Ultraplus™
HIGH FERTILITY SEX SORTED SEMEN

IMPORTED SEMEN
ST
FROM USA

STgenetics®
India

UNDERSTANDING HOLSTEIN SIRE PROOF

U.S. Registered Holsteins
FOR MAXIMUM PROFIT
HOLSTEIN ASSOCIATION USA, INC.

TPI: Total Performance Index

TPI is a multi-trait index, calculated by Holstein Association USA. It combines Predicted Transmitting Ability (PTA) of Production traits (46%), Health Traits (28%) and Type traits (26%). TPI is the Primary selection index recommended by Holstein Association USA.

PTAM: Predicted Transmitting Ability Milk

PTAM indicates the expected milk production of the daughters of the bull in lbs above the breed average which is 28,014 lbs (CDCB 12/2022) for Holsteins

NM$: Net Merit Dollars

NM$ is a genetic index value in US$ calculated by the Council on Dairy Cattle Breeding (CDCB which estimates lifetime profitability of an animal; defined as the difference in expected lifetime profit of an animal, compared with the average genetic merit of cows within the breed born in the year of the genetic base. NM$ combines several production (46%), type trait (26%) and health traits (28%) with weightings placed on their economic importance and the goals of the index.

PL: Productive Life

PL indicates the additional time the daughter of the bulls would stay productive in the herd above the breed average. PL: +1 indicates that the cow will stay 30 days more than the breed average

SCS: Somatic Cell Score

The PTA for SCS is used to improve mastitis resistance. Bulls with low PTA for SCS (less than 3.0) are expected to have daughters with lower mastitis than bulls with high PTA for SCS (greater than 3.5).

DPR: Daughter Pregnancy Rate

Daughter Pregnancy Rate is defined as the percentage of non-pregnant cows that become pregnant during each 21-day period. DPR takes into account how quickly cows come back into heat after calving and conception rate when bred. A DPR of '1.0' implies that daughters from this bull are 1% more likely to become pregnant during that oestrus cycle than a bull with an evaluation of zero. DPR PTA values typically range from +3.0 to -3.0, with higher values being preferable. Each increase of 1% in PTA DPR equals a decrease of 4 days in PTA days open

HCR: Heifer Conception Rate

A virgin heifer's ability to conceive – defined as the percentage of inseminated heifers that become pregnant at each service. An HCR of 1.0 implies that daughters of this bull are 1% more likely to become pregnant as a heifer than daughters of a bull with an evaluation of 0.0. Services are only included if the heifer is at least 12 months old and less than 2.2 years.

CCR: Cow Conception Rate

A lactating cow's ability to conceive – defined as the percentage of inseminated cows that become pregnant at each service. A bull's CCR of 1.0 implies that daughters of this bull are 1% more likely to become pregnant during that lactation than daughters of a bull with an evaluation of 0.0. CCR simply looks at the daughter's ability to conceive when inseminated.

SCE: Sire Calving Ease

The percentage of bull's calves born that are considered difficult in first lactation animals. The PTA SCE range from 1-4 with an average of 2.2 from August 2020 onwards. Lower the PTA SCE, the calving is expected to be easier

DCE: Daughter Calving Ease

DCE is a measurement of the tendency of calves from a particular animal to be born more or less easily. DCE measures the ability of a particular cow (a daughter of a bull) to calve easily; daughters of bull's with high DCE numbers would be expected to have a more difficult time giving birth than daughters of bulls with lower DCE numbers. DCE is evaluated on the same scale as SCE.

SSB: Sire Still Birth

The percentage of a bull's offspring that are born dead to first lactation animals.

DSB: Daughter Still Birth

Measures the ability of a particular cow (daughter) to produce live calves. Stillbirth is expressed as percent stillbirths, where stillborn calves are those scored as dead at birth or born alive but died within 48 hours of birth

PTAT: Predicted Transmitting Ability for Type

PTA Type is an estimate of the genetic superiority for conformation that a bull will transmit to its offspring. This is directly correlated with the final score of the bull's daughters, not the linear traits.

UDC: Udder Composite index

Udder Composite is an index based on ability for udder improvement. Udder composite includes six linear traits, and the weighting for each trait's contribution to higher udder scores. The traits and their weightings are: 19% Rear udder height, 17% Udder depth, -17% Stature, 6% Rear udder width, 13% Fore udder attachment, 7% Udder Cleft, 4% Rear teat optimum, 4% Teat length optimum, and 3% Front teat placement.

FLC: Feet and Leg Composite index

FLC is a measure of a bull's ability for foot and leg improvement. Weights for the four traits in the composite are: 58% foot and leg classification score, 18% rear legs rear view, -17% stature and 8% foot angle

RECESSIVES & HAPLOTYPES

These codes, or symbols representing the code, will only show up on a proof sheet if an animal is a carrier or test positive for one of the following. The acronyms denoting that an animal is tested free of a recessive will only show up on its pedigree.

BY: Brachyspina & **TY:**Tested free of brachyspina, **BL:**BLADS, or Bovine leukocyte adhesion deficiency & **TL:** Tested free of BLADS, **CV:**CVM or Complex vertebral malformation & **TV:**Tested free of CVM, **DP:**DUMPS, or Deficiency of the uridine monophosphate synthase & **TD:**Tested free of DUMPS, **MF:**Mulefoot & **TM:** Tested free of mulefoot, **HH1, HH2, Hh3, Hh4, HH5:** Holstein haplotypes that negatively affect fertility, **HCD:** Holstein haplotype for cholesterol deficiency

For more details about understanding sire proof information; scan QR code

Understanding Bull Proof

Ultraplus™
HIGH FERTILITY SEX SORTED SEMEN

151HO00766 SIERRA

Edg Casual Sierra 57276-ET TC
Casual x Observer x Die-Hard

Frank Robinson

PROVEN | EU | BLACK

PROVEN BULL
DAUGHTERS AVERAGE
MILK: 13,493kg
FAT: 3.8%
PROTEIN: 3.1%
STgenetics

Kathy DeBruin

Sire: Larcrest Casual-ET TV TL TY

Dam: Pine-Tree 4233 Obsrv4858-ET EX-90 02-07 3x 300d 28010m 3.2 892f 3.0 836p

MGS: De-Su Observer-ET TR TV TL TY TD VG-86

MGD: Pine-Tree Diehard Sharla-ET VG-88 02-02 3x 305d 33330m 3.4 1130f 2.9 979p

Reg: Ho840003010356023

DOB: 10/24/2013

RHA: %

DMS: 345,456

aAa: 342   AB A1A2

MGD: Pine-Tree Diehard Sharla-ET

12/2023	CDCB SUMMARY - MACE			NM$ +211
Milk	+320	96%R	Fluid Merit $	+191
Fat	+2	-0.04%	Cheese Merit $	+218
Protein	+12	+0.01%	Grazing Merit $	+234
SCS	2.73	94%R	Gestation Len. +0	Fert. Index +1.0
PL	+1.4	91%R	Livability -0.6	
DPR	+1.0	88%R	EFI 8.1%	gEFI 9.3%
HCR	+0.2	Daughters Avg. Prodn. (lbs): 29685m 3.8% 1119f 3.1% 933P		
CCR	+1.5		174 D 21 H 84%US	

12/2023	CALVING SUMMARY		SCE 1.9%
Sire Calving Ease	1.9%	80%R	167
Daughter Calving Ease	2.5%	74%R	100
Sire Stillbirth	6.3%	65%R	123
Daughter Stillbirth	6.4%	67%R	46

12/2023	HA TYPE SUMMARY			TPI +2250
PTAT +1.08 82% UDC+1.39 FLC+0.35 BSC-0.29 25 D 1 H				
Stature	+0.22	Tall		
Strength	-0.28	Frail		
Body Depth	-0.11	Shallow		
Dairy Form	+0.26	Open Rib		
Rump Angle	-0.35	High Pins		
Thurl Width	-0.02	Narrow		
Rear Legs-Side	+1.25	Sickle		
Rear Legs-Rear	+0.35	Straight		
Foot Angle	+0.02	Steep		
Feet & Legs Score	+0.45	High		
F. Udder Attachment	+2.13	Strong		
Rear Udder Height	+1.38	High		
Rear Udder Width	+0.75	Wide		
Udder Cleft	+0.74	Strong		
Udder Depth	+1.93	Shallow		
Front Teat Placement	+1.31	Close		
Rear Teat P. Rear	+0.89	Close		
Teat Length	-1.67	Short		

Ultraplus
HIGH FERTILITY SEX SORTED SEMEN

551HO03891 YORKER

Pine-TRee Sky Yorker-ET TC
Skywalker x Burley x Yoder

BB KAPPA CASEIN | ✔ PROVEN | **EU**

PROVEN BULL — DAUGHTERS AVERAGE — MILK: 12,797kg FAT: 4.3% PROTEIN: 3.3% — STgenetics
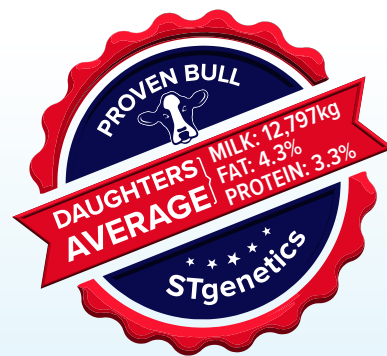
Sire:	Bomaz Skywalker-ET
Dam:	Pine-TRee 9839 Burl 7445-ET
MGS:	Pine-Tree Burley-ET
MGD:	Endco Yoder L7933 9839-ET VG-86
Reg:	Ho840003150687272
DOB:	11/05/2018
RHA:	%
DMS:	456,345 BB A1A2
aAa:	342

MGD: Endco Yoder L7933 9839-ET

12/2023	CDCB SUMMARY - GENOMIC			NM$ +839
Milk	+427	96%R	Fluid Merit $	+703
Fat	+60	+0.15%	Cheese Merit $	+855
Protein	+42	+0.10%	Grazing Merit $	+841
SCS	3.00	92%R	Gestation Len. -1	Fert. Index +1.7
PL	+5.2	87%R	Livability +3.6	
DPR	+1.6	88%R	EFI 10.2%	gEFI 11.7%
HCR	+1.2		Daughters Avg. Prodn. (lbs): 28155m 4.3% 1205f 3.3% 935P	
CCR	+2.9		185 D 38 H 100%US	

12/2023	CALVING SUMMARY		SCE 1.4%
Sire Calving Ease	1.4%	89%R	327
Daughter Calving Ease	1.8%	77%R	102
Sire Stillbirth	5.0%	81%R	312
Daughter Stillbirth	4.0%	77%R	96

12/2023	HA TYPE SUMMARY			TPI +2732

PTAT +0.53 88% UDC+1.16 FLC+0.82 BSC-1.68   28 D 13 H

Trait	Value	Descriptor	
Stature	-1.09	Short	
Strength	-1.19	Frail	
Body Depth	-0.94	Shallow	
Dairy Form	+0.42	Open Rib	
Rump Angle	-0.57	High Pins	
Thurl Width	-1.77	Narrow	
Rear Legs-Side	-0.22	Posty	
Rear Legs-Rear	+0.30	Straight	
Foot Angle	-0.11	Low	
Feet & Legs Score	+0.64	High	
F. Udder Attachment	+1.14	Strong	
Rear Udder Height	+1.61	High	
Rear Udder Width	+0.40	Wide	
Udder Cleft	+0.14	Strong	
Udder Depth	+0.91	Shallow	
Front Teat Placement	-0.43	Wide	
Rear Teat P. Rear	-0.35	Wide	
Teat Length	-0.10	Short	

551HO03711 GALILEO

St Gen Dw Galileo-ET TC
Delta-Worth x Director x Supersire

EcoFeed®heifer: 105 - 68% R.   Cow: 110 - 52% R.

Ecofeed+ | BB KAPPA CASEIN | PROVEN | A2A2

PROVEN BULL
DAUGHTERS AVERAGE — MILK: 12,654kg FAT: 4.2% PROTEIN: 3.2%
STgenetics
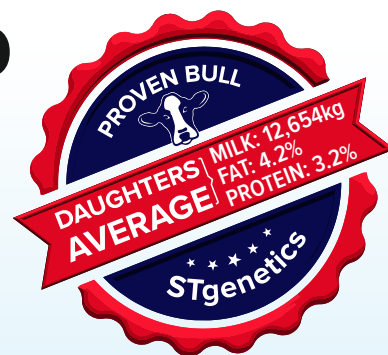
Sire:	Butz-Hill Delta-Worth-ET
Dam:	St Gen Director 74510-ET
MGS:	Mr Pre Director 57512-ET CD
MGD:	Ocd Ss Soleil Moon Frye-ET VG-85 02-01 2x 365d 27410m 4.2 1147f 3.4 923
Reg:	Ho840003132353156
DOB:	07/24/2017
RHA:	%
DMS:	135,123
aAa:	342 BB A2A2

MGD: Ocd Ss Soleil Moon Frye-ET

12/2023	CDCB SUMMARY - GENOMIC			NM$ +800	
Milk	+555	96%R	Fluid Merit $	+705	
Fat	+65	+0.15%	Cheese Merit $	+814	
Protein	+36	+0.07%	Grazing Merit $	+760	
SCS	2.84	91%R	Gestation Len. +0	Fert. Index -0.3	
PL	+4.2	86%R	Livability +3.5		
DPR	-0.5	86%R	EFI 10.5%	gEFI 11.0%	
HCR	-0.4	Daughters Avg. Prodn. (lbs): 27840m 4.2% 1166f 3.2% 904P			
CCR	-0.3		143 D 28 H 100%US		

12/2023	CALVING SUMMARY		SCE 2.1%
Sire Calving Ease	2.1%	80%R	113
Daughter Calving Ease	1.6%	73%R	87
Sire Stillbirth	6.0%	71%R	102
Daughter Stillbirth	3.6%	66%R	69

12/2023	HA TYPE SUMMARY		TPI +2666
PTAT +0.73 88% UDC+1.14 FLC+0.30 BSC-1.00 32 D 9 H			

Stature	+0.51	Tall	
Strength	-0.76	Frail	
Body Depth	-0.33	Shallow	
Dairy Form	+1.54	Open Rib	
Rump Angle	+0.16	Sloped	
Thurl Width	+1.05	Wide	
Rear Legs-Side	+1.70	Sickle	
Rear Legs-Rear	-0.13	Hock in	
Foot Angle	-0.61	Low	
Feet & Legs Score	+0.68	High	
F. Udder Attachment	+0.90	Strong	
Rear Udder Height	+1.36	High	
Rear Udder Width	+1.58	Wide	
Udder Cleft	+1.35	Strong	
Udder Depth	+1.37	Shallow	
Front Teat Placement	+1.33	Close	
Rear Teat P. Rear	+1.51	Close	
Teat Length	-2.46	Short	

Frank Robinson

Ultraplus™
HIGH FERTILITY SEX SORTED SEMEN

551HO03443 JOLT

Farnear Tbr Delta-Jolt-ET TC TR
Delta x Supersire x Numero Uno

EcoFeed®heifer: 110 - 74% R.   Cow: 121 - 57% R.

PROVEN BULL
DAUGHTERS AVERAGE MILK: 12,243kg FAT: 4.5% PROTEIN: 3.4%
STgenetics

Sire: Mr Mogul Delta 1427-ET

Dam: Farnear Jess Jenga-ET

MGS: Seagull-Bay Supersire-ET TV TL TY

MGD: Farnear Uno Jess-ET 02-03 2x 335d 21470m 4.9 1043f 3.6 773p

Reg: Ho840003132198704

DOB: 01/27/2016

RHA: %

DMS: 135,561

aAa: 432   BE A1A2

MGGD: Coyne-Farms Freddi Jeven-ET

12/2023	CDCB SUMMARY - MACE			NM$ +637
Milk	+219	99%R	Fluid Merit $	+559
Fat	+52	+0.15%	Cheese Merit $	+649
Protein	+22	+0.05%	Grazing Merit $	+595
SCS	2.82	99%R	Gestation Len. +1	Fert. Index +1.5
PL	+5.4	97%R	Livability +2.3	
DPR	+0.5	96%R	EFI 11.4%	gEFI 12.0%
HCR	+4.2	Daughters Avg. Prodn. (lbs): 26936m 4.5% 1200f 3.4% 915P		
CCR	+3.8	1682 D 141H 93% US		

12/2023	CALVING SUMMARY		SCE 1.6%
Sire Calving Ease	1.6%	93%R	651
Daughter Calving Ease	1.8%	85%R	357
Sire Stillbirth	5.5%	86%R	584
Daughter Stillbirth	4.7%	87%R	356

12/2023	HA TYPE SUMMARY		TPI +2615
PTAT +1.02 97% UDC+1.09 FLC+1.02 BSC+0.06 194 D 23 H			
Stature	-0.41	Short	
Strength	+0.21	Strong	
Body Depth	+0.29	Deep	
Dairy Form	+0.35	Open Rib	
Rump Angle	-0.17	High Pins	
Thurl Width	+0.83	Wide	
Rear Legs-Side	+0.59	Sickle	
Rear Legs-Rear	+0.23	Straight	
Foot Angle	+0.38	Steep	
Feet & Legs Score	+1.09	High	
F. Udder Attachment	+1.78	Strong	
Rear Udder Height	+0.49	High	
Rear Udder Width	+0.85	Wide	
Udder Cleft	+0.72	Strong	
Udder Depth	+0.84	Shallow	
Front Teat Placement	+1.20	Close	
Rear Teat P. Rear	+1.24	Close	
Teat Length	-0.36	Short	

Ultraplus
HIGH FERTILITY SEX SORTED SEMEN

151HO00724 JAYCE

Edg Mccut Jayce 8396-ET TC
Mccutchen x Shamrock x Freddie

EcoFeed®heifer: 110 - 62% R.   Cow: 102 - 34% R.

PROVEN   EU

PROVEN BULL
DAUGHTERS AVERAGE
MILK: 12,155kg
FAT: 3.9%
PROTEIN: 3.1%
STgenetics

MGD: Coyne-Farms Freddi Jeven-ET
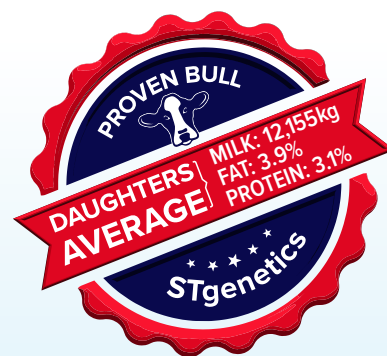
Sire:	De-Su Bkm Mccutchen 1174-ET TY
Dam:	Butlerview Sr Jacey-ET 03-05 3x 305d 28490m 4.4 1262f 3.0 864p
MGS:	Ladys-Manor Pl Shamrock-ET TR TV TL TD VG-85
MGD:	Coyne-Farms Freddi Jeven-ET VG-87 DOM 04-02 2x 365d 36760m 4.8 1757f 3.5 1281p
Reg:	Ho840003013474482
DOB:	08/11/2013
RHA:	%
DMS:	246,456
aAa:	345 AA A1A2

12/2023	CDCB SUMMARY - GENOMIC			NM$ +332
Milk	+104	96%R	Fluid Merit $	+304
Fat	+17	+0.05%	Cheese Merit $	+340
Protein	+7	+0.01%	Grazing Merit $	+302
SCS	2.72	92%R	Gestation Len. -2	Fert. Index +1.7
PL	+4.1	89%R	Livability +1.8	
DPR	+1.4	87%R	EFI 9.3%	gEFI 10.5%
HCR	+2.1	Daughters Avg. Prodn. (lbs): 26743m 3.9% 1043f 3.1% 835P		
CCR	+1.9	142 D 25 H 100% US		

12/2023	CALVING SUMMARY		SCE 2.0%
Sire Calving Ease	2.0%	83%R	140
Daughter Calving Ease	1.9%	77%R	54
Sire Stillbirth	6.7%	72%R	113
Daughter Stillbirth	5.0%	71%R	54

12/2023	HA TYPE SUMMARY		TPI +2312

PTAT +0.09 89% UDC+0.76 FLC+0.22 BSC+0.38   37 D 11 H

Stature	+0.05	Tall	
Strength	-0.12	Frail	
Body Depth	-0.60	Shallow	
Dairy Form	-0.90	Tight	
Rump Angle	+0.50	Slopped	
Thurl Width	+0.48	Wide	
Rear Legs-Side	-0.70	Posty	
Rear Legs-Rear	+0.38	Straight	
Foot Angle	+0.38	Steep	
Feet & Legs Score	+0.17	High	
F. Udder Attachment	+1.31	Strong	
Rear Udder Height	+0.52	High	
Rear Udder Width	+0.34	Wide	
Udder Cleft	+0.04	Strong	
Udder Depth	+1.88	Shallow	
Front Teat Placement	-0.18	Wide	
Rear Teat P. Rear	-0.50	Wide	
Teat Length	-1.35	Short	

Ultraplus
HIGH FERTILITY SEX SORTED SEMEN

151HO03050 JB

Edg Oak Jb 55283-ET TC
Altaoak x Shamrock x Freddie

PROVEN

EU
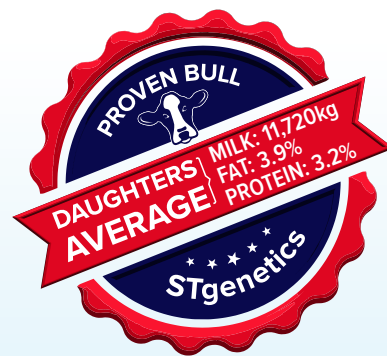
Sire: Pine-Tree Altaoak-ET TV TL TY

Dam: Butlerview Sr Jewel-ET VG-86 04-04 3x 305d 31190m 3.7 1164f 3.1 953p

MGS: Ladys-Manor Pl Shamrock-ET TR TV TL TD VG-85

MGD: Coyne-Farms Freddi Jeven-ET VG-87 DOM 04-02 2x 365d 36760m 4.8 1757f 3.5 1281p

Reg: Ho840003010354030

DOB: 12/07/2013

RHA: %

DMS: 345,456

aAa: 354   AA A1A1

MGD: Coyne-Farms Freddi Jeven-ET

12/2023	CDCB SUMMARY - GENOMIC			NM$ +452
Milk	+181	92%R	Fluid Merit $	+382
Fat	+33	+0.09%	Cheese Merit $	+466
Protein	+18	+0.04%	Grazing Merit $	+397
SCS	2.67	86%R	Gestation Len. +1	Fert. Index +1.0
PL	+4.1	84%R	Livability +4.5	
DPR	+0.8	82%R	EFI 7.9%	gEFI 8.8%
HCR	+0.0	Daughters Avg. Prodn. (lbs): 25786m 3.9% 1014f 3.2% 817P		
CCR	+0.5	35 D 13 H 100%US		

12/2023	CALVING SUMMARY		SCE 2.5%
Sire Calving Ease	2.5%	73%R	39
Daughter Calving Ease	2.6%	71%R	18
Sire Stillbirth	6.3%	65%R	19
Daughter Stillbirth	5.3%	65%R	18

12/2023	HA TYPE SUMMARY		TPI +2438
PTAT +0.44 82% UDC+0.31 FLC+0.68 BSC+0.90 0 D 0 H			
Stature	+0.53	Tall	
Strength	+0.71	Strong	
Body Depth	+0.21	Deep	
Dairy Form	-0.47	Tight	
Rump Angle	-0.02	High Pins	
Thurl Width	+0.16	Wide	
Rear Legs-Side	-1.07	Posty	
Rear Legs-Rear	+1.17	Straight	
Foot Angle	+1.20	Steep	
Feet & Legs Score	+0.62	High	
F. Udder Attachment	+0.66	Strong	
Rear Udder Height	+0.32	High	
Rear Udder Width	+0.18	Wide	
Udder Cleft	+0.08	Strong	
Udder Depth	+0.89	Shallow	
Front Teat Placement	-0.27	Wide	
Rear Teat P. Rear	-0.15	Wide	
Teat Length	+0.14	Long	

551JE01781 RHUSS

Jx Sexing Gm Rhuss {6}-ET JNSF
Got Maid x Lemonhead x Magnum

PROVEN BULL
DAUGHTERS AVERAGE | MILK: 9.414kg | FAT: 5.1% | PROTEIN: 3.7%
STgenetics

Ultraplus HighPurity
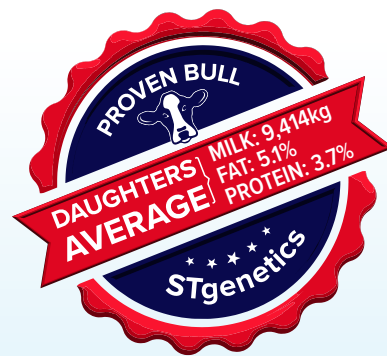
Sire:	JX Sunset Canyon Got Maid {5}- TL TD
Dam:	Jx Sexing Lemonhead 59789 74724 {6}-ET VG-84 02-09 2x 305d 18215 5.1 921f 3.7 669p
MGS:	Steinhauers Samson Lemonhead
MGD:	Sexing Magnum Gail 59789{5}-E VG-80
Reg:	Je840003146625424
DOB:	10/27/2018
RHA:	%
DMS:	561, 126
aAa:	243 JH1F BB A2A2

Dam: Jx Sexing Lemonhead 59789 74724 {6}-ET

12/2023	CDCB SUMMARY - GENOMIC				NM$ +388
Milk	+76	99%R	**Fluid Merit $**		+391
Fat	+26	+0.10%	**Cheese Merit $**		+391
Protein	+0	-0.01%	**Grazing Merit $**		+281
SCS	2.77	97%R	**Gestation Len. -1**		**Fert. Index -1.3**
PL	+5.5	87%R	**Livability +0.7**		
DPR	-1.2	91%R	**EFI 9.9%**		**gEFI 9.3%**
HCR	-2.3		**Daughters Avg. Prodn. (lbs): 20712m 5.1% 1059f 3.7% 769P**		
CCR	-0.7		1015 D 81 H 100%US		

AJCA TYPE SUMMARY				JPI +81
PTAT +1.50 98% JUI+18.6 637 D 47 H				
Stature	+0.90	Tall		
Strength	-0.90	Frail		
Dairy Form	+2.30	Open Rib		
Rump Angle	-1.60	High Pins		
Thurl Width	-0.60	Narrow		
Rear Legs-Side	+0.00	Sickle		
Foot Angle	+0.80	Steep		
F. Udder Attachment	+1.70	Strong		
Rear Udder Height	+1.40	High		
Rear Udder Width	-0.20	Narrow		
Udder Cleft	-0.20	Weak		
Udder Depth	+2.90	Shallow		
Front Teat Placement	+0.80	Close		
Rear Teat P. Side	-0.90	Wide		
Teat Length	-0.70	Short		

Ultraplus™
HIGH FERTILITY SEX SORTED SEMEN

551JE01765 HUXFORD

Sexing Huxford-ET JNSF
Viceroy x Bancroft x Pharoah

PROVEN BULL
DAUGHTERS AVERAGE
MILK: 9370kg
FAT: 4.8%
PROTEIN: 3.6%
STgenetics
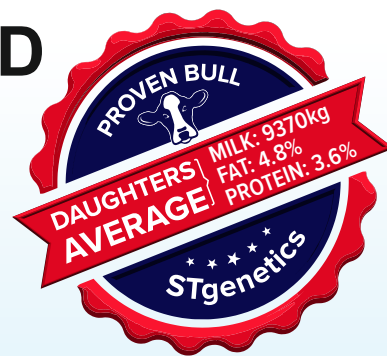
Sire:	Cdf Viceroy-ET
Dam:	Ahlem Bancroft Harmony 50863 VG-80
MGS:	Ahlem Axis Bancroft-ET
MGD:	Ahlem Pharoah Harmony 43640
Reg:	Je840003203845449
DOB:	04/05/2019
RHA:	%
DMS:	561
aAa:	423 JH1F BB A2A2

DAM: Ahlem Bancroft Harmony 50863

12/2023	CDCB SUMMARY - GENOMIC			NM$ +214
Milk	+924	95%R	**Fluid Merit $**	+189
Fat	+33	-0.05%	**Cheese Merit $**	+218
Protein	+33	+0.00%	**Grazing Merit $**	+204
SCS	2.98	91%R	**Gestation Len. -1**	Fert. Index +1.0
PL	+0.5	83%R	**Livability -0.3**	
DPR	+0.3	82%R	**EFI 10.2%**	gEFI 9.0%
HCR	+3.1		**Daughters Avg. Prodn. (lbs): 20615m 4.8% 992f 3.6% 742P**	
CCR	+1.2		**212 D 35 H 100%US**	

AJCA TYPE SUMMARY				JPI +96
PTAT +1.30 91% JUI+18.9 84 D 18 H				
Stature	+2.50	Tall		
Strength	+1.80	Strong		
Dairy Form	+0.60	Open Rib		
Rump Angle	+0.30	Sloped		
Thurl Width	+2.30	Wide		
Rear Legs-Side	+0.10	Sickle		
Foot Angle	+0.90	Steep		
F. Udder Attachment	+2.40	Strong		
Rear Udder Height	+1.50	High		
Rear Udder Width	+0.50	Wide		
Udder Cleft	-0.10	Weak		
Udder Depth	+1.00	Shallow		
Front Teat Placement	+0.30	Close		
Rear Teat P. Rear	+0.10	Close		
Teat Length	+1.20	Long		

Ultraplus™

HIGH FERTILITY SEX SORTED SEMEN

Guidelines for Storing, Thawing & Artificial Insemination

1 Lift the canister from its storage position to just below the frost line. Canister should not be held below the frost line more than 10 seconds.

2 Use a pre-cooled tweezer (forceps) to transfer the straw to a temperature controlled thaw bath (Thaw unit) in less than 5 seconds.

3 Thaw the semen straw in the 'thaw unit' at **35°C - 37°C for 60 seconds for bovine and 120 seconds for buffalo** Sex Sorted Semen.

- If multiple straws are being thawed (not recommended), ensure they are not in contact with each other.
- Only thaw enough semen straws that can be used within 5 minutes for A.I.

4 Remove the straw from the 'thaw unit', dry with a clean towel. Gently shake the straw by holding at the sealed end with two fingers. Do not touch any other part of straw with bare hands. Load the straw in the gun with plug end first.

5 Cut the straw using a straw cutter. If a scissors is used for cutting, make sure it is cut at right angle through the air space. Always keep the straw cutter / scissors clean.

6 Place the sheath on the gun over the cut end of the straw and lock the sheath to the gun. Place sanitary 'sheath protector' over the gun if used.
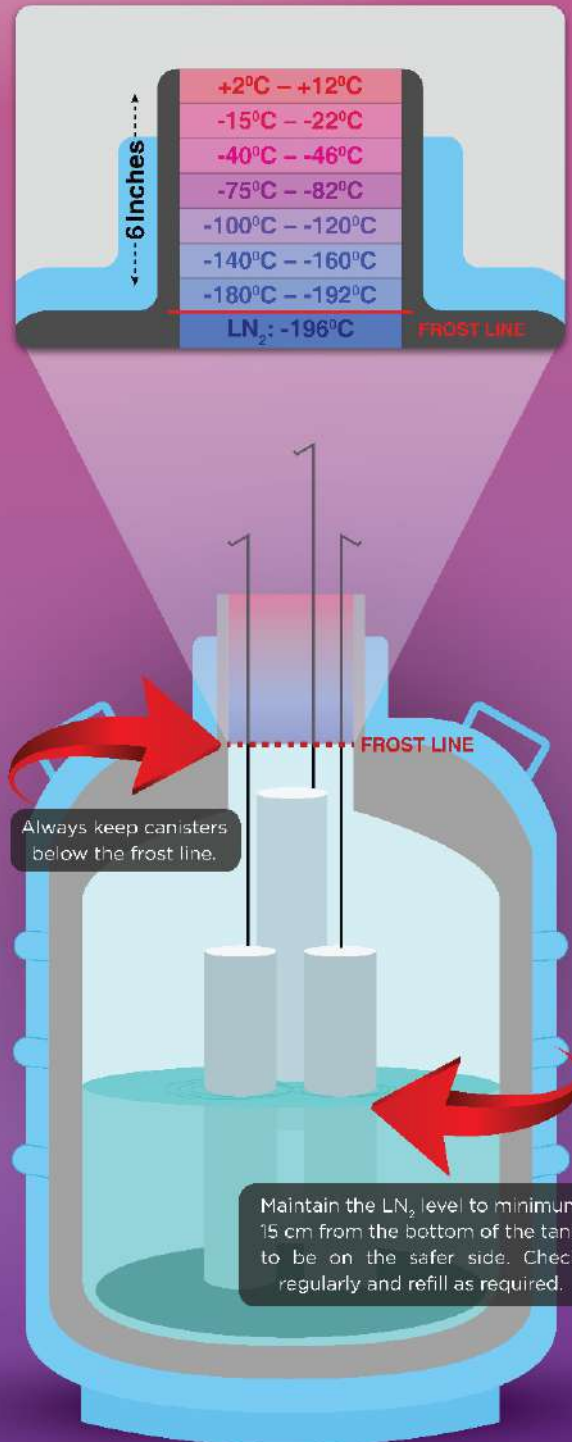
7 Wrap the A.I. gun with a clean dry paper towel to protect against dirt, moisture and temperature fluctuations.

8 **Inseminate with Sex Sorted Semen 14 - 20 hours after the first signs of standing heat.**

9 Record the animal ID, bull information, type of semen used (sex sorted or conventional), date of A.I. and name of inseminator.

Temperature
+2°C – +12°C
-15°C – -22°C
-40°C – -46°C
-75°C – -82°C
-100°C – -120°C
-140°C – -160°C
-180°C – -192°C
LN$_2$: -196°C — FROST LINE

6 Inches

FROST LINE

Always keep canisters below the frost line.

Maintain the LN$_2$ level to minimum 15 cm from the bottom of the tank to be on the safer side. Check regularly and refill as required.

COMPLIANCE TO THE ABOVE STEPS EVERY TIME IS CRUCIAL FOR SUCCESS.

Benefits of SexedUltra®

OVER 90% FEMALE CALVES

FASTER GENETICS PROGRESS
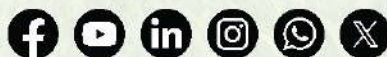
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IMPROVED ANIMAL WELFARE

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