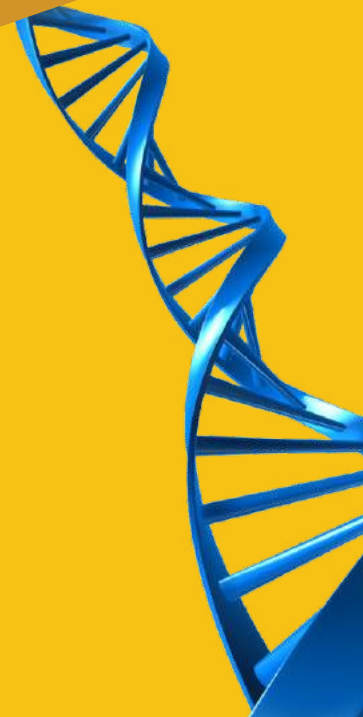




Better Genetics More Profits



**Edition
Jan 2022**

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14HO07796 **GRIFF**

A2A2



WELCOME SILVER GRIFF-ET
TR TP TY TV TL TD
SILVER X SUPERSIRE X MAN-O-MAN



Indexes

TPI	2774
NM\$	795
CM\$	810
DWPS	624
Feed Efficiency (\$)	262

Production

PTAM (lbs)	759
PTAP (lbs)	53
PTAF (lbs)	108
Pro Rel (%)	99
Dtrs/Herds	4048 / 427

Type

PTAT	0.91
UDC	0.62
FLC	0.17
Type Rel (%)	96
Dtrs/Herds	368 / 72



Fertility Traits

FI	0.0
DPR/Rel%	-0.6 / 96
HCR/Rel%	1.2 / 92
CCR/Rel%	0.7 / 96

Management Traits

SCE Rel%	2.3 / 99
DCE Rel%	2.5 / 92
GL/Rel%	-1.5 / 99
PL/Rel%	2.4 / 96
SCS/Rel%	3.12 / 99

Wellness Traits

MAST/Rel%	92 / 71
LAME/Rel%	95 / 66
RP/Rel%	103 / 70
KET/Rel%	102 / 64
MET/Rel%	105 / 71

Stature	Short	0.66	Tall
Strength	Frail	0.34	Strong
Body Depth	Shallow	0.89	Deep
Dairy Form	Tight Ribbed	1.48	Open Ribbed
Rump Width	Narrow	-1.27	Wide
Rump Angle	High Pins	-0.20	Sloped
Rear Leg (side view)	Posty	-0.11	Sickled
Rear Leg (rear view)	Hock-in	0.04	Straight
Foot Angle	Low Angle	0.25	Steep Angle
Feet & Leg Score	Low	0.38	High
Fore Udder	Loose	0.34	Strong
Rear Udder Height	Low	2.35	High
Rear Udder Width	Narrow	1.32	Wide
Udder Cleft	Weak	-0.09	Strong
Udder Depth	Deep	-0.45	Shallow
Front Teat Placement	Wide	-0.09	Close
Rear Teat Placement	Wide	0.18	Close
Teat Length	Short	1.49	Long

**MILK
PRODUCTION**

**Per Day
43.41 kg**

**Per 305 Days
13,243 kg**

14HO07828 ACCELODIN

A2A2



PEAK ACCELODIN-ET
TR TP TY TV TL TD
HOTROD X RANSOM X ROBUST



Indexes		Production		Type	
TPI	2734	PTAM (lbs)	573	PTAT	1.53
NM\$	695	PTAP (lbs)	40	UDC	0.57
CM\$	708	PTAF (lbs)	90	FLC	0.39
DWPS	729	Pro Rel (%)	98	Type Rel (%)	92
Feed Efficiency (\$)	202	Dtrs/Herds	1389 / 318	Dtrs/Herds	551 / 177



Fertility Traits

FI	0.6
DPR/Rel%	-0.1 / 90
HCR/Rel%	1.0 / 91
CCR/Rel%	0.0 / 89

Management Traits

SCE Rel%	1.7 / 99
DCE Rel%	1.8 / 89
GL/Rel%	-2.9 / 99
PL/Rel%	2.6 / 89
SCS/Rel%	2.99 / 96

Wellness Traits

MAST/Rel%	105 / 65
LAME/Rel%	104 / 65
RP/Rel%	103 / 80
KET/Rel%	97 / 59
MET/Rel%	104 / 81

Stature	Short	2.98	Tall
Strength	Frail	1.35	Strong
Body Depth	Shallow	2.07	Deep
Dairy Form	Tight Ribbed	2.50	Open Ribbed
Rump Width	Narrow	1.83	Wide
Rump Angle	High Pins	2.23	Sloped
Rear Leg (side view)	Posty	1.09	Sickled
Rear Leg (rear view)	Hock-in	0.91	Straight
Foot Angle	Low Angle	0.61	Steep Angle
Feet & Leg Score	Low	1.08	High
Fore Udder	Loose	0.95	Strong
Rear Udder Height	Low	0.99	High
Rear Udder Width	Narrow	2.38	Wide
Udder Cleft	Weak	1.57	Strong
Udder Depth	Deep	0.29	Shallow
Front Teat Placement	Wide	2.58	Close
Rear Teat Placement	Wide	2.54	Close
Teat Length	Short	-1.21	Long

**MILK
PRODUCTION**

**Per Day
42.85 kg**

**Per 305 Days
13,073 kg**

7HO13454

ROCKETFIRE

A2A2



S-S-I JOSUPER ROCKETFIRE-ET
TR TP TC TY TV TL TD
JOSUPER X STERLING X ROBUST

Indexes

TPI	2734
NM\$	787
CM\$	789
DWPS	815
Feed Efficiency (\$)	198

Production

PTAM (lbs)	2483
PTAP (lbs)	75
PTAF (lbs)	56
Pro Rel (%)	98
Dtrs/Herds	458 / 107

Type

PTAT	0.56
UDC	0.67
FLC	-0.66
Type Rel (%)	94
Dtrs/Herds	170 / 54



Fertility Traits

FI	0.0
DPR/Rel%	-0.5 / 91
HCR/Rel%	1.0 / 84
CCR/Rel%	1.5 / 91

Management Traits

SCE Rel%	3.1 / 99
DCE Rel%	2.8 / 87
GL/Rel%	-2.6 / 99
PL/Rel%	5.3 / 92
SCS/Rel%	2.89 / 96

Wellness Traits

MAST/Rel%	100 / 82
LAME/Rel%	99 / 81
RP/Rel%	99 / 83
KET/Rel%	110 / 59
MET/Rel%	106 / 72

Stature	Short	0.55	Tall
Strength	Frail	0.89	Strong
Body Depth	Shallow	0.25	Deep
Dairy Form	Tight Ribbed	0.62	Open Ribbed
Rump Width	Narrow	0.24	Wide
Rump Angle	High Pins	-0.61	Sloped
Rear Leg (side view)	Posty	0.42	Sickled
Rear Leg (rear view)	Hock-in	-0.79	Straight
Foot Angle	Low Angle	-0.35	Steep Angle
Feet & Leg Score	Low	-0.41	High
Fore Udder	Loose	0.59	Strong
Rear Udder Height	Low	2.11	High
Rear Udder Width	Narrow	2.75	Wide
Udder Cleft	Weak	-1.12	Strong
Udder Depth	Deep	-0.65	Shallow
Front Teat Placement	Wide	-1.81	Close
Rear Teat Placement	Wide	-1.62	Close
Teat Length	Short	0.75	Long

**MILK
PRODUCTION**

Per Day
46.29 kg

Per 305 Days
14,119 kg

7HO12897 SAMURI

A2A2



OCD SPRING SAMURI-ET
TR TP TC TY TV TL TD
SPRING X SUPERSIRE X ROBUST



Indexes		Production		Type	
TPI	2621	PTAM (lbs)	311	PTAT	0.94
NM\$	598	PTAP (lbs)	35	UDC	0.47
CM\$	611	PTAF (lbs)	73	FLC	0.08
DWPS	583	Pro Rel (%)	99	Type Rel (%)	99
Feed Efficiency (\$)	169	Dtrs/Herds	7589 / 517	Dtrs/Herds	814 / 142



Fertility Traits

FI	1.9
DPR/Rel%	1.5 / 98
HCR/Rel%	3.6 / 98
CCR/Rel%	2.6 / 98

Management Traits

SCE Rel%	2.1 / 99
DCE Rel%	2.3 / 96
GL/Rel%	-2.5 / 99
PL/Rel%	2.5 / 97
SCS/Rel%	3.03 / 99

Wellness Traits

MAST/Rel%	107 / 94
LAME/Rel%	100 / 93
RP/Rel%	91 / 96
KET/Rel%	104 / 92
MET/Rel%	96 / 96

Stature	Short	1.15	Tall
Strength	Frail	0.54	Strong
Body Depth	Shallow	0.52	Deep
Dairy Form	Tight Ribbed	0.81	Open Ribbed
Rump Width	Narrow	1.34	Wide
Rump Angle	High Pins	1.51	Sloped
Rear Leg (side view)	Posty	2.22	Sickled
Rear Leg (rear view)	Hock-in	-0.33	Straight
Foot Angle	Low Angle	-0.32	Steep Angle
Feet & Leg Score	Low	0.66	High
Fore Udder	Loose	1.37	Strong
Rear Udder Height	Low	0.34	High
Rear Udder Width	Narrow	0.16	Wide
Udder Cleft	Weak	0.12	Strong
Udder Depth	Deep	1.54	Shallow
Front Teat Placement	Wide	1.47	Close
Rear Teat Placement	Wide	1.30	Close
Teat Length	Short	-1.90	Long

**MILK
PRODUCTION**

**Per Day
42.59 kg**

**Per 305 Days
12,991 kg**

7HO12819 OUTSIDERS

A2A2



HURTGENLEA YDR OUTSIDERS-ET
TR TP TC TY TV TL TD
YODER X SUPERSIRE X RUSSELL



Indexes		Production		Type	
TPI	2682	PTAM (lbs)	2183	PTAT	0.29
NM\$	713	PTAP (lbs)	62	UDC	0.62
CM\$	713	PTAF (lbs)	85	FLC	-0.42
DWPS	519	Pro Rel (%)	99	Type Rel (%)	97
Feed Efficiency (\$)	224	Dtrs/Herds	5006 / 618	Dtrs/Herds	490 / 140

Fertility Traits

FI	-1.4
DPR/Rel%	-2.3 / 98
HCR/Rel%	0.6 / 97
CCR/Rel%	-1.9 / 98

Management Traits

SCE Rel%	1.8 / 99
DCE Rel%	2.1 / 97
GL/Rel%	-1.6 / 99
PL/Rel%	2.2 / 97
SCS/Rel%	2.89 / 99

Wellness Traits

MAST/Rel%	91 / 93
LAME/Rel%	92 / 92
RP/Rel%	103 / 94
KET/Rel%	103 / 90
MET/Rel%	109 / 92



Stature	Short	-0.09	Tall
Strength	Frail	1.18	Strong
Body Depth	Shallow	0.72	Deep
Dairy Form	Tight Ribbed	-0.11	Open Ribbed
Rump Width	Narrow	0.55	Wide
Rump Angle	High Pins	-0.30	Sloped
Rear Leg (side view)	Posty	-3.38	Sickled
Rear Leg (rear view)	Hock-in	0.68	Straight
Foot Angle	Low Angle	0.97	Steep Angle
Feet & Leg Score	Low	-0.57	High
Fore Udder	Loose	0.47	Strong
Rear Udder Height	Low	0.96	High
Rear Udder Width	Narrow	1.89	Wide
Udder Cleft	Weak	-0.32	Strong
Udder Depth	Deep	-0.92	Shallow
Front Teat Placement	Wide	1.27	Close
Rear Teat Placement	Wide	1.07	Close
Teat Length	Short	-0.49	Long

**MILK
PRODUCTION**

**Per Day
45.45 kg**

**Per 305 Days
13,864 kg**

7HO12266 YODER

A2A2



WOODCREST MOGUL YODER-ET
TR TP TC TY TV TL TD
MOGUL X PLANET X BUCKEYE



Indexes		Production		Type	
TPI	2593	PTAM (lbs)	444	PTAT	0.59
NM\$	647	PTAP (lbs)	30	UDC	1.26
CM\$	655	PTAF (lbs)	78	FLC	0.30
DWPS	445	Pro Rel (%)	99	Type Rel (%)	99
Feed Efficiency (\$)	184	Dtrs/Herds	22606 / 2076	Dtrs/Herds	4314 / 635



Fertility Traits

FI	-0.2
DPR/Rel%	-0.6 / 99
HCR/Rel%	2.9 / 99
CCR/Rel%	0.2 / 99

Management Traits

SCE Rel%	1.8 / 99
DCE Rel%	1.8 / 99
GL/Rel%	-0.1 / 99
PL/Rel%	2.6 / 99
SCS/Rel%	3.09 / 99

Wellness Traits

MAST/Rel%	89 / 98
LAME/Rel%	96 / 98
RP/Rel%	100 / 98
KET/Rel%	102 / 98
MET/Rel%	105 / 98

Stature	Short	-0.13	Tall
Strength	Frail	-0.66	Strong
Body Depth	Shallow	-0.58	Deep
Dairy Form	Tight Ribbed	0.68	Open Ribbed
Rump Width	Narrow	-0.30	Wide
Rump Angle	High Pins	1.61	Sloped
Rear Leg (side view)	Posty	-3.08	Sickled
Rear Leg (rear view)	Hock-in	1.40	Straight
Foot Angle	Low Angle	0.16	Steep Angle
Feet & Leg Score	Low	0.13	High
Fore Udder	Loose	1.09	Strong
Rear Udder Height	Low	1.71	High
Rear Udder Width	Narrow	2.37	Wide
Udder Cleft	Weak	0.15	Strong
Udder Depth	Deep	0.63	Shallow
Front Teat Placement	Wide	1.34	Close
Rear Teat Placement	Wide	1.27	Close
Teat Length	Short	-3.00	Long

**MILK
PRODUCTION**

Per Day
43.02 kg

Per 305 Days
13,122 kg



World Wide Sires

اپنی گائیوں اور بچھڑیوں کا امریکہ کی سب سے بڑی لیبارٹری **zoetis** سے جینیٹک (DNA) ٹیسٹ کروائیں



- 75 سے زائد جینیاتی خصوصیات کا تعین
- 6 منافع کش بیماریوں کی نشاندہی
- A2A2 جینیاتی ٹیسٹ بھی دستیاب ہے
- کم پیداوار والے جانوروں کی ابتدائی عمر میں نشاندہی
- یہ ٹیسٹ کم از کم 2 ماہ یا اس سے بڑی عمر کے جانور کے لیے ہے۔



0323 400 7000

14HO07714 HURRICANE

A2A2



BACON-HILL HURRICANE-ET
TR TP TY TV TL TD
CHOPS X SHOTGLASS X PLANET



Indexes		Production		Type	
TPI	2653	PTAM (lbs)	1044	PTAT	1.53
NM\$	506	PTAP (lbs)	35	UDC	2.01
CM\$	514	PTAF (lbs)	74	FLC	0.13
DWPS	484	Pro Rel (%)	99	Type Rel (%)	97
Feed Efficiency (\$)	168	Dtrs/Herds	4324 / 900	Dtrs/Herds	1727 / 448



Fertility Traits

FI	0.3
DPR/Rel%	-0.3 / 96
HCR/Rel%	1.9 / 92
CCR/Rel%	-0.1 / 96

Management Traits

SCE Rel%	1.7 / 99
DCE Rel%	2.3 / 94
GL/Rel%	-2.8 / 99
PL/Rel%	0.0 / 97
SCS/Rel%	2.72 / 99

Wellness Traits

MAST/Rel%	101 / 80
LAME/Rel%	104 / 77
RP/Rel%	102 / 85
KET/Rel%	106 / 71
MET/Rel%	100 / 83

Stature	Short	0.75	Tall
Strength	Frail	0.75	Strong
Body Depth	Shallow	0.92	Deep
Dairy Form	Tight Ribbed	1.33	Open Ribbed
Rump Width	Narrow	-0.88	Wide
Rump Angle	High Pins	-1.18	Sloped
Rear Leg (side view)	Posty	-1.41	Sickled
Rear Leg (rear view)	Hock-in	0.75	Straight
Foot Angle	Low Angle	1.36	Steep Angle
Feet & Leg Score	Low	0.13	High
Fore Udder	Loose	1.79	Strong
Rear Udder Height	Low	3.63	High
Rear Udder Width	Narrow	2.53	Wide
Udder Cleft	Weak	0.79	Strong
Udder Depth	Deep	1.41	Shallow
Front Teat Placement	Wide	0.36	Close
Rear Teat Placement	Wide	0.43	Close
Teat Length	Short	-1.71	Long

**MILK
PRODUCTION**

**Per Day
42.79 kg**

**Per 305 Days
13,051 kg**

7HO12344

RAGER-RED

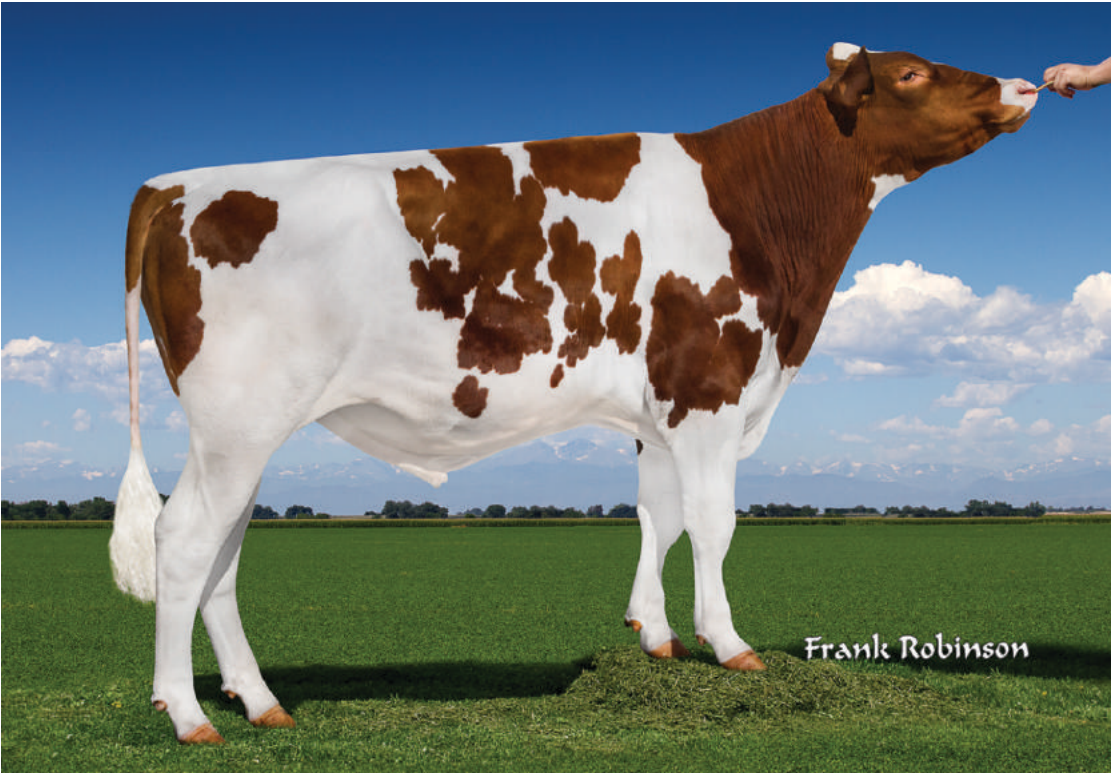
A2A2

RI-VAL-RE RAGER-RED-ET
TP TC TY TV TL TD
RELIEF P X OBSERVER X ADVENT-RED



Indexes		Production		Type	
TPI	2560	PTAM (lbs)	823	PTAT	1.50
NM\$	564	PTAP (lbs)	33	UDC	0.62
CM\$	571	PTAF (lbs)	48	FLC	1.12
DWPS	503	Pro Rel (%)	99	Type Rel (%)	98
Feed Efficiency (\$)	119	Dtrs/Herds	8222 / 2629	Dtrs/Herds	1970 / 902



Fertility Traits		Management Traits		Wellness Traits	
FI	0.1	SCE Rel%	2.4 / 99	MAST/Rel%	103 / 86
DPR/Rel%	-0.1 / 98	DCE Rel%	3.6 / 98	LAME/Rel%	102 / 85
HCR/Rel%	-0.4 / 97	GL/Rel%	-1.2 / 99	RP/Rel%	98 / 89
CCR/Rel%	1.3 / 98	PL/Rel%	5.2 / 98	KET/Rel%	93 / 85
		SCS/Rel%	2.86 / 99	MET/Rel%	97 / 84

Stature	Short	1.00	Tall
Strength	Frail	1.28	Strong
Body Depth	Shallow	1.64	Deep
Dairy Form	Tight Ribbed	1.04	Open Ribbed
Rump Width	Narrow	1.26	Wide
Rump Angle	High Pins	1.05	Sloped
Rear Leg (side view)	Posty	1.32	Sickled
Rear Leg (rear view)	Hock-in	0.92	Straight
Foot Angle	Low Angle	0.88	Steep Angle
Feet & Leg Score	Low	1.42	High
Fore Udder	Loose	1.01	Strong
Rear Udder Height	Low	0.71	High
Rear Udder Width	Narrow	0.86	Wide
Udder Cleft	Weak	1.71	Strong
Udder Depth	Deep	0.31	Shallow
Front Teat Placement	Wide	0.98	Close
Rear Teat Placement	Wide	2.17	Close
Teat Length	Short	-0.65	Long

MILK PRODUCTION

Per Day 41.36 kg

Per 305 Days 12,617 kg

14HO14138 HUSKY

A2A2



COOKIECUTTER LGND HUSKY-ET
TR TP TC TY TV TL TD
LEGENDARY X DRACO X EPIC



Indexes		Production		Type	
TPI	2794	PTAM (lbs)	1344	PTAT	1.36
NM\$	763	PTAP (lbs)	41	UDC	1.36
CM\$	768	PTAF (lbs)	41	FLC	-0.05
DWPS	731	Pro Rel (%)	97	Type Rel (%)	94
Feed Efficiency (\$)	134	Dtrs/Herds	532 / 116	Dtrs/Herds	113 / 41



Fertility Traits

FI	4.2
DPR/Rel%	4.0 / 86
HCR/Rel%	3.9 / 93
CCR/Rel%	5.9 / 86

Management Traits

SCE Rel%	2.2 / 99
DCE Rel%	2.7 / 86
GL/Rel%	2.5 / 98
PL/Rel%	6.6 / 87
SCS/Rel%	2.77 / 94

Wellness Traits

MAST/Rel%	108 / 58
LAME/Rel%	104 / 55
RP/Rel%	100 / 61
KET/Rel%	108 / 59
MET/Rel%	105 / 62

Stature	Short	1.12	Tall
Strength	Frail	-0.16	Strong
Body Depth	Shallow	-0.36	Deep
Dairy Form	Tight Ribbed	0.30	Open Ribbed
Rump Width	Narrow	0.50	Wide
Rump Angle	High Pins	-0.28	Sloped
Rear Leg (side view)	Posty	0.93	Sickled
Rear Leg (rear view)	Hock-in	-0.65	Straight
Foot Angle	Low Angle	0.65	Steep Angle
Feet & Leg Score	Low	0.43	High
Fore Udder	Loose	2.33	Strong
Rear Udder Height	Low	1.35	High
Rear Udder Width	Narrow	1.30	Wide
Udder Cleft	Weak	0.55	Strong
Udder Depth	Deep	2.22	Shallow
Front Teat Placement	Wide	0.60	Close
Rear Teat Placement	Wide	-0.08	Close
Teat Length	Short	-0.83	Long

**MILK
PRODUCTION**

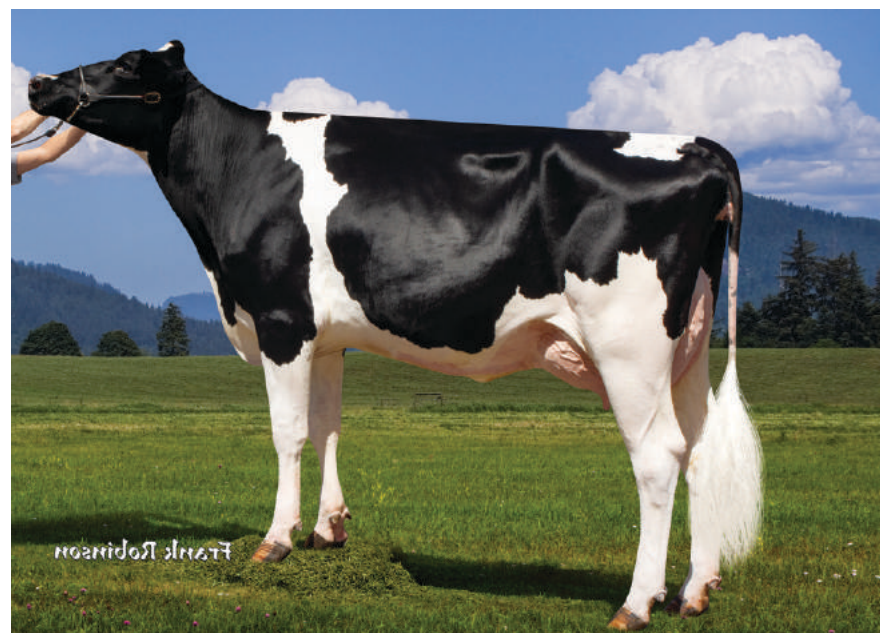
**Per Day
45.35 kg**

**Per 305 Days
13,833 kg**

14HO07811 ACCELRENOWN



PEAK ACCELRENOWN-ET
TR TP TC TY TV TL TD
DONATELLO X MOGUL X MAN-O-MAN



Indexes		Production		Type	
TPI	2576	PTAM (lbs)	556	PTAT	1.63
NM\$	531	PTAP (lbs)	20	UDC	1.91
CM\$	532	PTAF (lbs)	60	FLC	0.57
DWPS	512	Pro Rel (%)	99	Type Rel (%)	97
Feed Efficiency (\$)	129	Dtrs/Herds	4081 / 919	Dtrs/Herds	1219 / 417



Fertility Traits

FI	0.4
DPR/Rel%	-0.2 / 97
HCR/Rel%	0.5 / 94
CCR/Rel%	0.6 / 97

Management Traits

SCE Rel%	2.5 / 99
DCE Rel%	1.9 / 96
GL/Rel%	-2.0 / 99
PL/Rel%	2.8 / 97
SCS/Rel%	3.01 / 99

Wellness Traits

MAST/Rel%	105 / 78
LAME/Rel%	103 / 77
RP/Rel%	103 / 82
KET/Rel%	107 / 74
MET/Rel%	106 / 81

Stature	Short	1.80	Tall
Strength	Frail	0.33	Strong
Body Depth	Shallow	0.56	Deep
Dairy Form	Tight Ribbed	0.95	Open Ribbed
Rump Width	Narrow	0.77	Wide
Rump Angle	High Pins	2.80	Sloped
Rear Leg (side view)	Posty	-2.20	Sickled
Rear Leg (rear view)	Hock-in	0.95	Straight
Foot Angle	Low Angle	1.50	Steep Angle
Feet & Leg Score	Low	0.97	High
Fore Udder	Loose	1.18	Strong
Rear Udder Height	Low	3.38	High
Rear Udder Width	Narrow	2.42	Wide
Udder Cleft	Weak	1.15	Strong
Udder Depth	Deep	1.97	Shallow
Front Teat Placement	Wide	1.58	Close
Rear Teat Placement	Wide	1.86	Close
Teat Length	Short	-1.51	Long

**MILK
PRODUCTION**

**Per Day
42.03 kg**

**Per 305 Days
12,821 kg**

7HO12978 HOUSE

A2A2   

LEANINGHOUSE HELIX 22137-ET
TR TP TC TY TV TL TD
HANG-TIME X JACEY X NUMERO UNO

Indexes		Production		Type	
TPI	2620	PTAM (lbs)	376	PTAT	1.97
NM\$	476	PTAP (lbs)	29	UDC	2.13
CM\$	494	PTAF (lbs)	45	FLC	1.15
DWPS	488	Pro Rel (%)	99	Type Rel (%)	98
Feed Efficiency (\$)	116	Dtrs/Herds	4205 / 909	Dtrs/Herds	1187 / 425



Fertility Traits

FI	0.9
DPR/Rel%	0.4 / 96
HCR/Rel%	0.8 / 96
CCR/Rel%	2.1 / 95

Management Traits

SCE Rel%	2.1 / 99
DCE Rel%	2.9 / 96
GL/Rel%	-0.9 / 99
PL/Rel%	2.5 / 93
SCS/Rel%	2.61 / 99

Wellness Traits

MAST/Rel%	106 / 80
LAME/Rel%	105 / 73
RP/Rel%	98 / 90
KET/Rel%	104 / 86
MET/Rel%	103 / 86

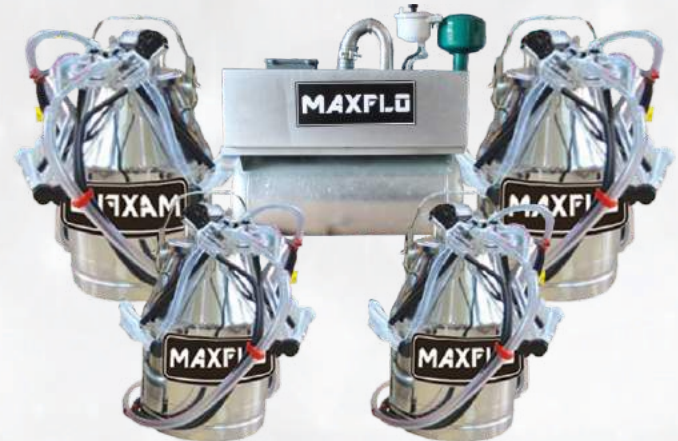
Stature	Short	0.84	Tall
Strength	Frail	0.46	Strong
Body Depth	Shallow	0.72	Deep
Dairy Form	Tight Ribbed	1.57	Open Ribbed
Rump Width	Narrow	0.81	Wide
Rump Angle	High Pins	-0.29	Sloped
Rear Leg (side view)	Posty	-0.39	Sickled
Rear Leg (rear view)	Hock-in	0.67	Straight
Foot Angle	Low Angle	1.11	Steep Angle
Feet & Leg Score	Low	1.42	High
Fore Udder	Loose	2.66	Strong
Rear Udder Height	Low	2.45	High
Rear Udder Width	Narrow	3.40	Wide
Udder Cleft	Weak	1.42	Strong
Udder Depth	Deep	1.23	Shallow
Front Teat Placement	Wide	1.51	Close
Rear Teat Placement	Wide	1.56	Close
Teat Length	Short	-1.63	Long

**MILK
PRODUCTION**

**Per Day
42.83 kg**

**Per 305 Days
13,066 kg**

اپنی ملکنگ کو جدید بنائیں
میکس فلو سے منافع پائیں



7HO12659 PASSAT

A2A2



L-L-M DAIRY POND PASSAT-ET
TR TP TY TV TL TD
PONDER X MOGUL X JET STREAM



Indexes		Production		Type	
TPI	2647	PTAM (lbs)	1067	PTAT	0.20
NM\$	801	PTAP (lbs)	32	UDC	0.67
CM\$	803	PTAF (lbs)	78	FLC	-0.08
DWPS	796	Pro Rel (%)	99	Type Rel (%)	94
Feed Efficiency (\$)	217	Dtrs/Herds	2925 / 535	Dtrs/Herds	150 / 58



Fertility Traits

FI	0.7
DPR/Rel%	-0.1 / 97
HCR/Rel%	2.0 / 97
CCR/Rel%	0.3 / 97

Management Traits

SCE Rel%	1.6 / 99
DCE Rel%	1.4 / 95
GL/Rel%	-0.6 / 99
PL/Rel%	4.0 / 97
SCS/Rel%	2.92 / 99

Wellness Traits

MAST/Rel%	103 / 89
LAME/Rel%	105 / 88
RP/Rel%	105 / 91
KET/Rel%	105 / 82
MET/Rel%	109 / 87

Stature	Short	-1.07	Tall
Strength	Frail	-0.97	Strong
Body Depth	Shallow	-0.91	Deep
Dairy Form	Tight Ribbed	0.20	Open Ribbed
Rump Width	Narrow	-0.34	Wide
Rump Angle	High Pins	0.05	Sloped
Rear Leg (side view)	Posty	-0.04	Sickled
Rear Leg (rear view)	Hock-in	-0.60	Straight
Foot Angle	Low Angle	-0.59	Steep Angle
Feet & Leg Score	Low	-0.19	High
Fore Udder	Loose	0.85	Strong
Rear Udder Height	Low	1.23	High
Rear Udder Width	Narrow	1.06	Wide
Udder Cleft	Weak	-1.50	Strong
Udder Depth	Deep	-0.03	Shallow
Front Teat Placement	Wide	0.17	Close
Rear Teat Placement	Wide	-0.74	Close
Teat Length	Short	-1.77	Long

**MILK
PRODUCTION**

**Per Day
42.87 kg**

**Per 305 Days
13,076 kg**

MOOLA

7HO14194

A2A2



MILK PRODUCTION Per 305 Days 13,493 kg Per Day 44.23kg

MELARRY FRAZZLED MOOLA-ET
TR TP TC TY TV TL TD
FRAZZLED X JOSUPER X DONATELLO



Stature	Short	-1.61	Tall
Strength	Frail	-1.05	Strong
Body Depth	Shallow	-1.65	Deep
Dairy Form	Tight Ribbed	-0.93	Open Ribbed
Rump Width	Narrow	-0.22	Wide
Rump Angle	High Pins	-1.98	Sloped
Rear Leg (side view)	Posty	1.11	Sickled
Rear Leg (rear view)	Hock-in	-0.26	Straight
Foot Angle	Low Angle	-0.70	Steep Angle
Feet & Leg Score	Low	0.10	High
Fore Udder	Loose	0.47	Strong
Rear Udder Height	Low	0.47	High
Rear Udder Width	Narrow	0.42	Wide
Udder Cleft	Weak	0.34	Strong
Udder Depth	Deep	0.11	Shallow
Front Teat Placement	Wide	0.62	Close
Rear Teat Placement	Wide	0.78	Close
Teat Length	Short	-0.70	Long

Indexes	Production	Type	Fertility Traits	Management Traits	Wellness Traits
TPI	2605	PTAM (lbs)	640	PTAT	0.05
NM\$	717	PTAP (lbs)	28	UDC	0.77
CM\$	732	PTAF (lbs)	71	FLC	0.32
DWPS	819	Pro Rel (%)	98	Type Rel (%)	94
Feed Efficiency (\$)	158	Dtrs/Herds	649 / 139	Dtrs/Herds	113 / 46
				FI	-1.0
				DPR/Rel%	-1.5 / 88
				HCR/Rel%	-1.4 / 94
				CCR/Rel%	-1.8 / 88
				SCE Rel%	2.3 / 99
				DCE Rel%	2.3 / 89
				GL/Rel%	-1.0 / 97
				PL/Rel%	5.6 / 88
				SCS/Rel%	2.48 / 95
				MAST/Rel%	105 / 60
				LAME/Rel%	109 / 56
				RP/Rel%	93 / 74
				KET/Rel%	106 / 76
				MET/Rel%	98 / 77

Indexes	Production	Type	Fertility Traits	Management Traits	Wellness Traits
JPI	95	PTAM (lbs)	1436	PTAT	0.70
NM\$	495	PTAP (lbs)	49	Type Rel (%)	99
CM\$	499	PTAF (lbs)	41	Dtrs/Herds	859 / 43
DWPS	92	Pro Rel (%)	99	DPR/Rel%	-2.4 / 96
		Dtrs/Herds	2884 / 70	HCR/Rel%	2.0 / 94
				PL/Rel%	3.4 / 92
				SCS/Rel%	2.92 / 99
				MAST/Rel%	78 / 77
				LAME/Rel%	98 / 68
				RP/Rel%	100 / 84
				KET/Rel%	111 / 89
				MET/Rel%	93 / 90

STEPH

7JE01570

JX DUPAT JLS AVON STEPH {3}-P-ET
JX AVON {2} X MAGNUM X CRITIC-P



A2A2

MILK PRODUCTION Per 305 Days 11,197 kg Per Day 36.71kg



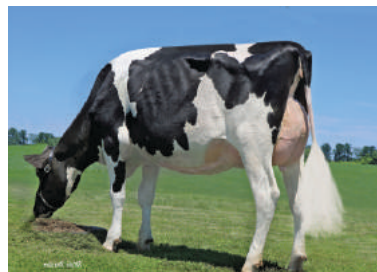
Stature	Short	-0.30	Tall
Strength	Frail	1.10	Strong
Dairy Form	Tight Ribbed	0.50	Open Ribbed
Rump Width	Narrow	-0.10	Wide
Rump Angle	High Pins	-0.70	Sloped
Rear Leg (side view)	Posty	-2.60	Sickled
Foot Angle	Low Angle	1.40	Steep Angle
Fore Udder	Loose	1.20	Strong
Rear Udder Height	Low	-0.30	High
Rear Udder Width	Narrow	-0.40	Wide
Udder Cleft	Weak	-0.20	Strong
Udder Depth	Deep	1.50	Shallow
Front Teat Placement	Wide	-2.00	Close
Rear Teat (rear view)	Wide	0.00	Close
Rear Teat (side view)	Close	0.20	back
Teat Length	Short	1.10	long

Characteristic	Desired	Actual	Score	Direction
Stature	Short		0.41	Tall
Strength	Frail		-0.51	Strong
Body Depth	Shallow		-0.68	Deep
Dairy Form	Tight Ribbed		-0.10	Open Ribbed
Rump Width	Narrow		0.11	Wide
Rump Angle	High Pins		-1.55	Sloped
Rear Leg (side view)	Posty		0.39	Sickled
Rear Leg (rear view)	Hock-in		0.85	Straight
Foot Angle	Low Angle		0.83	Steep Angle
Feet & Leg Score	Low		1.36	High
Fore Udder	Loose		1.71	Strong
Rear Udder Height	Low		1.47	High
Rear Udder Width	Narrow		1.14	Wide
Udder Cleft	Weak		0.52	Strong
Udder Depth	Deep		2.00	Shallow
Front Teat Placement	Wide		0.47	Close
Rear Teat Placement	Wide		0.48	Close
Teat Length	Short		0.05	Long

Indexes		Production		Type	Fertility Traits		Management Traits		Wellness Traits		
TPI	2466	PTAM (lbs)	626	PTAT	0.70	FI	-0.8	SCE Rel%	1.6 / 97	MAST/Rel%	97 / 64
NMS	462	PTAP (lbs)	28	UDC	1.42	DR/Rel%	-0.8 / 92	DCE Rel%	1.6 / 83	LAME/Rel%	98 / 59
CMS	468	PTAF (lbs)	46	FLC	1.23	HCR/Rel%	-2.4 / 87	GL/Rel%	-2.7 / 99	RP/Rel%	96 / 68
DWPS	335	Pro Rel (%)	99	Type Rel (%)	93	CCR/Rel%	-0.9 / 92	PL/Rel%	2.2 / 90	KET/Rel%	105 / 64
Feed Efficiency (\$)	121	Dtrs/Herds	1156 / 209	Dtrs/Herds	110 / 24			SCS/Rel%	2.95 / 97	MET/Rel(%)	105 / 69

Indexes		Production		Type	Fertility Traits		Management Traits		Wellness Traits		
TPI	2585	PTAM (lbs)	1913	PTAT	1.39	FI	-0.5	SCF Rel%	1.9 / 99	MAST/Rel%	101 / 82
NM\$	597	PTAP (lbs)	34	UDC	0.88	DP/Rel%	-1.1 / 96	DCE Rel%	1.6 / 93	LAME/Rel%	98 / 79
CMS	586	PTAF (lbs)	65	FLC	0.83	HCR/Rel%	1.4 / 94	GL/Rel%	-2.3 / 99	RP/Rel%	98 / 85
DWPS	631	Pro Rel (%)	99	Type Rel (%)	94	CCR/Rel%	-1.1 / 96	PL/Rel%	2.6 / 95	KET/Rel%	105 / 67
Feed Efficiency (\$)	175	Dtrs/Herds	2548 / 515	Dtrs/Herds	166 / 95			SCS/Rel%	2.90 / 99	MET/Rel%	107 / 73

Attribute	Score	Desired
Stature	Short	0.48 Tall
Strength	Frail	0.02 Strong
Body Depth	Shallow	0.80 Deep
Dairy Form	Tight Ribbed	2.17 Open Ribbed
Rump Width	Narrow	0.11 Wide
Rump Angle	High Pins	-0.86 Sloped
Rear Leg (side view)	Posty	1.50 Sickled
Rear Leg (rear view)	Hock-in	0.39 Straight
Foot Angle	Low Angle	-0.11 Steep Angle
Feet & Leg Score	Low	1.14 High
Fore Udder	Loose	1.15 Strong
Rear Udder Height	Low	1.30 High
Rear Udder Width	Narrow	1.39 Wide
Udder Cleft	Weak	0.80 Strong
Udder Depth	Deep	0.36 Shallow
Front Teat Placement	Wide	0.22 Close
Rear Teat Placement	Wide	0.28 Close
Teat Length	Short	0.88 Long



LYLAS

7HO12597

A2A2



MILK PRODUCTION Per 305 Days 13,495 kg Per Day 44.24kg

FUSTEAD TANGO LYLAS-ET
TR TP TY TV TL TD
TANGO X MOGUL X BOLTON

Stature	Short	0.09	Tall
Strength	Frail	-0.25	Strong
Body Depth	Shallow	0.27	Deep
Dairy Form	Tight Ribbed	1.61	Open Ribbed
Rump Width	Narrow	1.04	Wide
Rump Angle	High Pins	0.28	Sloped
Rear Leg (side view)	Posty	0.32	Sickled
Rear Leg (rear view)	Hock-in	0.92	Straight
Foot Angle	Low Angle	0.39	Steep Angle
Feet & Leg Score	Low	0.53	High
Fore Udder	Loose	0.74	Strong
Rear Udder Height	Low	1.17	High
Rear Udder Width	Narrow	0.64	Wide
Udder Cleft	Weak	-0.92	Strong
Udder Depth	Deep	0.35	Shallow
Front Teat Placement	Wide	0.06	Close
Rear Teat Placement	Wide	-0.75	Close
Teat Length	Short	-1.02	Long



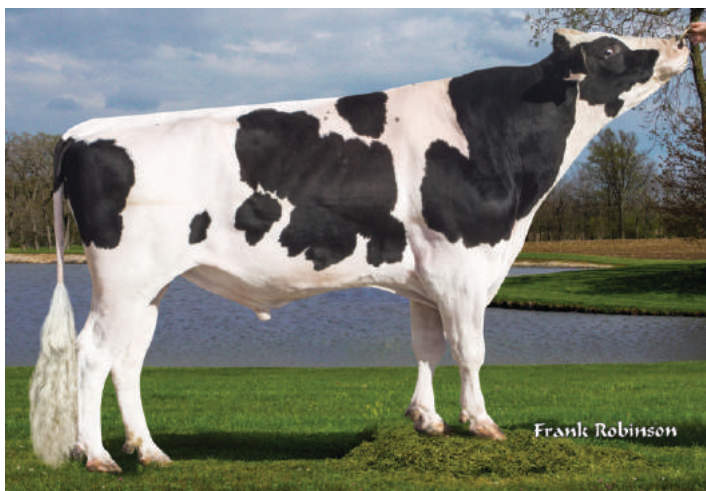
Indexes	Production	Type	Fertility Traits	Management Traits	Wellness Traits
TPI 2573	PTAM (lbs) 826	PTAT 0.83	FI 1.9	SCE Rel% 2.1 / 99	MAST/Rel% 102 / 94
NMS 592	PTAP (lbs) 26	UDC 0.46	DPR/Rel% 1.0 / 98	DCE Rel% 2.8 / 97	LAME/Rel% 104 / 95
CMS 595	PTAF (lbs) 66	FLC 0.63	HCR/Rel% 4.5 / 96	GL/Rel% -0.6 / 99	RP/Rel% 108 / 95
DWPS 619	Pro Rel (%) 99	Type Rel (%) 98	CCR/Rel% 0.7 / 98	PL/Rel% 3.0 / 98	KET/Rel% 99 / 90
Feed Efficiency (\$) 161	Dtrs/Herds 3680 / 437	Dtrs/Herds 746 / 126	SCS/Rel% 2.90 / 99	MET/Rel% 104 / 91	

Indexes	Production	Type	Fertility Traits	Management Traits	Wellness Traits
TPI 2371	PTAM (lbs) 1111	PTAT 1.30	FI -0.2	SCE Rel% 2.5 / 99	MAST/Rel% 96 / 97
NMS 349	PTAP (lbs) 36	UDC 0.88	DPR/Rel% -0.3 / 99	DCE Rel% 3.2 / 99	LAME/Rel% 105 / 97
CMS 348	PTAF (lbs) 35	FLC 0.07	HCR/Rel% 0.1 / 98	GL/Rel% -1.5 / 99	RP/Rel% 102 / 98
DWPS 325	Pro Rel (%) 99	Type Rel (%) 99	CCR/Rel% 0.1 / 99	PL/Rel% 2.9 / 99	KET/Rel% 109 / 97
Feed Efficiency (\$) 102	Dtrs/Herds 11258 / 1675	Dtrs/Herds 3665 / 869	SCS/Rel% 3.12 / 99	MET/Rel% 103 / 98	

BAYONET

7HO12236

PLAIN-KNOLL DONA BAYONET-ET
TR TP TC TY TV TL TD
DONATELLO X SHAMROCK X SHOTTLE



A2A2



MILK PRODUCTION Per 305 Days 13,289 kg Per Day 43.57kg



Stature	Short	1.18	Tall
Strength	Frail	0.62	Strong
Body Depth	Shallow	1.24	Deep
Dairy Form	Tight Ribbed	1.59	Open Ribbed
Rump Width	Narrow	0.19	Wide
Rump Angle	High Pins	0.94	Sloped
Rear Leg (side view)	Posty	0.26	Sickled
Rear Leg (rear view)	Hock-in	-0.01	Straight
Foot Angle	Low Angle	-0.01	Steep Angle
Feet & Leg Score	Low	0.43	High
Fore Udder	Loose	1.54	Strong
Rear Udder Height	Low	1.98	High
Rear Udder Width	Narrow	0.98	Wide
Udder Cleft	Weak	0.25	Strong
Udder Depth	Deep	0.78	Shallow
Front Teat Placement	Wide	-0.08	Close
Rear Teat Placement	Wide	-0.52	Close
Teat Length	Short	-0.76	Long

CONOR

7HO13689

S-S-I SCENARIO CONOR-ET
TR TP TC TY TV TL TD
SCENARIO X YODER X SUPERSIRE

A2A2



**MILK
PRODUCTION**

Per 305 Days
13,495 kg

Per Day
44.24kg



Stature	Short	1.84	Tall
Strength	Frail	0.96	Strong
Body Depth	Shallow	0.76	Deep
Dairy Form	Tight Ribbed	0.59	Open Ribbed
Rump Width	Narrow	1.48	Wide
Rump Angle	High Pins	1.42	Sloped
Rear Leg (side view)	Posty	-0.64	Sickled
Rear Leg (rear view)	Hock-in	0.15	Straight
Foot Angle	Low Angle	0.28	Steep Angle
Feet & Leg Score	Low	0.20	High
Fore Udder	Loose	1.43	Strong
Rear Udder Height	Low	0.39	High
Rear Udder Width	Narrow	0.61	Wide
Udder Cleft	Weak	0.69	Strong
Udder Depth	Deep	1.99	Shallow
Front Teat Placement	Wide	0.86	Close
Rear Teat Placement	Wide	0.82	Close
Teat Length	Short	-2.02	Long

Indexes		Production		Type		Fertility Traits		Management Traits		Wellness Traits	
TPI	2545	PTAM (lbs)	1071	PTAT	0.80	FI	1.7	SCE Rel%	2.2 / 88	MAST/Rel%	103 / 70
NMS	493	PTAP (lbs)	36	UDC	0.55	DPR/Rel%	1.1 / 85	DCE Rel%	1.7 / 77	LAME/Rel%	100 / 71
CMS	497	PTAF (lbs)	50	FLC	-0.22	HCR/Rel%	3.0 / 80	GL/Rel%	-1.8 / 98	RP/Rel%	97 / 77
DWPS	536	Pro Rel (%)	95	Type Rel (%)	90	CCR/Rel%	2.0 / 85	PL/Rel%	2.8 / 86	KET/Rel%	105 / 62
Feed Efficiency (\$)	111	Dtrs/Herds	147 / 59	Dtrs/Herds	62 / 27			SCS/Rel%	2.88 / 91	MET/Rel%	103 / 67

Indexes		Production		Type		Fertility Traits		Management Traits		Wellness Traits	
TPI	2490	PTAM (lbs)	1520	PTAT	1.22	FI	0.5	SCE Rel%	1.6 / 98	MAST/Rel%	96 / 72
NMS	430	PTAP (lbs)	62	UDC	1.19	DPR/Rel%	0.4 / 91	DCE Rel%	1.7 / 87	LAME/Rel%	94 / 70
CMS	435	PTAF (lbs)	28	FLC	-0.51	HCR/Rel%	-2.2 / 91	GL/Rel%	-2.2 / 99	RP/Rel%	90 / 77
DWPS	248	Pro Rel (%)	98	Type Rel (%)	93	CCR/Rel%	1.2 / 91	PL/Rel%	1.3 / 89	KET/Rel%	101 / 66
Feed Efficiency (\$)	139	Dtrs/Herds	753 / 171	Dtrs/Herds	104 / 37			SCS/Rel%	3.18 / 96	MET/Rel%	103 / 70

PARRISON

7HO12947

SIEMERS JEDI PARISON-ET
TR TP TC TY TV TL TD
JEDI X TANGO X FACEBOOK



A2A2



**MILK
PRODUCTION**

Per 305 Days
13,696 kg

Per Day
44.90kg



Stature	Short	1.46	Tall
Strength	Frail	1.08	Strong
Body Depth	Shallow	1.22	Deep
Dairy Form	Tight Ribbed	1.69	Open Ribbed
Rump Width	Narrow	0.73	Wide
Rump Angle	High Pins	-0.20	Sloped
Rear Leg (side view)	Posty	-1.29	Sickled
Rear Leg (rear view)	Hock-in	-0.40	Straight
Foot Angle	Low Angle	0.67	Steep Angle
Feet & Leg Score	Low	-0.11	High
Fore Udder	Loose	1.12	Strong
Rear Udder Height	Low	2.16	High
Rear Udder Width	Narrow	2.36	Wide
Udder Cleft	Weak	1.37	Strong
Udder Depth	Deep	0.37	Shallow
Front Teat Placement	Wide	0.35	Close
Rear Teat Placement	Wide	0.76	Close
Teat Length	Short	0.80	Long

HEISENBERG

7HO12569

OCD JABIR HEISENBERG-ET
TR TP TY TV TL TD
JABIR X MOONBOY X HERO

A2A2



**MILK
PRODUCTION**

Per 305 Days
12,691 kg

Per Day
42.87kg



Stature	Short	2.49	Tall
Strength	Frail	2.17	Strong
Body Depth	Shallow	1.67	Deep
Dairy Form	Tight Ribbed	0.25	Open Ribbed
Rump Width	Narrow	0.33	Wide
Rump Angle	High Pins	2.40	Sloped
Rear Leg (side view)	Posty	-0.12	Sickled
Rear Leg (rear view)	Hock-in	1.95	Straight
Foot Angle	Low Angle	1.17	Steep Angle
Feet & Leg Score	Low	1.55	High
Fore Udder	Loose	2.33	Strong
Rear Udder Height	Low	1.84	High
Rear Udder Width	Narrow	2.15	Wide
Udder Cleft	Weak	0.86	Strong
Udder Depth	Deep	2.40	Shallow
Front Teat Placement	Wide	0.28	Close
Rear Teat Placement	Wide	-0.50	Close
Teat Length	Short	-1.07	Long

Indexes		Production		Type		Fertility Traits		Management Traits		Wellness Traits	
TPI	2613	PTAM (lbs)	150	PTAT	1.76	FI	2.2	SCE Rel%	1.9 / 99	MAST/Rel%	105 / 95
NM\$	458	PTAP (lbs)	25	UDC	1.37	DPR/Rel%	2.3 / 98	DCE Rel%	1.3 / 98	LAME/Rel%	107 / 95
CM\$	471	PTAF (lbs)	49	FLC	1.18	HCR/Rel%	0.4 / 97	GL/Rel%	-1.2 / 99	RP/Rel%	94 / 96
DWPS	439	Pro Rel (%)	99	Type Rel (%)	99	CCR/Rel%	3.8 / 99	PL/Rel%	2.6 / 99	KET/Rel%	105 / 95
Feed Efficiency (\$)	92	Dtrs/Herds	5776 / 814	Dtrs/Herds	1084 / 219	SCS/Rel%	2.92 / 99	MET/Rel%	101 / 95		

Indexes		Production		Type		Fertility Traits		Management Traits		Wellness Traits	
TPI	2508	PTAM (lbs)	595	PTAT	0.94	FI	-1.1	SCE Rel%	2.2 / 90	MAST/Rel%	96 / 79
NM\$	531	PTAP (lbs)	31	UDC	1.06	DPR/Rel%	-1.5 / 89	DCE Rel%	2.6 / 82	LAME/Rel%	93 / 79
CM\$	537	PTAF (lbs)	69	FLC	0.47	HCR/Rel%	-1.9 / 81	GL/Rel%	-0.9 / 98	RP/Rel%	99 / 79
DWPS	433	Pro Rel (%)	96	Type Rel (%)	90	CCR/Rel%	-1.9 / 89	PL/Rel%	2.3 / 90	KET/Rel%	104 / 63
Feed Efficiency (\$)	159	Dtrs/Herds	216 / 86	Dtrs/Herds	66 / 29	SCS/Rel%	3.06 / 94	MET/Rel%	103 / 67		



A2A2



**MILK
PRODUCTION**

Per 305 Days
12,449 kg

Per Day
40.81kg

S-S-I MARSO MIGHTY-ET
TR TP TC TY TV TL TD
MARSO X SUPERSIRE X SHAMROCK

Stature	Short	0.33	Tall
Strength	Frail	0.20	Strong
Body Depth	Shallow	0.54	Deep
Dairy Form	Tight Ribbed	0.95	Open Ribbed
Rump Width	Narrow	0.61	Wide
Rump Angle	High Pins	-0.10	Sloped
Rear Leg (side view)	Posty	0.00	Sickled
Rear Leg (rear view)	Hock-in	-0.15	Straight
Foot Angle	Low Angle	0.22	Steep Angle
Feet & Leg Score	Low	0.71	High
Fore Udder	Loose	1.28	Strong
Rear Udder Height	Low	1.04	High
Rear Udder Width	Narrow	1.01	Wide
Udder Cleft	Weak	0.86	Strong
Udder Depth	Deep	1.07	Shallow
Front Teat Placement	Wide	1.19	Close
Rear Teat Placement	Wide	1.11	Close
Teat Length	Short	-0.65	Long

Maxvita Organic

Maxvita Organic is a chelated imported mineral mixture from Germany.



Benefits:

- Improves fertility and conception rate of the herd
- Strengthens muscles and bones

Dosage:

Cow: 100-200 g/Day
Heifer: 50-100 g/Day
Calves: 20-50 g/Day

Maxvita Extra

Maxvita Extra is a chelated imported mineral mixture from Germany.



Benefits:

- Increases milk production
- Prevents from lameness as rich in selenium

Dosage:

Cow: 100-200 g/Day
Heifer: 50-100 g/Day
Calves: 20-50 g/Day

Contents of ingredients and additives

Ingredient	In the mixture/kg	Debit	Target
1010000 crude protein	0,1400 %	0,03	0,30 %
1011000 crude fat	1,5000 %	0,30	0,30 %
1014000 crude fibre	0,0010 %	0,00	0,00 %
1015000 crude ash	93,9000 %	18,78	18,78 %
1030000 calcium	28,3000 %	5,66	5,66 %
1031000 phosphorus	1,2500 %	0,25	0,25 %
1032000 sodium	3,9000 %	0,78	0,78 %
1033000 magnesium	4,7500 %	0,95	0,95 %
1034000 potassium	0,0000 %	0,00	0,00 %
1035000 chloride	6,0000 %	1,20	1,20 %
1036000 sulfur	0,1000 %	0,02	0,02 %
1200000 vitamin A (3a672a)	300,000,0000 IU	60,000,00	60,000,00 IU
1202000 vitamin D3 (3a671)	75,000,0000 IU	15,000,00	15,000,00 IU
1204000 vitamin E/all-rac-alpha-tocopheryl acetate (3a700)	1,250,0000 mg	250,00	250,00 mg
1210000 vitamin H (biotin) (3a880)	25,000,0000 mcg	5,000,00	5,000,00 mcg
1222000 niacinamide (3a315)	15,000,0000 mg	3,000,00	3,000,00 mg
1250000 iron (sulphate) (3b103)	875,0000 mg	175,00	175,00 mg
1252500 copper (sulphate) (3b405)	875,0000 mg	175,00	175,00 mg
1252700 copper (organically bound) (3b406)	125,0000 mg	25,00	25,00 mg
1255100 manganese (oxide) (3b502)	1,075,0000 mg	215,00	215,00 mg
1255200 manganese (organically bound) (3b504)	125,0000 mg	25,00	25,00 mg
1257600 zinc (oxide) (3b603)	2,875,0000 mg	575,00	575,00 mg
1257700 zinc (organically bound) (3b606)	125,0000 mg	25,00	25,00 mg
1260000 iodine as calcium iodate, anhydrous (3b202)	50,0000 mg	10,00	10,00 mg
1262500 cobalt (dust-free carbonate) (3b304)	75,0000 mg	15,00	15,00 mg
1265000 selenium (sodium-selenite) (3b801)	18,5000 mg	3,70	3,70 mg
1265105 selenium (selenomethionine) (3b811)	1,5000 mg	0,30	0,30 mg

Contents of ingredients and additives

Ingredient	In the mixture/kg	Debit	Target
1010000 crude protein	0,5000 %	0,10	0,10 %
1011000 crude fat	1,1300 %	0,23	0,23 %
1014000 crude fibre	0,0050 %	0,00	0,00 %
1015000 crude ash	88,1000 %	17,62	17,62 %
1030000 calcium	18,8000 %	3,76	3,76 %
1031000 phosphorus	1,2500 %	0,25	0,25 %
1032000 sodium	7,9000 %	1,58	1,58 %
1033000 magnesium	9,5000 %	1,90	1,90 %
1034000 potassium	0,0104 %	0,00	0,00 %
1035000 chloride	6,0000 %	1,20	1,20 %
1036000 sulfur	0,1000 %	0,02	0,02 %
1200000 vitamin A (3a672a)	300,000,0000 IU	60,000,000	60,000,00 IU
1202000 vitamin D3 (3a671)	75,000,0000 IU	15,000,00	15,000,00 IU
1204000 vitamin E/all-rac-alpha-tocopheryl acetate (3a700)	1,250,0000 mg	250,000	250,00 mg
1210000 vitamin H (biotin) (3a880)	25,000,0000 mcg	5,000,00	5,000,00 mcg
1222000 niacinamide (3a315)	15,000,0000 mg	3,000,00	3,000,00 mg
1250000 iron (sulphate) (3b103)	875,0000 mg	175,00	175,00 mg
1252500 copper (sulphate) (3b405)	650,0000 mg	130,00	130,00 mg
1252700 copper (organically bound) (3b406)	350,0000 mg	70,000	70,00 mg
1255100 manganese (oxide) (3b502)	800,0000 mg	160,00	160,00 mg
1255200 manganese (organically bound) (3b504)	400,0000 mg	80,00	80,00 mg
1257600 zinc (oxide) (3b603)	2,000,0000 mg	400,00	400,00 mg
1257700 zinc (organically bound) (3b606)	1,000,0000 mg	200,00	200,00 mg
1260000 iodine as calcium iodate, anhydrous (3b202)	50,0000 mg	10,00	10,00 mg
1262500 cobalt (dust-free carbonate) (3b304)	75,0000 mg	15,00	15,00 mg
1265000 selenium (sodium-selenite) (3b801)	12,5000 mg	2,50	2,50 mg
1265105 selenium (selenomethionine) (3b811)	7,5000 mg	1,50	1,50 mg



0323 400 7000

CHOPS

14HO07337

ELDON-TWEED CHOPS-ET
TR TP TY TV TL TD
MOGUL X MAN-O-MAN X MAC



MILK PRODUCTION Per 305 Days 12,790 kg Per Day 41.93kg



Stature	Short	0.86	Tall
Strength	Frail	-0.23	Strong
Body Depth	Shallow	0.36	Deep
Dairy Form	Tight Ribbed	1.71	Open Ribbed
Rump Width	Narrow	0.20	Wide
Rump Angle	High Pins	-1.10	Sloped
Rear Leg (side view)	Posty	-0.69	Sickled
Rear Leg (rear view)	Hock-in	0.81	Straight
Foot Angle	Low Angle	0.85	Steep Angle
Feet & Leg Score	Low	0.85	High
Fore Udder	Loose	1.64	Strong
Rear Udder Height	Low	3.04	High
Rear Udder Width	Narrow	1.42	Wide
Udder Cleft	Weak	0.74	Strong
Udder Depth	Deep	1.75	Shallow
Front Teat Placement	Wide	1.13	Close
Rear Teat Placement	Wide	1.19	Close
Teat Length	Short	-1.33	Long

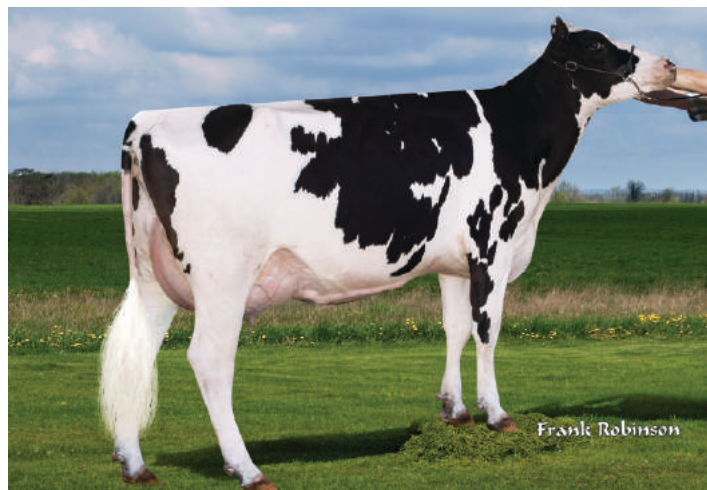
Indexes		Production		Type		Fertility Traits		Management Traits		Wellness Traits	
TPI	2350	PTAM (lbs)	263	PTAT	1.59	FI	-1.0	SCE Rel%	1.9 / 98	MAST/Rel%	102 / 91
NMS	245	PTAP (lbs)	23	UDC	1.72	DPR/Rel%	-1.4 / 96	DCE Rel%	2.3 / 95	LAME/Rel%	99 / 89
CMS	251	PTAF (lbs)	48	FLC	0.70	HCR/Rel%	0.8 / 93	GL/Rel%	-1.3 / 99	RP/Rel%	94 / 93
DWPS	248	Pro Rel (%)	99	Type Rel (%)	97	CCR/Rel%	-1.2 / 97	PL/Rel%	-1.9 / 97	KET/Rel%	105 / 91
Feed Efficiency (\$)	127	Dtrs/Herds	1841 / 508	Dtrs/Herds	457 / 187	SCS/Rel%	3.12 / 99	MET/Rel%	95 / 92		

Indexes		Production		Type		Fertility Traits		Management Traits		Wellness Traits	
TPI	2469	PTAM (lbs)	1236	PTAT	1.02	FI	-0.1	SCE Rel%	2.4 / 97	MAST/Rel%	95 / 80
NMS	475	PTAP (lbs)	33	UDC	1.85	DPR/Rel%	-0.5 / 91	DCE Rel%	2.2 / 86	LAME/Rel%	99 / 79
CMS	470	PTAF (lbs)	45	FLC	-0.10	HCR/Rel%	0.3 / 86	GL/Rel%	-1.2 / 99	RP/Rel%	97 / 81
DWPS	290	Pro Rel (%)	98	Type Rel (%)	92	CCR/Rel%	0.6 / 91	PL/Rel%	2.5 / 92	KET/Rel%	103 / 70
Feed Efficiency (\$)	129	Dtrs/Herds	462 / 88	Dtrs/Herds	100 / 41	SCS/Rel%	3.12 / 96	MET/Rel%	103 / 74		

LOYALTY

7HO12690

LADYS-MANOR MTRS LOYALTY-ET
TR TP TY TV TL TD
MONTROSS X GRAFEETI X SUPER



MILK PRODUCTION Per 305 Days 13,348 kg Per Day 43.76kg



Stature	Short	0.53	Tall
Strength	Frail	0.31	Strong
Body Depth	Shallow	0.50	Deep
Dairy Form	Tight Ribbed	1.22	Open Ribbed
Rump Width	Narrow	-0.67	Wide
Rump Angle	High Pins	2.84	Sloped
Rear Leg (side view)	Posty	-1.50	Sickled
Rear Leg (rear view)	Hock-in	-0.12	Straight
Foot Angle	Low Angle	0.47	Steep Angle
Feet & Leg Score	Low	0.09	High
Fore Udder	Loose	1.27	Strong
Rear Udder Height	Low	3.40	High
Rear Udder Width	Narrow	2.25	Wide
Udder Cleft	Weak	0.91	Strong
Udder Depth	Deep	0.69	Shallow
Front Teat Placement	Wide	0.86	Close
Rear Teat Placement	Wide	0.92	Close
Teat Length	Short	-0.01	Long

STERLING

7HO11585

A2A2



MILK PRODUCTION Per 305 Days 13,502 kg Per Day 44.26kg

SANDY-VALLEY STERLING-ET
TR TP TY TV TL TD
ROBUST X PLANET X BOLTON



Stature	Short	0.31	Tall
Strength	Frail	0.51	Strong
Body Depth	Shallow	0.35	Deep
Dairy Form	Tight Ribbed	0.97	Open Ribbed
Rump Width	Narrow	0.74	Wide
Rump Angle	High Pins	-2.09	Sloped
Rear Leg (side view)	Posty	0.98	Sickled
Rear Leg (rear view)	Hock-in	0.27	Straight
Foot Angle	Low Angle	0.51	Steep Angle
Feet & Leg Score	Low	0.66	High
Fore Udder	Loose	0.54	Strong
Rear Udder Height	Low	0.28	High
Rear Udder Width	Narrow	1.51	Wide
Udder Cleft	Weak	-0.27	Strong
Udder Depth	Deep	0.07	Shallow
Front Teat Placement	Wide	0.21	Close
Rear Teat Placement	Wide	0.06	Close
Teat Length	Short	-0.50	Long

Indexes		Production		Type		Fertility Traits		Management Traits		Wellness Traits	
TPI	2304	PTAM (lbs)	1221	PTAT	0.65	FI	-1.3	SCE Rel%	2.2 / 99	MAST/Rel%	100 / 98
NM\$	387	PTAP (lbs)	38	UDC	0.41	DPR/Rel%	-2.3 / 99	DCE Rel%	2.2 / 99	LAME/Rel%	103 / 98
CM\$	381	PTAF (lbs)	23	FLC	0.52	HCR/Rel%	1.1 / 98	GL/Rel%	-2.6 / 99	RP/Rel%	91 / 98
DWPS	438	Pro Rel (%)	99	Type Rel (%)	99	CCR/Rel%	-1.4 / 99	PL/Rel%	2.0 / 99	KET/Rel%	106 / 96
Feed Efficiency (\$)	105	Dtrs/Herds	19485 / 2926	Dtrs/Herds	3527 / 1018			SCS/Rel%	3.29 / 99	MET/Rel%	103 / 98

Indexes		Production		Type	Fertility Traits		Management Traits		Wellness Traits		
JPI	67	PTAM (lbs)	563	PTAT	1.00	DPR/Rel%	-1.6 / 78	GL/Rel%	-1.0 / 96	MAST/Rel%	95 / 58
NM\$	341	PTAP (lbs)	19	Type Rel (%)	4.60	HCR/Rel%	-1.3 / 65	PL/Rel%	2.6 / 81	LAME/Rel%	99 / 53
CM\$	343	PTAF (lbs)	31	Dtrs/Herds	19 / 13	CCR/Rel%	-1.0 / 78	SCS/Rel%	2.95 / 86	RP/Rel%	97 / 50
DWPS	156	Pro Rel (%)	92							KET/Rel%	108 / 48
		Dtrs/Herds	52 / 29							MET/Rel%	107 / 51

A2A2

MILK PRODUCTION Per 305 Days 9,493 kg Per Day 31.12kg

RIALS BALLISTIC VAPOR
BALLISTIC X VISIONARY X HEADLINE

Stature	Short	-1.30	Tall
Strength	Frail	-0.80	Strong
Dairy Form	Tight Ribbed	0.70	Open Ribbed
Rump Width	Narrow	-1.40	Wide
Rump Angle	High Pins	2.70	Sloped
Rear Leg (side view)	Posty	0.60	Sickled
Foot Angle	Low Angle	-1.00	Steep Angle
Fore Udder	Loose	-0.20	Strong
Rear Udder Height	Low	1.60	High
Rear Udder Width	Narrow	0.90	Wide
Udder Cleft	Weak	0.30	Strong
Udder Depth	Deep	-0.30	Shallow
Front Teat Placement	Wide	0.80	Close
Rear Teat (rear view)	Wide	0.00	Close
Rear Teat (side view)	Close	-0.80	Back
Teat Length	Short	-1.30	Long

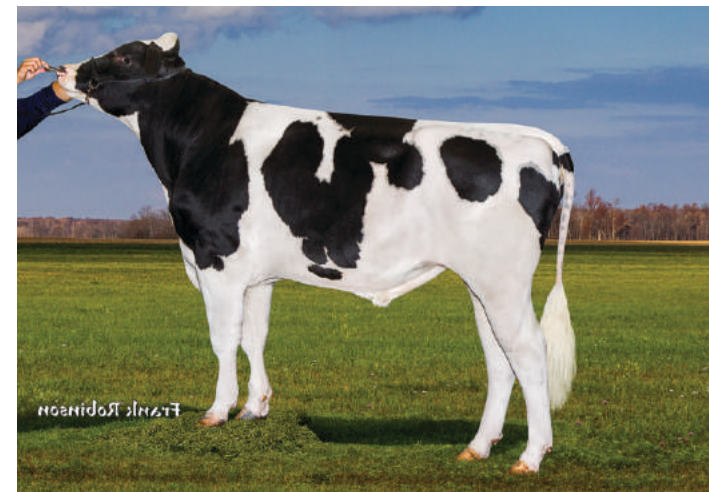
FRANCHISE

7HO12601

OCD RODGERS FRANCHISE-ET
TR TP TY TV TL TD
RODGERS X MOGUL X GOLDWYN



MILK PRODUCTION Per 305 Days 12,962 kg Per Day 42.49kg



Stature	Short	-0.71	Tall
Strength	Frail	-0.72	Strong
Body Depth	Shallow	-1.30	Deep
Dairy Form	Tight Ribbed	-1.23	Open Ribbed
Rump Width	Narrow	-0.39	Wide
Rump Angle	High Pins	-1.09	Sloped
Rear Leg (side view)	Posty	-2.98	Sickled
Rear Leg (rear view)	Hock-in	0.69	Straight
Foot Angle	Low Angle	0.90	Steep Angle
Feet & Leg Score	Low	-0.54	High
Fore Udder	Loose	2.72	Strong
Rear Udder Height	Low	1.70	High
Rear Udder Width	Narrow	0.94	Wide
Udder Cleft	Weak	-0.46	Strong
Udder Depth	Deep	1.44	Shallow
Front Teat Placement	Wide	0.50	Close
Rear Teat Placement	Wide	0.63	Close
Teat Length	Short	0.05	Long

Indexes	Production	Type	Fertility Traits	Management Traits	Wellness Traits
TPI 2456	PTAM (lbs) 645	PTAT 0.38	FI 0.7	SCE Rel% 1.2 / 99	MAST/Rel% 107 / 97
NMS 496	PTAP (lbs) 26	UDC 1.68	DPR/Rel% 0.1 / 99	DCE Rel% 1.2 / 98	LAME/Rel% 104 / 97
CMS 500	PTAF (lbs) 34	FLC -0.22	HCR/Rel% 0.3 / 97	GL/Rel% -1.3 / 99	RP/Rel% 98 / 98
DWPS 543	Pro Rel (%) 99	Type Rel (%) 99	CCR/Rel% -0.2 / 99	PL/Rel% 3.2 / 99	KET/Rel% 109 / 96
Feed Efficiency (\$) 100	Dtrs/Herds 7481 / 1068	Dtrs/Herds 2168 / 404		SCS/Rel% 2.96 / 99	MET/Rel% 105 / 97

Indexes	Production	Type	Fertility Traits	Management Traits	Wellness Traits
TPI 2631	PTAM (lbs) 992	PTAT 2.10	FI -3.7	SCE Rel% 2.1 / 99	MAST/Rel% 95 / 73
NMS 591	PTAP (lbs) 44	UDC 1.82	DPR/Rel% -3.6 / 95	DCE Rel% 2.1 / 92	LAME/Rel% 99 / 71
CMS 598	PTAF (lbs) 103	FLC 0.16	HCR/Rel% -3.8 / 92	GL/Rel% -2.7 / 99	RP/Rel% 98 / 74
DWPS 489	Pro Rel (%) 99	Type Rel (%) 95	CCR/Rel% -4.8 / 96	PL/Rel% -0.6 / 95	KET/Rel% 106 / 66
Feed Efficiency (\$) 246	Dtrs/Herds 1794 / 400	Dtrs/Herds 203 / 81		SCS/Rel% 3.06 / 98	MET/Rel% 106 / 70

HAD ME

7HO12901

AOT SILVER HAD ME-ET
TR TP TY TV TL TD
SILVER X SUPERSIRE X MAN-O-MAN



MILK PRODUCTION Per 305 Days 12,869 kg Per Day 42.19kg



Stature	Short	2.74	Tall
Strength	Frail	0.65	Strong
Body Depth	Shallow	1.30	Deep
Dairy Form	Tight Ribbed	2.46	Open Ribbed
Rump Width	Narrow	0.11	Wide
Rump Angle	High Pins	1.31	Sloped
Rear Leg (side view)	Posty	0.30	Sickled
Rear Leg (rear view)	Hock-in	0.09	Straight
Foot Angle	Low Angle	1.78	Steep Angle
Feet & Leg Score	Low	0.84	High
Fore Udder	Loose	1.63	Strong
Rear Udder Height	Low	3.08	High
Rear Udder Width	Narrow	2.38	Wide
Udder Cleft	Weak	2.58	Strong
Udder Depth	Deep	1.92	Shallow
Front Teat Placement	Wide	2.27	Close
Rear Teat Placement	Wide	2.52	Close
Teat Length	Short	-0.39	Long

HODOR

14HO07851



MILK PRODUCTION Per 305 Days 12,547 kg Per Day 41.13kg



AOT JUMP HODOR-ET
TR TP TY TV TL TD
JUMP X SUPERSIRE X MAN-O-MAN

Stature	Short	0.16	Tall
Strength	Frail	-0.83	Strong
Body Depth	Shallow	-0.42	Deep
Dairy Form	Tight Ribbed	1.26	Open Ribbed
Rump Width	Narrow	-0.69	Wide
Rump Angle	High Pins	1.31	Sloped
Rear Leg (side view)	Posty	0.08	Sickled
Rear Leg (rear view)	Hock-in	-0.85	Straight
Foot Angle	Low Angle	-0.28	Steep Angle
Feet & Leg Score	Low	-0.34	High
Fore Udder	Loose	1.04	Strong
Rear Udder Height	Low	1.33	High
Rear Udder Width	Narrow	1.23	Wide
Udder Cleft	Weak	1.34	Strong
Udder Depth	Deep	1.38	Shallow
Front Teat Placement	Wide	1.49	Close
Rear Teat Placement	Wide	1.48	Close
Teat Length	Short	-0.81	Long

Indexes		Production		Type		Fertility Traits		Management Traits		Wellness Traits	
TPI	2513	PTAM (lbs)	769	PTAT	0.56	FI	-0.5	SCE Rel%	1.5 / 89	MAST/Rel%	99 / 62
NM\$	593	PTAP (lbs)	31	UDC	1.29	DPR/Rel%	-0.8 / 85	DCE Rel%	1.5 / 74	LAME/Rel%	101 / 60
CM\$	600	PTAF (lbs)	65	FLC	-0.52	HCR/Rel%	0.8 / 79	GL/Rel%	0.3 / 98	RP/Rel%	98 / 63
DWPS	563	Pro Rel (%)	94	Type Rel (%)	85	CCR/Rel%	-1.0 / 85	PL/Rel%	2.2 / 86	KET/Rel%	103 / 57
Feed Efficiency (\$)	179	Dtrs/Herds	129 / 42	Dtrs/Herds	18 / 8	SCS/Rel%	2.86 / 90	MET/Rel%	103 / 61		

Indexes		Production		Type		Fertility Traits		Management Traits		Wellness Traits	
TPI	2364	PTAM (lbs)	1480	PTAT	0.39	FI	0.4	SCE Rel%	2.5 / 89	MAST/Rel%	101 / 75
NM\$	449	PTAP (lbs)	29	UDC	0.61	DPR/Rel%	-0.4 / 89	DCE Rel%	2.6 / 79	LAME/Rel%	102 / 75
CM\$	442	PTAF (lbs)	33	FLC	-0.60	HCR/Rel%	0.9 / 80	GL/Rel%	-2.7 / 98	RP/Rel%	102 / 74
DWPS	361	Pro Rel (%)	96	Type Rel (%)	90	CCR/Rel%	0.1 / 89	PL/Rel%	2.6 / 91	KET/Rel%	101 / 67
Feed Efficiency (\$)	114	Dtrs/Herds	188 / 63	Dtrs/Herds	106 / 28	SCS/Rel%	2.92 / 93	MET/Rel%	101 / 71		

TERRIS

7HO13137

S-S-I AVENUE TERRIS-ET
TR TP TC TY TV TL TD
AVENUE X BOOKEM X SHOTTLE



MILK PRODUCTION Per 305 Days 12,812 kg Per Day 42.00kg



Stature	Short	-0.60	Tall
Strength	Frail	-0.17	Strong
Body Depth	Shallow	-0.33	Deep
Dairy Form	Tight Ribbed	-0.07	Open Ribbed
Rump Width	Narrow	0.73	Wide
Rump Angle	High Pins	-0.50	Sloped
Rear Leg (side view)	Posty	0.89	Sickled
Rear Leg (rear view)	Hock-in	-0.76	Straight
Foot Angle	Low Angle	-0.43	Steep Angle
Feet & Leg Score	Low	-0.64	High
Fore Udder	Loose	1.32	Strong
Rear Udder Height	Low	0.32	High
Rear Udder Width	Narrow	0.34	Wide
Udder Cleft	Weak	-0.19	Strong
Udder Depth	Deep	0.36	Shallow
Front Teat Placement	Wide	0.79	Close
Rear Teat Placement	Wide	0.39	Close
Teat Length	Short	-0.88	Long



genderSELECTED4M

All gender SELECTED semen is processed using SexedULTRA technology.



RobotPRO

World Wide Sires has identified sires that transmit the desired traits for robotic milking system.



Elite Sexed Fertility

The innovative designation distinguishes our highest performing sires for sex-sorted semen in both 2M and 4M products.



Showcase

Sires earn the Showcase designation through outstanding breed-leading Type or show-winning pedigrees.



Wellness

Wellness designates sires that improve resistance to the most common diseases impacting dairy cattle.



FeedPRO

FeedPRO optimize the selection for increased production and moderate body size while maintaining body condition score and daughter fertility.



Gforce

This combination of data increase the reliability of a young sires genetic prediction prior to the availability of actual daughter data.



genderSELECTED

All gender SELECTED semen is processed using SexedULTRA technology.



FertilityPRO

The FertilityPRO designation identifies sires with semen that will likely improve pregnancy rates.



Progeny Proven

The icon designates sires with an evaluation based on both genomic data and actual daughter performance data.



GrazingPRO

World Wide Sires' GrazingPRO sires are selected to improve the profitability of grass-based production systems by transmitting greater longevity, better mobility, moderate stature, improved component yields, and superior production.



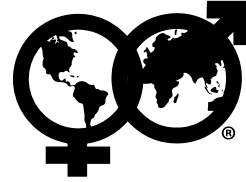
Gforce+

The Gforce+ lineup includes genomic young sires selected based on rigid semen quality standards and their high-ranking Sire Conception Rate (SCR) from progeny test semen usage.



NxGEN

NxGEN is a membership program used to expedite the distribution of elite genetics from the World Wide Sires Select Sires breeding program into the marketplace.



World Wide Sires



Maxim

Maxim Agri (Pvt.) Ltd

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