



Wagyu export genetics for Spain, EU and OIE

TRENT BRIDGE WAGYU



Trent Bridge Wagyu is a family owned cattle stud which has been breeding high performing Tajima bulls for the Fullblood and First Cross market for the last 11 years. 50 Fullblood Wagyu bulls are sold each year on-farm and are bred with a focus on marbling, growth and structural soundness. Jennifer and Walter Perry have also been producing First Cross Wagyu/Angus cattle to Japan and the domestic market.

This Fullblood stud is producing working bulls alongside beef so is able to monitor first-hand what genetics works best in the market. As active members of Breedplan and by using Total Genetic Resource Manager services, Trent Bridge Wagyu is constantly delivering improvements in breeding quality. Trent Bridge Wagyu earned highest price for an embryo at the Australian Wagyu Association 2016 Elite Breeders Auction.

The herd forages on the rugged Northern Tablelands of New South Wales, Australia but bulls have



been sold widely to work in all states of the eastern seaboard. The F1 13-15 month old steers in saleyards to the left are by Trent Bridge bulls sold to run extensively with Angus cows in tropical Queensland. The price of AU\$7.89/kg liveweight is a strong endorsement of the quality of the progeny for backgrounding.

Wagyu International is delighted to launch Trent Bridge Wagyu genetics to the export market. The semen and embryos offered in 2016 encompass major bloodlines so

that there is no reliance on only one trait leader. Selection is biased towards marbling in particular and carcass qualities in general. Commercial producers appreciate the value of high carcass quality and this is displayed through the Trent Bridge Fullblood herd that is subject to stringent selection. The choice of Trent Bridge F115 semen for this catalogue is an illustration of the ultimate in carcass quality.

Testing for recessive genetic conditions commenced in 2007 for Wagyu in Australia so, for many years before that, carriers had been exported during the expansion of the breeding herd globally. Wagyu International and Trent Bridge Wagyu will only export genetics that is free from known recessive conditions.

The Perry family sell semen, embryos and bulls to the domestic market in Australia and exports of semen are managed by Wagyu International.

SEMEN

Trent Bridge F115

Trent Bridge F115 with 75% Tajima content has superior marbling from leading bloodlines which trace back to Japan.



Trent Bridge F115 is Group D in the Wagyu Fullblood Rotational Programme so has a valuable role in Fullblood breeding. Fullblood Wagyu herds will benefit from F115 semen as progeny derived over high growth and high milk dams will be complemented by the powerful marbling IMF% and also the quality through fineness of marbling that he brings. His pedigree is endorsed by superior carcass breeding predictions from Breedplan.

He is half-brother to Mayura Itoshigenami Jr whose semen sold for \$3,050 a straw for 10 straws. They both share Itoshigenami TF148 as their sire but Trent Bridge F115 is tested free of F11 and there is no history of known recessive conditions in his pedigree so he can be used with confidence in seed stock herds.

Trent Bridge F115 semen will be particularly valuable for crossing over conventional base breeds to improve eating quality from increased intramuscular fat and improved fineness of marbling. He will be particularly well suited for F1, F2 and F3 production over Angus and Limousin base females and medium to large size traditional breeds.

Wagyu, in general, produce light calves at birth, but Trent Bridge F115 possesses extremely low birth weight EBVs. Trent Bridge F115 semen will present small calves so can be used to open heifers.

Identifier:	TBRFF0115
Sex:	Male
Tattoo:	F115
Birth Date:	27 th June, 2010
Calving year:	2010
Registration Status:	Registered Australia
Sire:	Itoshigenami TF148 (Imp USA)
Dam:	Trent Bridge F C212 (AI) (ET)
Breeder:	Trent Bridge Wagyu Stud
Owner:	Trent Bridge Wagyu Stud
Australian distributor:	Trent Bridge Wagyu Stud
Export distributor:	Wagyu International
Grade:	Fullblood
Colour:	Black
Wagyu Content:	100%
DNA #:	255740 Verified to parents
Genetic Tests Status:	B3 FU, CHS 1%, CL16 FU, F11 F
Gene Tests:	F11 – Free

Pedigree of Trent Bridge F115



Sire of Trent Bridge F115 is Itoshigenami TF148. He is the Foundation sire exported from Japan that has the highest Marble Score estimated breeding value (EBV) in Australian Breedplan amongst his peers and is comfortably still ranked in the top 1%. An ancestor from Itoshigenami's maternal side, Dai 7 Itozakura, is the most prominent Fujiyoshi sire in Japan known to pass on a large frame from strong growth rate.



Itoshigenami TF148

The dam, Trent Bridge Wagyu C212, is sired by Kitateruyasu Doi "003" and Michifuku is her maternal great-grand sire. Both of these sires are descendants of Yasumi Doi. Yasumi Doi is considered to be one of the leaders of the highest marbling

Tajima line with origins in Hyogo Prefecture in Japan.

Trent Bridge C212, is still active in the Trent Bridge Wagyu herd at nine years of age and has produced six registered Fullblood calves from natural mating and five as an embryo donor. Her Grand sire is Itozuru Doi TF151 who contributes growth and milk from his Dai 7 Itozakura ancestry and also the Kedaka line through Nishizuru. Trent Bridge C212 consolidates to 74% Tajima, 16% Fujiyoshi and 7% Kedaka.

Wagyu Rotation Programme and Prefectural Bloodlines

Trent Bridge F115 is Group D in the Wagyu Rotational Programme which is rated as "Better



Kitateruyasu Doi J2810 "003"

Marbling, Medium Size and Average Maternal Sire". Sire Itoshigenami is 75% Tajima which comes from the Kumanami line. The value from Kumanami was not recognised in Japan until more recently when good marbling was attributed to Shigekananami blood through the grand-dam. Itoshigenami and Suzutani are both descendants from Shigekananami and they also have the highest EBVs for

marbling amongst their peers for sires and dams respectively. The remaining 25% in Itoshigenami pedigree is Fujiyoshi – from Itozakura.

The dam, Trent Bridge C212 is 76% Tajima. Her sire is Kitateruyasu Doi who brings Yasumi Doi line Tajima from his dam and Kikumi Doi line Tajima from his sire. Trent Bridge C212 complements the marbling with milk and growth from 6% Kedaka and 16% Fujiyoshi primarily from Itozuru Doi through her dam.

Group	Tajima	Kedaka	Tottori	Itozakura	Shimane	Okayama	Hiroshima	Other
D	75%	3%	0%	20%	0.8%	0.2%	0.8%	0%

Breedplan Estimated Breeding Values for Trent Bridge F115

October 2016 Wagyu GROUP BREEDPLAN															
	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)	Carcase Wt (kg)	Eye Muscle Area (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	Marble Score	Marble Fineness (%)
EBV	0.0	-0.6	+4	+4	+3	-5	-2	-1.0	+2	+0.4	+0.6	+0.3	-0.2	+1.3	+0.35
Acc	56%	58%	58%	58%	58%	57%	57%	56%	57%	56%	56%	56%	55%	59%	57%
Breed Avg. EBVs for 2014 Born Calves															
EBV	+0.0	+0.9	+9	+15	+19	+21	+1	+0.1	+12	+0.6	+0.3	+0.6	-0.2	+0.0	+0.00

SELECTION INDEX VALUES		
Market Target	Index Value	Breed Average
Fullblood Terminal Index	+\$ 283	+\$ 115

Trent Bridge F115 Marble Score estimated breeding value is in the Top 1%, as is his Terminal Fullblood Index. Fineness of Marbling estimated breeding value is in the Top 5% for the Wagyu breed.

The Marble Score estimated breeding value of +1.3 is equivalent to an increase of more than 3% intramuscular fat above the average for 2014 born calves.

The Fullblood Terminal Index of \$283 is \$168 higher than the Breedplan average for overall carcass value from Fullblood production.

Wagyu as a breed generally sire small calves at birth but Trent Bridge F115 has the advantage of being in the Top 5% for low birth weight EBV so is recommended for opening heifers.

High Tajima content Wagyu which have high marbling qualities usually have very low milk and growth rates, but EBVs for milk and growth for F115 confirm the contributions in milk and growth rate from Fujiyoshi and Kedaka in the pedigree.

LAKE WAGYU GENETICS

LAKE WAGYU

Wagyu Semen and Embryos.

Lake Wagyu is a division of Bullocks Bow Bend Pastoral Services and has been involved in the Wagyu industry since 1997. Even in those early days, the enormous potential for Wagyu was anticipated for the Australian cattle industry as a whole and also it was speculated that Wagyu genetics could improve the entire world beef herd.



The venture commenced with a successful Wagyu F1 (first cross) herd, selling weaner steers for live export to Japan. An interest in fullblood cattle breeding followed and within a short time there was a small herd of very good Wagyu fullblood heifers and some bulls. In 2004 we ceased F1 production and began to concentrate on creating a fullblood donor herd with the best possible available Lake Wagyu genetics. Through embryo transfer a good sized herd of excellent donor heifers were raised. A strong relationship was formed with

several very experienced cattle producers such as Peter Falls of Malton Shorthorns, Sharon Oates of Oasis Genetics, David Morris of Bass Valley Embryos, Dominic Bayard of Global Genetic Solutions and a network of Angus cattle producers, including Geoff Sherman of Bundi in Western Victoria.

The Lake Wagyu philosophy is to put the best people together with the most modern methods and create a working relationship that benefits everybody. By 2010, they were in partnership with many dedicated cattle breeders all over Victoria and NSW, raising top class stud Wagyu bulls and heifers from transferred embryos. The best technicians and veterinarians to give the recipient donors every chance to do justice to their prize Wagyu calves.



Buyers of Lake Wagyu include breeders of Wagyu F1 steers and heifers for the live trade, those who grow for the feedlot market and indeed, the feedlots themselves. Wagyu embryos and semen are bred for producers new to the Wagyu market who wish to establish their own fullblood herds both in Australia and overseas. New export-ready genetics is rolling out after completion of extensive veterinary testing that is required for the accreditation of exports. As members of Australian BREEDPLAN, Lake Wagyu genetics is evaluated for

breeding potential and this is measured by data from progeny that have been recorded.

Embryos are accredited for export to EU, South Africa, Columbia and Uruguay, USA and Canada, China, Russia, the Philippines and Indonesia. Embryos to your specifications from Tajima, Shimane and Kedaka bloodlines from Lake Wagyu C87. Lake Wagyu C87 is a son of Michifuku out of a daughter of Itozurudo. He has excellent growth and the capacity to pass on high levels of marbling to his offspring. He is used extensively in crossing and the offspring are excellent, well balanced animals.

Embryos with these genetics will produce outstanding foundation females in a full blood black Wagyu herd and the bulls will be well balanced, large framed animals able to pass on excellent marbling to their offspring.

Wagyu International has secured access to Lake Wagyu genetics for the European Union. Semen is available to order from Australia, and embryos can be custom ordered from the donors in the catalogue. Embryos are pre-ordered as demand is so high that there are none held in stock. The EBVs for sires and donors from BREEDPLAN, and the predictions for embryos are presented.

SIRE

Lake Wagyu C87

Lake Wagyu C87 is newer generation breeding from Lake Wagyu. Sexed semen is available so unsexed, male and female semen can be ordered. The strongest attribute coming through his



progeny is carcass quality and this is a combination of quality marbling, fineness of marbling and wide eye muscle area. These are passed on from his sire Michifuku who is amongst the top three foundation sires for marbling and he, in turn, inherits the best carcass qualities from his sire Monjiro.

C87 contributes to Fullblood breeding through the Modern Itozakura Line which Itozakura TF151, his maternal grandsire, brings. This is desirable for developing frame size and maternal attributes.

Lake Wagyu C87 is classified Group D for the Fullblood Rotational Breeding Programme advocated by Mr Shogo Takeda. Comprising 68% Tajima, his Marble Score EBV is +0.8. Marble Fineness and Eye Muscle Area are also very strong so he will enhance quality in Fullblood Wagyu herds.

Group	Tajima	Kedaka	Tottori	Itozakura	Shimane	Okayama	Hiroshima	Other
D	68%	6%	0%	18%	2%	1%	5%	0%

Itozuru Doi, sire of the dam, has Tajima, Kedaka and Itozakura bloodlines and is a descendent from Dai 7 Itozakura. This brings maternal attributes with strong growth.

These attributes also make Lake Wagyu C87 semen extremely good value for crossing over base breeds, including those with moderate size, for F1, F2 and F3 production.

Lake Wagyu C87 semen is available as unsexed, male semen and female semen.

Identifier:	KJDFC0087
Sex:	Male
Tattoo:	C087
Date of Birth:	17 November 2007
Calving Year:	2007
Registration Status:	Registered Australia
Sire:	Michifuku
Dam:	Lake Wagyu C087 (AI) (ET)
Breeder:	Lake Wagyu
Owner:	Lake Wagyu
Distributor Export:	Wagyu International
Grade:	Fullblood
Colour:	Black
Wagyu composition:	100%
DNA #:	108905 verified to parents
Genetic Test Status:	B3 F, CHS F, CL16 F, F11 F
Gene Tests:	B3 - free, CHS - free, CL16 - free, F11 – free

Pedigree for Lake Wagyu C87

YASUMI DOI J10328 - KURO IKU
 MONJIRO J11550
 HARUMI J1086409
 MICHIFUKU
 TANISHIGE 1526 - KURO KOH
 MICHIKO J655635 (AI)
 MICHIFUKU J4944290
 LAKE WAGYU C087 (AI) (ET)
 ITOKITATSURU J1081 - KURO IKU
 ITOZURUDOI TF151 (IMP USA)
 YASUHIME J433313
 LAKE WAGYU Y034 (AI)
 TF ITOMICHI 1/2 (IMP USA)
 BLACKMORE CHIYOTAKE W078 (AI) (ET)
 TWA F U552 (AI) (ET)

BREEDPLAN estimated breeding values for Lake Wagyu C87

Wagyu BREEDPLAN Octubre de 2016															
	VdeC largo de gestación (días)	VdeC peso al nacimiento (kg)	VdeC para 200 días (kg)	VdeC para 400 días (kg)	VdeC para 600 días (kg)	VdeC peso adulto de la vaca (kg)	VdeC para leche 200 días (kg)	VdeC tamaño o circunferencia escrotal (cm)	VdeC para peso de res (kg)	VdeC para área de ojo de bife (cm ²)	VdeC para grasa dorsal (mm)	VdeC ara grasa en la cadera (mm)	VdeC rendimiento de carne de vacuno (%)	VdeC grados de marmeleado (AUS-MEAT)	VdeC para rendimiento de la res o % de cortes minoristas
EBV	+0.4	+1.0	+6	+8	+11	+18	-3	-1.3	+4	+2.9	+0.7	+1.7	-0.1	+0.8	+0.37
Exa	56%	62%	59%	58%	58%	57%	56%	55%	57%	56%	56%	56%	55%	59%	57%
Promedio VdeC para terneros nacidos en 2014															
EBV	+0.0	+0.9	+9	+15	+19	+21	+1	+0.1	+12	+0.6	+0.3	+0.6	-0.2	-0.1	+0.00

ÍNDICE DE SELECCIÓN VALORES		
Mercado objetivo	El valor	El promedio
Valor para la alimentación 100% Wagyu	+\$188	+\$ 115

The breeding value for carcass quality of Lake Wagyu C87 is endorsed by Estimated Breeding Values from Australian Breedplan. The quality of marbling, classified as Fineness of Marbling, is in the Top 1%. Marble Score IMF and Eye Muscle Area EBVs are in the Top 10%. The Fullblood Terminal Index of +\$188 is in the Top 20% of the herd.

Six donors have been selected which are free from recessive conditions and which have diverse breeding so that the inbreeding coefficient from the union is within Wagyu breed recommendations. The predicted EBVs of embryos from Lake Wagyu C87 are presented in a table further down in the Lake Wagyu section.

DONORS & EMBRYOS

Lake Wagyu E8

Extremely high milk and strong growth are derived from her Modern Itozakura Line from Shimane and they predominate her Estimated Breeding Values. Exceptional embryos come from sire Lake Wagyu C87 with the highest predicted Eye Muscle Area EBV for any embryo from this herd together with strong Marble Score and Marble Fineness EBV plus milk and growth. This is a rare opportunity to combine strong carcass attributes with milk and growth in Fullblood breeding.

Identifier: KJDFE0008

Sex: Female
 Tattoo: E008
 Birth Date: 1 March 2009
 Calving Year: 2009
 Registration Status: Registered Australia
 Sire: Itozurudoï TF151 (IMP USA)
 Dam: Lake Wagyu B47 (AI) (ET)
 Breeder: Lake Wagyu
 Owner: Lake Wagyu
 Distributor Export: Wagyu International
 Grade: Fullblood
 Colour: Black
 Wagyu composición: 100%
 DNA #: 150690 verified to Parents
 Genetic Test Status: B3 F, CHS F, CL16 F, F11 F
 Gene Tests: B3 - free, CHS - free, CL16 - free, F11 – free



Itozuru Doi TF151

DAI 7 ITOZAKURA J65 - KURO IKU
 ITOKITATSURU J1081 - KURO IKU
 NISHIZURU J101266 - KURO KOH
ITOZURUDOÏ TF151 (IMP USA)
 YASUMI DOI J10328 - KURO IKU
 YASUHIME J433313
 FUJIHIME J311983
LAKE WAGYU E8 (AI) (ET)
 ITOHIRASHIGE J1555
 ITOMORITAKA J2703 HONGEN (IMP JAP)
 DAI 6 OEFUJII J565554 - KURO KOH
LAKE WAGYU B47 (AI) (ET)
 FUKUTSURU J068 (IMP JAP)
 GUM TREE WATERS CHUMOKUSURU (AI) (ET)
 TWA SENAKA (AI) (ET)

BREEDPLAN estimated breeding values for Lake Wagyu E8

Wagyu BREEDPLAN Octubre de 2016															
	VdeC largo de gestación (días)	VdeC peso al nacimiento (kg)	VdeC para 200 días (kg)	VdeC para 400 días (kg)	VdeC para 600 días (kg)	VdeC peso adulto de la vaca (kg)	VdeC para leche 200 días (kg)	VdeC tamaño o circunferencia escrotal (cm)	VdeC para peso de res (kg)	VdeC para área de ojo de bife (cm ²)	VdeC para grasa dorsal (mm)	VdeC ara grasa en la cadera (mm)	VdeC rendimiento de carne de vacuno (%)	VdeC grados de marmeleado (AUS-MEAT)	VdeC para rendimiento de la res o % de cortes minoristas
EBV	-0.8	+1.4	+11	+18	+27	+21	+9	+1.0	+12	+2.7	+0.6	+2.2	+0.1	+0.1	+0.36
Exa	54%	58%	57%	57%	57%	56%	56%	54%	56%	56%	54%	56%	53%	58%	55%
Promedio VdeC para terneros nacidos en 2014															
EBV	+0.0	+0.9	+9	+15	+19	+21	+1	+0.1	+12	+0.6	+0.3	+0.6	-0.2	-0.1	+0.00

ÍNDICE DE SELECCIÓN VALORES		
Mercado objetivo	El valor	El promedio
Valor para la alimentación 100% Wagyu	+\$71	+\$ 115

Moyhu H79

Moyhu H79 has strong carcass qualities with Tajima Michifuku on both the sire and dam sides plus TWA Shikikan as her paternal grand-sire. All her carcass EBVs – Marble Score, Marble Fineness and Eye Muscle EBVs are strong yet she also has high growth EBVs exhibited from her Itozakura (Shimane) line on the maternal grand-sire line. Embryos from Moyhu H79 with Lake Wagyu C87 will be very powerful in carcass attributes – especially marbling IMF% and fineness, plus eye muscle area so would be highly desirable when they grow out to be powerful marbling Fullblood bulls. Heifers will also become strong assets in the establishment of



Michifuku

a Fullblood breeding herd.

Identifier: MOYFH0079
 Sex: Female
 Tattoo: H79
 Birth Date: 6 September 2012
 Calving Year: 2012
 Registration Status: Registered Australia
 Sire: Moyhu Tani (AI) (ET)
 Dam: Moyhu F B0354 (AI) (ET)
 Breeder: Moyhu Wagyu
 Owner: Lake Wagyu
 Distributor Export: Wagyu International
 Grade: Fullblood
 Colour: Black
 Wagyu composition: 100%
 DNA #: 351712 verified to Parents
 Genetic Test Status: B3 FU, CHS FU, CL16 FU, F11 F
 Gene Tests: F11 - free

TAKAZAKURA
 TWA SHIKIKAN (IMP USA) (ET)
 SUZUTANI (FB1617)
MOYHU TANI (AI) (ET)
 MICHIFUKU
 MOYHU F W039 (AI) (ET)
 TWA 493 (AI) (ET)
MOYHU F H79
 ITOKITATSURU J1081 - KURO IKU
 ITOZURUDOI TF151 (IMP USA)
 YASUHIME J433313
MOYHU F B0354 (AI) (ET)
 MICHIFUKU
 TWA 491 (AI) (ET)
 RIVERSDALE KANEMOCHI (AI) (ET)

BREEDPLAN estimated breeding values for Moyhu H79

Moyhu H79 has the highest quality of marbling with an EBV for Marble Fineness in the Top 10% and her Marble Score IMF% is in the Top 20%.

Wagyu BREEDPLAN Octobre de 2016													
VdeC	VdeC	VdeC	VdeC	VdeC	VdeC	VdeC	VdeC	VdeC	VdeC	VdeC	VdeC	VdeC	VdeC

	largo de gestación (días)	peso al nacimiento (kg)	para 200 días (kg)	para 400 días (kg)	para 600 días (kg)	peso adulto de la vaca (kg)	para leche 200 días (kg)	tamaño o circunferencia escrotal (cm)	para peso de res (kg)	para área de ojo de bife (cm ²)	para grasa dorsal (mm)	ara grasa en la cadera (mm)	rendimiento de carne de vacuno (%)	grados de marmeleado (AUS-MEAT)	para rendimiento de la res o % de cortes minoristas
EBV	+0.8	+1.9	+8	+11	+14	+29	-1	-0.6	+3	+0.9	+0.8	+1.0	-0.3	+0.6	+0.25
Exa	45%	55%	54%	54%	54%	52%	54%	44%	51%	45%	48%	49%	44%	48%	45%
Promedio VdeC para terneros nacidos en 2014															
EBV	+0.0	+0.9	+9	+15	+19	+21	+1	+0.1	+12	+0.6	+0.3	+0.6	-0.2	-0.1	+0.00

ÍNDICE DE SELECCIÓN VALORES		
Mercado objetivo	El valor	El promedio
Valor para la alimentación 100% Wagyu	+\$138	+\$ 115

Moyhu H107

Moyhu H107 is the combination of one of top three Tajima marbling IMF% sires – Kitateruyasudoï – with Kedaka/Okayama influence coming from Hirashigetayasu bringing size and growth. Her embryos will be expected to draw from both parentage influences, even though her EBVs are inclined towards carcass attributes like marbling. Embryos from Moyhu H107 give the highest predicted Marble Score EBVs within the embryos from Lake Wagyu C87 which are in the Top 15% of the herd and their predicted Marble Fineness EBV is in the Top 5%. The growth influence from Hirashigetayasu boost their potential for growth despite the



Kitateruyasu Doi J2810 "003"

strong Tajima presence.

Overall consistency is predicted from this joining.

Identifier:	MOYFH0107
Sex:	Female
Tattoo:	H107
Birth Date:	12 September 2012
Calving Year:	2012
Registration Status:	Registered Australia
Padre:	Kitateruyasudoï J2810 (IMP JAP)
Madre:	Westholme Shigekinu (IMP USA) (AI) (ET)
Breeder:	Moyhu Wagyu
Owner:	Lake Wagyu
Distributor Export:	Wagyu International
Grade:	Fullblood
Colour:	Black
Wagyu composition:	100%
DNA #:	351719 verified to Parents
Genetic Test Status:	B3 FU, CHS FU, CL16 FU, F11 F
Gene Tests:	F11 - free

TERUNAHO J240580
 KITATERUYASUDOI J2810 HONGEN (IMP JAP)
 YASUTANI DOI J472 - KURO IKU
 YOSHIMI 3 601124
 YOSHIMI J206526 - KURO IKU
 MOYHU F H107 (AI)
 DAI 20 HIRASHIGE J287 - KURO IKU
 HIRASHIGETAYASU J2351 HONGEN (IMP JAP)
 DAI 5 YURUHIME J187250 - KURO KOH
 WESTHOLME SHIGEKINU (IMP USA) (AI) (ET)
 KIKUYASU J11935
 KIKUSHIGE J W173
 ITOTANISHIGE 91 J1884741

BREEDPLAN estimated breeding values for Moyhu H107

Wagyu BREEDPLAN Octubre de 2016															
	VdeC largo de gestación (días)	VdeC peso al nacimiento (kg)	VdeC para 200 días (kg)	VdeC para 400 días (kg)	VdeC para 600 días (kg)	VdeC peso adulto de la vaca (kg)	VdeC para leche 200 días (kg)	VdeC tamaño o circunferencia escrotal (cm)	VdeC para peso de res (kg)	VdeC para área de ojo de bife (cm ²)	VdeC para grasa dorsal (mm)	VdeC ara grasa en la cadera (mm)	VdeC rendimiento de carne de vacuno (%)	VdeC grados de marmeleado (AUS-MEAT)	VdeC para rendimiento de la res o % de cortes minoristas
EBV	+0.3	-0.4	+3	+5	+7	+7	+1	-0.1	0	+0.2	-0.6	-1.8	+0.5	+0.5	+0.28
Exa	57%	64%	61%	61%	61%	59%	57%	56%	59%	56%	59%	59%	56%	59%	57%
Promedio VdeC para terneros nacidos en 2014															
EBV	+0.0	+0.9	+9	+15	+19	+21	+1	+0.1	+12	+0.6	+0.3	+0.6	-0.2	-0.1	+0.00

ÍNDICE DE SELECCIÓN VALORES		
Mercado objetivo	El valor	El promedio
Valor para la alimentación 100% Wagyu	+\$108	+\$ 115

Consistency of breeding performance is predicted from Moyhu H107 as Marbling is particularly strong, milk is mid-point in the Top 50% and she has higher growth than typical Tajima.

Moyhu H130

The sire, Hirashigetayasu, has strongest influence on breeding value estimates from Moyhu H130



Hirashigetayasu J2351 "001"

despite her sharing top marbling Kitateruyasudoit Tajima blood from her dam.

Her 200 Day Weight EBVs are in the Top 10%, 400 and 600 Day Weight EBVs are in the Top 15% and Mature Cow Weight and Milk EBVs are in the Top 20%.

Undoubtedly her strongest contribution comes from her union with Lake Wagyu C87 as the predicted EBVs across the BREEDPLAN dashboard are excellent. Offspring will possess a strong blend of carcass qualities with growth up to mature

weight.

Identifier: MOYFH0130
 Sex: Female
 Tattoo: H130
 Birth Date: 14 September 2012
 Calking Year: 2012
 Registration Status: Registered Australia
 Sire: Hirashigetayasu J2351 (IMP JAP)
 Dam: Moyhu F B0372 (AI) (ET)

Breeder: Moyhu Wagyu
 Owner: Lake Wagyu
 Distributor Export: Wagyu International
 Grade: Fullblood
 Colour: Black
 Wagyu composition: 100%
 DNA #: 351724 verified to Parents
 Genetic Test Status: B3 FU, CHS FU, CL16 FU, F11 F
 Gene Tests: F11 - free

KEDAKA J7212 - KURO IKU
 DAI 20 HIRASHIGE J287 - KURO IKU
 DAI 13 HIRASHIGE J1137022 - KURO KOH
 HIRASHIGETAYASU J2351 HONGEN (IMP JAP)
 TAYASUFUKU J157 - KURO IKU
 DAI 5 YURUHIME J187250 - KURO KOH
 YURIKO J28677 - KURO KOH

MOYHU F H130 (AI) (ET)

TERUNAGADOI 1742
 KITATERUYASUDOI J2810 HONGEN (IMP JAP)
 YOSHIMI 3 601124
 MOYHU F B0372 (AI) (ET)
 TWA ICHIRYUNO (IMP USA) (ET)
 MOYHU F W034 (ET)
 TWA F U643 (AI) (ET)

BREEDPLAN estimated breeding values for Moyhu H130

Wagyu BREEDPLAN Octubre de 2016															
	VdeC largo de gestación (días)	VdeC peso al nacimiento (kg)	VdeC para 200 días (kg)	VdeC para 400 días (kg)	VdeC para 600 días (kg)	VdeC peso adulto de la vaca (kg)	VdeC para leche 200 días (kg)	VdeC tamaño o circunferencia escrotal (cm)	VdeC para peso de res (kg)	VdeC para área de ojo de bife (cm ²)	VdeC para grasa dorsal (mm)	VdeC ara grasa en la cadera (mm)	VdeC rendimiento de carne de vacuno (%)	VdeC grados de marmeleado (AUS-MEAT)	VdeC para rendimiento de la res o % de cortes minoristas
EBV	+1.8	+2.6	+17	+24	+31	+34	+4	+0.6	+17	+0.1	-0.7	-1.7	+0.9	+0.1	+0.17
Exa	56%	57%	57%	57%	57%	56%	57%	56%	56%	56%	56%	56%	55%	58%	55%
Promedio VdeC para terneros nacidos en 2014															
EBV	+0.0	+0.9	+9	+15	+19	+21	+1	+0.1	+12	+0.6	+0.3	+0.6	-0.2	-0.1	+0.00

ÍNDICE DE SELECCIÓN VALORES		
Mercado objetivo	El valor	El promedio
Valor para la alimentación 100% Wagyu	+\$93	+\$ 115

Predictions for embryos from Moyhu H130 and Lake Wagyu C87 are the highest in this selection and also have strong carcass qualities.

Moyhu H138



Hirashigetayasu J2351 "001"

A magnificent blend of Tajima marbling on the sire's side with Michifuku and TWA Shikikan combine well with size and growth from Kedaka/Okayama lines from the dam – principally from Hirashigetayasu.

Moyhu H138 has particularly strong growth Estimated Breeding Values for growth yet when combined with Lake Wagyu C87, the predictions from their embryos are the most consistent and would make an ideal selection for establishing a Wagyu Fullblood herd.

Identifier: MOYFH0138
 Sex: Female
 Tattoo: H138
 Birth Date: 17 September 2012
 Calving Year: 2012
 Registration Status: Registered Australia
 Sire: Moyhu Tani (AI) (ET)
 Dam: Moyhu 165 (ET)
 Breeder: Moyhu Wagyu
 Owner: Lake Wagyu
 Distributor Export: Wagyu International
 Grade: Fullblood
 Colour: Black
 Wagyu composition: 100%
 DNA #: 351725 verified to Parents
 Genetic Test Status: B3 FU, CHS FU, CL16 FU, F11 F
 Gene Tests: F11 - free

TAKAZAKURA
 TWA SHIKIKAN (IMP USA) (ET)
 SUZUTANI (FB1617)
 MOYHU TANI (AI) (ET)
 MICHIFUKU
 MOYHU F W039 (AI) (ET)
 TWA 493 (AI) (ET)
 MOYHU F H138 (ET)
 TAKAZAKURA
 TWA ICHIRYUNO (IMP USA) (ET)
 OKAHANA J1409
 MOYHU 165 (ET)
 HIRASHIGETAYASU J2351 HONGEN (IMP JAP)
 MOYHU F W014 (AI) (ET)
 TWA 491 (AI) (ET)

BREEDPLAN valor de cría estimado Moyhu H138

Wagyu BREEDPLAN Octubre de 2016															
	VdeC largo de gestación (días)	VdeC peso al nacimiento (kg)	VdeC para 200 días (kg)	VdeC para 400 días (kg)	VdeC para 600 días (kg)	VdeC para adulto de la vaca (kg)	VdeC para leche 200 días (kg)	VdeC tamaño o circunferencia escrotal (cm)	VdeC para peso de res (kg)	VdeC para área de ojo de bife (cm ²)	VdeC para grasa dorsal (mm)	VdeC para grasa en la cadera (mm)	VdeC rendimiento de carne de vacuno (%)	VdeC grados de marmeleado (AUS-MEAT)	VdeC para rendimiento de la res o % de cortes minoristas
EBV	+1.2	+2.0	+11	+14	+17	+31	-1	-0.8	+4	+0.7	+0.5	+0.1	+0.1	+0.3	+0.07
Exa	45%	55%	54%	54%	54%	52%	54%	45%	51%	45%	48%	49%	44%	48%	45%
Promedio VdeC para terneros nacidos en 2014															
EBV	+0.0	+0.9	+9	+15	+19	+21	+1	+0.1	+12	+0.6	+0.3	+0.6	-0.2	-0.1	+0.00

ÍNDICE DE SELECCIÓN VALORES		
Mercado objetivo	El valor	El promedio
Valor para la alimentación 100% Wagyu	+\$81	+\$ 115

The growth from Moyhu H138 combines extremely well with the carcass qualities from Lake Wagyu C87 to give embryos with balanced predictions.

Oasis Hikokura J75

Divergent lines have been successfully blended to give Oasis Hikokura J75 a strong broad base for



Itomichi 1/2 TF36

breeding. The Modern Itozakura Line predominates with strong growth through to Carcase Weight in her EBVs plus milk. Michifuku, her paternal grand-sire imparts marbling. Embryos from Oasis Hikokura J75 give strong growth predictions with the union with Lake Wagyu C87 whose valuable carcass attributes comes through in the predictions. The combination in Breedplan EBVs endorses the suitability of selecting embryos from this joining to establish a Fullblood Wagyu herd.

Identifier:	KSOFJ0075
Sex:	Female
Tattoo:	J0075
Birth Date:	11 October 2013
Year of Birth:	2013
Registration Status:	Registered Australia
Sire:	Oasis Michifuku C001 (AI) (ET)
Dam:	Arundel Springs Koutani
Breeder:	Oasis Collection Centre Pty Ltd
Owner:	Lake Wagyu
Distributor Export:	Wagyu International
Grade:	Fullblood
Colour:	Black
Wagyu composition:	100%
DNA #:	384242 verified to Parents
Genetic Test Status:	B3 FU, CHS FU, CL16 FU, F11 FU

	MONJIRO J11550
	MICHIFUKU
	MICHIKO J655635 (AI)
	OASIS MICHIFUKU C001 (AI) (ET)
	TF KIKUHANA (IMP USA)
	TF HIKOHIME 34/5 (IMP USA)
	TF HIKOHIME 3/2
OASIS HIKOKURA J75	
	BLACKMORE KINUYASUDOI Y350 (AI) (ET)
	ARUNDEL SPRINGS MUSKO 10353
	TWA MOYASU (AI) (ET)
	ARUNDEL SPRINGS KOUTANI
	TF ITOMICHI 1/2 (IMP USA)
	BLACKMORE HIKOKURA T096 (IMP USA) (AI) (ET)
	TF HIKOKURA 345

BREEDPLAN estimated breeding value for Oasis Hikokura J75

Wagyu BREEDPLAN Octubre de 2016															
	VdeC largo de gestación (días)	VdeC peso al nacimiento (kg)	VdeC para 200 días (kg)	VdeC para 400 días (kg)	VdeC para 600 días (kg)	VdeC peso adulto de la vaca (kg)	VdeC para leche 200 días (kg)	VdeC tamaño o circunferencia escrotal (cm)	VdeC para peso de res (kg)	VdeC para área de ojo de bife (cm ²)	VdeC para grasa dorsal (mm)	VdeC ara grasa en la cadera (mm)	VdeC rendimiento de carne de vacuno (%)	VdeC grados de marmeleado (AUS-MEAT)	VdeC para rendimiento de la res o % de cortes minoristas
EBV	+0.6	+1.7	+10	+15	+19	+29	+1	-0.2	+17	-1.1	+1.1	+1.4	-0.9	+0.3	+0.09
Exa	37%	63%	47%	45%	45%	41%	36%	31%	37%	33%	33%	34%	32%	43%	42%
Promedio VdeC para terneros nacidos en 2014															
EBV	+0.0	+0.9	+9	+15	+19	+21	+1	+0.1	+12	+0.6	+0.3	+0.6	-0.2	-0.1	+0.00

ÍNDICE DE SELECCIÓN VALORES		
Mercado objetivo	El valor	El promedio
Valor para la alimentación 100% Wagyu	+\$138	+\$ 115

SUMMARY OF LAKE WAGYU EXPORT GENETICS

Name	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)	Carcase Wt (kg)	Eye Muscle Area (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	Marble Score (AUS-MEAT)	Marble Fineness (%)	Fullblood Terminal Index
Nombre	VdeC largo de gestación (días)	VdeC peso al nacimiento (kg)	VdeC para 200 días (kg)	VdeC para 400 días (kg)	VdeC para 600 días (kg)	VdeC peso adulto de la vaca (kg)	VdeC para leche 200 días (kg)	VdeC tamaño o circunferencia escrotal (cm)	VdeC para peso de res (kg)	VdeC para área de ojo de bife (cm ²)	VdeC para grasa dorsal (mm)	VdeC ara grasa en la cadera (mm)	VdeC rendimiento de carne de vacuno (%)	VdeC grados de marmeleado (AUS-MEAT)	VdeC para rendimiento de la res o % de cortes minoristas	Valor para la alimentación 100% Wagyu (AUS)
SIRE																
LAKE WAGYU C87	+0.4	+1.0	+6	+8	+11	+18	-3	-1.3	+4	+2.9	+0.7	+1.7	-0.1	+0.8	+0.37	+\$188
EMBRYOS																
C87 x LakeW E8	-0.2	+1.2	+9	+13	+19	+20	+3	-0.2	+8	+2.8	+0.7	+2.0	+0.0	+0.5	+0.37	+\$130
C87 x Moyh H79	+0.6	+1.5	+7	+10	+13	+24	-2	-1.0	+4	+1.9	+0.8	+1.4	-0.2	+0.7	+0.31	+\$163
C87 x Moyh H107	+0.4	+0.3	+5	+7	+9	+13	-1	-0.7	+2	+1.6	+0.1	-0.1	+0.2	+0.7	+0.33	+\$147
C87 x Moyh H130	+1.1	+1.8	+12	+16	+21	+26	+1	-0.4	+11	+1.5	+0.0	+0.0	+0.4	+0.5	+0.27	+\$141
C87 x Moyh H138	+0.8	+1.5	+9	+11	+14	+25	-2	-1.0	+4	+1.8	+0.6	+0.9	+0.0	+0.6	+0.22	+\$135
C87 x Oasis J75	+0.5	+1.4	+8	+12	+15	+24	-1	-0.8	+11	+0.9	+0.9	+1.6	-0.5	+0.6	+0.23	+\$163
AVE 2014 BORN	+0.0	+0.9	+9	+15	+19	+21	+1	+0.1	+12	+0.6	+0.3	+0.6	-0.2	-0.1	+0.00	+\$ 115

Lake Wagyu C87 is particularly strong in transmitting carcass attributes, especially marbling, to his progeny.

In the table of predicted EBVs of embryos, donors which will contribute growth and milk to the carcass qualities are Lake Wagyu E8 and Moyhu H130. Donors Moyhu H79, Moyhu H138 and Oasis Hikokime J75 will contribute growth rate in embryos together with the carcass qualities from Lake Wagyu C87. Highest marbling IMF embryos are from Moyhu H79 and H107.

The diversity in genetics in this herd gives many options for the second generation when embryos are ordered from this list to establish a Fullblood Wagyu herd.

Published by
Steve Bennett
Wagyu International
www.wagyuinternational.com