



2024

DAIRY SIRE CATALOGUE

A quantum leap forward for heat tolerance





UNDERSTANDING THE DANGERS OF HEAT STRESS

in dairy herds



Cows can get overheated easily, affecting growth reproduction, health, live weight and milk production. Cattle are naturally warmer than humans and also create additional heat through rumination. This means cows can overheat quickly with heat stress occurring at around 72 THI (Thermal Heat Index), even when air temperatures are as low as 20C.



As cattle genetics and herds become more productive, the threshold temperature at which heat stress kicks in is becoming lower. Global estimates state that over 250 million dairy cows are in environments of significant heat stress.



Heat stress can reduce milk yield by as much as 50%. It can also lead to lower milk quality, poor reproductive performance, slow growth, increased water intake, reduced nutrient uptake and poor general welfare. These effects contribute to serious inefficiency and lost profitability, and also excessive methane production per unit of product.



Farmers around the world invest heavily in their production systems to mitigate heat stress, but the alternative low-cost option to deliver reduced heat stress is to be found through improved genetics.



DON'T CHANGE YOUR FARMING PRACTICES

change your genetics

TrRG's new developments with the slick gene are a quantum leap forward for heat tolerance and milk production under heat stress.

- Up to 4 litres more milk per day
- Up to 2 months shorter calving interval
- Heifers reach mating weights 2 months earlier

The 'slick gene' that the TrRG bull teams possess enables their daughters to regulate body temperature whilst maintaining milk yield under heat stress conditions. These cows are able to breed back quicker, offering more days in milk, better reproduction and weight gain performance.

This is a new and exciting science-driven breed, to enhance the longevity, reproduction and productivity of your herd in ever more challenging climatic conditions.

Kiwipole™ from TrRG is a proven Crossbred dairy type with associated milk-ability and genetic potential proven since 2011 in a well-established large-scale New Zealand commercial herd. Kiwipole™ are 100% Taurus breed, with decades of breed improvement, but are as heat tolerant as local Indicus breeds.

True-to-breed and emerging Purebred bloodlines are in place We understand dairy farming profitability and we have a product for your farming system.



Holstein



Crossbreed



Jersey



Beat the Heat!

OUR STORY

Tropical Resilience Genetics

Back in 2006 on a field trip to Venezuela, the Founders noticed that some Carora cows were not making use of the available shade and were happily grazing in the direct sun, exposed to the considerable heat and humidity.

It turned out that these cows were also producing sustainable and profitable yields.

The following year a similar observation was made in Costa Rica, with dairy cattle derived from the Senepol tropical breed. These cattle were also exhibiting exceptional heat tolerance and solid performance due to a 'slick' gene, a gene that improves heat tolerance and a visibly 'slick' shorter hair coat.

A few years later the opportunity to infer heat tolerance into temperate dairy cattle began in earnest using Senepol cattle. Over the following years, the specific gene marker was identified and introgression of the slick gene made it possible to achieve purebred, heat tolerant dairy herds.

The work refining and developing the breadth and depth of herd and bloodlines continue using natural breeding.



HOLSTEIN



A true to breed animal for Free Stall Barn Systems in microclimates of moderate to high heat stress with a milk volume payout scheme.

The naturally bred slick US Holstein line is bred for a Free Stall Barn System, it has its origins in Senepol' genetics imported from Prime Rate Range and Castle Nugent. The semen was mated to top cows in Paul Bardoul's intensively farmed Holstein herd, in Ohaupo, Waikato, New Zealand, starting in 2008. From 2011 we were strongly encouraged by the milk production of the FIs and continued with a series of forward matings to what today has delivered a significant milking herd of true to type and purebred Holsteins, giving us confidence that even in a predominantly cooler climate, they are efficient milking animals with no downside.

In the Waikato summer, we do also experience some periods of moderate heat stress. In those periods we see the SLICK animals out grazing while the others cluster under trees, we have rumen boluses that prove they are definitely running cooler than the non-slicks, the boluses also tell us they are drinking less water, and respiratory rates are much reduced when observed in the rotary platform. All farming indicators align with the published science.

In 2012 we were the first in the world to deliver naturally bred Dairy Type Homozygous Slick Bulls for the purpose of semen export, from one of the highest health status countries in the world. We have named our crossbred lines the Kiwipole, which stands for naturally breed animals, with proven Dam performance. Our 250 cow breeding nucleus of very different bloodlines allows us to work with you to customize a solution for your farm system, milk payout schedules, dairy beef payment schedules, and levels of farm heat stress.

TrRG is establishing a breeding nucleus and bull teams physically located in the USA and Australia, in addition to the existing New Zealand bull team. These teams provide further diversity of genetics, and can reach new markets.

C-HAVEN KENTUCKY - ET

Three Generation Pedigree

Only in USA
& Mexico



C-HAVEN KENTUCKY - ET



International ID: HO840003204195297

RHA 93%

Sex: MALE
Breed: H H15 S1

Date of Birth : 5/03/2020
Beta Casein: A2A2
Slick Gene Status: Heterozygous
TGTPi: 3039
TGNM\$: +1018
Polled

Milk lbs	2718
Fat	+27
Pro	+19
SCS	2.78
Longevity	+1.8
Calving Ease	2.1
Daughter Preg Rate	2.2



F = NZ Fresian (pasture selection)
H = Holstein (Free Stall Barn selection)
J = NZ Jersey
S = Senepol



Genomic DNA tested USA.

SLICK-GATOR LONE RANGER



Oseas HB No: HOUSA000144046164
TPI: 2226
NMS: +312
RHA 87%
Breed: H H15 S1

Fat %: 0.11
Protein%: 0.02



DAM: C-HAVEN BANDARES VILM



Oseas HB No: HO840003143282250
TPI: 2470
NMS: +417
Breed: H H16

Age	Milk	Protein	Milkfat	Days
Age	(ltr)	(%)	(kg)	Days
2 yr 0 mo	9402	3.40	315	5.20 487 297

ROYLANE CHAMP VAL 4246-ET



Oseas HB No: HOUSA000069128164/USA
TPI: 2417
NMS: +456

RHA 100%
Breed: H H16

SLICK-GATOR SOFIA



Oseas HB No: HO840003009366901
TPI: 1946
NMS: +71
RHA 74%
Breed: H H14S2

Age	Milk	Protein	Milkfat	Days
Age	(ltr)	(%)	(kg)	Days
5 yr 9 mo	9752	3.00	294	4.50 434 305
4 yr 9 mo	8890	3.40	298	4.00 357 291
3 yr 9 mo	7683	3.10	241	4.70 358 284
Avg.	8775	3.17	278	4.40 383 293 3 Lacts.

SIRE:

WA-DEL YODER BANDARES - ET



Oseas HB No: HOUSA000143189741
TPI: 2345
NMS: +304
RHA 100%
Breed: HF H16

DAM:

C-HAVEN DRACO VILMA.ET



Oseas HB No: HO840003133881062
TGTPi: +2485
TGNM\$: +425
RHA 100%
Breed: HF H16

Age	Milk	Protein	Milkfat	Days
Age	(ltr)	(%)	(kg)	Days
2 yr 11 mo	10137	3.50	356	4.80 489 305
1 yr 11 mo	11013	3.40	370	4.90 537 305
Avg.	10575	3.45	363	4.85 513 305 2 Lact

ROYLANE CHAMPION CHAMP-ET

Oseas HB No: HOUSA000135056079
Breed: PH H16

SEAGULL-BAY OMAN MIRROR-ET

Oseas HB No: HOUSA000062115945
Breed: H H16

Oseas HB No: HOUSA000142927746
Breed: H H14

Oseas HB No: HOUSA00058BMF9249

Breed: H H16

WOODCREST MOGUL YODER - ET

Oseas HB No: HOUSA000072254526
Breed: PH H16

WA-DEL MASSEY BELINDA-ET

Oseas HB No: HOUSA000142259036
Breed: H H16

Mr Colin Draco 15006-ET

Oseas HB No: HO840003012574853

C-HAVEN MOGUL

Oseas HB No: HOUSA000071990741
Breed: F F16

8 Lacts.	Protein	Milkfat	Days
Milk (ltrs)	(%)	(Kg)	(%)
9763	3.14	306	3.34 326 246



Beat the Heat!

KIWIPOLE CRICKET KAIPAKI

Three Generation Pedigree

LIMITED STOCKS!!!



KIWIPOLE CRICKET KAIPAKI



NZ AB Code: 520709
 International ID: HOLNZLM000000520709
 Birth Ident: BDPH-19-325
 Sex: MALE
 Breed: H H13 S2
 Date of Birth: 5/09/2019
 Beta Casein: A2A2
 Slick Gene Status: Homozygous
 TGPI: 1988
 TGNMS: +254

Milk lbs	838
Fat %	4.9
Protein %	3.9
SCS	3.03
Longevity	0.2
Calving Ease	0
Daughter Preg Rate	1.3



F = NZ Friesian (pasture selection)
 H = Holstein (Free Stall Barn selection)
 J = NZ Jersey
 S = Senepol

KIWIPOLE PLANET CRICKET



International ID: HOLNZL123520784517 (117711)
 Birth ID: BDPH-16-102
 TGPI: 2429
 TGNMS: +736
 Breed: H H14S2
 Fat %: 4.2
 Protein %: 3.7



DAM: KIWIPOLE CANDICE



Birth Ident: BDPH-16-203
 Breed: HS FR11J3S2
 Slick Gene Status: Heterozygous

Age	Milk (ltr)	Protein (%)	(Kg)	Milkfat (%)	(Kg)	Days
2 yr 11 m	5951	3.59	214	4.84	288	180
1 yr 10 n	6541	3.69	241	5.14	336	285
Avg.	6246	3.64	228	4.99	312	233

2Lacts.



ENSENADA TABOO PLANET-ET



Oseas HB No: 000060597003/USA (108766)
 TPI: 2063
 NMS: +188
 Breed: H H16

DAM: KIWIPOLE MARILYN



Birth Ident: BDPH-13-213
 Breed: HS H12S4
 Slick Gene Status: Heterozygous

Age	Milk (ltr)	Protein (%)	(Kg)	Milkfat (%)	(Kg)	Days
6 yr 10 m	5802	3.88	225	4.24	246	266
5 yr 11 m	5969	3.31	198	4.47	267	265
4 yr 11 m	8,645	3.74	323	3.27	283	273
3 yr 11 m	8599	3.49	300	3.60	310	281
2 yr 11 m	7065	3.55	251	3.64	257	293
2 yr 0 m	6875	3.50	541	3.60	248	258
Avg.	7159	3.58	306	3.80	269	273

6 lacts

KIWIPOLE SLICK GRAZER

Birth Ident: BDPH-12-183 (514680)

Breed: HJ H4F4J4S4

DAM:

Birth Ident: BDPH-11-238
 Breed: HS F14J1

Age	Milk (ltr)	Protein (%)	(Kg)	Milkfat (%)	(Kg)	Days
5 yr 0 m	8020	3.34	268	4.94	396	246
2 Yr 11 m	9642	3.46	333	3.97	383	280
2 yr 0m	7083	3.55	251	4.22	299	259
Avg.	8248	3.45	284	4.38	359	262

3Lacts.

ROSE BAUM TABOO ET

Oseas HB No: 000017121203/USA
 Breed: H H16

PLUSHANSKI AMEL PATTY ET

Oseas HB No: 000130161039/USA
 Breed: H H16

RALMA O-MAN CF CRICKET-ET

Oseas HB No: 000052357928/USA (110601)
 TPI 1735 NMS +42

Breed: HF H16

DAM:

Birth Ident: BDPH-09-169
 Breed: HS H8 S8

SCOTTS COMANCHE F8J8

Birth Ident: HGMC-05-73 (506807)
 Breed: FJ F8J8

DAM:

Birth Ident: BDPH-09-169
 Breed: H8O8

4 Lacts.	Protein (%)	Milkfat (%)	Days
Milk (ltr)	(Kg)	(Kg)	
4936	3.38	167	3.60 178 202

HSS SHOTTLE LIST - ET

Birth Ident: DVLB-06-64 (107763)
 Breed: S S16

DAM:

Birth Ident: BDPH-04-84
 Breed: F F12J2

6 Lacts.	Protein (%)	Milkfat (%)	Days
Milk (ltr)	(Kg)	(Kg)	
6989	3.67	256	4.41 308 240



Genomic DNA tested USA.



Beat the Heat!

KIWIPOLE SALTY CRICKET

Three Generation Pedigree



LIMITED STOCKS!!!

KIWIPOLE SALTY CRICKET



NZ AB Code: 120829
International ID: NZLBDPH20190335

Birth Ident: BDPH-19-335

Sex: MALE
Breed: H H14 S2
Date of Birth: 21/08/2019
Beta Casein: A2A2
Slick Gene Status: Heterozygous
TGPI: 2555
TGNMS: +847

Milk lbs	1305
Fat %	4.6
Protein %	3.8
SCS	2.95
Longevity	1.6
Calving Ease	0
Daughter Preg Rate	1.1



F = NZ Friesian (pasture selection)
H = Holstein (Free Stall Barn selection)
J = NZ Jersey
S = Senepol

DELABERGE SALT PB



Oseas HB No: HOCAN000011591483/CAN
TPI: 2341
NMS: +531
Breed: H H16
Fat %: 4.6
Protein%: 3.7



DAM: KIWIPOLE MARILYN



Birth Ident: BDPH-13-213
Breed: HS H12S4
PRLR deletion at exon10: Heterozygous

Age	Milk (ltr)	Protein (%)	Protein (Kg)	Milkfat (%)	Milkfat (Kg)	Days
6 yr 10 m	5802	3.88	225	4.24	246	266
5 yr 11 m	5969	3.31	198	4.47	267	265
4 yr 11 m	8,645	3.74	323	3.27	283	273
3 yr 11 m	8599	3.49	300	3.60	310	281
2 yr 11 m	7065	3.55	251	3.64	257	293
2 yr 0 m	6875	3.50	541	3.60	248	258
Avq.	7159	3.58	306	3.80	269	273 6 lacts



MOUNTFIELD SSI DCY MOGUL-ET



Oseas HB No: 003006972816/USA
TPI: 2431
NMS: +612
Breed: H H16



DELABERGE PLANET LOUISA



Oseas HB No: 000105841581/CAN
Breed: H H16

RALMA O-MAN CF CRICKET-ET



Oseas HB No: 000052357928/USA (110601)
TPI: 1735
NMS: +42
Breed: HF H16

DAM:

Birth Ident: BDPH-09-169
Breed: HS H8 S8

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
5 yr 0 n	6588	3.31	218	3.61	238	233
4 Yr 0 r	4569	3.48	159	3.91	179	159
2 yr 11	4869	3.25	158	3.26	159	171
2 yr 0 n	3720	3.57	133	3.63	135	246
Avq.	4937	3.40	167	3.60	178	202 4 Lacts.

COYNE-FARMS DORCY ET

Oseas HB No: 000139005002/USA
Breed: PH H16

MOUNTFIELD MARSH MAXINE ET

Oseas HB No: 000062784081/USA
Breed: H H16

ENSENADA TABOO PLANET-ET

Oseas HB No: 00060597003/USA
Breed: H H16

DELABERGE JUSTICE LU

Oseas HB No: 000102736679/CAN
Breed: H H16

O-BEE MANFRED JUSTICE ET

Oseas HB No: 000122358313/USA (103757)
Breed: PH H16

RALMA CHRISTMAS FUDGE

Oseas HB No: 000051547373/USA
Breed: H H16

Milk (ltrs)	Protein (%)	Milkfat (%)	Days
	F	H16	

RED PRR 2110L

Oseas HB No: 0000PRR21101/USA (707109)
Breed: S S16

DAM:

Birth Ident: BDPH-05-120
Breed: F F16

8 Lacts.	Protein (%)	Milkfat (%)	Days
Milk (ltrs)	(%)	(Kg)	(Kg)
9763	3.14	306	3.3 326
			246



Genomic DNA tested USA.



Beat the Heat!

RESILIENCE TAMA GRAND

Three Generation Pedigree

RESILIENCE TAMA GRAND

NZ AB Code: 52477
 Birth Ident: MDBP-23-3013
 Sex: MALE
 Breed: FJ F12J3
 Date of Birth: 08/04/2023
 Slick Gene Status: Homozygous
 Fat %: 5.2
 Protein %: 4.0



F = NZ Friesian (pasture selection)
 H = Holstein (Free Stall Barn selection)
 J = NZ Jersey
 S = Senepol

TRG CRICKET TAMA

Birth Ident: MNJL-20-249 (122790)
 Breed: F F14O2

KIWIPOLE GRACE

Birth Ident: GHY-18-240
 Breed: FJ F10J6

3 Lacts.	Milk	Protein	Milkfat			Days	LW
Age	(ltr)	(%)	(kg)	(%)	(kg)		
5 yr 9 m	833	3.86	32	6.14	51	37	264
4 yr 8 m	3192	4.34	138	5.99	191	254	-135
3 yr 0 m	5288	4.28	226	5.66	299	305	239
2 yr 0 m	2502	4.15	104	5.51	138	219	41

Avg ^D 3661 4.27 156 5.72 210 259



KIWIPOLE PLANET CRICKET

Birth Ident: BDPH-16-102 (117711)
 Breed: FJ F14O2

KIWIPOLE

Birth Ident: BDPH-18-141
 Breed: F F14J1

3 Lacts.	Milk	Protein	Milkfat			Days	LW
Age	(ltr)	(%)	(kg)	(%)	(kg)		
5 yr 1 m	^D 7686	3.50	269	5.04	387	278	-25
3 yr 0 m	6714	3.79	254	4.61	309	305	204
2 yr 0 m	^D 7744	3.48	269	4.58	355	266	188

Avg ^D 7381 3.58 264 4.75 350 283

KIWIPOLE SLICK CHECKPOINT

Birth Ident: BDPH-16-120 (517751)
 Breed: FJ F11J4

DAM

Birth Ident: GHY-16-109
 Breed: F F8J8

4 Lacts.	Milk	Protein	Milkfat			Days	LW
Age	(ltr)	(%)	(kg)	(%)	(kg)		
5 yr 7 m	8363	3.92	328	4.98	416	305	386
3 yr 11 m	6563	4.24	278	5.49	361	298 T	304
3 yr 0 m	5990	4.34	260	5.19	311	274	307
2 yr 0 m	4548	4.18	190	5.59	254	271	265

Avg 6367 4.15 264 5.27 336 287

ESENADA TABOO PLANET-ET

Oseas HB No: 000060597003/USA (108766)
 Breed: PF F16

KIWIPOLE MARILYN

Birth Ident: BDPH-13-213
 Breed: FO F12O4

7 Lacts.	Milk	Protein	Milkfat			Days
Age	(ltr)	(%)	(kg)	(%)	(kg)	
^D 6830	3.67	251	3.75	256	283	

MR MOHUL DELTA 1427-ET

Oseas HB No: 00072128216/USA (117694)
 Breed: PF F16

KIWIPOLE CANDICE

Birth Ident: BDPH-16-203
 Breed: FJ F11J3

2 Lacts.	Milk	Protein	Milkfat			Days
Age	(ltr)	(%)	(kg)	(%)	(kg)	
^D 6246	3.64	227	5.00	312	233	

HOWIES CHECKPOINT

Oseas HB No: HHTT-07-90 (508077)
 Breed: FJ F9J7

DAM

Birth Ident: BDPH-14-250
 Breed: FJ F12J2

6 Lacts.	Milk	Protein	Milkfat			Days
Age	(ltr)	(%)	(kg)	(%)	(kg)	
^D 4071	4.15	169	5.88	239	248	

ARKANS BEAUT ET

Birth Ident: MHT-10-75 (511026)
 Breed: FJ F9J7

DAM

Birth Ident: FTFC-11-19
 Breed: JF J9F7

5 Lacts.	Milk	Protein	Milkfat			Days
Age	(ltr)	(%)	(kg)	(%)	(kg)	
4588	3.94	181	5.23	240	247	

RESILIENCE JACKO PROPHET-RED

Three Generation Pedigree

RESILIENCE JACKO PROPHET-RED

NZ AB Code: I24775
 Birth Ident: MDBP-22-2028

Sex: MALE
 Breed: F F1501
 Date of Birth: 21/04/2022

Fat %: 4.4
 Protein %: 3.6



CRV DELTA JACKO PP-RED

Oseas HB No: 000742955086/NLD (119563)
 Breed: PF F16

DAM

Birth Ident: BDPH-19-145
 Breed: FO F1303

2 Lacts.	Milk (ltr)	Protein (%)	Milkfat (kg)	Milkfat (%)	Days	LW
Age						
3 yr 11 m	1875	3.46	65	3.64	68	75 -28
2 yr 11 m	7074	3.33	234	3.50	246	299 80
1 yr 11 m	5283	3.84	203	4.43	234	301 252
Avg	6164	3.55	219	3.90	240	300

DELTA LEADER P

Oseas HB No: 000574797988/NLD
 Breed: F F16

JOSLENE

Oseas HB No: 000592676759/NLD
 Breed: F F16

KIWIPOLE SLICK PATHOS

Birth Ident: BDPH-15-616 (516583)
 Breed: FO F1006

DAM

Birth Ident: BDPH-17-7068
 Breed: F F15

3 Lacts.	Milk (ltr)	Protein (%)	Milkfat (kg)	Milkfat (%)	Days	LW
Age						
3 yr 10 m	D12505	3.22	403	3.38	423	305 157
3 yr 11 m	D11358	3.30	375	3.73	424	296 92
2 yr 0 m	D8423	3.10	261	3.85	324	249 244
Avg	D10762	3.22	346	3.63	391	283

DELTA RAFTER P

Oseas HB No: 000876695418/NLD
 Breed: F F16

K&L LEIDA 2424

Oseas HB No: 000655924247/NLD
 Breed: F F16

DE VOLMER BRASIL

Oseas HB No: 000920744181/NLD (116592)
 Breed: PF F16

VVH JOSEFIEN 19

Oseas HB No: 000919334337/NLD
 Breed: F F16

KIWIPOLE GRAZER SUPER

Birth Ident: GWLT-12-163 (713010)
 Breed: FO F808

KIWIPOLE MARILYN

Birth Ident: BDPH-13-213
 Breed: FO F1204

7 Lacts.	Milk (ltr)	Protein (%)	Milkfat (kg)	Milkfat (%)	Days	LW
Age						
D	6830	3.67	251	3.75	256	283

LINCOLN-HILL SHOT LASER-ET

Oseas HB No: 000062072898/USA (111873)
 Breed: PF F16

DAM

Birth Ident: BDPH-15-118
 Breed: F F14

2 Lacts.	Milk (ltr)	Protein (%)	Milkfat (kg)	Milkfat (%)	Days	LW
Age						
Milk	12109	3.22	390	3.04	368	303

F = NZ Friesian (pasture selection)
 H = Holstein (Free Stall Barn selection)
 J = NZ Jersey
 S = Senepol

TTM GEORGE SLICK-ET

Three Generation Pedigree

Only in USA
& Mexico



TTM GEORGE SLICK-ET TR PC TC TL TD



International ID: HO840003204195295

RHA 93%

Sex: MALE
Breed: H H15 S1
Date of Birth: 15/01/2020
Beta Casein: A2A2
Slick Gene Status: Heterozygous
TGTPi: 2985
TGNMS: +1025 Polled

Milk lbs	3745
Fat	+55
Protein	+35
SCS	2.89
Longevity	0.4
Calving Ease	1.9
Daughter Preg Rate	-0.8



F = NZ Friesian (pasture selection)
H = Holstein (Free Stall Barn selection)
J = NZ Jersey
S = Senepol

SLICK-GATOR LONE RANGER



Oseas HB No: HOUSA000144046164
TPI: 2220
NMS: +311 H14 S2
Breed: H
Fat %: 0.11
Protein%: 0.02



DAM: TTM JO SUPER ECSTATIC



Oseas HB No: HO840003128162373
TPI: 2611
NMS: +581
Breed: H H16

Age	Milk (ltr)	Protein (%)	(kg)	Milkfat (%)	(kg)	Days
4 Yr 3 m	14864	3.10	467	3.20	467	305
3 yr 1 mo	15689	3.10	481	3.70	481	305
1 yr 11 m	13707	3.10	429	4.00	541	305
Avg.	14753	3.10	459	3.63	496	305 3 Lacts.

ROYLANE CHAMP VAL 4246-ET



Oseas HB No: HOUSA000069128164
TPI: 2417
NMS: +456
RHA 100%
Breed: H H16

SLICK-GATOR SOFIA



Oseas HB No: HO840003009366901
TPI: 1946
NMS: +71
RHA 74%
Breed: H H12

Age	Milk (ltr)	Protein (%)	(kg)	Milkfat (%)	(kg)	Days
5 yr 9 mo	9752	3	294	4.50	434	305
4 yr 9 mo	8890	3.4	298	4.00	357	291
3 yr 9 mo	7683	3.1	241	4.70	358	284
Avg.	8775	3.17	278	4.40	383	293 3 Lacts.

UECKER SUPERSIRE JOSUPER-ET

Oseas HB No: 70723929/USA
TPI: 2709
NMS: +650
RHA 99%
Breed: HF H16

SEAGULL-BAY MISS EBY-ET



Oseas HB No: 840003012644230/
TGTPi: 2227
TGNMS: +250
RHA 100%
Breed: HF H16

Age	Milk (ltr)	Protein (%)	(kg)	Milkfat (%)	(kg)	Days
3 yr 3 mo	18397	3.25	522	3.26	671	305
1 yr 11 mo	12696	3.57	358	3.63	458	305
Avg.	15547	3.41	440	3.45	564.5	305 2 Lacts.

ROYLANE CHAMPION CHAMP-ET

Oseas HB No: HOUSA000135056079
Breed: PH H16

SEAGULL-BAY OMAN MIRROR-ET

Oseas HB No: HOUSA000062115945
Breed: H H16

Oseas HB No: HOUSA000142927746

Breed: H H14

Oseas HB No: HOUSA00058BMF9249

Breed: H H16

SEAGULL BAY SUPERSIRE - ET

Oseas HB No: HOUSA000069981349
Breed: PH H16

UECKER BEACON JOYFULLY-ET

Oseas HB No: HOUSA000068817934

DA-SO-BURN UMS EARNHARDT

Oseas HB No: HOUSA000068972328

SEAGULL-BAY MIS UNIVERSE-ET

Oseas HB No: HOUSA000070640282
Breed: H H16

8 Lacts.	Protein (%)	Milkfat (%)	(Kg)	(Kg)	Days
Milk (ltrs)	3.14	3.06	3.34	3.26	246
	9763				



Genomic DNA tested USA.



Beat the Heat!

SLICK MOGUL CRICKET

Three Generation Pedigree

LIMITED STOCKS!!!



SLICK MOGUL CRICKET

NZ AB Code: 119767
International ID: HONZLBDPH20177229
Birth Ident: BDPH-17-7229
Sex: MALE
Breed: H H14 S2
Date of Birth: 14/08/2017
Beta Casein: A1A2
Slick Gene Status: Heterozygous
TGTP1: 2715
TGNM\$: +1010

Milk lbs	2604
Fat %	4.3
Protein %	3.5
SCS	2.8
Longevity	-0.7
Calving Ease	5.2
Daughter Preg Rate	-0.2



F = NZ Friesian (pasture selection)
H = Holstein (Free Stall Barn selection)
J = NZ Jersey
S = Senepol



Genomic DNA tested USA.

MOUNTFEILD SSI DCY MOGUL-ET

Oseas HB No: HO840003006972816
TPI: 2431
NM\$: +612
Breed: H H16
Fat %: 4.5
Protein%: 3.3

Daughters average production

Milk (ltr)	Protein		Milkfat		Days
	(%)	(Kg)	(%)	(Kg)	
13382	3.90	525	3.10	412	



DAM: KIWIPOLE MARILYN

Birth Ident: BDPH-13-213
Breed: HS H12S4
Slick Gene Status: Heterozygous

Age	Milk (ltr)	Protein (%)	Protein (Kg)	Milkfat (%)	Milkfat (Kg)	Days
6 yr 10 m	5802	3.88	225	4.24	246	266
5 yr 11 m	5969	3.31	198	4.47	267	265
4 yr 11 m	8,645	3.74	323	3.27	283	273
3 yr 11 m	8599	3.49	300	3.60	310	281
2 yr 11 m	7065	3.55	251	3.64	257	293
2 yr 0 m	6875	3.50	541	3.60	248	258
Avg.	7159	3.58	306	3.80	269	273



COYNE-FARMS DORCY ET

Oseas HB No: 000139005002/USA
TPI: 2239
NM\$: +175
Breed: H H16

MOUNTFEILD MARSH MAXINE ET

Oseas HB No: 000062784081/USA
TPI: 2041
NM\$: +98
Breed: H H16



RALMA O-MAN CF CRICKET-ET

Oseas HB No: 000052357928/USA (110601)
TPI: 1735
NM\$: +42
Breed: HF H16

DAM:

Birth Ident: BDPH-09-169
Breed: HS H8 S8

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
5 yr 0 m	6588	3.31	218	3.61	238	233
4 Yr 0 m	4569	3.48	159	3.91	179	159
2 yr 11 m	4869	3.25	158	3.26	159	171
2 yr 0 m	3720	3.57	133	3.63	135	246
Avg.	4936.5	3.40	167	3.60	177.8	202

8 Lacts. Protein 3.60 Milkfat 3.63 Days 202 4 Lacts.

SANDY-VALLEY BOLTON-ET

Oseas HB No: 000131823833/USA
Breed: PH H16

COYNE-FARMS BRET DAFFERS

Oseas HB No: 000061319723/USA
Breed: H H16

PASEN MARSH ET

Oseas HB No: 00130312332/USA
Breed: H H16

PINE-TREE MISSY MIRANDA-ET

Oseas HB No: 000061733095/USA
Breed: H H16

03-08 3x 365d 35550m 4.9 1730f 3.7 1325p

O-BEE MANFRED JUSTICE-ET

Oseas HB No: 000122358313/USA (10375)
Breed: PH H16

RALMA CHRISTMAS FUDGE

Oseas HB No: 000051547373/USA
Breed: H H16

RED PRR 2110L

Oseas HB No: 0000PRR21101/USA (707109)
Breed: S S16

Birth Ident: BDPH-05-120

Breed: F F16

8 Lacts.	Protein (%)	Milkfat (%)	Milk (liters)	(%)	(Kg)	(%)	(Kg)	Days
	3.14	3.06	3.34	3.26	246			



Beat the Heat!



CROSSBREED



A composite animal bred for high to extreme heat stress, under forage and pasture based milk production systems tending towards a milk solids (fat plus protein) payout schemes

The naturally bred slick Kiwipole CrossBred line is a composite animal bred for high to extreme heat stress, under forage and pasture based milk production systems. The first Senepol semen was mated to Paul Bardoul's high producing Holstein herd, in Ohaupo, Waikato, New Zealand, in 2008 and from then on has blended the milk volume of the US Holstein, with the fertility and forage efficiency of NZ genetics.

A foundation bull from the crossbred line was named Slick Grazer, born in 2012, he was 25% Senepol, 25% US Holstein, 12.5% NZ Holstein and 12.5% NZ Jersey, a great bull by dairy type, his daughters are milking well in New Zealand dairy farms and other farms under heat stress around the world such as Vietnam and Philippines.

In 2015 we were the first in the world to deliver naturally bred Dairy Type Homozygous Slick Bulls for the purpose of export, they were named Eros, Himeros and Pothos. These initial bulls were bred with a high component of residual Senepol delivering a resilient but milky animal with a reasonable opportunity for Dairy Beef for the bull calf progeny.

Further development of the crossbred line, utilizing several more NZ herds has provided the genetic platform to create more options for farmers. Some of the bull team has reduced residual Senepol for more moderate climates, other options have increased US Holstein for liquid milk markets, and increasing the NZ genetic influence for heat stress and free range pasture base system.

KIWIPOLE HOTHOUSE KAKAHU ET

Three Generation Pedigree



KIWIPOLE HOTHOUSE KAKAHU ET

Bull Code: **521707**
 Birth Ident: **MNJL-20-251**
 Sex: **MALE**
 Breed: **F10J551**
 Date of Birth: **24/07/2020**
 Fat %: **5.3**
 Protein %: **4.2**
 Beta Casein: **A2A2**
 Slick Gene Status: **Homozygous**



F = NZ Friesian (pasture selection)
 H = Holstein (Free Stall Barn selection)
 J = NZ Jersey
 S = Senepol

KIWIPOLE TEMAWHAI HOTHOUSE

Bull Code: **519573**
 Birth Ident: **DFRK-18-91**
 Sex: **MALE**
 Breed: **F10J0452**
 Date of Birth: **01/07/2018**
 Fat %: **5.2**
 Protein %: **4.2**
 Beta Casein: **A1A2**

KIWIPOLE GRACE

Birth Ident: **GHY-18-240**
 Breed: **FJ F10J6**

3 Lacts.	Milk	Protein	Milkfat			
Age	(ltr)	(%)	(kg)	(%)	(kg)	Days
5 yr 9 m	833	3.86	32	6.14	51	37 264
4 yr 8 m	3192	4.34	138	5.99	191	254 -135
3 yr 0 m	5288	4.28	226	5.66	299	305 239
2 yr 0 m	2502	4.15	104	5.51	138	219 41

Avg 3661 4.27 156 5.72 210 259



KIWIPOLE SLICK TEMAWHAI

Bull Code: **516580**
 Birth Ident: **LWXM-15-94**
 Breed: **J8F454**

DAM

Birth Ident: **DFRK-16-12**
 Breed: **F16**

Age	Milk	Protein	Milkfat	Days
Age	Ltrs	(%)	(kg)	(%)
2 yr 0 m	1874	3.97	74	4.58 86 93
Avg.	1874	3.97	74	4.58 86 93

KIWIPOLE SLICK CHECKPOINT

Birth Ident: **BDPH-16-120 (517751)**
 Breed: **F11 J4**
 Fat %: **5.4**
 Protein %: **4.1**

DAM:

Birth Ident: **GHY-16-109**
 Breed: **F8J8**

Age	Milk	Protein	Milkfat	Days
	(ltr)	(%)	(kg)	(%)
3yr 11 mo	6563	4.24	278	5.49 361 306
3yr 0 mo	5990	4.34	260	5.19 311 274
2yr 0 mo	4548	4.18	190	5.59 254 271
Avg.	5700	4.25	243	5.42 309 284

KIWIPOLE GRAZER EFFICIENT

Bull Code: **713012**
 Birth Ident: **GWLT-12-165**
 Breed: **F8S8**
DAM:
 Birth Ident: **LWXM-12-57**
 Breed: **J16**

4 Lacts	Protein	Milkfat
Milk	(%)	(Kg)
2807	4.37	123 6.37 179 212

MOURNE GROVE HOTHOUSE S2F

Bull Code: **110080**
 Birth Ident: **HCGP-09-90**
 Breed: **F16**
DAM: **MONOWHAI 11-21 S0F**
 Birth Ident: **DFRK-11-21**
 Breed: **F F16**

5 Lacts	Protein	Milkfat
Milk	(%)	(Kg)
6619	3.61	239 4.54 300 246

HOWIES CHECKPOINT

Birth Ident: **HHTT-07-90 (508077)**
 Breed: **F9J7**
DAM:
 Birth Ident: **BDPH-14-250**
 Breed: **FJ F12J2**

3 Lacts Protein	Milkfat
Milk	(%)
3947	4.04 159 5.87 232 213

ARKANS BEAUT ET

Birth Ident: **MHT-10-75 (511026)**
 Breed: **F9 J7**
DAM:
 Birth Ident: **FTPC-11-19**
 Breed: **J9 F7**

5 Lacts Protein	Milkfat
Milk	(%)
4588	3.94 181 5.23 240 247



Genomic DNA tested USA

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Beat the Heat!

KIVIPOLE EFFICIENT WAIPIRI

Three Generation Pedigree



KIVIPOLE EFFICIENT WAIPIRI



Bull Code: **519575**
 Birth Ident: **BDPH-18-220**
 Sex: **MALE**
 Breed: **F9J4S3**
 Date of Birth : **14/08/2018**
 Fat %: **5.6**
 Protein %: **4.4**
 Beta Casein: **A2A2**

Slick Gene Status: **Homozygous Polled**



F = NZ Friesian (pasture selection)
 H = Holstein (Free Stall Barn selection)
 J = NZ Jersey
 S = Senepol

KIVIPOLE 6637



Birth Ident: **BDPH-16-637**
 Sex: **MALE**
 Breed: **F13J102**
 Date of Birth : **14/09/2016**
 Fat %: **4.8**
 Protein %: **4.0**
 Beta Casein: **A1A2**

KIVIPOLE TYRA



Birth Ident: **LWXM-15-96**
 Breed: **JF J7F4S4**

Age	Milk (ltr)	Protein (%)	(Kg)	Milkfat (%)	(Kg)	Days
3 yr 7 m	4733	4.20	199	5.67	269	274
3 yr 0 m	6246	4.18	261	4.42	276	285
2 yr 0 m	5341	4.14	221	4.31	230	286
Avg.	5440	4.17	227	4.80	258	282



KIVIPOLE SLICK SYSTEM 5



Bull Code: **515588**
 Birth Ident: **BDPH-14-201**
 Breed: **F11S4**
DAM:
 Birth Ident: **BDPH-14-191**
 Breed: **F15J1**

Age	Milk (Ltrs)	Protein (%)	(kg)	Milkfat (%)	(kg)	Days
5 yr 0 m	4449	3.19	142	4.37	195	122
3 yr 7 m	10961	3.53	387	3.98	437	305
2 yr 8 m	5361	4.04	217	4.43	238	280
2 yr 0 m	3815	3.61	138	4.69	179	152
Avg.	6147	3.59	221	4.37	262	215

KIVIPOLE GRAZER EFFICIENT



Birth Ident: **GWLT-12-165 (713012)**
 Breed: **F8S8**
DAM:
 Birth Ident: **LWXM-11-27**
 Breed: **J14A2**

Age	Milk (ltr)	Protein (%)	(kg)	Milkfat (%)	(kg)	Days
7 yr 2 m	3979	4.28	170	6.12	243	249
6 yr 2 m	2901	4.36	126	6.31	183	182
5 yr 2 m	3569	4.41	158	6.03	215	222
4 yr 2 m	4044	4.38	177	5.95	241	229
3 yr 2 m	3768	4.29	162	6.29	237	242
Plus 1 unprinted lactation						
Avg.	3598	4.30	155	6.04	217	228

WAIPIRI PIVOT GIN

Birth Ident: **DVLB-11-333**
 Breed: **PF F16**

DAM:

Birth Ident: **BDPH-09-166**
 Breed: **OF O8FS**
2 Lact Protein Milkfat
 Milk (%) (Kg) (%) (Kg) Days
 1757 3.88 68 3.35 59 116

HSS FAVOUR PEER-ET S3F

Birth Ident: **GYJN-06-33 (107588)**
 Breed: **SF F16**

DAM:

Birth Ident: **BDPH-11-192**
 Breed: **F F14J2**
3 Lact Protein Milkfat
 Milk (%) (Kg) (%) (Kg) Days
 9855 3.29 324 3.87 381 290

CN 6614 "BELLO"

Oseas HB No: **000001100898/USA (707085)**
 Breed: **S S16**

DAM:

Birth Ident: **GWLT-05-25**
 Breed: **F F16**
7 Lact Protein Milkfat
 Milk (%) (Kg) (%) (Kg) Days
 5955 3.91 233 5.07 302 262

GLENHAVEN TGM GENIUS S3J

Birth Ident: **FMLW-05-81 (306016)**
 Breed: **SJ J16**

DAM:

Birth Ident: **HHMW-04-92**
 Breed: **JA J11A5 GP2**
6 Lact Protein Milkfat
 Milk (%) (Kg) (%) (Kg) Days
 3073 4.02 123 5.10 157 229



Genomic DNA tested USA



Beat the Heat!

KIWIPOLE POTHOS GRAZER

Three Generation Pedigree



KIWIPOLE POTHOS GRAZER



NZ AB Code: 519574
International ID: H0LNZLM000000519574

Birth Ident: BDPH-18-14

Sex: MALE

Breed: F5H3J4S4

Date of Birth: 29/03/2018

Fat %: 5.8

Protein %: 4.4

Beta Casein: A2A2

Slick Gene Status: Homozygous



KIWIPOLE SLICK POTHOS



Birth Ident: BDPH-15-616 (516583)

Breed: H6F4S6

Slick Gene Status: Homozygous

Fat %: 4.9

Protein %: 4.1



DAM: KIWIPOLE CHRISTIE



Birth Ident: VQQ-15-22

Breed: J8F6S2

Slick Gene Status: Heterozygous

Age	Milk (ltr)	Protein (%)	(Kg)	Milkfat (%)	(Kg)	Days
4 yr 7 m	6612	4.17	276	5.86	387	305
3 yr 6 m	4669	4.40	205	5.91	276	293
2 yr 7 m	6933	4.14	287	5.97	414	305
Avg.	6071	4.24	256	5.91	359	301



KIWIPOLE GRAZER SUPER



Birth Ident: GWLT-12-163 (713010)

Breed: FS F8S8

KIWIPOLE MARILYN



DAM:

Birth Ident: BDPH-13-213

Breed: H12S4

Slick Gene Status: Heterozygous

Age	Milk (ltr)	Protein (%)	(Kg)	Milkfat (%)	(Kg)	Days
6 yr 10 m	5802	3.88	225	4.24	246	266
5 yr 11 m	5969	3.31	198	4.47	267	265
4 yr 11 m	8,645	3.74	323	3.27	283	273
3 yr 11 m	8599	3.49	300	3.60	310	281
2 yr 11 m	7065	3.55	251	3.64	257	293
2 yr 0 m	6875	3.50	541	3.60	248	258
Avg.	7159	3.58	306	3.80	269	273

KIWIPOLE SLICK GRAZER



Birth Ident: BDPH-12-183 (514680)

Breed: F4H4J4S4

DAM:

Birth Ident: VQQ-11-123

Breed: JF J12F4

Age	Milk (ltr)	Protein (%)	(kg)	Milkfat (%)	(kg)	Days
9 yr 1 m	2235	3.88	87	5.08	113	100
8 yr 1 m	3402	3.81	130	5.82	198	256
7 yr 1 m	3146	3.93	124	5.35	168	257
4 yr 11 m	3048	4.36	133	6.53	199	195
Avg.	2958	4.00	119	5.70	170	202

CN 6614 "BELLO"

Oseas HB No: 000001100898/USA (707085)
Breed: S S16

DAM:

Birth Ident: GWLT-03-17

Breed: F F16

8 Lacts.	Protein (%)	Milkfat (%)	(Kg)	(Kg)	Days
6557	3.4	220	3.85	252	258

RALMA O-MAN CF CRICKET-ET

Oseas HB No: 000052357928/USA (110601)
Breed: PH H16

DAM:

Birth Ident: BDPH-09-169

Breed: H808

4 Lacts.	Protein (%)	Milkfat (%)	(Kg)	(Kg)	Days
4936	3.4	167	3.60	178	202

SCOTTS COMANCHE F8J8

Birth Ident: HGMC-05-73 (506807)

Breed: FJ F8J8

DAM:

Birth Ident: BDPH-09-169

Breed: H808

4 Lacts.	Protein (%)	Milkfat (%)	(Kg)	(Kg)	Days
4936	3.4	167	3.60	178	202

JUST ONCE FINN

Birth Ident: CQYL-09-180 (510018)

Breed: JF J11F5

DAM:

Birth Ident: LFLC-07-98

Breed: JF J12F4

6 Lact Protein	Milkfat	Milk (%)	(Kg)	(%)	(Kg)	Days
2815	4.1	116	6.07	171	218	



Genomic DNA tested USA



Beat the Heat!

KIWIPOLE HIBI FATAL

Three Generation Pedigree

LIMITED STOCKS!!!



KIWIPOLE HIBI FATAL



NZ AB Code: 517758
International ID: H0LNZLM000000517758

Birth Ident: BDPH-17-7250

Sex: MALE

Breed: F5H2J3A1S5

Date of Birth : 12/08/2017

Fat %: 6.2

Protein %: 4.7

Beta Casein: A2A2

Slick Gene Status: Homozygous



KIWIPOLE SLICK HIMEROS



Birth Ident: BDPH-15-626 (516574)

Breed: F4J6S6

Slick Gene Status: Homozygous

Fat %: 6.8

Protein %: 4.9



DAM: KIWIPOLE NAOMI



Birth Ident: BDPH-15-256
Breed: F4H4S4A2

Slick Gene Status: Heterozygous

Age	Milk (ltr)	Protein (%)	Protein (Kg)	Milkfat (%)	Milkfat (Kg)	Days
3 yr 11 m	3492	3.36	117	3.40	119	146
2 yr 11 m	7280	3.75	273	4.50	327	258
1 yr 10 m	5367	3.62	194	4.23	227	286
Avg.	5380	3.58	195	4.04	224.3	230 3 lact



KIWIPOLE SLICK GRAZER



Birth Ident: BDPH-12-183 (514680)

Breed: F4H4J4S4

DAM:

Birth Ident: GHY-12-41

Breed: JS J8S8

	Milk (ltr)	Protein (%)	Protein (Kg)	Milkfat (%)	Milkfat (Kg)	Days
7 yr 0 m	5817	4.51	263	6.98	406	305
6 yr 0 m	6100	4.22	258	5.80	354	295
4 Yr 0 m	5512	4.14	228	5.31	293	293
Avg.	5810	4.29	250	6.03	351	298 3 lact

KIWIPOLE GRAZER EFFICIENT



Birth Ident: GWLT-12-165 (713012)

Breed: F8S8

DAM:

Birth Ident: BDPH-13-262
Breed: H8F4A4

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
2 yr 10 m	9557	3.27	312	3.50	336	285
Avg.	9557	3.27	312	3.51	336	285 1 Lact.

SCOTTS COMANCHE F8 J8

Birth Ident: HGMC-05-73 (506807)
Breed: FJ F8J8

DAM:

Birth Ident: BDPH-09-169
Breed: HS H8S8

4 Lact	Protein (%)	Protein (Kg)	Milkfat (%)	Milkfat (Kg)	Days
4936	3.4	167	3.60	178	202

CN 6614 "BELLO"

Oseas HB No: 000001100898/USA (707085)
Breed: S S16

WAIKARE MAESTRO CARLENE

Birth Ident: GHY-08-69
Breed: PJ J16

3 Lact	Protein (%)	Protein (Kg)	Milkfat (%)	Milkfat (Kg)	Days
3514	4.7	164	6.15	216	241

CN 6614 "BELLO"

Oseas HB No: 000001100898/USA (707085)
Breed: S S16

DAM:

Birth Ident: GWLT-05-25
Breed: FS F16

7 Lact	Protein (%)	Protein (Kg)	Milkfat (%)	Milkfat (Kg)	Days
5955	3.9	233	5.07	302	262

HIBI FATAL EUON-ET

Birth Ident: HGFK-97-4 (663967)
Breed: PH F16

DAM:

Birth Ident: BDPH-03-22
Breed: AH A8H8

6 Lact	Protein (%)	Protein (Kg)	Milkfat (%)	Milkfat (Kg)	Days
7981	3.6	285	4.14	330	237



Genomic DNA tested USA



Beat the Heat!

KIVIPOLE SLICK EROS

Three Generation Pedigree



KIVIPOLE SLICK EROS



NZ AB Code: **516573**
 International ID: **HOLNZLMO00000516573**

Birth Ident: **BDPH-15-625**

Sex: **MALE**

Breed: **J6 F2 H2 S6**

Date of Birth : **2/08/2015**

Fat %: **6.1**

Protein %: **4.5**

Beta Casein: **A2A2**

Slick Gene Status: **Homozygous**

Polled



F = NZ Friesian (pasture selection)
 H = Holstein (Free Stall Barn selection)
 J = NZ Jersey
 S = Senepol

KIVIPOLE SLICK GRAZER



Birth Ident: **BDPH-12-183 (514680)**

Breed: **F4 H4 J4 S4**

Slick Gene Status: **Heterozygous**

Fat %: **6.7**

Protein%: **4.8**



DAM: KIVIPOLE CLAUDIA

Birth Ident: **GHY-12-46**
 Breed: **J8 S8**

Slick Gene Status: **Heterozygous**

Age	Milk (litr)	Protein (%)	Milkfat (%)	Days
5 yr 5 m	2237	3.65	81.68	133 222
4 yr 1 m	6057	3.67	222 3.67	222 280
Avg.	4147	3.66	152 4.80	178 251 2 lacts



SCOTT'S COMANCHE F8 J8



Birth Ident: **HGMC-05-73 (506807)**

Breed: **FJ F8 J8**

DAM:

Birth Ident: **BDPH-09-169**

Breed: **H8 S8**

Age	Milk Ltrs	Protein (%)	Milkfat (%)	Days
5 yr 0 m	6588	3.31	218 3.61	238 233
4 Yr 0 m	4569	3.48	159 3.91	179 159
2 yr 11 m	4869	3.25	158 3.26	159 171
2 yr 0 m	3720	3.57	133 3.63	135 246
Avg.	4937	3.40	167 3.60	178 202 4 Lacts.

CN 6614 "BELLO"

Oseas HB No: **000001100898/USA (707085)**

Breed: **S16**

WAIKARE TYRONE HANNA S2J

Birth Ident: **GHY-06-12**
 Breed: **J16**

Age	Milk (litr)	Protein (%)	Milkfat (%)	Days
10 yr 0 m	4070	4.00	163 5.72	233 283
9 yr 0 m	3988	3.98	159 5.66	226 269
8 yr 0 m	4770	3.89	186 5.54	264 267
7 yr 0 m	4244	4.00	170 5.65	240 242
6 yr 0 m	1710	3.79	65 5.91	101 75
Plus 4 unprinted lactations				
Avg.	4032	3.91	158 5.63	227 257 8 Lacts.

OKURA MANHATTEN ET SJ3

Birth Ident: **CFWR-99-47 (300534)**
 Breed: **SJ J16**

SCOTT'S EASY CANDY

Birth Ident: **HGMC-03-18**
 Breed: **PF F16 84GP**

4 Lact	Protein	Milkfat	Days
Milk (%)	(Kg)	(Kg)	Days
6129	3.72	228 4.6	284 267

RED PRR 2110L

Oseas HB No: **0000PRR21101/USA (707109)**
 Breed: **S S16**

DAM:

Birth Ident: **BDPH-05-120**
 Breed: **H H16**

8 Lact	Protein	Milkfat	Days
Milk (%)	(Kg)	(Kg)	Days
9763	3.14	306 3.3	326 246

CN 5497

Oseas HB No: **000001060907/USA**
 Breed: **S S16**

OH 237

Oseas HB No: **000001064421/USA**
 Breed: **S S16**

Protein	Milkfat	Days
Milk (%)	(Kg)	(Kg)

BROOKVALE BERRETTA TYRONE

Birth Ident: **BGRN-96-200 (664020)**
 Breed: **PJ J16**

WAIKARE CASPER HANNAH SJ1

Birth Ident: **JHKH-01-4**
 Breed: **SJ J15 F1 GP2**

13 Lacts.	Protein	Milkfat	Days
Milk (%)	(Kg)	(Kg)	Days
3749	4.13	155 6.4	241 242



Genomic DNA tested USA



Beat the Heat!

JERSEY



For heat stress, forage and pasture based milk production systems.

The naturally bred slick Jersey line has been developed as Jersey is a more heat tolerant base than the Holstein. The Jersey bloodline feeds the NZ Crossbred lines, adding significant hybrid vigor. TRG has Jersey cows milking well in New Zealand dairy farms (with heat stress during summer season) and other farms that are under heat stress all year round around the world, such as Vietnam and Philippines.

Further development of the Jersey line, utilizing several more NZ herds, has provided the genetic platform to create more options for farmers. Some of the bull team has reduced residual Senepol for more moderate climates, other options have increased US Jersey for liquid milk markets, or increased NZ genetic influence for heat stress free range pasture based systems.



KIWIPOLE TERRIFIC MANGAWHERO

Three Generation Pedigree



KIWIPOLE TERRIFIC MANGAWHERO

Bull Code: **520711**
 Birth Ident: **BDPH-20-604**
 Sex: **MALE**
 Breed: **J J10F254**
 Date of Birth: **1/4/20**
 Fat %: **6.2**
 Protein %: **4.7**
 Beta Casein: **A2A2**
 KCN HAP GV **BB**
 PRLR deletion at exon10: **Homozygous Polled: PO**



F = NZ Friesian (pasture selection)
 H = Holstein (Free Stall Barn selection)
 J = NZ Jersey
 S = Senepol

KIWIPOLE SLICK TERRIFIC

Bull Code: **517753**
 Birth Ident: **BDPH-16-160**
 Breed: **JS J1254**
 Fat %: **5.7**
 Protein %: **4.4**
 PRLR deletion at exon10: **Heterozygous**



DAM: KIWIPOLE ADRIANA

Birth Ident: **LWXM-15-92**
 Breed: **J J8F454**
 PRLR deletion at exon10: **Heterozygous**

Age	Milk (ltr)	Protein (%)	(Kg)	Milkfat (%)	(Kg)	Days
4 yr 7 m	5,214	4.68	244	5.19	271	305
3 yr 6 mo	5,453	4.66	254	6.51	355	301
2 yr 0 m	4,000	4.43	177	4.87	195	259
Avg.	4,889	4.59	225	5.52	274	288 3 lact



LYNBROOK TERRIFIC ET S3J

Birth Ident: **DQBT-08-38 (309084)**
 Breed: **SJ J16**

KIWIPOLE KIWIPOLE CLAUDIA

Birth Ident: **GHY-12-46**
 Breed: **JS J858**

Age	Milk (ltr)	Protein (%)	(Kg)	Milkfat (%)	(Kg)	Days
5 yr 5 mo	2,237	3.65	82	5.93	133	222
4 yr 1 mo	6,057	3.67	222	3.67	222	280
Avg.	4147	3.66	151.84	4.8	177.5	251 2 lacts

KIWIPOLE GRAZER EFFICIENT

Bull Code: **713012**
 Birth Ident: **GWLT-12-165**
 Breed: **FO F808**

DAM: **LWXM-10-25**
 Birth Ident: **J J15F1**

Age	Milk (ltr)	Protein (%)	(kg)	Milkfat (%)	(kg)	Days
8 yr 3 mo	3,606	4.21	152	5.47	197	207
7 yr 1 mo	3,153	4.29	135	5.95	188	173
6 yr 2 mo	3,433	4.32	148	5.93	203	210
5 yr 3 mo	3,689	4.10	151	5.66	209	202
4 yr 2 mo	4,221	4.17	176	5.64	238	236
+ 2 unprinted lactations						
Avg.	3636	4.16	151	5.6	204	217 7 Lact

FERNAIG ADMIRAL S3J

Birth Ident: **KXC-96-305 (664092)**
 Breed: **SJ J16**

LYNBROOK OM TRICK ET S3J
 Birth Ident: **DQBT-05-10**
 Breed: **SJ J16 EX2**
3 Lacts. Protein Milkfat
 Milk (%) (Kg) (%) (Kg) Days
 6440 3.93 253 4.7 302 265

CN 6614 "BELLO"
 Oseas HB No: **00001100898/USA**
 Breed: **S 516**

WAIKARE TYRONE HANNA S2J
 Birth Ident: **GHY-06-12**
 Breed: **SJ J16**
8 Lacts. Protein Milkfat
 Milk (%) (Kg) (%) (Kg) Days
 4032 3.91 158 5.6 227 267

CN 6614 BELLO
 Osea HB No: 00000111
 CCCK-00-54 (301104)
 Breed: **SJ J16**
 DAM: **GWLT-05-25**
 Birth Ident: **F F16**
7 Lact Protein Milkfat
 Milk (%) (Kg) (%) (Kg) Days
 5955 3.91 233 5.1 302 262

LEITHLEA LIKA DEACON-04
 Birth Ident: **JVLH-04-30 (305173)**
 Breed: **PJ J16**

DAM: **LWXM-06-25**
 Birth Ident: **SJ J14F2**
3 Lacts. Protein Milkfat
 Milk (%) (Kg) (%) (Kg) Days
 2444 4.21 103 5.8 141 248



Genomic DNA tested USA

Disclaimer: Information provided on this WebSite or any other part is a combination of MMDA, LIC Herd Tests, DAL Automation, ST Genetic USA and other parties. All information provided here is with the best endeavor and TRIG is not liable for its accuracy or reliability.



Beat the Heat!

KIWIPOLE MANGA BARDOULUS

Three Generation Pedigree



KIWIPOLE MANGA BARDOULUS



Bull Code: **520710**

Birth Ident: **BDPH-20-503**

Sex: **MALE**

Breed: **J J11F3S2**

Date of Birth: **9/03/2020**

Fat %: **6.2**

Protein %: **4.6**

Beta Casein: **A1A2**

PRLR deletion at exon10: **Homozygous**



F = NZ Friesian (pasture selection)
H = Holstein (Free Stall Barn selection)
J = NZ Jersey
S = Senepol

KIWIPOLE MANGA



Birth Ident: **GKYY-17-241 (519576)**

Breed: **JS J12F2S2**

Fat %: **5.8**

Protein%: **4.5**



DAM: KIWIPOLE RACHAEL



Birth Ident: **LWXM-15-100**

Breed: **J J10F4S2**

Age	Milk (ltr)	Protein (%)	Protein (Kg)	Milkfat (%)	Milkfat (Kg)	Days
4 yr 7 m	5162	4.05	209	6.00	310	305
3 yr 1 m	7152	3.95	283	5.59	400	305
2 yr 0 m	3636	4.18	152	5.82	212	214
Avg	5317	4.06	215	5.80	307	275 3 Lacts



KIWIPOLE SLICK MANGATOATO

Birth Ident: **LWXM-15-95 (516581)**

Breed: **JF J8F4S4**

DAM:

Birth Ident: **GHY-15-103**

Breed: **J J16**

Age	Milk Ltrs	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
5 yr 1 mo	2806	4.03	113	5.67	159	124
4 yr 1 mo	2999	4.29	129	5.33	160	180
2 yr 11 mo	3770	4.28	161	5.58	210	271
1 yr 11 mo	1953	4.09	80	5.69	111	158
Avg.	2882	4.17	121	5.57	160	183.3 4 Lacts.

KIWIPOLE SLICK GRAZER



Birth Ident: **BDPH-12-183 (514680)**

Breed: **JF F8J4S4**

DAM:

Birth Ident: **LWXM-12-20**

Breed: **JF J16**

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
6 yr 0 mo	4221	4.22	178	6.30	266	264
5 yr 1 mo	3077	4.20	129	5.67	175	163
4 yr 1 mo	4111	4.27	176	6.30	259	233
3 yr 1 mo	4112	4.22	173	6.07	250	238
2 yr 1 mo	3456	3.92	135	5.98	207	242
Avg.	3795	4.17	158	6.1	231	228 5 Lacts.

KIWIPOLE GRAZER EFFICIENT

Birth Ident: **GWLT-12-165 (713012)**

Breed: **FO F808**

DAM:

Birth Ident: **LWXM-12-83**

Breed: **J J15F1**

2 Lacts.	Milk (%)	Protein (%)	Milkfat (%)	Days
2998	3.89	117	5.04	151 218

LYNBROOK TERRIF ET S3J

Birth Ident: **DQBT-08-38 (309084)**

Breed: **SJ J16 S\DV**

DAM:

Birth Ident **MYVQ-11-66**

Breed: **J J16**

5 Lacts.	Milk (%)	Protein (%)	Milkfat (%)	Days
3322	4.34	144	6.11	203 239

SCOTTS COMANCHE F8J8

Birth Ident: **HGMC-05-73 (506807)**

Breed: **FJ F8J8 S\DV**

DAM:

Birth Ident: **BDPH-09-169**

Breed: **FO F808**

4 Lacts.	Milk (%)	Protein (%)	Milkfat (%)	Days
4936	3.38	167	3.60	178 202

TIRONUI OM JOSKIN

Birth Ident: **DFYL-06-79 (306025)**

Breed: **PJ J16**

DAM:

Birth Ident: **LMXM-08-38**

Breed: **JF J15F1**

3 Lacts.	Milk (%)	Protein (%)	Milkfat (%)	Days
3347	3.86	129	5.62	188 252



Genomic DNA tested USA



Beat the Heat!

KIWIPOLE MANGA TAOROA

Three Generation Pedigree

**SOLD
OUT!!!**



KIWIPOLE MANGA TAOROA



Bull Code: **520708**
 Birth Ident: **PTCW-19-66**
 Sex: **MALE**
 Breed: **JF J10F3S3**
 Date of Birth : **20/07/2019**
 Fat %: **5.3**
 Protein %: **4.2**
 Beta Casein: **A1A2**
 PRLR deletion at exon10: **Homozygous**



KIWIPOLE MANGA MANZELLO



Bull Code: **519726**
 Birth Ident: **GKYY-17-82**
 Breed: **JF J12F2S2**
 Fat %: **5.9**
 Protein%: **4.5**



DAM: KIWIPOLE GIGI



Birth Ident: **GKYY-17-217**
 Breed: **JF J8F5S4**

Age	Milk (ltr)	Protein (%)	Protein (Kg)	Milkfat (%)	Milkfat (Kg)	Days
2 yr 0 m	5478	4.18	229	4.89	268	305



KIWIPOLE SLICK MANGATOATOA

Bull Code: **516581**

Birth Ident: **LWXM-15-95**

Breed: **JF J8F4S4**

DAM:

Birth Ident: **GHY-15-37**

Breed: **J J16**

Age	Milk Ltrs	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
5 yr 0 m	1011	4.08	41	6.28	63	47
4 yr 2 m	2936	4.19	123	6.18	182	154
3 yr 0 m	3438	4.57	157	6.11	210	147
2 yr 0 m	2137	4.05	86	5.92	126	208
Avg.	2837	4.27	122	6.07	173	170 3 Lacts.

KIWIPOLE SLICK EROS



Birth Ident: **BDPH-15-625 (516573)**

Breed: **JS J6S6F4**

DAM:

Birth Ident: **GKYY-15-114**

Breed: **JF J9F6A1**

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
4 yr 0 m	4399	3.98	175	5.30	234	246
3 yr 0 m	2275	4.27	97	4.69	107	173
2 yr 0 m	1411	4.12	58	5.44	77	158
Avg.	2695	4.12	110	5.14	139	192 3 Lacts.

KIWIPOLE GRAZER EFFICIENT

Birth Ident: **GWLT-12-165 (713012)**

Breed: **FO F808**

Birth Ident: **LWXM-12-83**

Breed: **J J15F1**

2 Lacts	Protein (%)	Milkfat (%)	Days
2998	3.89	117	5.04 151 218

PUKEROA TGM MANZELLO

Birth Ident: **HLB-07-58 (308533)**

Breed: **PJ J16**

Birth Ident: **GHY-11-131**

Breed: **J J16**

4 Lacts	Protein (%)	Milkfat (%)	Days
3003	4.17	125	5.96 179 225

KIWIPOLE SLICK GRAZER

Birth Ident: **BDPH-12-183 (514680)**

Breed: **FJ F8J4S4**

KIWIPOLE CLAUDIA

Birth Ident: **GHY-12-46**

Breed: **JS J8S8**

3 Lacts	Protein (%)	Milkfat (%)	Days
4147	3.66	152	4.28 177 251

ARKANS PROMOTOR

Birth Ident: **MHT-09-80 (510003)**

Breed: **JF J9F7**

Birth Ident: **GKYY-13-32**

Breed: **JF J8F6**

5 Lacts	Protein (%)	Milkfat (%)	Days
3262	3.70	126	5.14 175 156



Genomic DNA tested USA



Beat the Heat!



BEEF CATALOGUE

With the SLICK gene for Tropical Resilience



The SLICK gene enables these cattle to maintain high feed intake and growth in Tropical conditions.

World Class efficient Beef Productivity in Tropical Zones!!!

This objective is achievable with the superior Sire genetics available from Tropical Resilience Genetics. The SLICK gene has been introgressed into the top bracket of a mix of the established Beef breeds; Simmental, Angus, Gelbvieh and South Devon.

This breeding program is run by Rissington Cattle Co. using the latest genetic tools available; Embryo Transfer and Genomics, referencing the Leachman Global beef database, with data from greater than 1.5 million breeding cattle across North America, Australasia and the United Kingdom.



Initially top Senepol sires were inseminated over top ranked Simmental cows and then the other breeds have been utilised to ensure the optimal mix of; Growth, Maternal traits, Fertility and Meat quality. The most profitable dams and sires are selected for breeding using the \$Profit Indexes which combine:

REVENUE TRAITS

Calving ease -more calves = more revenue.

200 Day Weight & 400 Day Weight EBV -more weight = more \$

Fertility (less days to conception) = more calves at higher weights

Carcass weight -from increased muscling

Marbling -valued based on grid premiums

Eye muscle area -value as impacts yield grade

% Retail Product -more saleable higher value meat

COST TRAITS

Cow mature size -higher maintenance cost

Cow intake -grazing capacity and efficiency

Feedlot feed efficiency -identifying better feed utilization

\$Profit = Profitability from conception to slaughter; **\$Ranch** = Profitability of Breeding Herd; **\$Feeder** = Profitability in Feedlot Finishing

RISSINGTON SAVANNAH P101

DOB: 09/12/2018



Homozygous SLICK

Homozygous Polled

Sire: Hazeldean SK024

MGS: CDI Rimrock 325Z

Recorded Progeny: 37

Tremendous muscling sire, that is proven to transmit milk and fertility for a highly profitable cow herd!
Every calf will be extra Heat Tolerant.!

Tag	Brand	Leachman Global Analysis (1.5+ million animals)															
		\$Profit	SP Rank	\$Ranch	SR Rank	\$Feeder	SF Rank	BW	WW	YW	MW	Milk	Intake	Fertility	CW	EMA	IMF
180101	P101	\$15,420	21%	\$107	24%	\$65	52%	0.3	44	75	9	27	17.66	1.69	48	1.05	0.14
<i>Global Average</i>		<i>\$8,817</i>		<i>\$39</i>		<i>\$68</i>		<i>1.9</i>	<i>40</i>	<i>67</i>	<i>28</i>	<i>22</i>	<i>27.56</i>	<i>1.42</i>	<i>44</i>	<i>0.82</i>	<i>0.30</i>

SAVANNAH RISSINGTON T148

DOB: 27/09/2022



Heterozygous SLICK

Homozygous Polled

Sire: Leachman Docs Remedy U683E

MGS: Leachman Acceleate X166D

A real “curve-bender” with easy calving, but extreme yearling growth, with lower feed intake. In the top 2% globally for \$Profit. Half the calves will get the SLICK gene, so you can prove the benefit!

Tag	Brand	Leachman Global Analysis (1.5> million animals)															
		\$Profit	\$P Rank	\$Ranch	\$R Rank	\$Feeder	\$F Rank	BW	WW	YW	MW	Milk	Intake	Fertility	CW	EMA	IMF
220148	T148	\$27,237	2%	\$131	6%	\$198	1%	-2.4	46	89	2	23	52.74	1.86	54	0.94	0.69
<i>Global Average</i>		<i>\$8,817</i>		<i>\$39</i>		<i>\$68</i>		<i>1.9</i>	<i>40</i>	<i>67</i>	<i>28</i>	<i>22</i>	<i>27.56</i>	<i>1.42</i>	<i>44</i>	<i>0.82</i>	<i>0.30</i>

Embryo Transfer Impact

IMPROVED versus LOCAL GENETICS

In the Tropical environments typically local cattle are adapted to the hot and harsh conditions. However, these cattle are bred for survival as the main selection objective, and they have not usually had generations of breeding and careful selection for growth and milk production efficiency, as occurs in the developed dairy country cattle breeds.

The Bos Taurus dairy breeds have benefited from many decades of herd recording, performance testing and intensive use of Embryo Transfer and AI. These tools have driven dramatic improvements in production and efficiency, providing a base for the implementation of genomic selection to further increase the rate of gain. While the dataset for beef genetic improvement is smaller and AI is not as widely used, there still has been major gains in growth and maternal traits and genomics are adding further genetic momentum.

The global map highlights the result of the genetic selection and efficient feeding programs in the Northern hemisphere and Australasia. It shows that **across the tropical zones there is between 2 and 7 times the amount of methane produced per kg of meat or milk compared to the temperate zones.** The methane produced is a major contributor to the green house gas emissions of these countries, but it is also directly correlated with the forage feed intake of the cattle, so it confirms the inefficient feed utilisation and low profitability of production with the local cattle.

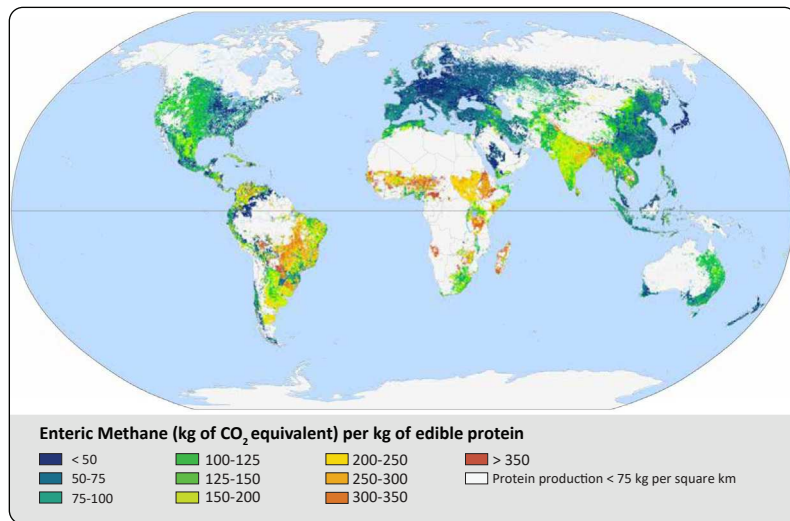


Diagram 1: Map of Intensity of Methane Emissions per kg of Meat or Milk: source FAO

Embryo Transfer Impact

INTRODUCTION of IMPROVED GENETICS

SLICK gene offers a step change in genetic tolerance to heat and humidity, exceeding the benefit of providing shade or other cooling mechanisms. Cows are more comfortable and are able to continue to eat normally with high efficiency of feed conversion and higher productivity. When the SLICK gene is bred into the highly selected Bos Taurus breeds it enables them to adapt to perform closer to their genetic potential in the hotter climate, but still limited by the quality of feed they are offered.

Hence the SLICK genetics offer farmers in the tropics the opportunity to:

- **Boost growth and production (milk to sell and/or feed a calf)**
- **Improve fertility and herd growth (earlier calvings)**
- **Massively improve feed conversion efficiency**
- **Dramatically reduce methane intensity, thus increasing farm and industry sustainability**

The performance “kick” from the gene substantially outweighs any incremental improvement in the improved breeds genetic indexes in these environments.

OPTIONS TO UPGRADE TO SLICK GENETICS

To obtain the benefits of SLICK genetics a farmer can use AI, but if it is over a local base cow (usually Bos indicus) the performance results will be variable and it will take several generations to breed up to the full genetic level of the “SLICK” sires.

Embryo Transfer Impact

INTRODUCTION of IMPROVED GENETICS

If the farmer wants to achieve the higher performance potential in one generation then the two options are:

1. Importation of heifers sired by "SLICK" sires
2. Importation and transfer of embryos out of top cows sired by "SLICK" sires.

While live importation could be a quicker way to achieve the full impact from improved genetics with SLICK gene, these heifers will need to be produced by planned contract mating so then the timeline becomes similar.

There are several key advantages to utilising embryo importation.

- **The genetic level will usually be better with the embryos, as they can readily be produced from donor cows in the top quartile of the purebred population.**
- **The embryo calves will receive antibodies to local diseases from their local recipient dams and may even be reared on these dams for best start.**
- **Batches of embryos are more flexible and easier to arrange than logistics for importations of live heifers.**
- **The management of recipient cows and the rearing of embryo calves through to mating and calving can fit well with farm and team development, ready for managing and feeding the milking herd as it grows.**

THE TROPICAL RESILIENCE EMBRYO PROGRAM

Source Country Options:

Tropical Resilience Genetics has a dedicated embryo export centre in Te Awamutu, **New Zealand**. We have access to partner facilities in Illinois **USA**, and Victoria **Australia**

Donors are only sourced from high health status herds.

Contact us for more information and advice on breed and technology options for your Program!

Breed Options:

Holstein - Selection of top-quality cows with lifetime production, outstanding conformation, and regular calving history



THE TROPICAL RESILIENCE EMBRYO PROGRAM

Jersey – Selection of high-capacity top performing cows with regular calving history



Beef Breeds: A beef SLICK gene breeding program at Rissington Cattle Co. has involved Simmental, Angus (Red & Black) and the hybrid breed, Profitmaker. Breeding selections are based on genomics the \$Profit indexes from the Leachman Global Beef analysis, with > 1.5 million performance recorded cattle



THE TROPICAL RESILIENCE EMBRYO PROGRAM

Technology Options:

Embryos can be produced by In-Vivo (MOET) or In-Vitro production (IVP) depending on country protocols and donor status.

Sexed or conventional semen can be used depending on herd growth and breeding strategies.

Embryo Inventory:

Embryos are produced to order, due to variation in client selection based on their breeding objectives and different country health status. When production exceeds order requirements some embryo may be added to our catalog of inventory.

Terms and Conditions:

Price on Application: 50% advance payment with order

Balance plus preparation and shipping costs payable prior to shipment.

ABOUT TROPICAL RESILIENCE GENETICS

why we are unique

Thermo Regulatory Genetics Limited (TRG) was formed in 2018. The company purchased the breeding programme from the Founders and made a long-term investment to globalise the tropically resilient bull team. The team has assembled an internationally regarded genetics and scientific advisory team with strong governance.

The 250 animal NZ breeding nucleus has animals that have been milked in New Zealand since 2011. It spans several different bloodlines from US Holstein, to NZ Crossbreeds to Jersey, to allow development and selection of the best fit genetics for the farming systems and relative degree of heat stress of its tropical farming clients.

The slick gene is now present in several dairy clusters around the world, including New Zealand, Australia, the USA, Costa Rica, Venezuela, Colombia, Puerto Rico, Philippines, Thailand, Vietnam, Tanzania and Mozambique. Thermo Regulatory Genetics Limited has already led the development of the slick nucleus in many of these markets and offers outcross options for those with established herd improvement momentum.

In a recent restructure Tropical Resilience Genetics Ltd was formed and now owns the world's first Homozygous dairy crossbred bulls born in 2015, Pothos, Eros and Himeros, and owns the world's largest and most diverse next generation Homozygous bull team genotypes for future farmer confidence in breeding development.

TrRG maintains its breeding nucleus on a dairy farm near Hamilton. Waikato and also currently has breeding programs on other farms throughout the upper North Island. The TrRG bulls are housed in a government approved export centre and there are embryo production options in both Waikato New Zealand, and the USA.

TrRG is offering Pure Holstein, Jersey and KiwiPole™ to the global dairy market - plus composite Beef breeds, all conditioned to thrive in tropical climates and combat the risks of heat stress in dairy cattle around the world.

MEET OUR TEAM

the people making it happen

TIM HEELEY (Chairman)

- Former Institutional investment banker and public company CEO
- Strategic Implementation consultant
- Director on profit and not-for profit boards

DAVID HEALD (Director)

- Managing Partner Baker Tilly Staples Rodway Chartered Accountancy
- Investment Advisor
- Significant Professional Directorships

DAVE FULLERTON (Breeder)

- Partner Hi Speed Sustained Genetics
- Holstein Owner and Breeder
- Currently a top 5% producer (solids per cow) within the NZ herd
- Experience in High index Cattle breeding
- Investor in Robindale Farm and Synlait Milk

DAVE HAYMAN (CEO & Director)

- Veterinarian with experience in livestock genetics and AI and Embryo Transfer
- Has managed substantial cattle improvement projects in Tropical zones
- Committed to improving livestock productivity and sustainability

BRENT WALLACE (Ethiopia based Director & Breeding Center operator)

- Promoter of SLICK gene Jersey genetics for efficient milk production in East Africa
- Beef supply chain experience in Ethiopia
- Operating well developed farm for transfer of imported embryos to supply pregnant recipients

PAUL BARDOUL (Founder & Breeder)

- Co-founder of the Kiwipole
- Owner/operator Dairy farmer
- Currently a top 5% producer (solids per cow) within the NZ herd
- Expertise in farming systems, nutrition and design

DAVE McEWEN (Director Finance)

- Experienced Agribusiness Management accountant
- Has managed finances for large scale reprotect and
- Director on profit and not-for profit boards

SHUBHENDRA SINGH (Business Development Manager)

- MBA from Waikato University
- Project planning and management experience in large scale livestock projects

HENK SMIT (Breeder)

- MSc from Wageningen University, Holland in Animal Breeding, Animal Feeding and Agricultural Economics
- Partner Hi Speed Sustained Genetics
- Historically has been a top 1% (solids per cow) within the NZ herd
- Holstein Owner and Breeder



MEET OUR TEAM

the people making it happen



NZ NUCLEUS BREEDING HERD

(Cochrane Road Dairy Farm)

The purpose is to showcase TrRG's genetics and to allow precision breeding to be applied.

CUTTING EDGE GENETICS

US Breeding Nucleus development and Bull team partner.

HERDBUILDER FARMING LTD

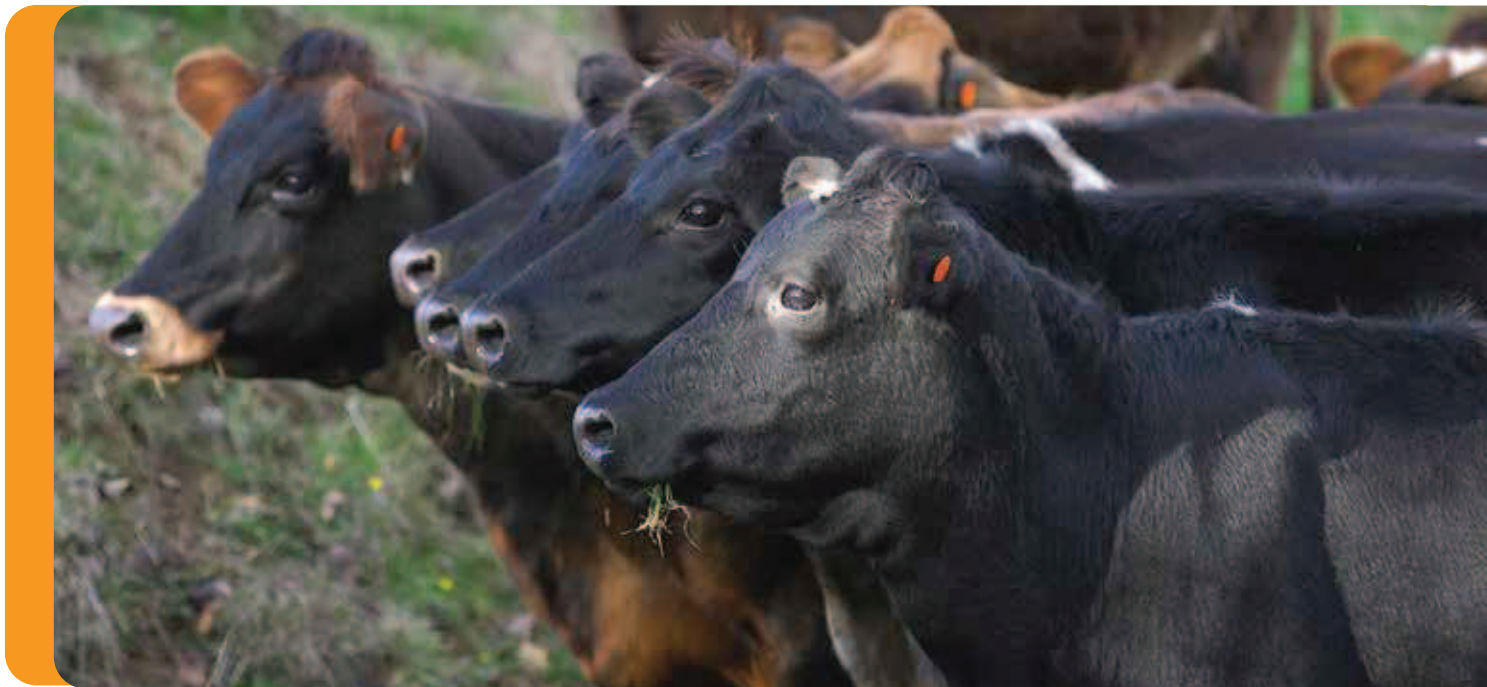
Breeding Center for embryo production and with high health status for global markets

DAIRY SOLUTIONZ

Purpose to develop farming systems that improve the economics of farmers in tropical environments. Reduce the environmental impact of current cooling methods, improve the economics of farmers in tropical environments and improve the welfare of cattle.

**CALL OR EMAIL US TODAY TO GET EXPERT
ADVICE ON YOUR GENETIC SELECTION AND
TECHNOLGY REQUIREMENTS!**

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