



GENOMIC

Gems

ONLINE SALE EDITION 1

02.22.2021

www.Wagyu365.com

8:00 A.M. TO 8:00 P.M. E.S.T.

FEATURING ONLY THE FINEST
IN FULLBLOOD WAGYU GENETICS.

We are excited to announce our 1st Genomic Gems Sale. It is our goal to provide an offering of elite genomic and proven EBV genetics in this sale. There are a variety of elite high ranking proven and genomic sires stacked on donors of superior maternal lines. These donors possess superior pedigrees packed with carcass proven sires. These superior maternal lines include the Suzutani and Hikokura families in this sale. Suzutani is the famous dam of Shigeshigetani, Sanjiro 3, Sanjirou, and Kanadagene 100. The Hikokura maternal line has produced the super sires Mayura Itoshigenami JNR, Sumo Cattle Co Michifuku F154, and Coates Itoshigenami G113. This catalog represents some of the best genetics the Wagyu breed has to offer!

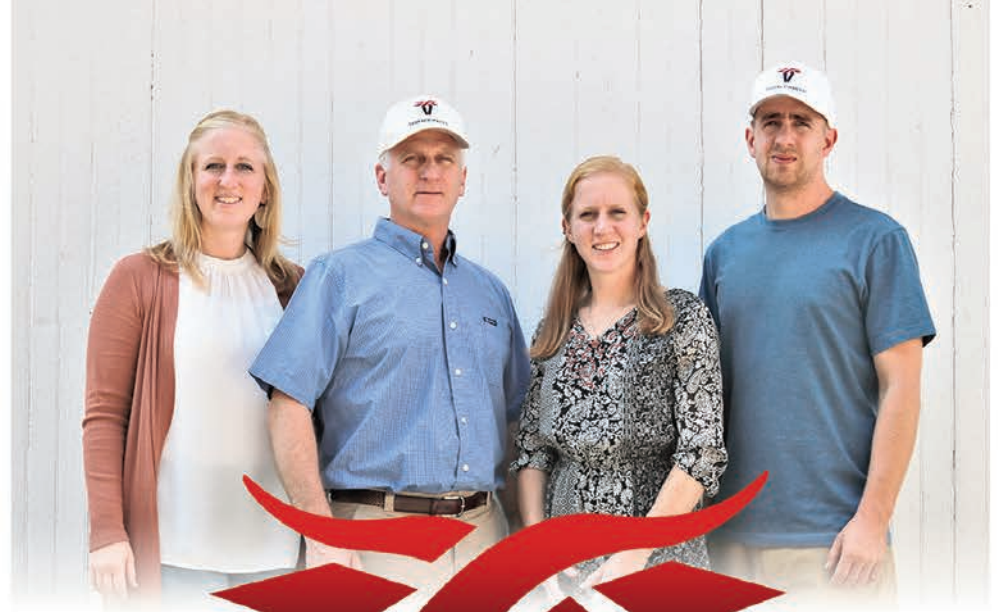
Loren and Mitchell Ruth,
Synergy Wagyu

Who Are We...

LOREN & MITCHELL RUTH

Owners, Synergy Wagyu

Synergy is a two-generation family business that maintains a herd of fullblood Wagyu in the United States (Pennsylvania) and has satellite herds in South Africa and Australia. Synergy is focused on breeding elite Wagyu genetics from superior maternal lines and high genetic merit sires. Synergy utilizes their extensive experience breeding dairy cattle to breed superior Wagyu beef. We have our own branded beef line Stonyrun Farms which is used to verify our breeding program.



SYNERGY
WAGYU

USA • AUSTRALIA • SOUTH AFRICA

Loren Ruth, 484.369.9590 or Mitchell Ruth, 484.369.9588

446 Stony Run Road, Spring City, PA 19475

loren@stonyrungenetics.com | www.synergywagyu.com

GENOMICS OVERVIEW

The Australian EBVs are a key tool for Wagyu breeders seeking to make informed breeding decisions. Here we have included a few tables showcasing this data. EBVs/EPDs are an integral part of any breed looking to make steady genetic progress because they allow for the comparison of animals across different production systems and times through genetic linkage and herd mate deviations. EBVs/EPDs are especially useful in highlighting the strengths and weaknesses of cattle numerically, allowing for easier management and mating. The Australian Breedplan system has become the largest Wagyu EBV/EPD database outside of Japan with more than 101,000 dams and 11,700 sires. Breedplan data includes more than 31,500 birth weights, 33,500 weaning (200 Day) weights, 28,000 400 Day weights, Fullblood carcass data of 9,500 carcass weights, 5,700 carcass EMAs, and a total of 9,100 carcass AUS-Meat marble scores, camera marbling percent and camera fineness index measures. Breedplan now offers genomic testing based on all this data for traits including MS, MF, CW, REA, 200D Wt, 400D Wt, 600D Wt, and more. This genomic testing is 50K SNP profile-based genomics (Cattle Industry Leading Technology) which has been able to push the accuracy of EBVs higher yet. The new Breed Object indexes such the Self Replacing Index are fantastic tools for Wagyu breeders to initially sort and evaluate animals for their relative genetic value for varying end goals.

AUCTION // Money and proceeds will be conducted under Randall O. Ratliff DBA R & R Marketing, P.O. Box 60097, Nashville, TN 37206. Bond # 7901027402 (U.S. Department of Agriculture, Grain Inspection, Packers and Stockyards Administration Packers and Stockyards Program)

PAYMENT // All lots will be collected in USD. All lots must be paid for in a timely manner following the conclusion of the sale unless prior payment arrangements have been made with any representative of Wagyu365. Due to the slow nature of the postal system at the moment, we ask at the conclusion of the sale that you pay by wire transfer, credit card, or priority mail your check with tracking to ensure we receive your payment. (3% service charge applies to the total sum of your purchase for all credit card payments)

If you are an international bidder, Please email ABBY@WAGYU365.COM with questions and help with registration.

(If you have bid in a previous sale, you do not need to re-register. Your email/password login will remain the same. If you have forgotten your password, click below to reset it.)



Sales Representative	Randall O. Ratliff	615.330.2735	Randy@wagyu365.com
Sales Representative	Kiley McKinna	402.350.3447	Kiley@wagyu365.com
Office Management	Abby Lane	919.618.8098	Abby@wagyu365.com
International Affairs	P J Budler	682.597.0380	PJ@wagyu365.com

LOT 1

2 CONVENTIONAL, GRADE #1 EMBRYOS

Located at Keystone Embryo Transfer, Greencastle, PA; Domestic only

WESTHOLME NAMIYOSHI 4	ITOSHIGENAMI
WESTHOLME HIRAMICHI TSURU	BALD RIDGE HAYAFUKU Z119
WESTHOLME HIRA Z0084	HIRASHIGETAYSU J2351 HONGEN
	WESTHOLME HATSU V136
WORLD K'S MICHIFUKU	MONJIRO J11550
SYNERGY SYN MICH SUZI 158D	MICHIKO J655635
STONYRUN ID 151 SUZITO 3	ITOURUDOI TF 151
	SUZUTAKA 2

Lot 1 is a pairing of the best Tajima and Kedaka maternal lines in the Wagyu breed, Suzutani and Hatsuhi! The donor dam here has one of the best combinations of elite genomic EBVs with a top-notch pedigree to back it up. She is a World K's Michifuku daughter of the \$52,000 Suzito 3 cow Bar V Wagyu bought in our 2018 sale. Her sire stack reads Michifuku x TF 151 x Takazakura (Shikikan's Full Sister) x Suzutani! The sire is one of Westholme's best proven all-round sires, Westholme Hiramichi Tsuru. He has bred leading EBVs and is one of only 5 sires with the combination of 1.2 MS, 44 CW, and 4 Milk. His semen is virtually impossible to find and has sold for up to \$2,000/ straw at Auction! His maternal line, the Hatsuhi, is widely considered the best Kedaka/Tortori female line exported from Japan. Having produced elite sires such as Kitahatsuhi 97/1, Peppermill Grove D139, Longford F E0241, and Goorambat Doublesixty K473. These embryos are a unique mating of elite Kedaka (Hatsuhi) and Tajima (Suzutani) cow families that should not be overlooked!



SIRE: Westholme Hiramichi Tsuru



DAM: Synergy Syn Mich Suzi 158D

EBV'S FOR LOT 1 EMBRYOS ...

	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)	RUMP FAT (mm)	RETAIL BEEF YIELD (\$)	MARBLE SCORE	MARBLE FINENESS (%)	WAGYU BREEDER INDEX	SELF REPLACING INDEX	FULLBLOOD TERMINAL INDEX	F1 TERMINAL INDEX	
WESTHOLME HIRAMICHI TSURU	+2.1	+5.6	+28	+48	+56	+54	+4	+2.1	+44	+0.3	+1.6	-0.4	+1.2	+0.28	+\$255	+\$234	+\$215	+\$178	
SYNERGY SYN MICH SUZI 158D	-1.0 +0.6	+0.1 +2.8	+5 +17	+5 +27	+6 +31	+13 +34	-7 -2	+1.4 +0.4	+5 +25	+5.9 +3.1	-0.5 -0.6	+0.9 +0.3	+1.1 +1.1	+0.36 +0.32	+\$163 +\$209	+\$182 +\$208	+\$129 +\$172	+\$127 +\$153	
INBREEDING COEFFICIENT		4%		MIN./ (AVG.) GENERATION				5/ (8.0)											
BREED AVG. EBV'S FOR 2019 BORN CALVES	+0.1	+1.0	+10	+16	+19	+20	+1	-0.1	+15	+1.3	+0.0	+0.0	+0.8	+0.16	+139	+139	+118	+108	

LOT 2

3 CONVENTIONAL, GRADE #1 EMBRYOS

Located at Keystone Embryo Transfer, Greencastle, PA; Exportable to Australia & South Africa

SUMO CATTLE CO MICHIFUKU F154 WORLD K'S MICHIFUKU
SUMO CATTLE CO MICHIFUKU L195 SUMO CATTLE CO TANI C016
 COATES NAMI D270 SUMO ITOSHIGENAMI X0081
 SUMO RUNO W1531
 WORLD K'S MICHIFUKU MONJIRO J11550
SYNERGY SYN MICH SUZI 158D MICHIKO J655635
 STONYRUN ID 151 SUZITO 3 ITOZURUDOI TF 151
 SUZUTAKA 2

Another lot of embryos from the marvelous SYNERGY SYN MICH SUZI 158D donor! She needs little introduction with her elite pedigree of Michifuku x TF 151 x Takazakura (Shikikan's Full Sister) x Suzutani! Her dam is the famous \$52,000 Suzito 3 cow, who Bar V Wagyu bought in our 2018 sale. She has elite genomic EBVs including a +1.1 MS, +5.9 REA, and +0.36 MF! She is paired with the high genomic EBV sire Sumo Cattle Co Michifuku L195, who's semen is not commercially available. Sumo L195 is currently the 8th highest Self Replacing Index bull in the breed! He is a son of the well know Sumo F154 sire but ranks higher on the Self Replacing Index, led by his tremendous growth and carcass weight EBVs. His elite GEBVs include a +27 200D Wt, +40 400D Wt, +62 600D Wt, +54 Carcass Wt, and +1.8 MS! He is backed by an elite Sumo breeding featuring marbling and growth back to Takeda Farms import cow TF Hikohime ¾. These embryos merge the elite carcass traits of the Suzutani maternal line with the tremendous growth and carcass weight of the Hikokuras!



SIRE: Sumo Cattle Co Michifuku L195



DAM: Synergy Syn Mich Suzi 158D

EBV'S FOR LOT 2 EMBRYOS ...

	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)	RUMP FAT (mm)	RETAIL BEEF YIELD (\$)	MARBLE SCORE	MARBLE FINENESS (%)	WAGYU BREEDER INDEX	SELF REPLACING INDEX	FULLBLOOD TERMINAL INDEX	F1 TERMINAL INDEX	
SUMO CATTLE CO MICHIFUKU L195	-0.7	+4.9	+27	+40	+62	+63	-3	+0.1	+54	+1.4	-1.0	0.0	+1.8	+0.40	+\$331	+\$328	+\$260	+\$223	
SYNERGY SYN MICH SUZI 158D	-1.0	+0.1	+5	+5	+6	+13	-7	+1.4	+5	+5.9	-0.5	+0.9	+1.1	+0.36	+\$163	+\$182	+\$129	+\$127	
	-0.9	+2.4	+16	+23	+34	+38	-5	-0.6	+30	+3.7	-0.8	+0.5	+1.5	+0.38	+\$247	+\$255	+\$195	+\$175	
INBREEDING COEFFICIENT		12%		MIN./ (AVG.) GENERATION				5/ (8.3)											
BREED AVG. EBV'S FOR 2019 BORN CALVES	+0.1	+1.0	+10	+16	+19	+20	+1	-0.1	+15	+1.3	+0.0	+0.0	+0.8	+0.16	+139	+139	+118	+108	

LOT 4

4 CONVENTIONAL, GRADE #1 EMBRYOS

Located at Keystone Embryo Transfer, Greencastle, PA; Exportable to Canada, EU, Australia, South Africa

WORLD K'S MICHIFUKU
SUMO CATTLE CO MICHIFUKU F154
 SUMO CATTLE CO TANI C016

ITOSHIGENAMI
MS SIGENAMI
 LAKE WAGYU F X002

MONJIRO
 MICHIKO
 TF TERUTANI 40/1
 TF HIKOHIME 34/3
 SHIGESHIGENAMI
 FUKUYUKI
 ITOZURUDOI TF151
 CAMPANELLA MICH TEKA ITO

The donor dam here is our amazing MS Sigenami cow. She is a Hikokura maternal line cow with an impressive sire stack of TF 148 x TF 151 x Michifuku x Itohana 2 x Hikokuras. She has elite genomic EBVs of +1.6 MS and +0.34 MF and has produced one carcass in our program with a Marble Score of 9 on the AUS-MEAT Scale, 16.01 In2 REA, and 892 lbs HCW all at only 27 Months and 410 DOE. This elite marble score with a large ribeye area spells PROFIT for any branded beef line. The sire is the world-renowned SUMO CATTLE CO MICHIFUKU F154. He has elite Breedplan EBVs of +2.2 MS, +0.54 MF, +47 CW, elite growth, top 1% Indexes and is backed by 28 carcasses! He has also averaged an incredible 8.6 MS with a 1,016 lbs HCW in the Sumo herd on 21 carcasses. These embryos bring together the best of proven and high genomic Hikokura sires and donors with carcass data to back them up!



SIRE: SUMO Cattle Co Michifuku F154



DAM: MS Sigenami

EBV'S FOR LOT 4 EMBRYOS ...

	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)	RUMP FAT (mm)	RETAIL BEEF YIELD (\$)	MARBLE SCORE	MARBLE FINENESS (%)	WAGYU BREEDER INDEX	SELF REPLACING INDEX	FULLBLOOD TERMINAL INDEX	F1 TERMINAL INDEX
SUMO CATTLE CO MICHIFUKU F154	+0.6	+2.3	+16	+29	+41	+35	-5	-0.3	+47	+1.9	+1.1	-0.6	+2.2	+0.54	+\$297	+\$318	+\$270	+\$249
MS SIGENAMI	+0.1	-0.4	+4	0	-3	+4	-2	-1.1	+5	+1.9	+0.8	-0.6	+1.6	+0.34	+\$127	+\$150	+\$132	+\$138
	+0.4	+1.0	+10	+15	+19	+20	-4	-0.7	+26	+1.9	+1.0	-0.6	+1.9	+0.44	+\$212	+\$234	+\$201	+\$194

INBREEDING COEFFICIENT **7%**

MIN./ (AVG.) GENERATION **5/ (7.7)**

BREED AVG. EBV'S FOR 2019 BORN CALVES

+0.1	+1.0	+10	+16	+19	+20	+1	-0.1	+15	+1.3	+0.0	+0.0	+0.8	+0.16	+139	+139	+118	+108
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LOT **5**

4 CONVENTIONAL, GRADE #1 EMBRYOS

Located at Keystone Embryo Transfer, Greencastle, PA; Exportable to Canada, EU, Australia, South Africa

WORLD K'S MICHIFUKU
SUMO CATTLE CO MICHIFUKU F154
 SUMO CATTLE CO TANI C016

WORLD K'S HARUKI 2
SYNERGY HARU Y5 SUZU
 RSC MS MICHISURU Y-5

MONJIRO
 MICHIKO
 TF TERUTANI 40/1
 TF HIKOHIME 34/3
 MONJIRO
 SAKURA 2
 WORLD K'S MICHIFUKU
 BAR R MISS FUKU 34H

This lot is sired by is SUMO CATTLE CO MICHIFUKU F154, the breed leading proven bull who need little introduction. He has elite Breedplan EBVs of +2.2 MS, +0.54 MF, +47 CW, elite growth, top 1% Indexes and is backed by 28 carcasses! He has also averaged an incredible 8.6 MS with a 1,016 lbs HCW in the Sumo herd on 21 carcasses. His growth and carcass traits balance is an ideal match for this Suzutani maternal line donor. She has a sensational sire stack of Haruki 2 x Michifuku x JVP 068 x Takazakura x Haruki 2 (Full Sister to Shigeshigetani) x Suzutani! This donor, SYNERGY HARU Y5 SUZU, has genomic tested with the fantastic growth, maternal traits, and ribeye area of her sire Haruki 2. This coupled with her elite carcass traits maternal line of the Suzutanis should inspire confidence that these embryos will form a solid base for future breeding and flush programs. The mating predictor of these embryos shows them to excels in all areas; growth, maternal traits, carcass weight, ribeye area, marble score, and marble fineness!



SIRE: SUMO Cattle Co Michifuku F154



DAM: Synergy Haru Y5 Suzu

EBV'S FOR LOT 5 EMBRYOS ...

	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)	RUMP FAT (mm)	RETAIL BEEF YIELD (\$)	MARBLE SCORE	MARBLE FINENESS (%)	WAGYU BREEDER INDEX	SELF REPLACING INDEX	FULLBLOOD TERMINAL INDEX	F1 TERMINAL INDEX
SUMO CATTLE CO MICHIFUKU F154	+0.6	+2.3	+16	+29	+41	+35	-5	-0.3	+47	+1.9	+1.1	-0.6	+2.2	+0.54	+\$297	+\$318	+\$270	+\$249
SYNERGY HARU Y5 SUZU	-2.0 -0.7	-0.2 +1.0	+10 +13	+19 +24	+32 +37	+23 +29	+5 0	+0.6 +0.2	+27 +37	+4.5 +3.2	+1.7 +1.4	+0.5 0.0	+0.1 +1.2	+0.02 +0.28	+\$155 +\$232	+\$146 +\$232	+\$130 +\$200	+\$113 +\$181

INBREEDING COEFFICIENT **13%** MIN./ (AVG.) GENERATION **5/ (7.6)**

BREED AVG. EBV'S FOR 2019 BORN CALVES

	+0.1	+1.0	+10	+16	+19	+20	+1	-0.1	+15	+1.3	+0.0	+0.0	+0.8	+0.16	+139	+139	+118	+108
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LOT **6**

4 CONVENTIONAL, GRADE #1 EMBRYOS

Located at Keystone Embryo Transfer, Greencastle, PA; Exportable to Canada, EU, Australia, South Africa

SUMO CATTLE CO MICHIFUKU F154 WORLD K'S MICHIFUKU
CIRCLE8BULLS Q122 SUMO CATTLE CO TANI C016
 TRIG FARM AIZAKURA C118 ITOSHIGENAMI
 GEANCA AIZAKURA Y7303
 WORLD K'S HARUKI 2 MONJIRO
SYNERGY HARU Y5 SUZU SAKURA 2
 RSC MS MICHISURU Y-5 WORLD K'S MICHIFUKU
 BAR R MISS FUKU 34H

SYNERGY HARU Y5 SUZU has a sensational sire stack of Haruki 2 x Michifuku x JVP 068 x Takazakura x Haruki 2 (Full Sister to Shigeshigetani) x Suzutani! She has genomic tested with the fantastic growth, maternal traits, and ribeye area of her sire Haruki 2. This coupled with her elite carcass traits maternal line of the Suzutanis should inspire confidence that these embryos will produce balance profitable genetics for carcass production. The sire is the high genomic EBV sire Circle8Bulls Q122, who topped the 2020 Elite Wagyu Sale for \$42,000. He has GEBVs of +2.1 MS, +3.3 REA, +39 CW, and Top 1% Indexes! He is a Sumo F154 who exceeds his father and is stacked on the well regarded Aizakura maternal line. Again, these embryos will produce balanced and profitable genetics for carcass production while limiting risk!



SIRE: Circle8bulls Q122



DAM: Synergy Haru Y5 Suzu

EBV'S FOR LOT 6 EMBRYOS ...

	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)	RUMP FAT (mm)	RETAIL BEEF YIELD (\$)	MARBLE SCORE	MARBLE FINENESS (%)	WAGYU BREEDER INDEX	SELF REPLACING INDEX	FULLBLOOD TERMINAL INDEX	F1 TERMINAL INDEX
CIRCLE8BULLS Q122	+0.6	+2.3	+20	+26	+35	+30	0	-1.2	+39	+3.3	+1.2	-0.1	+2.1	+0.46	+\$302	+\$325	+\$264	+\$246
SYNERGY HARU Y5 SUZU	-2.0 -0.7	-0.2 +1.0	+10 +13	+19 +24	+32 +37	+23 +29	+5 0	+0.6 +0.2	+27 +37	+4.5 +3.2	+1.7 +1.4	+0.5 0.0	+0.1 +1.2	+0.02 +0.28	+\$155 +\$232	+\$146 +\$232	+\$130 +\$200	+\$113 +\$181

INBREEDING COEFFICIENT **8%** MIN./ (AVG.) GENERATION **5/ (8.2)**

BREED AVG. EBV'S FOR 2019 BORN CALVES +0.1 +1.0 +10 +16 +19 +20 +1 -0.1 +15 +1.3 +0.0 +0.0 +0.8 +0.16 +139 +139 +118 +108

LOT **7**

3 CONVENTIONAL, GRADE #1 EMBRYOS

Located at Keystone Embryo Transfer, Greencastle, PA; Exportable to Canada, EU, Australia, South Africa

WORLD K'S HARUKI 2
WORLD K'S SHIGESHIGETANI 1593
 WORLD K'S SUZUTANI

GENJIRO
SYNERGY SYN GENJ SUZU 66E
 SYNERGY HARU Y5 SUZU

MONJIRO
 SAKURA 2
 TANISHIGE 1526
 SUZUNAMI
 WORLD K'S HARUKI 2
 WORLD K'S OKUTANI
 WOLD K'S HARUKI 2
 RSC MS MICHISURU Y-5

The dam here is one of the highest Indexing Genjiro daughters in the breed! If that wasn't enough, she is from the Suzutani maternal, bringing together the legendary Okutani and Suzutani lines into a single pedigree that traces back to a full sister to Shigeshigetani. She has elite growth and carcass weight genomics all in the top 5% of the breed. She is paired with a fellow breed leading Suzutani maternal line sire in World K's Shigeshigetani. He is the perfect compliment to her growth and maternal traits with a +2.1 MS and +10.1 REA! His numbers are highly proven with an incredible 103 carcasses on his Breedplan proof now. These embryos are offer the rare opportunity to get a double bred Suzutani with elite breed leading parent average EBV's!



SIRE: World K's Shigeshigetani 1593



DAM: Synergy Syn Genj Suzu 66E

EBV'S FOR LOT 7 EMBRYOS ...

	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)	RUMP FAT (mm)	RETAIL BEEF YIELD (\$)	MARBLE SCORE	MARBLE FINENESS (%)	WAGYU BREEDER INDEX	SELF REPLACING INDEX	FULLBLOOD TERMINAL INDEX	F1 TERMINAL INDEX
WORLD K'S SHIGESHIGETANI 1593	-3.3	-1.9	+4	+9	+7	+13	0	+0.3	+6	+10.1	-2.6	+2.4	+2.1	+0.18	+\$236	+\$257	+\$236	+\$232
SYNERGY SYN GENJ SUZU 66E	-1.5	+2.3	+21	+37	+58	+46	+5	+1.5	+49	+3.2	+1.3	+0.5	+0.1	0.00	+\$227	+\$205	+\$174	+\$140
	-2.4	+0.2	+13	+23	+33	+30	+3	+0.9	+28	+6.7	-0.7	+1.5	+1.1	+0.09	+\$232	+\$231	+\$205	+\$186

INBREEDING COEFFICIENT **17%** MIN./ (AVG.) GENERATION **5/ (7.2)**

BREED AVG. EBV'S FOR 2019 BORN CALVES

	+0.1	+1.0	+10	+16	+19	+20	+1	-0.1	+15	+1.3	+0.0	+0.0	+0.8	+0.16	+139	+139	+118	+108
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LOT **8**

4 CONVENTIONAL, GRADE #1 EMBRYOS

Located at Keystone Embryo Transfer, Greencastle, PA; Exportable to Canada, EU, Australia, South Africa

MAYURA ITOSHIGENAMI JNR
ARUBIAL BOND Q007
 PEPPERMILL GROVE L0021

TF ITOMICHI 1/2
SYNERGY ITOMICHI HIKO 35C
 STONYRUN SHIG HIKOKURA 15

SUMO ITOSHIGENAMI
 MAYURA DAI NI KINNTOU 1
 MAYURA ITOSHIGENAMI JRN
 PEPPERMILL GROVE G037
 ITOMICHI J1158
 DAI 2 KINTOU
 WORLD K'S SHIGESHIGETANI 1593
 LMR MS ITOZURUDOI 8164U

A double bred Mayura Itoshigenami JNR need we say more! The sire here is Arubial Bond Q007, who is a Mayura Itoshigenami JNR x Mayura Itoshigenami JNR x Michifuku x Shikikan x JVP 068 x the Tetufuku maternal line. He boasts sky high genomic EBVs of +3.2 MS, +0.57 MF, and +10.3 REA!! He is mated to a high growth and maternal traits Hikokura donor in SYNERGY ITOMICHI HIKO 35C (ET). She is an Itomichi ½ daughter of the \$56,000 Stonyrun Hikokura 15 cow who sold to G\$ Ranches in our 2018 sale. Her genomic EBVs include a +17 200D Wt, +30 400D Wt, +42 600D Wt, +5 Milk, and +34 Carcass Wt. This mating of high carcass traits on elite maternal and growth traits will produce balanced cattle to increase profitability on any operation.



SIRE: Arubial Bond Q007



DAM: Synergy Itomichi Hiko 35C

EBV'S FOR LOT 8 EMBRYOS ...

	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)	RUMP FAT (mm)	RETAIL BEEF YIELD (\$)	MARBLE SCORE	MARBLE FINENESS (%)	WAGYU BREEDER INDEX	SELF REPLACING INDEX	FULLBLOOD TERMINAL INDEX	F1 TERMINAL INDEX
ARUBIAL BONG Q007	+0.5	+0.1	+4	+2	-10	+7	-2	-1.4	+7	+10.3	-0.1	+1.3	+3.2	+0.57	+\$247	+\$295	+\$259	+\$266
SYNERGY ITOMICHI HIKO 35C	-0.5 0.0	+2.1 +1.1	+17 +11	+30 +16	+42 +16	+37 +22	+5 +2	+1.1 -0.1	+34 +21	-2.4 +4.0	+0.8 +0.4	-0.8 +0.3	+0.4 +1.8	+0.06 +0.31	+\$164 +\$206	+\$147 +\$221	+\$136 +\$198	+\$113 +\$190

INBREEDING COEFFICIENT **7%** MIN./ (AVG.) GENERATION **6/ (8.5)**

BREED AVG. EBV'S FOR 2019 BORN CALVES

	+0.1	+1.0	+10	+16	+19	+20	+1	-0.1	+15	+1.3	+0.0	+0.0	+0.8	+0.16	+139	+139	+118	+108
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LOT 9

4 CONVENTIONAL, GRADE #1 EMBRYOS

Located at Keystone Embryo Transfer, Greencastle, PA; Exportable to Canada

DAI 10 MITSUMAU 76

HB BIG AL Q502

MTA AKIKO

BALD RIDGE HENSHIN

BRW LEOTIE 011D

KALANGA EMPRESS AKKIKO E126

DAI 2 MITSUMARU

GODAI J2739R

NAMIMARU J74R

MITSUKO B 9639

KALANGA KAJIKARI B0125

KALANGA STARMIKO B218

HEART BRAND RED EMPEROR

KALANGA TAMAKIKO B004

Here is a rare set of double bred Akiko maternal line embryos! The sire of these embryos is the legendary HB Big Al. He is the Dai 10 Mitsumau son of the Queen of Akaushi, Akiko. Big Al has been highly proven in the Heartbrand program and others to be one of the best marbling Akaushi bulls ever! To top it off he has amazing growth and milk capabilities making him one of the best all-round Akaushi sires ever. The donor dam here is an Akiko maternal line female too! BRW Leote 011D comes from an imported embryo of the world-renowned Bald Ridge Wagyu herd. She is sire by Bald Ridge Henshin, a well-known Namiko maternal line sire now owned by David Blackmore. Behind this is an elite sire stack of Heart Brand Red Emperor x Tamamaru x Hikari x Shigemaru x Akiko! This is a rare opportunity to get Big Al sired genetics from an elite pedigreed Akiko maternal line dam!



SIRE: HB Big Al Q502



DAM: BRW Leoti 011D

EBV'S FOR LOT 9 EMBRYOS ...

	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)	RUMP FAT (mm)	RETAIL BEEF YIELD (\$)	MARBLE SCORE	MARBLE FINENESS (%)	WAGYU BREEDER INDEX	SELF REPLACING INDEX	FULLBLOOD TERMINAL INDEX	F1 TERMINAL INDEX
HB BIG AL Q502	+0.4	+4.7	+29	+49	+78	+61	+11	+5.5	+63	-3.0	+2.5	-0.7	-0.6	+0.01	+\$151	+\$98	+\$126	+\$78
BRW LEOTIE 011D	-	+3.7	+21	+29	+51	+43	+6	+3.0	+37	-	-	-	-	-	+\$108	+\$76	+\$83	+\$52
	-	+4.2	+25	+39	+65	+52	+9	+4.3	+50	-	-	-	-	-	+\$130	+\$87	+\$105	+\$65

INBREEDING COEFFICIENT **19%** MIN./ (AVG.) GENERATION **4/ (5.8)**

BREED AVG. EBV'S FOR 2019 BORN CALVES

	+0.1	+1.0	+10	+16	+19	+20	+1	-0.1	+15	+1.3	+0.0	+0.0	+0.8	+0.16	+139	+139	+118	+108
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LOT **10**

4 CONVENTIONAL, GRADE #1 EMBRYOS

Located at Keystone Embryo Transfer, Greencastle, PA; Exportable to Canada

DAI 10 MITSUMAU 76

HB BIG AL Q502

MTA AKIKO

BALD RIDGE HENSHIN

BLF MS HENSHIN II

KALANGA TAMAYUKO G0009

DAI 2 MITSUMARU

GODAI J2739R

NAMIMARU J74R

MITSUKO B 9639

KALANGA KAJIKARI B0125

KALANGA STARMIKO B218

KALANGA RED STAR C402

KALANGA F C012

More embryos by the legendary HB Big Al. He is the Dai 10 Mitsumau son of the Queen of Akaushi, Akiko. Big Al has been highly proven in the Heartbrand program and others to be one of the best marbling Akaushi bulls ever! To top it off he has amazing growth and milk capabilities making him one of the best all-round Akaushi sires ever. He is mated to an elite pedigreed Bald Ridge Henshin daughter who's pedigree reads Henshin x Kalanga Red Star x Heartbrand Red Emperor x Tamamaru x Fuyuko. The Fuyuko maternal line has produced elite proven sires in the Heartbrand herd of late including Heartbrand Joe S5394S and Heartbrand Terminator. Both of whom are elite EPDs in the American Akaushi Association. These embryos will produce highly profitable and functional cows or bulls for herd building.



SIRE: HB Big Al Q502



DAM: BLF MS Henshin II

EBV'S FOR LOT 10 EMBRYOS ...

	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)	RUMP FAT (mm)	RETAIL BEEF YIELD (\$)	MARBLE SCORE	MARBLE FINENESS (%)	WAGYU BREEDER INDEX	SELF REPLACING INDEX	FULLBLOOD TERMINAL INDEX	F1 TERMINAL INDEX
HB BIG AL Q502	+0.4	+4.7	+29	+49	+78	+61	+11	+5.5	+63	-3.0	+2.5	-0.7	-0.6	+0.01	+\$151	+\$98	+\$126	+\$78
BLF MS HENSHIN II	-	+4.0	+22	+32	+55	+46	+6	-	+39	-	-	-	-	-	+\$115	+\$80	+\$81	+\$47
	-	+4.3	+26	+41	+67	+54	+9	-	+51	-	-	-	-	-	+\$133	+\$89	+\$104	+\$63

INBREEDING COEFFICIENT **17%** MIN./ (AVG.) GENERATION **4/ (6.0)**

BREED AVG. EBV'S FOR 2019 BORN CALVES	+0.1	+1.0	+10	+16	+19	+20	+1	-0.1	+15	+1.3	+0.0	+0.0	+0.8	+0.16	+139	+139	+118	+108
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