm)	-3.3	46%
+0.1	IMF (%)	0.0	47%
+$20	fullblood feedlot index	-$1	



REFERENCE SIRES

BAR R TAKAZAKURA 12P

carrier status **FREE** scd **VA**

sire BAR R TAKAZAKURA 1K FB4954 — TAKAZAKURA FB2892 / JVP MS FUKUSHIGE T10E FB3090

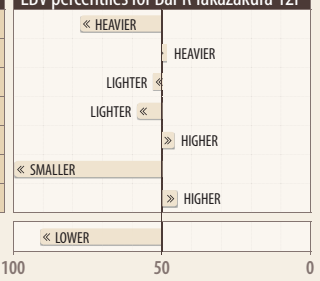
dam JVP MS FUKUSHIGE T10E FB3090 — JVP FUKUTSURU 068 FB2101 / JVP SHIGEHIME 208 FB2104

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	54%	16%	7%	0%	0%	9%	3%	11%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+1.7	82%
+9	200-day Wt (kg)	+9	75%
+14	400-day Wt (kg)	+13	72%
+18	600-day Wt (kg)	+15	73%
+2	milk (kg)	+2	59%
+0.4	eye muscle area (sq.cm)	-4.5	47%
+0.1	IMF (%)	+0.1	48%
+$20	fullblood feedlot index	-$1	



BR TAKAZAKURA-0606 3612

carrier status **FREE** scd **-**

sire BR TAKAZAKURA 0606 FB5101 — TAKAZAKURA FB2892 / BR MS MICHIFUKU 8608 FB4474

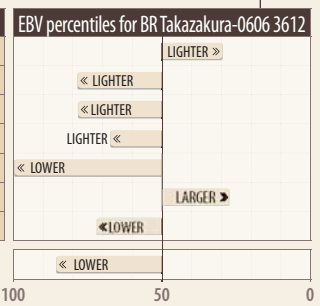
dam BR MS SANJIROU 0656 FB5091 — SANJIROU FB2501 / MISS BAR R 301H FB4208

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	76%	3%	1%	2%	0%	8%	3%	7%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.1	80%
+9	200-day Wt (kg)	+5	74%
+14	400-day Wt (kg)	+6	74%
+18	600-day Wt (kg)	+12	68%
+2	milk (kg)	-6	54%
+0.4	eye muscle area (sq.cm)	+1.0	47%
+0.1	IMF (%)	-0.1	49%
+$20	fullblood feedlot index	+$4	



LMR TOSHIRO 1/3 723T

carrier status **FREE** scd **VA**

sire TF KIKUHANA FB2127 — ITOHANA J809 FB504 / NAYORI 1 J182450 FB523

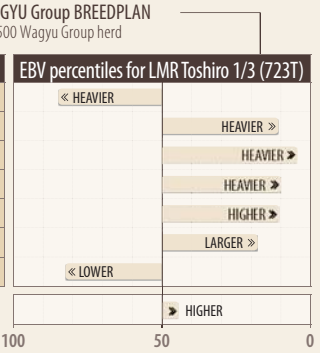
dam REIKO J1883963 FB2424 — KITAGUNI 7 NO 8 J1530 FB581 / OKAHANA J1409 FB2894

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	15%	12%	2%	58%	9%	0%	0%	3%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+2.3	88%
+9	200-day Wt (kg)	+15	81%
+14	400-day Wt (kg)	+30	78%
+18	600-day Wt (kg)	+35	75%
+2	milk (kg)	+5	54%
+0.4	eye muscle area (sq.cm)	+1.3	45%
+0.1	IMF (%)	-0.2	45%
+$20	fullblood feedlot index	+$21	



WKS YASUFUKU JR

carrier status **CL16+** scd **-**

sire YASUFUKU J930 FB576 — YASUTANI DOI J472 FB212 / CHIZURU 85545

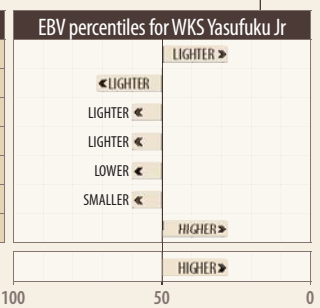
dam KANEKO 5 FB5071 — MONJIRO 11550 FB201 / KANEKO J47492 FB313

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
B	100%	0%	0%	0%	0%	0%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-4.0	95%
+9	200-day Wt (kg)	-11	93%
+14	400-day Wt (kg)	-18	93%
+18	600-day Wt (kg)	-20	88%
+2	milk (kg)	-5	75%
+0.4	eye muscle area (sq.cm)	+0.2	72%
+0.1	IMF (%)	+1.3	73%
+$20	fullblood feedlot index	+$29	



REFERENCE SIRES

LMR YOJIMBO 634S

carrier status **FREE** scd **-**

sire BAR R FUKUTSURU 36H FB4235 — JVP FUKUTSURU 068 FB2101 / METANI FB3125

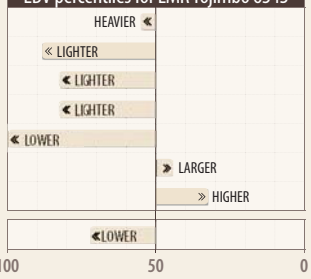
dam BR MS YASUFUKU 0609 FB5082 — YASUFUKU JR FB5061 / BR MS MICHIFUKU 8608 FB4474

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	81%	4%	1%	0%	0%	4%	2%	8%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.9	86%
+9	200-day Wt (kg)	+3	80%
+14	400-day Wt (kg)	+4	76%
+18	600-day Wt (kg)	+7	72%
+2	milk (kg)	-7	54%
+0.4	eye muscle area (sq.cm)	+0.4	45%
+0.1	IMF (%)	+0.2	46%
+$20	fullblood feedlot index	+$10	



LMR YOSHIRO 716T

carrier status **-** scd **-**

sire SANJIROU FB2501 — MICHIFUKU FB1615 / SUZUTANI FB1617

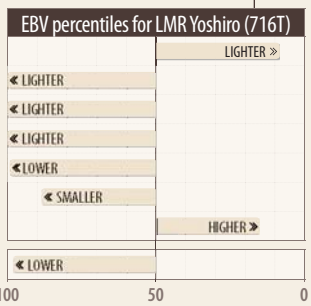
dam NAKAYUKI J13943 FB2893 — KOUFUKU J2132 FB618 / NAKAHANA 3

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	87%	0%	0%	0%	0%	12%	0%	0%

2014 March WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs 2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-1.4	78%
+9	200-day Wt (kg)	-9	72%
+14	400-day Wt (kg)	-19	71%
+18	600-day Wt (kg)	-22	67%
+2	milk (kg)	-5	49%
+0.4	eye muscle area (sq.cm)	-0.7	42%
+0.1	IMF (%)	+0.4	42%
+$20	fullblood feedlot index	-$8	



LMR MS YASUFUKU 1268Y

LOT 1

registration no. **FB12403** birthdate **07/15/2011** scd **VA**

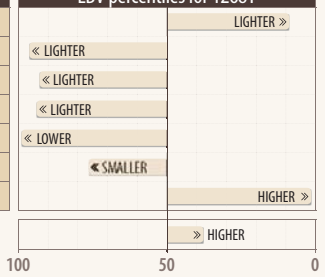
sire YASUFUKU JR FB5061	YASUFUKU J930 FB576	KANEKO 5 FB5071
dam LMR HOSHIKO 780T FB8583	MICHIFUKU FB1615	BR MS TAKAZAKURA 0652 FB5076

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	83%	0%	0%	2%	0%	5%	2%	9%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-1.3	78%
+9	200-day Wt (kg)	-1	65%
+14	400-day Wt (kg)	-1	65%
+18	600-day Wt (kg)	-2	63%
+1	milk (kg)	-5	52%
+0.4	eye muscle area (sq.cm)	-0.2	47%
+0.1	IMF (%)	+0.9	47%
+$20	fullblood feedlot index	+$24	



LMR MS YASUFUKU 1268Y and her dam 780T received highest honors as the Grand Champion Cow-Calf Pair in the 2012 National Western Stock Show - the first time that the Wagyu breed competed in Denver.

A line bred **Tajima** powerhouse, she hails from **Yasufuku Jr** whose sire was **Yasufuku J930** - known for his numerous excellent qualities, including thick shoulders, large loin size, and high yield rate. **Yasufuku J930** is regarded by Kenichi Ono as perhaps the greatest of all Wagyu sires.

Following in his father's footsteps, **Yasufuku Jr is ranked #1 Dam Sire** in the 2014 Lone Mountain Sire Performance Study (SPS) based on 13 progeny, #2 for: IMF% (33.10%) and USDA Grade (AB80) and REA (14.67"). **Evidence of his stature as a dam sire is pictured at right**.

This once-bred female is a powerful combination of **Yasufuku**, and both **Michifuku** and **Takazakura** on the maternal side of her pedigree. **1268Y** proves this trifecta legacy out: **she is in the top 1% for Intramuscular Fat EBV** with a whopping 6.23% IMF computer-analyzed valuation. Her dam, **National Champion LMR Hoshiko 780T**, measured 6.67% IMF – demonstrating the heritability of marbling in Wagyu.

Adding this special cow by the leading Dam Sire to your roster will be a herd-defining moment. Born in July 2011, **1268Y** has been exposed to **Kitaguni Jr** and if bred, will be due to calve in November.

8169U ITOSHIGEFUJI TF147 X YASUFUKU JR 44.0% IMF

2012 GRAND CHAMPION COW-CALF 780T-1268Y

LOT 2

LMR MS HARUKI 1202Y

registration no. **FB11916** birthdate **02/28/2011** scd **VA**

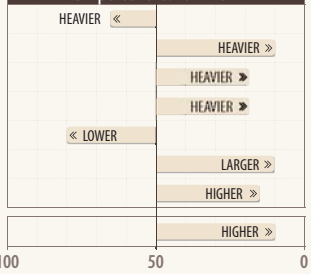
sire HARUKI II FB1614	MONJIRO 11550 FB201	SAKURA 2 J741638 FB206
dam LMR MS MICHIFUKU 612S FB6430	MICHIFUKU FB1615	JVP MS KIKUSHIGE 08E FB3086

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	66%	20%	0%	0%	0%	0%	6%	6%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+1.3	77%
+9	200-day Wt (kg)	+16	66%
+14	400-day Wt (kg)	+23	66%
+18	600-day Wt (kg)	+29	65%
+1	milk (kg)	-1	55%
+0.4	eye muscle area (sq.cm)	+1.7	47%
+0.1	IMF (%)	+0.4	47%
+$20	fullblood feedlot index	+$42	



LMR MS HARUKI 1202Y and her calf 3496A were named 2014 Grand Champion Fullblood Wagyu Cow-Calf Pair at the National Western Livestock Stock Show in Denver (pictured). A balanced cow with lineage tracing to **Michifuku** and **JVP Kikuyasu 400** on her maternal side, **1202Y** is a growth and marbling powerhouse with highest EBV rankings – in the top 5% FFI, measured against 37,641 Fullblood Wagyu dams. The foundation sires present in this pedigree have come to fruition in this animal with outstanding outcomes. **1202Y** measured 5.82% IMF @ 400 day ultrasound scan, as proof of that.

1202Y's dam, **LMR Michifuku 612S**, is one of our most outstanding cows – she measured 7.11% IMF at 400 days – and has produced for Lone Mountain 16 progeny so far, three of whom are in today's sale, including Lot #17 **LMR Ms Hirashige-2398Z**, and **1202Y's** full sister, **LMR Ms Haruki 1201Y** as Lot #22.

612S's other progeny include a carcass by Sanjirou that measured 38.88% IMF (pictured), and two carcasses by **LMR Toshiro 1-3 723T**: 33.2% and 32.2% IMF. There is a pattern here. Expect the potential marbling traits to be passed on by **1202Y's** offspring.

With a Fullblood Feedlot Index ($FFI) of +42.0, you can expect outstanding growth as well as marbling progeny. And with **1202Y** born in February 2011, this is a rare opportunity to purchase a NWSS winner only months after winning, with a lifetime of breeding and value-adding to bring to your herd.

1202Y has been AI'd to **Kitaguni Jr.** and if bred, should calve in November 2014. **She tested Homozygous AA for the SCD gene**.

9304W SANJIROU X MICHIFUKU 38.88% IMF

2014 NATIONAL WESTERN GRAND CHAMPION FULLBLOOD WAGYU COW/CALF PAIR

LMR MS FUKUTSURU 9222W

LOT 3

registration no. **FB9533** birthdate **02/23/2009** scd **AA**

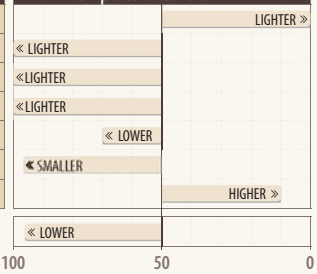
sire JVP FUKUTSURU 068 FB2101	DAI 2 YASUTSURU DOI J774 FB306
	TERUYASU J649663 FB307
dam BR MS YASUFUKU 0609 FB5082	YASUFUKU JR FB5061
	BR MS MICHIFUKU 8608 FB4474

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
B	92%	3%	1%	0%	0%	0%	0%	4%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-2.8	79%
+9	200-day Wt (kg)	-7	71%
+14	400-day Wt (kg)	-13	72%
+18	600-day Wt (kg)	-17	68%
+1	milk (kg)	0	57%
+0.4	eye muscle area (sq.cm)	-1.3	51%
+0.1	IMF (%)	+0.5	52%
+$20	fullblood feedlot index	-$4	



LMR YOJIMBO 634S

9222W is LMR Yojimbo 634S' sister. Yojimbo was the $35,000 Sale Topper in the first LMR Production Sale. A truly incredible **Tajima** trifecta of foundation sires bred into this outstanding breeding female.

LMR MS FUKUTSURU 9222W is 92% **Tajima** with a pedigree, a legacy, and a set of siblings to show for it. Sired by the historic **JVP Fukutsuru 068** with his marbling legacy, and with **Yasufuku Jr.** and **Michifuku** on the maternal side, there's no wonder she scored in BREEDPLAN's top 10% IMF EBV as measured against 37,641 Fullblood Wagyu dams.

Bear in mind, folks, that three other siblings of **9222W** have rung up earnest dividends for the Lone Mountain Fullblood Wagyu beef program: one carcass scored a strong 30% IMF (0148X), while two others who were not photographed due to a carcass camera malfunction were graded AB30 (**9204W**) and AB90 (**9218W**), respectively. Outstanding results!

Born February of 2009, **9222W** gave birth to a **LMR Kenichi 807T** heifer in March and is open and ready to continue her marbling, mothering legacy the moment she lands on your property. **She has tested Homozygous AA for the SCD gene**.

8155U YOJIMBO X MICHIFUKU 40.2% IMF

LOT 4

LMR MS ITOZURUDOI 815T

registration no. **FB11177** birthdate **12/30/2007** scd **AA**

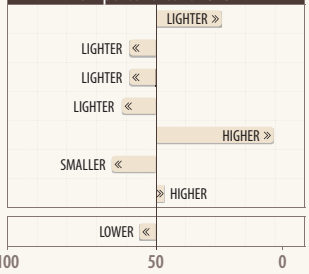
sire ITOZURUDOI TF151 FB3685	ITOKITAZURU J1081 FB678	YASUHIME J433313 FB662
dam CF 503 FB5698	ITOSHIGENAMI TF148 FB3682	HIKOKURA 1/10 FB3699

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	50%	12%	0%	31%	6%	0%	0%	0%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-0.1	68%
+9	200-day Wt (kg)	+8	63%
+14	400-day Wt (kg)	+12	62%
+18	600-day Wt (kg)	+15	61%
+1	milk (kg)	+5	60%
+0.4	eye muscle area (sq.cm)	+0.0	48%
+0.1	IMF (%)	+0.1	48%
+$20	fullblood feedlot index	+$17	



An outstanding composite of some of the industry's leading foundation sires, **LMR MS ITOZURUDOI 815T** is a well-balanced beaut. Born at the end of 2007 and mother of five calves, **815T** blends the best of all worlds - with 50% **Tajima**, 31% **Itozakura**, 12% **Kedaka**, and 6% **Shimane** expressed via a mix of **TF151** and **TF148**. **815T's** daughter **1234Y** is in this sale as Lot #85.

Grandson of **Dai 7 Itozakura** - and his supreme mix of marbling, growth and maternal influences - **TF151 Itozurudoi** was one of Takeda Farm's outstanding offerings, and semen from him is no longer available. **TF151** is regarded amongst Wagyu experts as beyond comparison in Fullblood Wagyu carcasses.

On **815T's** maternal side is **Itoshigenami TF148**, son of **Shigeshigenami** who is the #4 bull in Kenichi Ono's first volume of *The Outstanding Wagyu of Japan*. Ono wrote: "**Tajima** breeding consists of three lines: **Kumanami**, **Naka-Doi** and **Oku-Doi**. A bull named Shigeshigenami is the reason the **Kumanami** line is on that elite list." In 1983, at a Tokyo dressed-carcass competition, progeny of **Shigeshigenami** managed the unusual feat of winning first and second place in the steer category. Ono concludes, "There is only one **Yasufuku** and **Shigeshigenami**!"

0181X ITOSHIGENAMI TF148 X ITOMICHI-0632 41.01% IMF

Lone Mountain has had similar experience with **TF148** in our Wagyu Beef program – he is the **#1 Fullblood Wagyu Sire based on USDA Grading** (average AB100) in the LMR 2014 Sire Study and the #3 Sire by IMF% (32.85% with 9 carcasses studied). **An example of TF148's legacy is shown pictured at right**. For those breeders looking for a balanced mother with an impeccable legacy, **815T** is your pick.

815T is exposed to **Michifuku** and due in November, if bred. **In addition, she tested Homozygous AA for the SCD gene.**

LMR MS HIRASHIGETAYASU Z278 0202X

LOT 5

registration no. **FB11737** birthdate **10/14/2010** scd **VA**

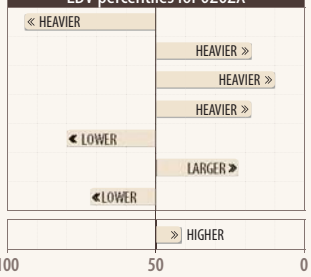
sire WW HIRASHIGETAYASU Z278 FB8376	HIRASHIGETAYASU ETJ001 FB670	OHYURIHIME FB8376
dam BR MS SANJIROU 0630 FB5092	SANJIROU FB2501	METANI FB3125

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	61%	14%	5%	2%	0%	10%	3%	5%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+3.2	74%
+9	200-day Wt (kg)	+14	63%
+14	400-day Wt (kg)	+24	62%
+18	600-day Wt (kg)	+29	61%
+1	milk (kg)	-1	54%
+0.4	eye muscle area (sq.cm)	+1.1	44%
+0.1	IMF (%)	-0.1	44%
+$20	fullblood feedlot index	+$22	



LMR MS HIRASHIGETAYASU Z278 0202X is a powerhouse female, sired by the celebrated **WW Hirashigetayasu Z278**, a trendsetting and upcoming foundation sire. **0202X** is a prime example of Takeda's classic rotation breeding plan.

Sired by **Hirashigetayasu ETJ001**, with both **ETJ003** and **ETJ002** on his maternal side, **Z278** epitomizes the **Kedaka** and **Dai 7 Itozakura** lineages and their propensity for larger frame and balance – and the marbling disposition of **Kikuterudoi** and **Yasumi Doi**. With the **Sanjirou/Takazakura** influence on **0202X's** maternal side, with their fantastic meat quality, yield and marbling, this is a winning composite breeding female to bring to your operation.

BR Ms Sanjirou 0630, **0202X's** dam, has lived at Lone Mountain since 2007 and has produced over 115 embryos for us, and many siblings of **0202X**, **including a Yojimbo steer (8185U) measuring 33% IMF (pictured)** and a **Kitaguni** heifer (**2328Z**) in the sale as Lot #66.

0202X is a promising flush cow herself, producing 25 viable embryos in her first 3 flushes.

Born in October 2010, **0202X** is bred to **Shigeshigetani**, due in June, and ready to flush shortly thereafter. Note that she was covered by our herd sire by **Yasufuku Jr**, **1250Y**, but we are quite certain that she is carrying a **Shigeshigetani** calf.

8185U YOJIMBO X SANJIROU 33.0% IMF

LOT 6

LMR MS ITOMORITAKA 1428Y

registration no. **FB13475** birthdate **11/17/2011** scd **AA**

sire ITOMORITAKA ETJ002 FB681	ITOHIRASHIGE FB680
	DAI 6 OE FUJII FB679
dam LMR RINKO 708T FB7456	SANJIROU FB2501
	BR MS TAKAZAKURA 0652 FB5076

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	39%	22%	16%	8%	0%	11%	2%	3%

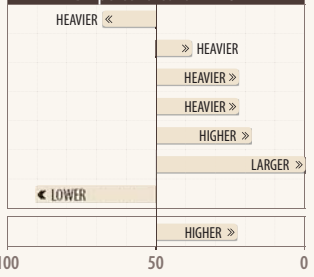
003 x 1428Y

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	69%	11%	8%	4%	0%	5%	1%	2%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+1.4	77%
+9	200-day Wt (kg)	+11	70%
+14	400-day Wt (kg)	+21	71%
+18	600-day Wt (kg)	+27	67%
+1	milk (kg)	+4	58%
+0.4	eye muscle area (sq.cm)	+3.3	54%
+0.1	IMF (%)	-0.3	56%
+$20	fullblood feedlot index	+$31	



Born November 2011, **LMR MS ITOMORITAKA 1428Y** is one of the very few **ETJ002** females assessed as FREE by DNA genetic testing. **Itomoritaka ETJ002 is a Wagyu trait leader, ranking in the top 1% in 200, 400 and 600-day weights, as well as in Milk and Scrotal**, in BREEDPLAN's assessment of 3,871 Fullblood Wagyu sires.

A supreme maternal package, **1428Y** scores a winning +$33 in BREEDPLAN's Fullblood Feedlot Index. With the preeminent foundation sires **Sanjirou** and **Takazakura** rounding out this animal's pedigree, you've got a powerhouse breeding female and outstanding characteristics coming to you.

The mother of **1428Y**, **LMR Rinko 708T** has been an outstanding and productive cow for us. **708T** is classically bred (**Sanjirou** x **Takazakura** x **JVP Fukutsuru 068**) and represents the base of the Lone Mountain herd. Two of **1428Y's** siblings have gone to the beef program, resulting in great yield and double-to-triple prime marbling – **the USDA graded the 9262W Yojimbo steer as AB60 (See photo at right)**. Her sister **9268W** (by **Yojimbo**) is in the sale (Lot #66).

9262W YOJIMBO X SANJIROU 27.80% IMF

1428Y is pregnant by **ETJ003**, due June 2nd and ready for more productivity by the fall. She was covered by our **Michifuku** herd sire, **LMR Kenichi 807T** – but our firm belief is that the calf she is carrying is by **ETJ003**. **In addition, 1428Y has tested Homozygous AA for the SCD gene**.

LMR MS YASUFUKU JR 9337W

LOT 7

registration no. **FB10741** birthdate **07/07/2009** scd **VA**

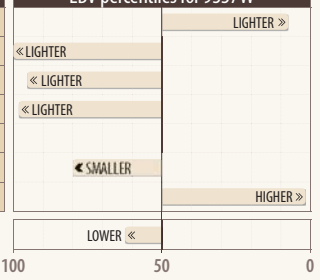
sire YASUFUKU JR FB5061	YASUFUKU J930 FB576 KANEKO 5 FB5071
dam LMR MS SANJIROU 601S FB6286	SANJIROU FB2501 CHR MS FUKUTSURU 107L FB5861

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
B	86%	1%	0%	3%	0%	2%	1%	8%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

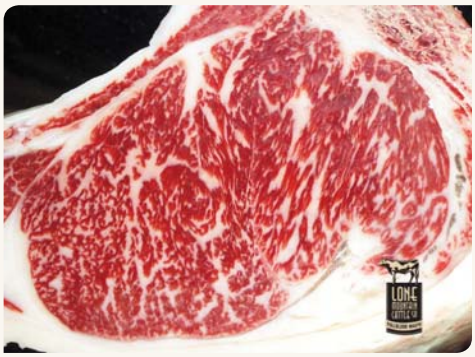
BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-1.4	70%
+9	200-day Wt (kg)	-5	68%
+14	400-day Wt (kg)	-4	66%
+18	600-day Wt (kg)	-9	63%
+1	milk (kg)	-	-
+0.4	eye muscle area (sq.cm)	-0.4	45%
+0.1	IMF (%)	+0.8	47%
+$20	fullblood feedlot index	+$15	



LMR MS YASUFUKU JR 9337W is a winning mother cow with 86% **Tajima** bloodlines, by way of a fantastic foundation sire-laden pedigree. Born July of 2009, **9337W** was sired by **Yasufuku Jr** (#1 Dam Sire in the 2014 LMR SPS and #2 Sire for REA and IMF%). **Yasufuku Jr demonstrates his prowess as a dam sire with the 50.20% IMF ribeye as seen at right**.

8166U KITAGUNI JR X YASUFUKU JR 50.2% IMF



9344W YASUFUKU JR X SANJIROU 37.1% IMF

And **9337W** shows on her maternal side the incomparable matching of **Sanjirou** and **JVP Fukutsuru 068**. With that pedigree (and proven out by the EBVs), you can see the possibilities from this fantastic lot and from her progeny: fantastic marbling and meat quality. One of her daughters (**2354Z**) is in the sale as Lot #18. **9337W's full brother was 9344W who was harvested in the Lone Mountain Fullblood Wagyu beef program and resulted in a 37% IMF and a scale-topping VAB100 USDA marbling score**.

9337W's dam is **LMR Ms Sanjirou 601S**, another valued LMR favorite, producing 11 outstanding calves for LMR and counting. A daughter of **601S** (and sister of **9337W**) joins the sale ranks as well: **3419A**, a fifteen month old open heifer, can be found as Lot #73. This up-and-coming five year-old is just entering into her prime producing years.

9337W delivered a **LMR Kenichi 807T** heifer calf in March and is open and ready to flush or breed as you like when she arrives – the winning bidder will see the results of having the **#1 Dam Sire** on his/her property.

LOT 8

LMR MS ITOMORITAKA 1436Y

registration no. **FB13480** birthdate **11/22/2011** scd **VA**

sire ITOMORITAKA ETJ002 FB681	ITOHIRASHIGE FB680	DAI 6 OE FUJII FB679
dam BR MS ITOMICHI/0602 5604 FB7485	BR ITOMICHI 0602 FB5100	BR MS MICHIFUKU 1607 FB7483

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	27%	25%	17%	19%	2%	8%	2%	1%

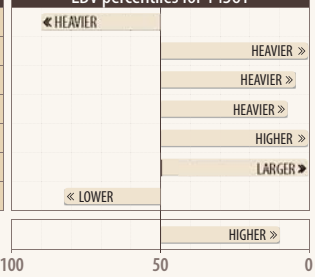
148 x 1436Y

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	51%	12%	8%	22%	1%	4%	1%	0%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+2.8	75%
+9	200-day Wt (kg)	+22	68%
+14	400-day Wt (kg)	+31	68%
+18	600-day Wt (kg)	+38	65%
+1	milk (kg)	+9	57%
+0.4	eye muscle area (sq.cm)	+2.8	53%
+0.1	IMF (%)	-0.2	54%
+$20	fullblood feedlot index	+$41	



Hold onto your hats and socks, folks: Here's another FREE by DNA test **Itomoritaka ETJ002** heifer.

And, don't let that EBV chart knock you out of your chair. You're reading it right: **LMR MS ITOMORITAKA 1436Y** has the growth figures to make a grown man cry. Born November 2011, **1436Y** is another one of our **Itomoritaka ETJ002** daughters; this time comprised of foundation sires **TF Itomichi** and **Michifuku** to round out the pedigree. **ETJ002 has the highest Milk EBV of any bull analyzed by BREEDPLAN, is in the top 1% for 600-Day Weights, Carcass Weight, REA, Yield, Milk** – and the influx of **TF Itomichi** adds to the mix, especially in the **Milk** department as he is also in BREEDPLAN's **top 1%**. We all know what **Michifuku** brings to the party.

With a chart-topping $+41 Fullblood Feedlot Index, you can be sure that adding this animal to your herd will grow your herd in mature size and beef yield. Add to that a very respectable 400-day ultrasound scan of 5.4% IMF, and this could be the sleeper lot of sale day.

The dam of **1436Y**, the eight year-old **BR Ms Itomichi/0602 5604** has never been flushed but has produced 5 calves for LMCC – one calf every year from 2007 to 2011 – and is now pregnant by **TF148** and is due in June. That fertility trait will almost certainly be passed on to this heifer, **1436Y**.

Pregnant to **Itoshigenami TF148** and due in early June, **1436Y** will be ready to breed again by fall. She was covered by LMCC herd sire, co-owned by Jerry Reeves: **Bar R Sanjirou 4P** but we are quite certain that she is bred to **TF148**.

LMR MS KITAGUNI 8168U

LOT 9

FLUSH LOT

registration no. **FB8968** birthdate **11/03/2008** scd **VA**

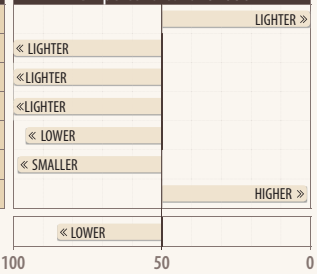
sire KITAGUNI JR FB2422	KITAGUNI 7 NO 8 J1530 FB581	NAKAYUKI J13943 FB2893
dam BR MS YASUFUKU 0645 FB5084	YASUFUKU JR FB5061	MISS BAR R 321H FB4209

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	62%	6%	0%	14%	6%	8%	0%	3%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

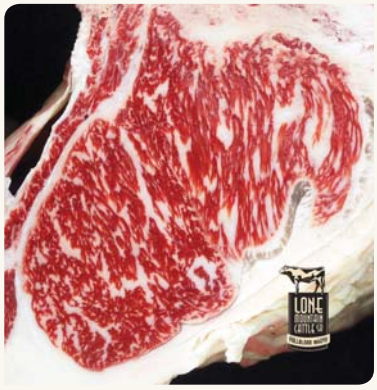
BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-4.5	77%
+9	200-day Wt (kg)	-13	67%
+14	400-day Wt (kg)	-23	65%
+18	600-day Wt (kg)	-30	63%
+1	milk (kg)	-4	51%
+0.4	eye muscle area (sq.cm)	-1.6	44%
+0.1	IMF (%)	+0.9	45%
+$20	fullblood feedlot index	+$4	



If your aim as a breeder is, like ours, to produce the most premium, decadently marbled Wagyu beef - for which customer demand is through the roof - then save some money for this outstanding flush lot. **LMR MS KITAGUNI 8168U** scored an otherworldly 9.5% IMF on her 400-day ultrasound scan; we have seen that less than a handful of times. Needless to say she is in the BREEDPLAN's **Top 1% for IMF EBV** – compared to 37,641 dams!

Born November of 2008, **8168U** has a formidable pedigree. With **Kitaguni Jr** as her sire and both **Yasufuku Jr.** and **Michifuku** on her maternal side, the marbling output of this excellent flush cow is made clear.



8167U KITAGUNI JR X YASUFUKU JR 39.1% IMF

8166U KITAGUNI JR X YASUFUKU JR 50.2% IMF

Her dam is **BR Ms Yasufuku 0645 (also scoring in the Top 1% IMF EBV)** a 14 year-old and pregnant again. Seven of her progeny have been butchered in the Lone Mountain Wagyu beef market and resulted in some of our most consistently outstanding product, including **8168U's full brothers: (8167U) scoring a 39.1% and another (8166U) scoring the highest ever 50.2% IMF**. Remember that this is a (Beyond) Prime example of that **Kitaguni** x **Yasufuku** "nick" that we have experienced time and again in our beef program.

8168U is an excellent flush cow, producing 31 viable embryos in just 4 flushes, as well as 14 calves.

The winner of this Lot will receive ALL of the embryos produced in the flush, with a minimum guarantee of 6 viable embryos. Selected by the winning bidder, the semen straws will be provided by LMCC out of our extensive inventory.

LOT 10

BR MS SANJIROU 0630

FLUSH LOT

registration no. **FB5092** birthdate **06/24/2000** scd **VA**

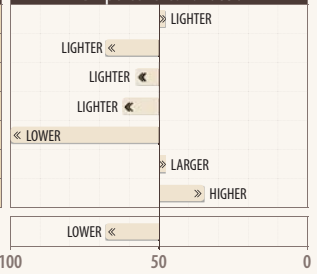
sire SANJIROU FB2501	MICHIFUKU FB1615	
	SUZUTANI FB1617	
dam METANI FB3125	TAKAZAKURA FB2892	
	HEATHERKURA FB2205	

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	78%	3%	0%	0%	0%	6%	5%	8%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.7	73%
+9	200-day Wt (kg)	+7	65%
+14	400-day Wt (kg)	+12	64%
+18	600-day Wt (kg)	+14	62%
+1	milk (kg)	-8	58%
+0.4	eye muscle area (sq.cm)	+0.4	45%
+0.1	IMF (%)	+0.2	46%
+$20	fullblood feedlot index	+$13	



BR MS SANJIROU 0630 is the most productive donor we have ever flushed at Lone Mountain. **0630** will be 14 years old on sale day and has produced 88 viable embryos over her last 4 flushes, averaging 22 embryos per flush.

Sired by **Sanjirou**, with **Takazakura** and **Haruki II** on her maternal side, this phenomenal **Tajima** breeding cow combines the excellent meat quality, large ribeye area, thick rib and high yields that **Sanjirou** and **Suzutani** are famous for. The World K's Group (breeder of **Sanjirou**, **Michifuku** and **Shigeshigetani**) has time and again proven the genetic predictions of this breeding as accurate and founded.

0630's dam, **Metani**, is also the dam of **Bar R Fukutsuru 36H** and **BR Double Tak 30H** – two of Jerry Reeves' prime sires. **Lone Mountain's Wagyu Beef program produced a steer out of BR MS SANJIROU 0630 by Yojimbo that scored triple the marbling number of USDA Prime at right**.

The winner of this Lot will receive ALL of the embryos produced in the flush, with a minimum guarantee of 6 viable embryos. Selected by the winning bidder, the semen straws will be provided by LMCC out of our extensive inventory.

8185U YOJIMBO X SANJIROU 33.0% IMF

LMR MS SANJIROU 617S

LOT 11

FLUSH LOT

registration no. **FB6434** birthdate **05/03/2006** scd **VA**

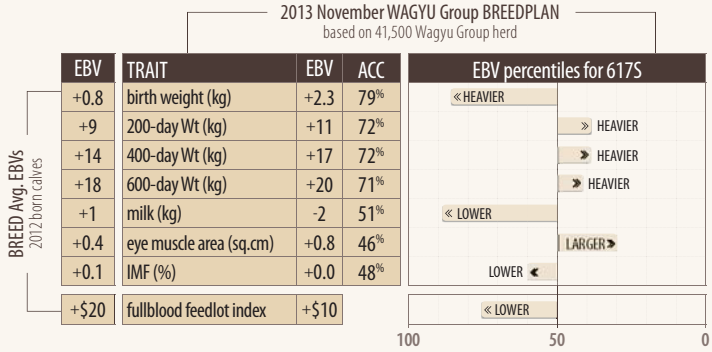
sire SANJIROU FB2501	MICHIFUKU FB1615	
	SUZUTANI FB1617	
dam CHR KIKUHANAHIME (ET) FB3311	TF KIKUHANA FB2127	
	TF HIKOHIME 3/2 FB560	

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	55%	2%	0%	34%	5%	2%	3%	0%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+2.3	79%
+9	200-day Wt (kg)	+11	72%
+14	400-day Wt (kg)	+17	72%
+18	600-day Wt (kg)	+20	71%
+1	milk (kg)	-2	51%
+0.4	eye muscle area (sq.cm)	+0.8	46%
+0.1	IMF (%)	+0.0	48%
+$20	fullblood feedlot index	+$10	



LMR MS SANJIROU 617S is one of the most outstanding females that Lone Mountain has ever had the pleasure to own. With an astounding 7.59% IMF on her 400-day ultrasound scan, **617S** has the rare distinction of being the Grand-Dam of the **2013 Champion Fullblood Wagyu Heifer** at the Denver Stock Show (**TBR Yasuhime 3 2104Y**). She has produced an extraordinary 43 viable embryos in just 5 flushes (including 16 in her last flush), as well as 9 remarkable calves.

9296W Y342 X SANJIROU 30% IMF

0203X ETJ001 X SANJIROU 34% IMF

Her progeny that have gone through the Lone Mountain Wagyu beef operation have included: a LMR Yojimbo 634S son who graded VAB60; a Blackmore Hikoshigefuji Y342 son who graded a VAB10; and a Hirashigetayasu ETJ001 son who graded an AB90 (pictured).

Born May of 2006, **617S** is a 55% **Tajima**, 34% **Itozakura** balanced breeding powerhouse. Sired by **Sanjirou**, and with **TF Kikuhana** and **TF Itomichi** on her maternal side, you can see how her EBV turns out with such high rib and rump fat, eye muscle area and above average carcass weight, not to mention great growth.

The winner of this Lot will receive ALL of the embryos produced in the flush, with a minimum guarantee of 6 viable embryos. Selected by the winning bidder, the semen straws will be provided by LMCC out of our extensive inventory.

LOT 12

LMR MS TOSHIRO 1/3 2424Z

registration no. **FB14923** birthdate **10/18/2012** scd **VA**

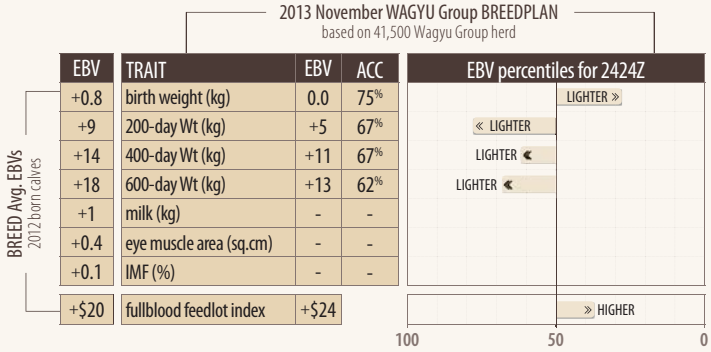
sire LMR TOSHIRO 1/3 (723T) FB7475	TF KIKUHANA FB2127 REIKO J1883963 FB2424
dam BR MS YASUFUKU 0645 FB5084	YASUFUKU JR FB5061 MISS BAR R 321H FB4209

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	51%	6%	1%	31%	5%	2%	0%	5%

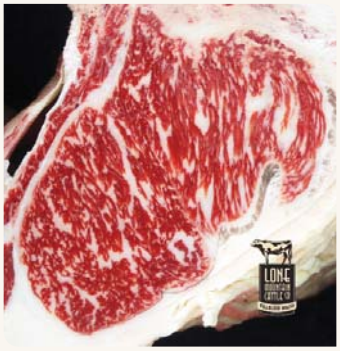
2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	0.0	75%
+9	200-day Wt (kg)	+5	67%
+14	400-day Wt (kg)	+11	67%
+18	600-day Wt (kg)	+13	62%
+1	milk (kg)	-	-
+0.4	eye muscle area (sq.cm)	-	-
+0.1	IMF (%)	-	-
+$20	fullblood feedlot index	+$24	



LMR MS TOSHIRO 1/3 2424Z is made of a proverbial marriage made in heaven. **2424Z** is daughter of our own **LMR Toshiro 1/3 723T**, who ranks in BREEDPLAN's top 10% for Ribeye Area and in the top 5% for Growth (Weights) as measured against 37,641 Wagyu dams. Expect excellent growth and milking traits to be passed on to progeny. What's more, **723T's** progeny not only have the largest average carcass weight in our herd (1058 lbs), but in addition an average IMF% measurement of 30.51% as computed by LMR's carcass camera across 10 harvest steers.



8167U KITAGUNI JR X YASUFUKU JR 39.1% IMF

9373W YOJIMBO X YASUFUKU JR 36.77% IMF

We look forward to seeing **Toshiro's** ranking as Dam Sire go sky-high as his numbers roll in owing in large part to the presence of **Kitaguni 7 No 8** as **723T's** Dam Sire. Kenichi Ono opines that **Kitaguni 7 No 8** was one of the three greatest Wagyu in all of Japan.

2424Z was scanned at 400 days and showed 6.0% Intramuscular Fat, not bad considering USDA Prime is 8-12% found in full-grown steers. This really comes as no surprise, since **2424Z's** dam is **BR Ms Yasufuku 0645** whose storied legacy is also outstanding.

With a **top 1% IMF EBV** as well as butchered LMR progeny ranging in IMF% from an exemplary 30% up to an otherworldly 50% IMF. **Two of 2424Z's siblings' are pictured above**. **2424Z's** dam, **0645** has produced 12 calves out of 22 viable embryos and another 5 calves by AI or natural service. Almost 14 years old, she is pregnant and due in June.

Born October 2012, **2424Z** sells as a 17 month-old open heifer, ready to breed or flush.

LMR MS HIRASHIGETAYASU 1282Y

LOT 13

registration no. **FB12813** birthdate **07/13/2011** scd **AA**

sire HIRASHIGETAYASU ETJ001 FB670	DAI 20 HIRASHIGE J287 FB330
	DAI 5 YURUHIME FB669
dam LMR MS SANJIROU 713T FB7460	SANJIROU FB2501
	BR MS TAKAZAKURA 0652 FB5076

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	51%	19%	6%	2%	0%	17%	2%	3%

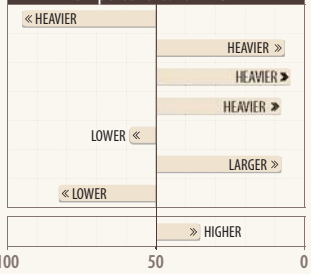
8119U x 1282Y

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	48%	16%	3%	16%	2%	11%	3%	2%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+3.4	64%
+9	200-day Wt (kg)	+18	61%
+14	400-day Wt (kg)	+30	61%
+18	600-day Wt (kg)	+37	60%
+1	milk (kg)	+1	55%
+0.4	eye muscle area (sq.cm)	+1.9	52%
+0.1	IMF (%)	-0.2	53%
+$20	fullblood feedlot index	+$25	



9272W TF ITOHANA 2 X SANJIROU 36.6% IMF

Born in July 2011, **LMR MS HIRASHIGETAYASU 1282Y** comes from a large family of promising **Sanjirou** progeny, adding impressive marbling to the famed **ETJ001** growth legacy. **ETJ001 ranks in the top 1% for Carcass Weight, 600 Day-Weight, Mature-Weight, REA and Milk BREEDPLAN EBVs** based on almost 4,000 FB Wagyu bulls – talk about Growth! ETJ001 coupled to a Tajima-sired dam seems to be the perfect combination for creating fantastic breeding females.

Her prolific dam is **LMR Ms Sanjirou 713T** who has given us 18 offspring: **one TF Itohana 2 steer produced a 36.6% IMF carcass (9272W – see photo at right)** for the Lone Mountain Wagyu beef program; and two outstanding sisters by **Shigeshigetani** are in the sale (**1207Y**: Lot #51; and **1210Y**: Lot #28). Note that **713T** has produced an extraordinary 93 viable embryos for LMCC in only 9 flushes (including 27 in a single flush in March 2010 – and **713T** sells in this sale as Lot #33.

With this dam's daughter, you can anticipate **1282Y** will add incredible value to your herd for her dam's fertility and mothering alone, but don't overlook this pedigree as well! With **Sanjirou** and **Takazakura** on the maternal side, this composite breeding female has 51% **Tajima**, 19% **Kedaka**, and 17% **Okayama**, with an EBV screaming growth and a Fullblood Feedlot Index of +$25.

1282Y was AI'd to **Yojimbo**, due in November, if confirmed bred. **As if that's not enough, 1282Y tested Homozygous AA for the SCD gene!**

LOT 14

LMR MS YASUFUKU 1254Y

registration no. **FB12399** birthdate **07/03/2011** scd **AA**

sire YASUFUKU JR FB5061	YASUFUKU J930 FB576	KANEKO 5 FB5071
dam LMR MS SANJIROU 767T FB7795	SANJIROU FB2501	NAKAZAKURA FB2425

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	69%	1%	1%	13%	5%	1%	1%	9%

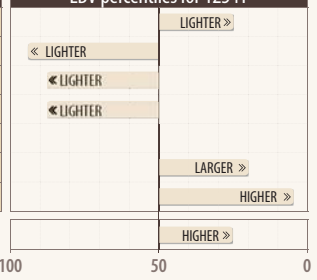
14709/1441Y x 1254Y

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	66%	3%	0%	14%	5%	4%	0%	6%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-0.4	62%
+9	200-day Wt (kg)	+1	57%
+14	400-day Wt (kg)	+3	57%
+18	600-day Wt (kg)	+4	55%
+1	milk (kg)	-	-
+0.4	eye muscle area (sq.cm)	+1.2	42%
+0.1	IMF (%)	+0.7	42%
+$20	fullblood feedlot index	+$30	



If you are looking to bring a gentle cow with intense marbling traits to your herd, stop here and pay attention to **LMR MS YASUFUKU 1254Y**. **1254Y** ranks in the top 5% for IMF EBV and registered a 400-day scan of 6.23% IMF, which is just about as good as it gets. Her sire, **Yasufuku Jr is the #1 Dam Sire in the 2014 SPS** with an average 35.04% IMF across 13 imaged carcasses. He was also #2 IMF Sire with an average IMF of 33.10% based on 9 carcass images; #2 when ranked by USDA Grade; and #2 in REA (14.67) based on 11 carcasses.

With **Yasufuku Jr.**, **Sanjirou**, and **Itomichi** as foundation sires decorating this outstanding animal's pedigree, it's no wonder what a prized specimen she's turned out to be. As a matter of fact, **1254Y's** dam, **LMR Ms Sanjirou 767T**, is sister to LMR herd sire, **Kenichi 807T** – and before she was sold, **767T** produced 74 viable embryos in just 8 extraordinary flushes. Fertility is a heritable trait in our experience, so it is no wonder that as a virgin heifer, **1254Y** in her first and only flush, produced 8 viable embryos.

1257Y YASUFUKU JR X SANJIROU 39.84% IMF

1257Y, a full brother of 1254Y, was harvested in December measuring 39.84% IMF (see photo at right). A half sib by **ETJ001 Z278** was harvested and graded VAB60. Another sister, **2460Z**, is in this sale at lot #21. Take note: the Fullblood Feedlot Index (FFI) for this animal is a fetching +$30 – a winner on the sizing side as well.

Born July 2011, **1254Y** is due in August with a calf by one of our outstanding **Kitaguni** herd sires: **LMR Koichi 1409Y** & **LMR Katsumi 1441Y**. We have found quite a "nick" with **Yasufuku Jr** x **Kitaguni Jr** breedings: potent, celebrated marbling! **In addition, 1254Y has tested Homozygous AA for the SCD gene**.

LMR MS KITAGUNI 3423A

LOT 15

registration no. **FB16401** birthdate **03/21/2013** scd **VA**

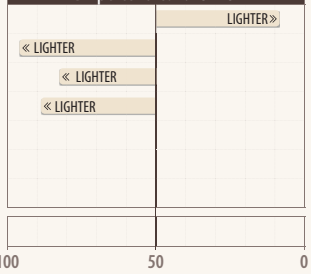
sire KITAGUNI JR FB2422	KITAGUNI 7 NO 8 J1530 FB581	NAKAYUKI J13943 FB2893
dam LMR MS TOSHIRO 1/3 9334W FB10752	LMR TOSHIRO 1/3 (723T) FB7475	LMR MS SANJIROU 4P 704T FB7452

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
C	42%	9%	0%	28%	9%	9%	1%	2%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-1.3	62%
+9	200-day Wt (kg)	0	57%
+14	400-day Wt (kg)	+5	56%
+18	600-day Wt (kg)	+5	54%
+1	milk (kg)	-	-
+0.4	eye muscle area (sq.cm)	-	-
+0.1	IMF (%)	-	-
+$20	fullblood feedlot index	-	



Born March of 2013, **LMR MS KITAGUNI 3423A** is another outstanding up-and-coming virgin heifer who will be ready to enhance your herd shortly upon arrival.

On her paternal side is **Kitaguni Jr.** whose sire, **Kitaguni 7 No 8**, is heralded as one of the top three Wagyu in Japan by Kenichi Ono. You can expect wonderful daily gain and meat quality as well as high heritability from this foundation sire's existence in **3423A's** pedigree. Further, **Kitaguni is ranked as the #1 IMF Sire in the 2014 LMR Sire Performance Study (SPS) with an average of 35.31% with 9 carcass imaged results**. **Evidence proving his brilliance is shown at right**. We fully expect **Kitaguni Jr** to distinguish himself in the SPS Dam Sire rankings in the near future.

1248Y KITAGUNI JR X ITOHANA 2_44.53% IMF

Remember **LMR Toshiro 1/3 723T** ranks in BREEDPLAN's top 10% for Ribeye Area EBV and in the top 5% for Growth EBV (Weights) as measured against almost 3,900 Fullblood Wagyu sires. **LMR Toshiro 1-3 723T ranks #1 for Carcass Weight (average 1058 lbs)** and #4 in IMF%, with an average IMF of 31.26% based on 10 actual carcass results in the 2014 LMR Sire Performance Study (SPS).

In other words, expect excellent growth and milking traits as well as marbling to be passed on to progeny of this outstanding heifer.

With the exceptional **Bar R Sanjirou 4P** on her maternal side, you can count on larger progeny expressing outstanding marbling. **3423A's** dam is **LMR Ms Toshiro 1/3 9334W**, also in the sale as Lot #47. **At right is pictured a ribeye from a full brother to 9334W**.

9341W TOSHIRO X SANJIROU 4P 37% IMF

LOT 16

LMR MS YASUFUKU 2427Z

registration no. **FB14924** birthdate **10/19/2012** scd **AA**

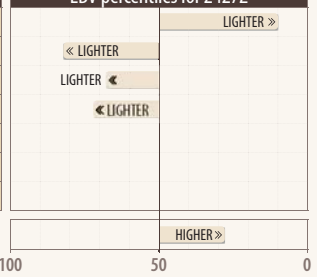
sire YASUFUKU JR FB5061	YASUFUKU J930 FB576	KANEKO 5 FB5071
dam LMR MS TOSHIRO 1/3 0118X FB10935	LMR TOSHIRO 1/3 (723T) FB7475	LMR MS TAK-3612 735T FB7767

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	67%	5%	1%	15%	2%	1%	0%	8%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-1.1	77%
+9	200-day Wt (kg)	+4	69%
+14	400-day Wt (kg)	+10	69%
+18	600-day Wt (kg)	+11	64%
+1	milk (kg)	-	-
+0.4	eye muscle area (sq.cm)	-	-
+0.1	IMF (%)	-	-
+$20	fullblood feedlot index	+$29	



LMR MS YASUFUKU 2427Z is another ultrasound scan phenomenon. She topped a 400-day scan at 6.94 IMF! Born October 2012, **2427Z** comes from dam **LMR Ms Toshiro 1-3 0118X** who also had a remarkable IMF scan at 6.4%. Dam **0118X** (in the sale as Lot #31) descends from **Dai 7 Itozakura** – regarded by Kenichi Ono as a "fabulous" bull, he is famous and popularly used throughout Japan – and brings **Dai 7's** strongest points as far as daily gain and gentle nature.

Yasufuku Jr is the #1 Dam Sire in the 2014 LMR Sire Performance Study, averaging 35.04% IMF with 13 carcasses imaged and the data calculated by Dr. Kuchida's software program. **Yasufuku Jr** is the second leading IMF sire in our study with an average 33.10% IMF based on 9 carcasses – and has the rank of #2 in REA, based on 11 readings by the USDA. Kenichi Ono considers **Yasufuku Jr's** sire, **Yasufuku J930**, to be the very best of Tajima breeding – and says, "There is only one **Yasufuku** and **Shigeshigenami**". **See Yasufuku performance as Sire and Dam Sire pictured at right**.

With **LMR Toshiro 1-3 723T** on the maternal side you can expect greatness in meat quality and growth and yield. **723T** ranks in the top 10% for Ribeye Area and in the top 5% for Growth in his BREEDPLAN EBVs – **and he is ranked #1 by Carcass Weight in the LMR SPS (1058 lbs.; 10 carcasses measured)**. No wonder **2427Z** has a $FFI to echo the economic investment potential here: +29.

2427Z sells as a 17 month-old open heifer, ready to breed or flush. **She tested Homozygous AA for the SCD Gene**.

9310W YASUFUKU JR X 4P 42.1% IMF

8169U ITOSHIGEFUJI TF147 X YASUFUKU JR 44.0% IMF

LMR MS HIRASHIGE-Z278 2398Z

LOT 17

registration no. **FB14545** birthdate **08/31/2012** scd **AA**

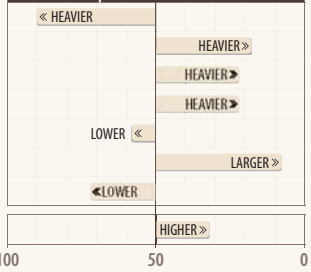
sire WW HIRASHIGETAYASU Z278 FB8376	HIRASHIGETAYASU ETJ001 FB670	OHYURIHIME FB8376
dam LMR MS MICHIFUKU 612S FB6430	MICHIFUKU FB1615	JVP MS KIKUSHIGE 08E FB3086

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	60%	20%	6%	1%	2%	7%	0%	3%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+2.8	76%
+9	200-day Wt (kg)	+14	68%
+14	400-day Wt (kg)	+21	66%
+18	600-day Wt (kg)	+27	65%
+1	milk (kg)	+1	55%
+0.4	eye muscle area (sq.cm)	+1.9	47%
+0.1	IMF (%)	-0.1	47%
+$20	fullblood feedlot index	+$26	



Born August of 2012, **LMR MS HIRASHIGE-2398Z 2398Z** has some big proverbial shoes to fill. Her dam **LMR Michifuku 612S** is one of our most outstanding breeding cows; she measured 7.11% IMF at 400 days – and has produced for Lone Mountain 16 progeny so far, one of which is in today's sale: Lot #1. **LMR Ms Haruki 1202Y** who, along with her calf **3496A**, were named **2014 Grand Champion Fullblood Wagyu Cow-Calf Pair at the National Western Stock Show in Denver**.

WW Hirashigetayasu Z278 is an Australian-bred combination of the three Westholme Foundation Sires: **ETJ001**, **ETJ002** and **ETJ003** – growth, milk and marbling, all in one package.

Other progeny of **2398Z's** dam, **612S**, includes a carcass by **Sanjirou** that measured 38.88% IMF, and two carcasses by **Toshiro**: 33.2% and 32.2% IMF. Expect the potential marbling traits to be passed on by **2398Z's** offspring. **See picture at right of 2398Z's brother by Sanjirou (9304W).**

To color in the picture even more, there's marvelously marbling **Michifuku** as Dam Sire and the ever-popular **JVP Kikuyasu 400** as Grand-Dam Sire, not to mention an above average $FFI (+26) making 2398Z a powerful lot on the docket on sale day. Big shoes to fill, and she'll fill 'em.

2398Z is an 18-month old open heifer – ready to be flushed or bred – your choice. **She tested Homozygous AA for the SCD Gene**.

9304W SANJIROU X MICHIFUKU 38.88% IMF

LOT 18

LMR MS KITAGUNI 2354Z

registration no. **FB14521** birthdate **06/06/2012** scd **AA**

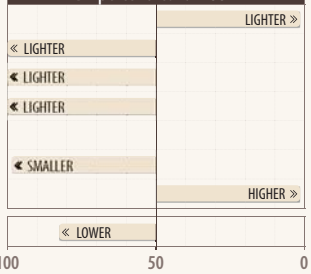
sire KITAGUNI JR FB2422	KITAGUNI 7 NO 8 J1530 FB581	NAKAYUKI J13943 FB2893
dam LMR MS YASUFUKU JR 9337W FB10741	YASUFUKU JR FB5061	LMR MS SANJIROU 601S FB6286

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	61%	7%	0%	14%	6%	7%	0%	4%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-2.3	74%
+9	200-day Wt (kg)	-11	67%
+14	400-day Wt (kg)	-15	67%
+18	600-day Wt (kg)	-24	63%
+1	milk (kg)	-	-
+0.4	eye muscle area (sq.cm)	-1.7	47%
+0.1	IMF (%)	+0.9	49%
+$20	fullblood feedlot index	+$5	



We are highly selective in our breeding choices, particularly for those animals aimed for the Lone Mountain Fullblood beef program. Our mission is to produce consistently the most highly marbled beef in the country. So when we say we have found a marbling 'nick', you can rest assured that that sweet spot of breeding combination is truly outstanding. Born in June 2012, **2354Z** proves her pedigree with an eye-popping EBV of +0.9 – she's in the top 3% of 37,641 Wagyu Dams analyzed by BREEDPLAN.

And that's true with the **Kitaguni Jr.** x **Yasufuku Jr.** nick, present in the pedigree of **LMR MS KITAGUNI 2354Z**. **Those two sires are ranked as #1 and #2 IMF% sires in the 2014 LMR Sire Performance Study, averaging 35.3% and 33.1%, respectively. In addition, Yasufuku Jr is the #1 Dam Sire. See an example of this "nick" at right**.

2354Z's dam is **LMR Ms Yasufuku Jr 9337W** who produced 6 viable embryos in her first flush, resulting in 4 calves by **Kitaguni Jr**. **9337W** is in the sale as Lot #7. **9337W's full brother was 9344W who was harvested in the Lone Mountain Fullblood Wagyu beef program and resulted in a 37% IMF and a scale-topping VAB100 USDA marbling score**.

2354Z has been AI'd to **Itomichi 1-2**, and if bred would be due in November. Otherwise, she sells as open and ready to flush or breed. **She has tested homozygous AA for the SCD Gene**.

8166U KITAGUNI JR X YASUFUKU JR 50.2% IMF

9344W YASUFUKU JR X SANJIROU 37.1% IMF

LMR MS YASUFUKU 3411A

LOT 19

registration no. **FB15676** birthdate **03/15/2013** scd **VA**

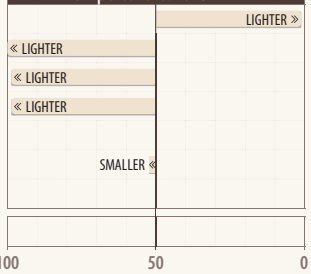
sire YASUFUKU JR FB5061	YASUFUKU J930 FB576	KANEKO 5 FB5071
dam LMR MS ITOSHIGENAMI 8107U FB8622	ITOSHIGENAMI TF148 FB3682	BR MS MICHIFUKU T4E 8605 FB4473

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
B	81%	3%	1%	6%	0%	0%	0%	9%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	-2.3	57%
+9	200-day Wt (kg)	-5	57%
+14	400-day Wt (kg)	-8	56%
+18	600-day Wt (kg)	-9	54%
+1	milk (kg)	-	-
+0.4	eye muscle area (sq.cm)	+0.3	43%
+0.1	IMF (%)	-	-
+$20	fullblood feedlot index	-	



LMR MS YASUFUKU 3411A is a promising young heifer born in March of 2013. This is an 81% **Tajima** pedigree so expect outstanding meat quality from her and her progeny. **3411A** is sired by **Yasufuku Jr**, one of the most highly marbling of animals in our Lone Mountain Fullblood Wagyu beef program, as evidenced by her #2 ranking for both IMF (average 33.10% based on 9 actual carcass readings) and USDA Grade (averaging a grade of AB80 on 11 carcasses) in the inaugural 2014 LMR Sire Performance Study.

In addition and most importantly, Yasufuku Jr is the top-ranked Dam Sire (based on 13 carcass images). He sired 9339W, pictured at right, who was assessed not only 46.40% IMF – but with Dr. Keigo Kuchida's software, computed a genuine 6.8 Japanese BMS (2008 version). In context: in Osaka the average BMS currently stands at 5.7.

And there is more: **3411A's dam sire is Itoshigenami TF148**. **Based on USDA Grade in the Study, TF148 is the #1 Sire with an average grade of AB100** and in the IMF department he ranks #3, behind only **Kitaguni Jr** and **Yasufuku Jr**. **TF148** is descended from **Shigeshigenami**, regarded by Kenichi Ono as the bull most representative of "meat-quality Wagyu" and has written "There is only one **Yasufuku** and one **Shigeshigenami**".

The major assets of the **Shigeshigenami** line include a high degree of marbling and a high probability of those good characteristics being passed down to progeny. In addition, **TF148** was claimed by Blackmore to be one of the top three bulls ever leave to Japan. **An example of his brilliant marbling is shown at right**.

As you can tell this **Tajima** pedigree is simply superb and we are proud to offer her in this sale. A full sister to **3411A**, **3449A** is in the sale as Lot #27. We are equally proud of that offering.

9339W YASUFUKU JR X SANJIROU 4P 46.4% IMF

0181X ITOSHIGENAMI TF148 X ITOMICHI-0632 41.01% IMF

LOT 20

LMR FUMIKO 8113U

registration no. **FB8628** birthdate **02/02/2008** scd **AA**

sire BAR R 12P TAK LMR FB5665	BAR R TAKAZAKURA 1K FB4954	JVP MS FUKUSHIGE T10E FB3090
dam BAR R 5P FB5704	SANJIROU FB2501	MISS BAR R 321H FB4209

GROUP	TAJIMA	KEDAKA	TOTTORI	ITOZAKURA	SHIMANE	OKAYAMA	HIROSHIMA	OTHER
D	74%	8%	4%	2%	0%	6%	2%	5%

2013 November WAGYU Group BREEDPLAN
based on 41,500 Wagyu Group herd

BREED Avg. EBVs
2012 born calves

EBV	TRAIT	EBV	ACC
+0.8	birth weight (kg)	+0.5	63%
+9	200-day Wt (kg)	+5	64%
+14	400-day Wt (kg)	+8	62%
+18	600-day Wt (kg)	+7	59%
+1	milk (kg)	-6	47%
+0.4	eye muscle area (sq.cm)	-2.0	39%
+0.1	IMF (%)	+0.3	40%
+$20	fullblood feedlot index	+$6	

In comes another progeny from one of the best breeding families we've ever known. Born February of 2008, **LMR FUMIKO 8113U** is a 74% **Tajima** beaut stacked with a pedigree worth noting. Sired by **Bar R 12P Tak**, **8113U** brings **Sanjirou** and **Michifuku** on her maternal side.

8113U is the dam of one of our newest herd sires, LMR Masahiro 2422Z, sired by LMR Toshiro 723T. This new sire will bring growth as well as marbling, having scanned a superlative 4.72% IMF, one of the highest scoring bulls in our battery.

Pay special attention to her dam: **Bar R 5P**. Three of our beef steers were out of **5P**, one of LMR's original females, bought from another of our mentors from Washington State, Jerry Reeves, in 2005. We harvested them in our beef program before we had the carcass camera up and running, but two of them achieved very compelling marbling.

5P is a sister of one of our very best breeding cows, BR Ms Yasufuku 0645, who produced the 50.2% carcass pictured at right. Other siblings of **5P** include **BR Kitateruyasudoi 0632** and the dam of **Bar R Ichiro 32R**. **8113U's** sister by **BR Itomichi-0602 4632** (**806T**), is in the sale as Lot #70.

8113U's dam sire, **Sanjirou**, ranks as the #4 Dam Sire in the 2014 LMR Sire Performance Study with an average IMF of 28.83% computed from actual images of 25 carcasses harvested by Lone Mountain. And in that same study, **Sanjirou ranks #1 for REA** with an average of 14.83 as measured by the USDA. **An example of Sanjirou's work is pictured at right**.

8113U is exposed to **ETJ001** and due in November. **She tested Homozygous AA for SCD Gene**.

8166U KITAGUNI JR X YASUFUKU JR 50.2% IMF

0104X HIKOSHIGEFUJI Y342 X SANJIROU 38.04% IMF