FORT KEOGH LIVESTOCK AND RANGE RESEARCH LABORATORY

RESEARCH ANIMAL SALE

Miles City Livestock Commission
Miles City, Montana

SATURDAY
March 10
2012

Line 1 Hereford
78 Years of Excellence

FORT KEOGH LIVESTOCK AND RANGE RESEARCH LABORATORY

RESEARCH CATTLE SALE

Line 1 Hereford Bulls
Line 1 Hereford Females

SATURDAY
MARCH 10, 2012
12:30 p.m.

Miles City Livestock Commission
Miles City, Montana

Rob Fraser, Auctioneer
(406) 234-1790

Retirement of Dr. Mike MacNeil
March 9, 2012
Friday 6:00 - 9:30 p.m.
Town & Country Club
(4th St and Eagle Ave)

Lunch will be served
Miles City Livestock Commission
11:30 a.m. to 12:15 p.m.
Sale Day

MARK PETERSEN	**(406)874-8200**
Research Leader/Superintendant	
TOM MOTT	**(406)874-8238 or**
Herd Manager	**(406)853-2637**
BRAD EIK	**(406)874-8226 or**
Asst. to Superintendant	**(406)853-2635**
Lindsey Voigt	**(406)874-8201**
Records	

REPRESENTATIVES

Ben Brillhart	(406)947-2222	American Hereford Assn.
Byron Bayers	(406)684-5465	Hereford America

WE'RE ON THE WEB!!

View the following website for more information about the 2012 Line 1 Hereford Bull and Female sale as well as information about Fort Keogh's long and rich history:

www.ars.usda.gov/npa/ftkeogh

Hosted by:
Montana Agricultural Experiment Station

MONTANA STATE UNIVERSITY

MONTANA AGRICULTURAL EXPERIMENT STATION

FRONTIER Stockyards
INTERNET LIVESTOCK MARKETING SPECIALISTS
Traditional Marketing Methods Using 21st Century Technology

BUYERS, UNABLE TO ATTEND THE SALE?? VIEW AND BID ONLINE OR BY TELEPHONE!

This sale will be broadcast live over the Internet on sale day. For buyers that are unable to attend the sale, you will have the option of bidding online using your computer or you can place a bid using the sale day bidline.

Buyers must pre-register for a buyer number and password.

Visit Frontier Stockyards website to register.

Online videos, pedigrees and EPDs can be found along with more information about the sale at:

www.frontierstockyards.com

SALE DAY BIDLINE: 406-234-8721

Sale broadcast by Frontier Stockyards
866-621-5546 or 406-234-8710
frontier@frontierstockyards.com
www.frontierstockyards.com

FRONTIER Stockyards

TERMS

All sales are cash. Payment must be submitted to the Miles City Livestock Commission within 24 hours.

Animals become the buyer's property at the time of sale. The buyer assumes all risk to purchases immediately following the auctioneer's call of "sold." Care of purchased animals can be arranged if animals cannot be picked up by noon on the day following the sale. See Tom Mott or Brad Eik

All animals offered for sale are guaranteed at the time of sale as breeders for natural service, as being in good health, and as otherwise represented by authorized representatives (Research Leader and Superintendent, Line 1 Genetics Project Leader or Assistant to Superintendent) of LARRL. If an animal fails to meet these standards, then the buyer shall provide written notice of said deficiency to the Research Leader, Fort Keogh LARRL. Fort Keogh LARRL reserves the right to examine the animal and to attempt to prove the terms of its guarantee within 90 days of such notice. If it is agreed between buyer and seller that the animal fails to meet the standards for which it is guaranteed, then a settlement satisfactory to both parties and not to exceed the price paid for the animal will be negotiated. No other guarantees are offered or implied.

A copy of the receipt of sale will be given the buyer to be taken up by the Brand Inspector when issuing a brand clearance.

Animals are Bangs and TB tested for interstate shipment within the 48 contiguous states. Bulls have passed a breeding soundness exam.

Registration certificates will be sent to buyers of Line 1 cattle.

Cattle offered are "by-products" of the research program at Fort Keogh LARRL. They are surplus to current research needs. Receipts from this sale defray operating expenses at the Laboratory.

A Brief History...

Line 1 was founded from cows purchased in 1926 from George M. Miles of Miles City, Montana. In 1933, two sons of Advance Domino 13 were purchased from Fred C. DeBerard of Martin, Colorado. The line was closed in 1934 without any further introduction of germplasm. Throughout its history Line 1 has been selected for increased growth to one year of age.

A recessive gene for spotted coat pattern is present throughout the Hereford breed, including Line 1, in low frequency.

In 2008, we asked John Beaver at the University of Illinois to test every animal in the herd for the presence of the mutation causing epilepsy in Hereford cattle. ***The mutation is not present in the Line 1 herd at Miles City***.

Beginning in 2007, Line 1 Hereford bulls used for breeding by Fort Keogh LARRL and offered for sale will be DNA profiled as required by the American Hereford Association for registration of AI sired calves. Fort Keogh LARRL collects DNA as a component of its ongoing research program. Upon request of the buyer of an animal in this, Fort Keogh LARRL will furnish aliquot of DNA (if available) from the purchased animal and its parents to any laboratory authorized by the American Hereford Association to conduct DNA profiling for the purpose of parentage verification only. All costs associated with the requested parentage verification will be the responsibility of the buyer.

ABOUT EPDs

The EPDs published in the sale catalog were downloaded from the American Hereford Association (AHA) web-site in January, 2010.

EPDs are best used to compare two individuals. The actual values of the EPDs do not correlate well with the future performance of one individual's progeny. For example, a bull (Bull A) whose birth weight EPD is 3.5 may very well sire progeny that have an average birth weight of 75 pounds in one herd and 90 pounds in another. However, if Bull A is com-

pared with one (Bull B) whose EPD is -1.5 pounds, then the difference in birth weights of progeny sired by the two bulls is expected to be about 5 pounds in both herds.

EPDs for calving ease are new. The calving ease EPD have great promise in helping Hereford breeders reduce problems with calving difficulty both in seedstock and commercial production situations. These calving ease EPDs optimally combine information from both birth weight and the calving difficulty scores. Thus, if birth weight was being used previously as an indicator of potential calving difficulty, a more efficient approach is to now use the calving ease EPDs instead.

With all the traits being measured and genetic evaluations being conducted cattle producers, purebred and commercial alike, need to give serious thought as to how they use this information. In my opinion, Hereford cattle should not be extreme. The beauty of Hereford cattle is in their moderation of milk, growth, muscle, etc., and in their fitness in range and pasture based production systems. Making Hereford cattle extreme can only add cost for producers whose cattle turn forages into beef.

That said, we believe the information about the genetic potential of cattle should be used in making selection decisions. Be willing to make trade offs among the various traits in ways that best suit your farm or ranch. For many traits the best genetic potential is somewhere in the middle. Too little milk may lead to unthrifty calves. Too much milk may increase energy requirements and use of supplemental feeds or to reduced pregnancy rates. Too little muscle may lead to unacceptable carcasses and discounted prices. Too much muscle may lead to reduced fertility. To this end we try to 1) give every animal an equal chance to perform and 2) provide you with the information you need to evaluate them.

The American Hereford Association indexes are a product of research conducted at Fort Keogh LARRL. The indexes trade-off superiority and inferiority in EPDs, for the traits

evaluating in a manner that is economically consistent with profitability of commercial production. Thus, these indexes enable Hereford breeders and their commercial bull customers to select sires that maximize profit under commercial production situations.

-NOTES-

Herd Sires

Fort Keogh retains a semen interest in all bulls sold, for research purposes. The purchaser of the bull will have possession of the bull and all salvage rights. Fort Keogh retains the semen interest if the bull is sold to subsequent purchasers. Fort Keogh also reserves the right to collect semen from the bull at the buyer's convenience and our expense. This retained semen interest extends to any clone of the bull.

If you have any questions about the retained semen interest, please contact us prior to the sale.

2011 calves on test

L1 Domino 09500

DOB 3/31/2009
29% inbred

L1 Domino 01418
L1 Domino 03473
L1 Dominette 95435
L1 Domino 06472
L1 Domino 98324
L1 Dominette 00532
L1 Dominette 94399
L1 Domino 96868
L1 Domino 99513
L1 Dominette 910050
L1 Dominette 02428
31% inbred
L1 Domino 96871
L1 Dominette 99480
L1 Dominette 93558

CE_d	2.7
BW	-0.3
WW	38
YW	59
MM	16
CE_m	-1.4
SC	0.6
Fat	0.08
REA	-0.24
IMF	0.34
$BMI	$17
$CEZ	$16
$BII	$16
$CHB	$17

	BW	WW	YW	SC
Own	90	623	1152	40
2011 progeny	79	468		
Progeny of Dam:	Exposed 7	Calved 6	Weaned 6	
Pigment of bull:	SC 85%	L. eye 40%	R. eye 50%	

L1 Domino 09533

Out of a Dam of Distinction!

L1 Domino 09533
DOB 4/11/2009
30% inbred

L1 Domino 03490
L1 Domino 05496
L1 Dominette 99455
L1 Domino 07514
L1 Domino 00499
L1 Dominette 02439
L1 Dominette 00463
L1 Domino 97363
L1 Domino 99402
L1 Dominette 95443
L1 Dominette 02339
30% inbred
L1 Domino 98377
L1 Dominette 00561
L1 Dominette 94378

CE_d	-1.3
BW	2.2
WW	35
YW	67
MM	16
CE_m	-0.4
SC	0.7
Fat	0.023
REA	0
IMF	0.04
$BMI	$14
$CEZ	$13
$BII	$14
$CHB	$14

	BW	WW	YW	SC
Own	100	542	1079	38.8
2011 progeny	85	450		
Progeny of Dam:	Exposed 7	Calved 6	Weaned 6	
Pigment of bull:	SC 65%	L. eye 80%	R. eye 100%	

L1 Domino 09500

Out of a Dam of Distinction!

Coming 2-year old Bulls

This offering of coming two-year-old bulls was selected from the **65** bull calves born in 2010. With the exception of the 2010 born herd bulls we are using, these are the only 2010 born Line 1 bulls we sell as breeding bulls. We believe the combination of data integrity, performance selection, and moderate prices make them one of the best genetic values available.

Several investigations show heterosis or hybrid vigor is worth about $100 per cow annually. Research supports the popular adage that, "the black-baldie female is the queen of the prairies." Let our Hereford bulls start the process for you!

Ratios are not computed for the 2010 bulls because some of the calves with lighter weaning weights were sent to the Poisonous Plants Laboratory in Logan, UT for research. Therefore, any ratios calculated from the calves remaining here would be biased. This selection bias is taken into account in the calculation of the EPD. Therefore, the comparisons among these bulls for weaning weight and yearling weight should be based on their EPD. All birth weights are actual measurements.

L1 Domino 10455

DOB 3/10/2010
30% inbred

L1 Domino 08526
- L1 Domino 05505
  - L1 Domino 02336
  - L1 Dominette 02406
- L1 Dominette 06437
  - L1 Domino 04380
  - L1 Dominette 02413

L1 Dominette 07420
30% inbred
- L1 Domino 05496
  - L1 Domino 03490
  - L1 Dominette 99455
- L1 Dominette 05409
  - L1 Domino 03564
  - L1 Dominette 99408

CE_d	2
BW	1.2
WW	41
YW	73
MM	13
CE_m	0.4
SC	0.7
Fat	0.071
REA	-0.09
IMF	0.33
$BMI	$18
$CEZ	$16
$BII	$17
$CHB	$20

	BW	WW	YW	SC
Own	78	553	995	41

Progeny of Dam:	Exposed 4	Calved 3	Weaned 3
Pigment of calf:	SC 80%	L. eye 100%	R. eye 40%

L1 Domino 10469

DOB 3/17/2010
33% inbred

L1 Domino 02398
- L1 Domino 99496
  - L1 Domino 97349
  - L1 Dominette 95369
- L1 Dominette 00505
  - L1 Domino 98324
  - L1 Dominette 920423

L1 Dominette 08496
30% inbred
- L1 Domino 05426
  - L1 Domino 03426
  - L1 Dominette 02407
- L1 Dominette 02455
  - L1 Domino 99402
  - L1 Dominette 00471

CE_d	2.3
BW	2.3
WW	38
YW	64
MM	18
CE_m	0.8
SC	0.9
Fat	0.03
REA	-0.02
IMF	-0.05
$BMI	$16
$CEZ	$17
$BII	$16
$CHB	$13

	BW	WW	YW	SC
Own	84	482	857	34.5

Progeny of Dam:	Exposed 3	Calved 2	Weaned 2
Pigment of calf:	SC 45%	L. eye 60%	R. eye 70%

L1 Domino 10470
DOB 3/17/2010
31% inbred

L1 Domino 03564
L1 Domino 05516
L1 Dominette 02377
L1 Domino 07407
L1 Domino 99513
L1 Dominette 02428
L1 Dominette 99480
L1 Domino 98324
L1 Domino 01362
L1 Dominette 99455
L1 Dominette 04401
29% inbred
L1 Domino 96871
L1 Dominette 99429
L1 Dominette 880089

CE_d	0.8
BW	3.1
WW	48
YW	84
MM	16
CE_m	-2.2
SC	0.5
Fat	0.056
REA	0.28
IMF	0.27
$BMI	$15
$CEZ	$13
$BII	$13
$CHB	$24

	BW	WW	YW	SC
Own	102	631	1193	40

Progeny of Dam:	Exposed 7	Calved 6	Weaned 6
Pigment of calf:	SC 25%	L. eye 20%	R. eye 10%

Out of a Dam of Distinction

L1 Domino10470

L1 Domino 10479
DOB 3/21/2010
34% inbred

L1 Domino 97349
L1 Domino 99496
L1 Dominette 95369
L1 Domino 02398
L1 Domino 95439
L1 Dominette 98345
L1 Dominette 95320
L1 Domino 03426
L1 Domino 05426
L1 Dominette 02407
L1 Dominette 08532
30% inbred
L1 Domino 01418
L1 Dominette 03555
L1 Dominette 01473

CE_d	2.9
BW	1.6
WW	35
YW	59
MM	17
CE_m	0.9
SC	0.8
Fat	0.022
REA	-0.03
IMF	0.12
$BMI	$18
$CEZ	$18
$BII	$17
$CHB	$16

	BW	WW	YW	SC
Own	74	448	814	32.3

Progeny of Dam:	Exposed 3	Calved 2	Weaned 2
Pigment of calf:	SC 65%	L. eye 90%	R. eye 100%

L1 Domino 02382
L1 Domino 04457
L1 Dominette 02339
L1 Domino 07467
L1 Domino 98281
L1 Dominette 00523
L1 Dominette 98280

L1 Domino 10481
DOB 3/21/2010
30% inbred
L1 Domino 01475
L1 Domino 04490
L1 Dominette 02353
L1 Dominette 07512
30% inbred
L1 Domino 02336
L1 Dominette 04379
L1 Dominette 00555

CE_d	4
BW	1.2
WW	39
YW	64
MM	14
CE_m	-0.3
SC	0.7
Fat	0.043
REA	0.07
IMF	0.08
$BMI	$17
$CEZ	$18
$BII	$16
$CHB	$16

	BW	WW	YW	SC
Own	78	576	887	36.3

Progeny of Dam:	Exposed 4	Calved 3	Weaned 3
Pigment of calf:	SC 75%	L. eye 50%	R. eye 60%

L1 Domino 02382
L1 Domino 04457
L1 Dominette 02339
L1 Domino 07467
L1 Domino 98291
L1 Dominette 00523
L1 Dominette 98280

L1 Domino 10485
DOB 3/22/2010
30% inbred
L1 Domino 02347
L1 Domino 04380
L1 Dominette 00532
L1 Dominette 06470
30% inbred
L1 Domino 02492
L1 Dominette 04474
L1 Dominette 02406

CE_d	-0.8
BW	5.8
WW	51
YW	98
MM	16
CE_m	-2.3
SC	0.9
Fat	0.036
REA	0.1
IMF	0.01
$BMI	$14
$CEZ	$12
$BII	$13
$CHB	$21

	BW	WW	YW	SC
Own	98	605	1010	41.5

Progeny of Dam:	Exposed 5	Calved 4	Weaned 4
Pigment of calf:	SC 80%	L. eye 30%	R. eye 90%

Out of a Dam of Distinction!

L1 Domino 10494

L1 Domino 03490
L1 Domino 05496
L1 Dominette 99455
L1 Domino 07514
L1 Domino 00499
L1 Dominette 02439
L1 Dominette 00463

L1 Domino 10486
DOB 3/22/2010 L1 Domino 93452
29% inbred L1 Domino 96871
L1 Dominette 880467
L1 Dominette 99429
28% inbred L1 Domino 840110
L1 Dominette 880089
L1 Dominette 830593

CE_d	-1.8
BW	2.1
WW	40
YW	64
MM	12
CE_m	1.1
SC	0.3
Fat	-0.001
REA	0.2
IMF	-0.03
$BMI	$12
$CEZ	$12
$BII	$12
$CHB	$16

	BW	WW	YW	SC
Own	88	576	955	35

Progeny of Dam:	Exposed 12	Calved 11	Weaned 11
Pigment of calf:	SC 5%	L. eye 10%	R. eye 0%

L1 Domino 02382
L1 Domino 04457
L1 Dominette 02339
L1 Domino 07467
L1 Domino 98281
L1 Dominette 00523
L1 Dominette 98280

L1 Domino 10491
DOB 3/25/2010 L1 Domino 97349
30% inbred L1 Domino 99496
L1 Dominette 95369
L1 Dominette 02407
30% inbred L1 Domino 93507
L1 Dominette 95452
L1 Dominette 920424

CE_d	0.7
BW	4.9
WW	48
YW	86
MM	15
CE_m	-0.2
SC	0.9
Fat	0.035
REA	0.23
IMF	0.08
$BMI	$17
$CEZ	$14
$BII	$16
$CHB	$21

	BW	WW	YW	SC
Own	102	573	990	38.8

Progeny of Dam:	Exposed 9	Calved 8	Weaned 8
Pigment of calf:	SC 40%	L. eye 20%	R. eye 100%

L1 Domino 03564
L1 Domino 05516
L1 Dominette 02377
L1 Domino 07407
L1 Domino 99513
L1 Dominette 02428
L1 Dominette 99480

L1 Domino 10494
DOB 3/26/2010 L1 Domino 97363
30% inbred L1 Domino 00552
L1 Dominette 95365
L1 Dominette 03483
31% inbred L1 Domino 97329
L1 Dominette 00550
L1 Dominette 98292

CE_d	0.5
BW	4.3
WW	39
YW	69
MM	14
CE_m	-3.6
SC	0.8
Fat	0.018
REA	0.07
IMF	0.22
$BMI	$18
$CEZ	$14
$BII	$18
$CHB	$20

	BW	WW	YW	SC
Own	96	532	913	36

Progeny of Dam:	Exposed 8	Calved 7	Weaned 5
Pigment of calf:	SC 5%	L. eye 60%	R. eye 60%

L1 Domino 10500

L1 Domino 03490
L1 Domino 05496
L1 Dominette 99455
L1 Domino 07514
L1 Domino 00499
L1 Dominette 02439
L1 Dominette 00463

L1 Domino 10500
DOB 3/29/2010
31% inbred

L1 Domino 01384
L1 Domino 03426
L1 Dominette 01373
L1 Dominette 06441
30% inbred
L1 Domino 98367
L1 Dominette 01424
L1 Dominette 99385

CE_d	-0.4
BW	1.1
WW	47
YW	71
MM	16
CE_m	0.8
SC	0.5
Fat	0.039
REA	0.27
IMF	-0.01
$BMI	$13
$CEZ	$13
$BII	$12
$CHB	$17

	BW	WW	YW	SC
Own	86	598	982	36

Progeny of Dam:	Exposed 5	Calved 4	Weaned 4
Pigment of calf:	SC 60%	L. eye 100%	R. eye 100%

Out of a Dam of Distinction!

L1 Domino 04457
L1 Domino 06474
L1 Dominette 99408
L1 Domino 08542
L1 Domino 99360
L1 Dominette 02352
L1 Dominette 99468

L1 Domino 10508
DOB 3/30/2010
29% inbred

L1 Domino 95344
L1 Domino 98367
L1 Dominette 920528
L1 Dominette 01433
28% inbred
L1 Domino 96855
L1 Dominette 99560
L1 Dominette 95360

CE_d	0.4
BW	4.1
WW	40
YW	67
MM	16
CE_m	0.5
SC	0.6
Fat	0.06
REA	-0.18
IMF	0.13
$BMI	$14
$CEZ	$14
$BII	$13
$CHB	$15

	BW	WW	YW	SC
Own	96	523	937	40

Progeny of Dam:	Exposed 9	Calved 8	Weaned 7
Pigment of calf:	SC 40%	L. eye 20%	R. eye 20%

Son of our 2010 high selling bull!

L1 Domino 10512

DOB 3/31/2010
32% inbred

L1 Domino 07505
- L1 Domino 04457
  - L1 Domino 02382
  - L1 Dominette 02339
- L1 Dominette 04494
  - L1 Domino 01475
  - L1 Dominette 02379

L1 Dominette 01492
32% inbred
- L1 Domino 94446
  - L1 Domino 97363
  - L1 Dominette 95443
- L1 Dominette 97347
  - L1 Dominette 910365

CE_d	2.4
BW	2.7
WW	41
YW	67
MM	15
CE_m	-2.6
SC	1.1
Fat	0.03
REA	0.04
IMF	0.07
$BMI	$19
$CEZ	$16
$BII	$20
$CHB	$17

	BW	WW	YW	SC
Own	88	539	951	34.5

Progeny of Dam:	Exposed 10	Calved 9	Weaned 9
Pigment of calf:	SC 70%	L. eye 50%	R. eye 60%

L1 Domino 10528

L1 Domino 10528

DOB 4/5/2010
31% inbred

L1 Domino 07505
- L1 Domino 04457
  - L1 Domino 02382
  - L1 Dominette 02339
- L1 Dominette 04494
  - L1 Domino 01475
  - L1 Dominette 02379

L1 Dominette 06530
32% inbred
- L1 Domino 98300
  - L1 Domino 01460
  - L1 Dominette 99420
- L1 Dominette 01502
  - L1 Dominette 98279

CE_d	-0.6
BW	4.2
WW	49
YW	79
MM	17
CE_m	-2.8
SC	0.8
Fat	0.051
REA	0.08
IMF	0.28
$BMI	$17
$CEZ	$13
$BII	$16
$CHB	$23

	BW	WW	YW	SC
Own	94	533	972	36

Progeny of Dam:	Exposed 5	Calved 4	Weaned 4
Pigment of calf:	SC 75%	L. eye 0%	R. eye 20%

L1 Domino 03564
L1 Domino 05516
L1 Dominette 02377
L1 Domino 07407
L1 Domino 99513
L1 Dominette 02428
L1 Dominette 99480

L1 Domino 10535
DOB 4/9/2010
31% inbred

L1 Domino 96961
L1 Domino 99360
L1 Dominette 95348
L1 Dominette 02352
29% inbred
L1 Domino 97315
L1 Dominette 99468
L1 Dominette 96893

CE_d	0.3
BW	5
WW	42
YW	74
MM	16
CE_m	-2.8
SC	0.7
Fat	0.016
REA	0.19
IMF	0.16
$BMI	$16
$CEZ	$13
$BII	$16
$CHB	$21

	BW	WW	YW	SC
Own	102	525	918	32

Progeny of Dam:	Exposed 8	Calved 7	Weaned 7
Pigment of calf:	SC 0%	L. eye 20%	R. eye 50%

L1 Domino 10535

L1 Domino 04457
L1 Domino 06474
L1 Dominette 99408
L1 Domino 08542
L1 Domino 99360
L1 Dominette 02352
L1 Dominette 99468

L1 Domino 10539
DOB 4/11/2010
30% inbred

L1 Domino 00489
L1 Domino 03442
L1 Dominette 99410
L1 Dominette 05562
29% inbred
L1 Domino 01384
L1 Dominette 03375
L1 Dominette 95339

CE_d	1.1
BW	2.9
WW	41
YW	76
MM	15
CE_m	-0.5
SC	0.8
Fat	0.04
REA	0.05
IMF	0.14
$BMI	$17
$CEZ	$15
$BII	$16
$CHB	$18

	BW	WW	YW	SC
Own	88	515	911	40

Progeny of Dam:	Exposed 6	Calved 5	Weaned 5
Pigment of calf:	SC 75%	L. eye 0%	R. eye 0%

L1 Domino 10543

L1 Domino 10543
DOB 4/14/2010
32% inbred

L1 Domino 02382
L1 Domino 04457
L1 Dominette 02339
L1 Domino 07467
L1 Domino 98281
L1 Dominette 00523
L1 Dominette 98280
L1 Domino 97363
L1 Domino 99402
L1 Dominette 95443
L1 Dominette 02413
29% inbred
L1 Domino 94325
L1 Dominette 96863
L1 Dominette 910367

CE_d	3.2
BW	3.5
WW	32
YW	82
MM	11
CE_m	-1.8
SC	0.8
Fat	0.023
REA	0.05
IMF	0
$BMI	$15
$CEZ	$16
$BII	$15
$CHB	$15

	BW	WW	YW	SC
Own	92	537	898	39.8

Progeny of Dam:	Exposed 9	Calved 8	Weaned 8
Pigment of calf:	SC 40%	L. eye 10%	R. eye 20%

L1 Domino 10556
DOB 4/21/2010
31% inbred

L1 Domino 04457
L1 Domino 06474
L1 Dominette 99408
L1 Domino 08542
L1 Domino 99360
L1 Dominette 02352
L1 Dominette 99468
L1 Domino 01475
L1 Domino 04490
L1 Dominette 02353
L1 Dominette 07452
29% inbred
L1 Domino 99300
L1 Dominette 01395
L1 Dominette 94427

CE_d	1.3
BW	2.6
WW	41
YW	73
MM	17
CE_m	-0.4
SC	0.9
Fat	0.051
REA	0.12
IMF	0.3
$BMI	$19
$CEZ	$16
$BII	$18
$CHB	$21

	BW	WW	YW	SC
Own	88	472	867	35

Progeny of Dam:	Exposed 4	Calved 3	Weaned 3
Pigment of calf:	SC 30%	L. eye 0%	R. eye 90%

L1 Domino 10568

L1 Domino 10564
DOB 4/28/2010
31% inbred

L1 Domino 03447
L1 Domino 05469
L1 Dominette 03540
L1 Domino 08489
L1 Domino 99513
L1 Dominette 02428
L1 Dominette 99480
L1 Domino 03564
L1 Domino 05516
L1 Dominette 02377
L1 Dominette 08438
30% inbred
L1 Domino 00546
L1 Dominette 02419
L1 Dominette 95382

CE_d	-0.8
BW	3.8
WW	42
YW	79
MM	15
CE_m	-2.5
SC	0.7
Fat	0.071
REA	0.16
IMF	0.46
$BMI	$18
$CEZ	$13
$BII	$17
$CHB	$24

	BW	WW	YW	SC
Own	90	424	866	34.3

Progeny of Dam:	Exposed 3	Calved 2	Weaned 2
Pigment of calf:	SC 85%	L. eye 60%	R. eye 100%

L1 Domino 10565
DOB 4/28/2010
30% inbred

L1 Domino 02382
L1 Domino 04457
L1 Dominette 02339
L1 Domino 07505
L1 Domino 01475
L1 Dominette 04494
L1 Dominette 02379
L1 Domino 95344
L1 Domino 98367
L1 Dominette 920528
L1 Dominette 00555
28% inbred
L1 Domino 95439
L1 Dominette 98345
L1 Dominette 95320

CE_d	1.7
BW	3
WW	39
YW	62
MM	16
CE_m	0.5
SC	0.9
Fat	0.031
REA	-0.1
IMF	0.1
$BMI	$18
$CEZ	$16
$BII	$18
$CHB	$16

	BW	WW	YW	SC
Own	92	486	841	35

Progeny of Dam:	Exposed 10	Calved 10	Weaned 7
Pigment of calf:	SC 80%	L. eye 70%	R. eye 100%

L1 Domino 10568

DOB 4/29/2010
30% inbred

L1 Domino 08526
- L1 Domino 05505
  - L1 Domino 02336
  - L1 Dominette 02406
- L1 Dominette 06437
  - L1 Domino 04380
  - L1 Dominette 02413

L1 Dominette 05549
30% inbred
- L1 Domino 02349
  - L1 Domino 99496
  - L1 Dominette 95334
- L1 Dominette 01367
  - L1 Domino 98300
  - L1 Dominette 920481

CE_d	3.1
BW	1.6
WW	40
YW	76
MM	14
CE_m	-1.3
SC	0.6
Fat	0.043
REA	0.17
IMF	0.07
$BMI	$15
$CEZ	$16
$BII	$13
$CHB	$18

	BW	WW	YW	SC
Own	86	478	866	36.8

Progeny of Dam:	Exposed 6	Calved 5	Weaned 4
Pigment of calf:	SC 90%	L. eye 0%	R. eye 10%

L1 Domino 10569

L1 Domino 10569

DOB 4/29/2010
30% inbred

L1 Domino 08489
- L1 Domino 05469
  - L1 Domino 03447
  - L1 Dominette 03540
- L1 Dominette 02428
  - L1 Domino 99513
  - L1 Dominette 99480

L1 Dominette 08486
30% inbred
- L1 Domino 06453
  - L1 Domino 03541
  - L1 Dominette 04376
- L1 Dominette 06423
  - L1 Domino 04380
  - L1 Dominette 01373

CE_d	-1.8
BW	2.7
WW	37
YW	73
MM	14
CE_m	-1.8
SC	0.8
Fat	0.07
REA	-0.09
IMF	0.32
$BMI	$16
$CEZ	$12
$BII	$17
$CHB	$17

	BW	WW	YW	SC
Own	84	381	822	33.3

Progeny of Dam:	Exposed 3	Calved 2	Weaned 2
Pigment of calf:	SC 60%	L. eye 80%	R. eye 40%

L1 Domino 02382
L1 Domino 04457
L1 Dominette 02339
L1 Domino 07505
L1 Domino 01475
L1 Dominette 04494
L1 Dominette 02379

L1 Domino 10570
DOB 5/1/2010
31% inbred

L1 Domino 96961
L1 Domino 99360
L1 Dominette 95348
L1 Dominette 01398
32% inbred
L1 Domino 96868
L1 Dominette 99478
L1 Dominette 910298

CE_d	0.3
BW	4.3
WW	46
YW	69
MM	13
CE_m	-1.7
SC	0.8
Fat	0.022
REA	0.21
IMF	0.12
$BMI	$18
$CEZ	$14
$BII	$18
$CHB	$21

	BW	WW	YW	SC
Own	100	469	791	32.5

Progeny of Dam:	Exposed 9	Calved 8	Weaned 8
Pigment of calf:	SC 45%	L. eye 40%	R. eye 50%

L1 Domino 10570

L1 Domino 02336
L1 Domino 05505
L1 Dominette 02406
L1 Domino 08526
L1 Domino 04380
L1 Dominette 06437
L1 Dominette 02413

L1 Domino 10571
DOB 5/1/2010
31% inbred

L1 Domino 01475
L1 Domino 04490
L1 Dominette 02353
L1 Dominette 07500
30% inbred
L1 Domino 99360
L1 Dominette 02377
L1 Dominette 95449

CE_d	3.3
BW	2.2
WW	41
YW	82
MM	13
CE_m	-0.6
SC	0.7
Fat	0.043
REA	0.2
IMF	0.18
$BMI	$17
$CEZ	$17
$BII	$16
$CHB	$21

	BW	WW	YW	SC
Own	86	432	846	36.3

Progeny of Dam:	Exposed 4	Calved 3	Weaned 2
Pigment of calf:	SC 85%	L. eye 0%	R. eye 100%

L1 Domino 03564
L1 Domino 05516
L1 Dominette 02377
L1 Domino 07407
L1 Domino 99513
L1 Dominette 02428
L1 Dominette 99480

L1 Domino 10574
DOB 5/2/2010
29% inbred

L1 Domino 95439
L1 Domino 98300
L1 Dominette 95491
L1 Dominette 01450
31% inbred
L1 Domino 96988
L1 Dominette 99539
L1 Dominette 95382

CE_d	0.7
BW	3.3
WW	35
YW	77
MM	15
CE_m	-1.5
SC	0.8
Fat	0.027
REA	0.14
IMF	0.22
$BMI	$17
$CEZ	$14
$BII	$17
$CHB	$19

	BW	WW	YW	SC
Own	92	439	881	36.5

Progeny of Dam:	Exposed 9	Calved 8	Weaned 8
Pigment of calf:	SC 65%	L. eye 0%	R. eye 10%

L1 Domino 03490
L1 Domino 05496
L1 Dominette 99455
L1 Domino 07514
L1 Domino 00499
L1 Dominette 02439
L1 Dominette 00463

L1 Domino 10583
DOB 5/10/2010
32% inbred

L1 Domino 02382
L1 Domino 04457
L1 Dominette 02339
L1 Dominette 06570
31% inbred
L1 Domino 02492
L1 Dominette 04528
L1 Dominette 02351

CE_d	1.7
BW	-1.1
WW	32
YW	59
MM	14
CE_m	1.5
SC	0.9
Fat	0.025
REA	0.12
IMF	0.14
$BMI	$20
$CEZ	$17
$BII	$20
$CHB	$15

	BW	WW	YW	SC
Own	76	419	767	34.8

Progeny of Dam:	Exposed 4	Calved 3	Weaned 2
Pigment of calf:	SC 75%	L. eye 80%	R. eye 0%

- NOTES -

Open Cows - These cows are ready to go to work! You can breed them now for early calves or fit them in with the rest of your herd. Each of these cows is guaranteed sound in every way!

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L1 Dominette 02377

L1 Domino 93552
L1 Domino 96961
L1 Dominette 93451
L1 Domino 99360
L1 Domino 920448
L1 Dominette 95348
L1 Dominette 920484

L1 Dominette 02377

DOB 3/27/2002 L1 Domino 890029
30% inbred L1 Domino 920501
L1 Dominette 850206
L1 Dominette 95449
27% inbred L1 Domino 880412
L1 Dominette 900329
L1 Dominette 850195

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
4.0	42	69	17	0.6	0.16	0.3
Exposed 9	Calved 7	Weaned 7				

L1 Domino 98300
L1 Domino 01384
L1 Dominette 99374
L1 Domino 03426
L1 Domino 99371
L1 Dominette 01373
L1 Dominette 96908

L1 Dominette 06441

DOB 3/22/2006 L1 Domino 95344
30% inbred L1 Domino 98367
L1 Dominette 920528
L1 Dominette 01424
29% inbred L1 Domino 96868
L1 Dominette 99385
L1 Dominette 97316

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
0.3	42	63	19	0.4	0.17	0.04
Exposed 5	Calved 4	Weaned 4				

Out of a Dam of Distinction!

L1 Domino 00546
L1 Domino 02347
L1 Dominette 97365
L1 Domino 04380
L1 Domino 98324
L1 Dominette 00532
L1 Dominette 94399

L1 Dominette 06470

DOB 3/27/2006 L1 Domino 00489
30% inbred L1 Domino 02492
L1 Dominette 94432
L1 Dominette 04474
31% inbred L1 Domino 99513
L1 Dominette 02406
L1 Dominette 97312

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
5.0	48	94	19	0.9	-0.11	0.13
Exposed 5	Calved 4	Weaned 4				

L1 Domino 97329
L1 Domino 00478
L1 Dominette 96911
L1 Domino 03541
L1 Domino 97315
L1 Dominette 99537
L1 Dominette 95418

L1 Dominette 06558

DOB 4/19/2006 L1 Domino 96961
30% inbred L1 Domino 99360
L1 Dominette 95348
L1 Dominette 02386
29% inbred L1 Domino 95430
L1 Dominette 98339
L1 Dominette 93499

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
4.0	36	70	11	0.8	0.02	0.21
Exposed 5	Calved 4	Weaned 3				

Out of a Dam of Distinction!

L1 Dominette 06558

L1 Domino 00546
L1 Domino 02347
L1 Dominette 97365
L1 Domino 04570
L1 Domino 96855
L1 Dominette 99410
L1 Dominette 920521

L1 Dominette 07445

DOB 3/29/2007 L1 Domino 00489
30% inbred L1 Domino 02492
L1 Dominette 94432
L1 Dominette 04467
30% inbred L1 Domino 98300
L1 Dominette 01395
L1 Dominette 94427

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
3.1	45	73	21	1.3	-0.08	0.46
Exposed 4	Calved 3	Weaned 3				

L1 Domino 00546
L1 Domino 02347
L1 Dominette 97365
L1 Domino 04380
L1 Domino 98324
L1 Dominette 00532
L1 Dominette 94399

L1 Dominette 07461

DOB 4/1/2007 L1 Domino 95344
29% inbred L1 Domino 98281
L1 Dominette 95413
L1 Dominette 00437
29% inbred L1 Domino 93552
L1 Dominette 96895
L1 Dominette 920447

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
0.3	29	49	11	0.5	-0.29	0.2
Exposed 4	Calved 3	Weaned 3				

L1 Dominette 08496

L1 Dominette 07445

L1 Domino 00499
L1 Domino 02336
L1 Dominette 95443
L1 Domino 05505
L1 Domino 99513
L1 Dominette 02406
L1 Dominette 97312

L1 Dominette 08430

DOB 3/16/2008 L1 Domino 01384
31% inbred L1 Domino 03426
L1 Dominette 01373
L1 Dominette 06427
30% inbred L1 Domino 01362
L1 Dominette 03552
L1 Dominette 96863

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
7.1	53	102	11	0.6	0.1	0.17
Exposed 3	Calved 2	Weaned 2				

L1 Domino 01384
L1 Domino 03426
L1 Dominette 01373
L1 Domino 05426
L1 Domino 99496
L1 Dominette 02407
L1 Dominette 95452

L1 Dominette 08496

DOB 4/3/2008 L1 Domino 97363
30% inbred L1 Domino 99402
L1 Dominette 95443
L1 Dominette 02455
30% inbred L1 Domino 97329
L1 Dominette 00471
L1 Dominette 98298

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
3.1	36	63	16	0.8	-0.17	0.07
Exposed 3	Calved 2	Weaned 2				

L1 Domino 02492
L1 Domino 04434
L1 Dominette 97325
L1 Domino 06557
L1 Domino 01347
L1 Dominette 03586
L1 Dominette 00425

L1 Dominette 09479

DOB 3/22/2009 L1 Domino 93546
29% inbred L1 Domino 96855
L1 Dominette 910113
L1 Dominette 99410
28% inbred L1 Domino 890262
L1 Dominette 920521
L1 Dominette 870216

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
4	35	68	16	0.6	-0.12	0.07
Exposed 2	Calved 1	Weaned 1				

Out of a Dam of Distinction!

L1 Dominette 09495

L1 Domino 02382
L1 Domino 04457
L1 Dominette 02339
L1 Domino 07505
L1 Domino 01475
L1 Dominette 04494
L1 Dominette 02379

L1 Dominette 09495

DOB 3/29/2009 L1 Domino 03490
30% inbred L1 Domino 05496
L1 Dominette 99455
L1 Dominette 07494
30% inbred L1 Domino 01354
L1 Dominette 04539
L1 Dominette 00479

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
5.1	44	75	13	1.1	-0.03	0.14
Exposed 2	Calved 1	Weaned 1				

L1 Dominette 09514

L1 Domino 02347
L1 Domino 04380
L1 Dominette 00532
L1 Domino 06509
L1 Domino 99402
L1 Dominette 02339
L1 Dominette 00561

L1 Dominette 09514

DOB 4/3/2009 L1 Domino 94325
30% inbred L1 Domino 97315
L1 Dominette 910367
L1 Dominette 99515
29% inbred L1 Domino 900383
L1 Dominette 93560
L1 Dominette 890313

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
3.1	32	60	12	0.6	-0.2	0.03
Exposed 2	Calved 1	Weaned 1				

2011 Replacement Heifers

L1 Domino 02336
L1 Domino 05505
L1 Dominette 02406
L1 Domino 08526
L1 Domino 04380
L1 Dominette 06437
L1 Dominette 02413

L1 Dominette 11513

DOB 3/23/2011 L1 Domino 01460
30% inbred L1 Domino 03490
L1 Dominette 99420
L1 Dominette 06512
29% inbred L1 Domino 94446
L1 Dominette 97347
L1 Dominette 910365

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
4.6	49	84	16	0.7	0.01	0.12
Progeny of Dam:	Exposed 5		Calved 4		Weaned 4	

L1 Domino 02336
L1 Domino 05505
L1 Dominette 02406
L1 Domino 08526
L1 Domino 04380
L1 Dominette 06437
L1 Dominette 02413

L1 Dominette 11523

DOB 3/26/2011 L1 Domino 02347
32% inbred L1 Domino 04570
L1 Dominette 99410
L1 Dominette 07446
29% inbred L1 Domino 99513
L1 Dominette 02435
L1 Dominette 910415

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
2.4	35	73	10	0.7	-0.08	0.14
Progeny of Dam:	Exposed 4		Calved 3		Weaned 3	

L1 Dominette 11523

L1 Domino 02336
L1 Domino 05505
L1 Dominette 02406
L1 Domino 08526
L1 Domino 04380
L1 Dominette 06437
L1 Dominette 02413

L1 Dominette 11533

DOB 3/29/2011 L1 Domino 03447
31% inbred L1 Domino 06575
L1 Dominette 99410
L1 Dominette 08591
29% inbred L1 Domino 02347
L1 Dominette 05432
L1 Dominette 00515

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
1.3	30	65	10	0.7	-0.15	0.12
Progeny of Dam:	Exposed 3		Calved 2		Weaned 2	

L1 Dominette 11537

L1 Domino 02336
L1 Domino 05505
L1 Dominette 02406
L1 Domino 08526
L1 Domino 04380
L1 Dominette 06437
L1 Dominette 02413

L1 Dominette 11537

DOB 3/30/2011 L1 Domino 98281
31% inbred L1 Domino 01354
L1 Dominette 97342
L1 Dominette 04539
28% inbred L1 Domino 97349
L1 Dominette 00479
L1 Dominette 96880

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
3.3	39	76	12	0.9	-0.03	0.12
Progeny of Dam:	Exposed 7		Calved 6		Weaned 5	

L1 Domino 04434
L1 Domino 06557
L1 Dominette 03586
L1 Domino 09521
L1 Domino 04380
L1 Dominette 07461
L1 Dominette 00437

L1 Dominette 11547

DOB 4/2/2011 L1 Domino 04434
32% inbred L1 Domino 07431
L1 Dominette 04407
L1 Dominette 09583
30% inbred L1 Domino 03564
L1 Dominette 05518
L1 Dominette 03477

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
2.6	39	72	15	0.8	-0.12	0.21
Progeny of Dam:	Exposed 2		Calved 1		Weaned 1	

L1 Dominette 11548

L1 Domino 03426
L1 Domino 05426
L1 Dominette 02407
L1 Domino 08545
L1 Domino 98367
L1 Dominette 01341
L1 Dominette 97357

L1 Dominette 11548

DOB 4/2/2011 L1 Domino 00546
33% inbred L1 Domino 02347
L1 Dominette 97365
L1 Dominette 04560
31% inbred L1 Domino 98367
L1 Dominette 01428
L1 Dominette 98286

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
2.3	25	45	12	0.3	-0.21	0.17
Progeny of Dam:	Exposed 7		Calved 6		Weaned 5	

L1 Domino 03426
L1 Domino 05426
L1 Dominette 02407
L1 Domino 08545
L1 Domino 98367
L1 Dominette 01341
L1 Dominette 97357

L1 Dominette 11563

DOB 4/6/2011
30% inbred
L1 Domino 96868
L1 Domino 99513
L1 Dominette 910050
L1 Dominette 01481
28% inbred
L1 Domino 95344
L1 Dominette 98295
L1 Dominette 95446

AHA -TPR EPD						
BW	WW	YW	MM	SC	REA	MARB
3.5	35	63	12	0.2	-0.07	0.18
Progeny of Dam:	Exposed 10		Calved 9		Weaned 9	

- NOTES -

LINE 1 REFERENCE SIRES

Bull No	F_x	Sire	Dam	Birth Wt	Wean-ing wt	%	Year-ling Wt	%
78033	25	75809	72026	80	559	125	1009	115
78045	27	74503	76065	76	485	109	935	107
78318	26	73088	74822	84	518	116	1021	116
78325	25	75827	74395	76	499	112	977	111
78608	22	73088	75533	90	453	101	879	100
78639	22	74084	70714	98	493	110	943	107
79435	25	75809	77151	68	511	117	939	106
79476	25	77618	75893	101	498	114	983	111
79484	27	76744	73025	94	522	120	1026	116
80142	23	78045	78044	80	504	99	1025	104
80626	25	77426	77248	94	576	113	1142	116
80713	28	78318	78042	72	546	107	1102	112
80813	26	78325	78560	76	471	93	1023	104
80859	22	78325	74801	76	537	106	994	101
80878	24	78325	73025	78	556	109	1079	110
810052	23	78045	74834	80	563	107	944	100
810066	26	79476	78412	104	627	119	1129	120
810075	26	78045	77151	88	589	112	1014	108
810287	25	78639	76791	108	607	115	1005	107
810573	27	78033	78415	80	577	110	1049	111
810668	27	78639	77248	98	605	115	1055	112
820112	24	78033	74616	70	589	113	1077	113
820225	26	79484	78364	82	570	110	1038	109
820307	27	80713	76784	70	569	109	987	104
820603	24	80813	77047	84	565	109	1066	112
820608	27	78033	78357	72	639	123	1073	113
820673	29	80713	77083	88	594	114	1103	116
820683	24	79484	77248	90	629	121	1094	115
830184	27	80813	76711	77	553	116	987	116
830227	25	80878	78406	90	533	112	896	105
830297	24	80713	77524	89	565	119	960	112
830325	29	810066	810407	74	488	102	835	98
830517	30	80626	78412	101	547	115	944	111
830577	27	810573	80908	68	490	103	882	103
830582	29	810066	78424	74	482	111	880	103
830709	27	80813	78134	68	499	105	965	112
830722	27	80813	77616	82	562	118	920	108
830743	26	80142	75893	78	471	99	885	104
830745	30	80713	78364	102	512	108	902	106
840110	29	810066	80074	96	566	110	965	105
840136	27	810052	76711	76	542	105	977	107
840486	28	80878	76784	86	590	115	1063	116
840509	30	820225	78406	86	603	117	1011	110
840516	26	810052	79059	88	534	104	947	103
840615	25	810287	810515	90	615	120	1041	114
840657	25	80878	810407	110	573	111	1039	113
840662	27	810573	810270	82	531	103	979	107
840668	27	810066	810416	102	490	95	943	103
840768	24	810573	810225	80	536	104	1006	110
840795	28	810066	820070	92	535	104	913	100

Bull No	F_x	Sire	Dam	Birth Wt	Weaning Wt	%	Yearling Wt	%
850044	26	820603	78050	72	621	123	1117	120
850136	30	820683	78596	104	580	115	1060	114
850148	27	820673	78027	94	535	106	1003	108
850227	25	820603	820062	76	492	97	1012	109
850286	29	820683	830375	72	526	104	990	107
850335	34	810052	810225	80	538	107	969	104
850585	27	820225	820209	88	528	105	981	106
850636	31	830709	78605	80	576	114	983	106
860041	26	830577	820423	59	459	100	881	103
860046	28	830582	820070	86	548	120	959	112
860308	27	830184	78044	78	484	106	906	106
860321	29	830184	79676	82	494	108	896	105
860329	28	820673	840056	78	457	100	859	101
860336	32	820683	830443	100	533	116	980	115
860440	28	830517	820665	70	542	118	967	113
870130	26	830577	810186	88	595	104	1085	113
870135	27	840110	830785	102	588	103	1068	111
870253	34	830582	820676	80	599	104	1083	113
870274	28	850227	810141	90	554	97	1076	112
870351	27	830582	810407	112	695	121	1022	107
870424	25	850044	810270	80	569	99	960	100
870485	29	830577	840408	85	609	106	1015	106
870486	29	830582	840559	90	627	109	1023	107
870504	28	840662	78539	80	570	99	985	103
880006	35	850227	840711	78	435	95	1017	108
880118	28	840409	840248	88	500	109	1001	106
880122	35	840662	830087	86	524	114	1138	120
880171	29	840110	820070	76	563	122	1113	118
880243	32	860046	830443	108	530	116	1023	108
880253	33	840110	840412	90	502	109	1060	112
880412	25	850044	840488	78	451	96	968	102
880470	27	850227	78605	74	520	113	1070	113
890020*	27	870274	860378	72	519	109	993	107
890029	27	860046	850413	82	563	119	1051	114
890046	28	860445	810515	98	540	114	1030	111
890072	29	870274	870282	75	470	99	914	99
890173	28	870130	840317	68	457	96	900	97
890262	29	860041	850124	74	504	106	970	105
890302	26	860336	850138	97	556	117	1113	120
890325	30	860445	850011	101	565	119	1096	118
900098	27	870130	850092	72	486	102	990	109
900200	26	870130	850421	82	560	118	1034	114
900234	28	870253	840432	110	494	104	980	108
900289	32	870485	850100	82	500	105	965	106
900304	27	870486	830629	110	599	126	1115	123
900308	27	880122	880008	81	490	103	978	108
900383	28	880118	850244	94	602	127	1085	120
900401	31	880171	860107	95	612	129	1085	120
910026	30	880243	840412	88	580	120	1082	117
910038	27	890262	880502	65	442	91	910	98
910057	28	880253	880467	105	544	112	1070	116

Bull No.	F_x	Sire	Dam	Birth Wt.	Weaning Wt.	%	Yearling Wt.	%
910079	28	890302	850413	82	620	128	1151	124
910205	27	880412	880257	79	486	100	945	102
910218	29	890325	860107	90	704	145	1169	126
910382	27	880470	860448	76	575	119	1053	114
910402	27	880470	850281	68	519	107	951	103
920416	32	900304	890243	82	512	103	1009	104
920421	30	900304	870117	94	574	115	1053	109
920448	26	900200	850625	82	606	121	1135	117
920449	27	890302	880413	85	536	107	1005	104
920454	29	900234	850033	100	607	122	1153	119
920498	29	900098	880276	81	577	116	1032	106
920501	27	890029	850206	112	577	116	1101	114
920524	30	900098	880364	93	545	109	1023	106
920540	25	73186	78406	ET				
93502	31	900234	880413	90	546	103	1015	106
93552	30	900383	870505	100	620	117	1088	114
93452	28	910402	910365	70	572	108	1022	107
93469	30	900401	880493	96	601	113	1072	112
93507	28	910218	910034	88	694	131	1211	126
93515	28	910079	910017	86	611	115	1063	111
93546	30	900304	880152	96	625	118	1117	117
93567	30	900383	880392	78	549	104	973	102
93572	34	910026	860107	74	560	106	969	101
94325	31	910026	910186	86	589	129	1074	122
94446	27	910402	880467	92	561	122	1101	125
94458	30	920421	900411	78	554	121	1024	116
95344	27	920454	880276	92	531	117	1082	109
95430	27	920501	900391	90	478	105	1100	110
95439	31	93507	93451	93	577	127	1134	114
95465	28	920448	910298	89	510	112	1083	109
96855	28	93546	910113	98	494	106	1081	110
96868	26	93452	890218	94	532	114	1121	114
96871	27	93452	880467	96	524	112	1089	110
96882	28	94458	94364	88	500	107	1045	106
96961	30	93552	93451	115	593	127	1241	126
96988	32	94325	93506	82	460	99	958	97
97315	27	94325	910367	99	495	116	953	110
97322	27	94446	93430	93	445	105	925	107
97329	29	94325	95320	79	475	112	933	108
97349	30	95430	93451	85	466	110	1045	121
97363	28	94446	95334	98	536	126	1018	118
98273	29	890029	96911	93	501	115	1053	118
98281	28	95344	95413	73	476	109	1047	117
98300	31	95439	95491	84	469	107	1002	112
98324	29	95430	93426	91	444	102	1028	115
98361	30	95469	95369	100	549	126	1122	126
98364	29	96868	920469	88	500	115	958	107
98367	27	95344	920528	82	462	106	977	109
98377	31	95465	93438	98	463	106	1013	113
99360	30	96961	95348	105	610	133	1182	127
99371	31	96961	94339	74	538	118	1080	116

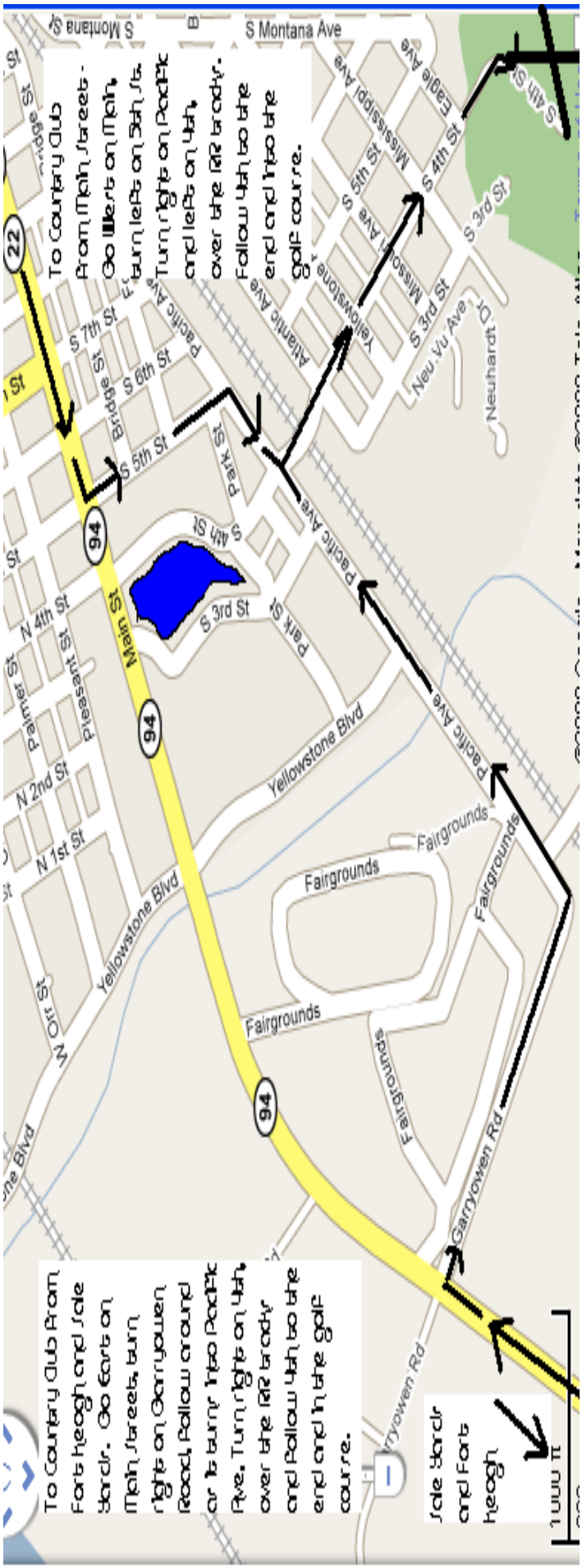
Bull No.	F_x	Sire	Dam	Birth Wt	Weaning Wt	%	Yearling Wt	%
99375	31	96882	96932	93	497	109	1007	108
99402	30	97363	95443	94	535	117	1094	118
99428	29	97329	95491	86	540	118	1020	110
99441	29	97363	95469	99	533	117	1079	116
99496	30	97349	95369	78	571	125	1130	122
99513	28	96868	910050	86	506	111	1073	115
00478	28	97329	96911	83	488	114	1100	109
00489	30	98364	95369	76	494	116	1097	109
00499	29	97349	95491	90	425	99	1092	108
00525	30	98273	94324	78	443	104	1107	110
00546	30	98300	97377	94	541	127	1127	112
00549	34	98318	97333	94	540	127	1145	113
00552	29	97363	95365	98	477	112	1127	111
01347	29	99428	96893	92	519	111	1009	106
01354	28	98281	97342	86	491	105	1074	113
01362	29	98324	99455	89	560	120	1077	113
01384	31	98300	99374	81	498	107	1081	114
01418	27	98367	98299	75	497	106	1063	112
01460	31	99371	98354	71	499	107	1004	105
01475	29	99513	98342	73	533	114	1081	114
02336	32	00499	95443	102	514	112	990	119
02347	30	00546	97365	88	531	116	978	118
02349	29	99496	95334	90	515	112	948	114
02382	31	99428	00466	90	483	105	922	111
02398	32	99496	98345	83	516		891	
02423	30	00525	00527	90	550	120	920	111
02492	29	00489	94432	98	533	116	931	112
03426	31	01384	01373	93	646	128	1087	111
03447	31	01362	01420	99	665	131	1033	105
03473	29	01418	95435	94	570	113	991	101
03490	31	01460	99420	91	609	120	1046	106
03541	31	00478	99537	87	557	110	997	102
03564	31	01354	96845	82	565	112	997	102
03571	30	01384	00532	101	576		1051	
04380	31	02347	00532	92	624	116	1169	118
04434	32	02492	97325	84	553	102	1035	110
04457	31	02382	02339	86	604	112	1064	108
04490	29	01475	02353	64	613	114	1065	108
04570	28	02347	99410	84	635	118	1088	110
05426	30	03426	02407	111	580	106	1090	112
05444	30	02423	01510	83	573	105	1047	108
05469	31	03447	03540	82	716	131	1158	119
05496	30	03490	99455	90	612	112	1040	107
05505	29	02336	02406	77	535	98	1062	109
05516	28	03564	02377	83	644	118	1108	114
06453	30	03541	04376	88	487	106	976	112
06472	29	03473	00532	88	508	111	939	109
06474	30	04457	99408	82	522	114	957	111
06509	31	04380	02339*	95	653	120	1064	123
06557	29	04434	03586	91	505	110	965	111
06575	28	03447	99410*	88	502	110	950	110

Bull No.	F_x	Sire	Dam	Birth Wt.	Weaning Wt.	%	Yearling Wt.	%
07407	30	05516	02428	96	556	111	1130	115
07431	31	04434	04407	83	510	102	1071	109
07467	30	04457	00523	94	557	111	1113	113
07505	29	04457	04494	89	543	109	1095	111
07514	31	05496	02439	84	610	122	1110	113
07520	29	04490	00477	96	586	117	1043	106
08489	29	05469	02428	88	609	112	1158	109
08526	32	05505	06437	102	640	117	1240	116
08542	31	06474	02352	94	605	111	1135	107
08545	30	05426	01341	86	562	103	1120	105
08554	30	05516	02439	98	625	115	1209	114
08590	30	06509	03574	78	566	104	1145	108
09500	29	06472	02428	90	623		1152	
09501	30	07431	03460	94	624		1091	
09521	30	06557	07461	78	511		1020	
09533	30	07514	02339	100	542		1079	
09643E	30	03571	02352	98	459		946	
09652E	32	97349	00477	96	550		984	
10454	31	02398	08430	84	501		1016	
10476	30	07505	07415	86	593		1005	
10515	32	07467	06562	84	493		978	
10516	32	08542	02439	98	563		1003	

See our webpage for a sire summary going all the way back to 1934.

www.ars.usda.gov/main/docs.htm?docid=3087

- NOTES -


To Country Club From Fort Haugh and Sale Yard: Go East on Main Street, turn right on Garryowen Road, Follow around or to turn into Pacific Ave. Turn right on Utah, over the RR bridge and Follow Utah to the end and in the golf course.
To Country Club From Main Street - Go West on Main, turn lefts on 5th St. Turn right on Pacific and lefts on Utah, over the RR bridge. Follow Utah to the end and into the golf course.
Sale Yard: and Fort Haugh
Main St
Pacific Ave
Yellowstone Blvd
Fairgrounds
Garryowen Rd
S Montana Ave
S 4th St
S 3rd St
S 5th St
S 6th St
S 7th St
N 4th St
N 2nd St
N 1st St
N Ort St
Pleasant St
Palmer St
Bridge St
Park St
Atlantic Ave
Yellowstone Ave
Missouri Ave
Mississippi Ave
Eagle Ave
Neu Vu Ave
Neuhardt Dr
22
94

- NOTES -

USDA-ARS FORT KEOGH
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243 FORT KEOGH ROAD
MILES CITY MT 59301-4016

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«F9»