



McDonald Farms

16th Annual *Pick of the Pen* Bull Sale

Saturday, April 6, 2019 • 1:00 PM
MCDONALD FARMS, BLACKSBURG, VIRGINIA

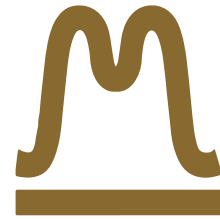


SINCE 1763

Our cows work for us, so our bulls will work for you.

Welcome to the sale...

McDonald Farms
2070 Walnut Springs Rd.
Blacksburg, VA 24060
info@mcdonaldsfarms.com
www.McDonaldFarms.com
540-552-2520 • 540-230-6225 (c)



On behalf of everyone at McDonald Farms I would again like to welcome you to our 16th Annual "Pick of the Pen" Bull Sale. This year has seen record weather events and especially in the amount of rain and MUD. I appreciate that other areas of the country have also had their challenges and pray that all are able to see their way through to better days.

The Bulls have developed well under these trying conditions and are Ready to Go to Work For You. Take a few minutes to study the information on these Stout, Rugged Bulls. They have been performance tested, DNA tested, Tested for negative BVD-PI, Breeding Soundness Examined, and Semen tested. They have been evaluated for calm dispositions as well. There are several Out-cross pedigreed Bulls in this offering as well as some time proven genetics. Buy with confidence.

Again we are providing free delivery up to 150 miles, prorated after that. We will keep the Bulls free of charge until May 15th. You still own them and we recommend that you get insurance on them if you so desire. We recommend Jame Krieger at 812-208-0956 for your Livestock Insurance needs. We also have volume and Pick-up discounts and allow neighbors to go together to take advantage of these discounts. Our opening bid prices will be \$2000 – Good, \$2750 – Better and \$3500 – Best.

On behalf of my Family we would like thank everyone who has made this Bull sale possible. We couldn't do it without you.

Feel free to contact me at 540-230-6225, my mother Martha 540-552-2520 or William (Woody) Saville at 540-239-2257 with any questions you may have.

The Bulls will be on display at 10:00 am, a complimentary Beef lunch with Bluegrass music at 12:00 pm and the Sale will start 1:00 pm eastern time. Come and enjoy our "Down Home Hospitality."

See You April 6th,
Bill McDonald

WE ARE IN THE PERFORMANCE ADVOCATE AND THE WITH THE ASA. WE ARE ALSO MEMBERS OF AGR.



*Performance Advocates submit complete data on all calves
Performance Advocates are recognized annually in the Register
Performance Advocates gain the privilege of using the Performance Advocate logo*

ASA Performance



Whether you are a seedstock or commercial producer, ASA has a THE option that will fit your objectives and budget. ASA's THE dam inventory program has three different enrollment options available, making it easier than ever to find the best fit for your herd. By choosing one of the THE options, you will become part of the world's largest multi-breed genetic evaluation and database.



Allied Genetic Resources (Allied) was created to help you market your cattle more effectively, and thus have the greatest opportunity to achieve the goals for your operation. You are producing the right product, in the right way and you should be rewarded for that with more profits and more opportunities. We are excited about the opportunity to leverage the strength, size and scope of this group to provide improved marketing outlets for your cattle.

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MCDONALD FARMS, BLACKSBURG, VIRGINIA

PHONE NUMBERS

Farm 540-552-2520
Bill 540-230-6225

SCHEDULE OF EVENTS

April 6, 2019
10:00 AM Bulls on Display
12:00 PM Complimentary Beef Lunch
1:00 PM Sale Starts

TELEAUCTION PHONE BIDDING

Call Bill prior to sale to get a bidder number and telephone number to call Sale Day.

VOLUME & PICKUP DISCOUNTS

Individuals or Neighbors can receive a \$50 discount for buying 2 or more bulls and receiving the bulls at the same time and/or \$50 discount for hauling their own bulls.

SALE REPRESENTATIVES

Leoma Wells 559-696-4941
Allied Genetic Resources
Chris Davis 502-827-1233
American Simmental Association

LIVESTOCK INSURANCE

Jame Krieger 812-208-0956

HERD HEALTH

Herd Veterinarian -
Dr. Jason R. Wall, DVM 540-921-1991
BOLD SPRING VET SERVICE
Dr. John Currin, Virginia/Maryland School of Veterinary Science,
Virginia Tech.
Ultrasound Technician -
Dr. Andy Meadows, SPRINGWOOD LIVESTOCK MANAGEMENT

The entire herd is on a complete vaccination program for 7-way clostridium, IBR-BVD-BRSV-PI3, Hamophilus Somnuns, Pasturella, Leptospirosis and Vibriosis. All females are calfhood vaccinated for brucellosis. All animals are treated twice annually with dewormer pour-on. Every bull has passed a breeding soundness exam and semen test. All bulls tested BVD PI free.

All Bulls are AM & NH free by pedigree or DNA test.

All Simmental and SimAngus™ bulls are homozygous black and homozygous polled. Several years ago we tested all our cows and have tested all subsequent offspring until we have only homozygous black females and use only homozygous black sires.

SEMEN INTEREST

McDonald Farms will retain 1/2 interest in the semen rights including revenue sharing on all bulls. This in actuality will effect very few bulls. If need be, we will collect bulls at our expense and the buyers convenience. The Buyer has 100% possession and 100% salvage value.

LIABILITY

Owners, their agents, or anyone associated with the conduction of this sale will not be held responsible for any personal injury, loss, or accident while traveling to or from or while attending this sale.

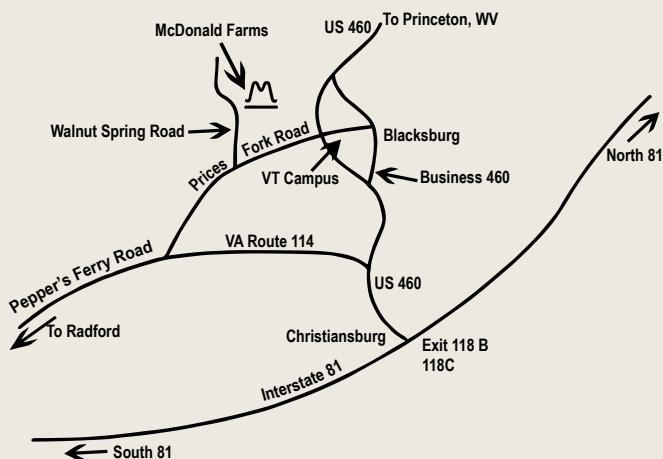
REGISTRATION CERTIFICATES

Registration certificates on all registered cattle will be transferred to the buyer at no additional expense to the buyer. Remember that EPDs update weekly and will change.

DIRECTIONS

From Interstate 81 take exit 118 C to 460 west follow until you reach Price's Fork exit to the right. Go 2.5 miles to where the 4 lanes combine to 2 lanes. Look for Cox's Golf Driving Range on the right side and turn right onto Walnut Spring Road. Go .5 mile to sign on the right.

From the West take 460 east until you get to the Price's Fork Exit on the right and proceed as above.



SALE INFORMATION

“PICK OF THE PEN” SALE PROCEDURE

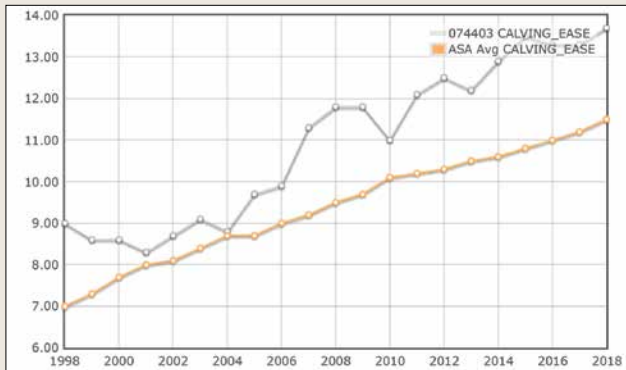
All cattle will be uniformly grouped in pens of approximately 4-8 head per pen. The sale cattle will remain in the pens throughout the sale or until ready for loading out. The auction will be conducted inside the shop, but there is no sale ring and no cattle will be brought inside. Each pen will be assigned a very conservative opening bid. We will auction the cattle one pen at a time. In order to start the bidding on a pen, someone must offer the opening bid price and then we auction to the highest bidder, who then has the option of selecting which or however many they desire from that pen at the winning bid price. We continue this procedure until the pen is empty or no one wants the opening bid. If any animals remain unsold in a pen, then we “Pass the Pen” and any remaining animals are available at the “opening bid price” at the settlement table on a first come first serve basis. Any remaining animals will be priced based on quality. None will be priced below their opening bid price.

MCDONALD FARMS BULL MANAGEMENT

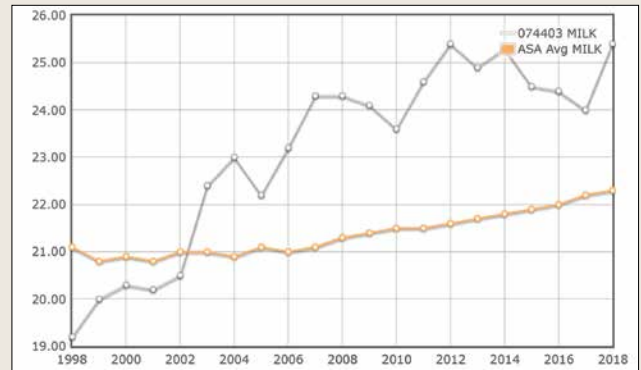
We believe that the natural resource of forages in this area is our greatest asset when it comes to livestock production. We strive to produce cattle that can utilize this resource to optimal levels. We also know that our end product must meet or exceed the expectations of all our customers, from the commercial cattle producer, the feedlot operators, the packers and our ultimate customer the consumer. We have selected these cattle for calving ease, growth performance, milking ability, carcass quality, and calm disposition. They have been performance tested on forage rations in big pastures. We want to produce Decathloners and not a Sumo wrestler. They have been tested to be BVD-PI free, AMF/NHF/CAF, and ultrasounded. They have passed Breeding Soundness Exams and Semen tests. They are stout strong bulls ready to go to work.

MCDONALD FARMS GENETIC TRENDS

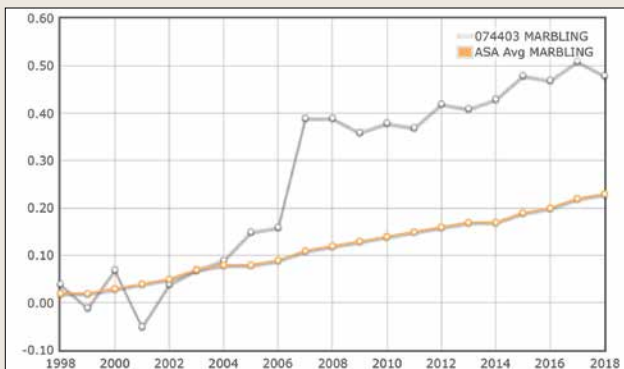
GENETIC TREND IN CALVING EASE



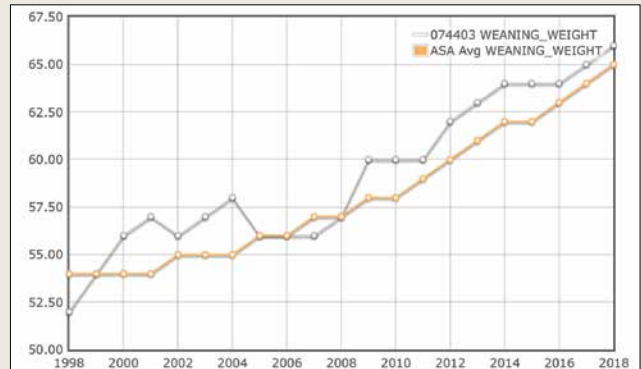
GENETIC TREND IN MILK



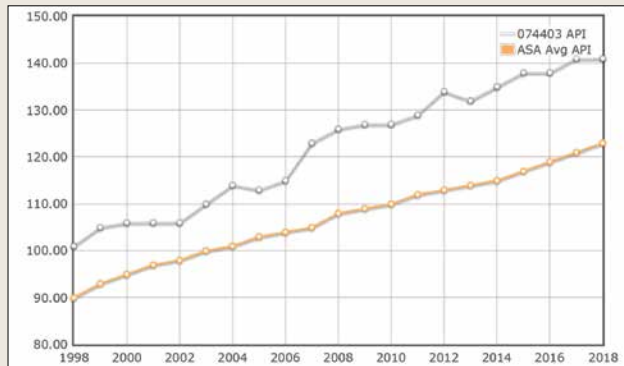
GENETIC TREND IN MARBLING



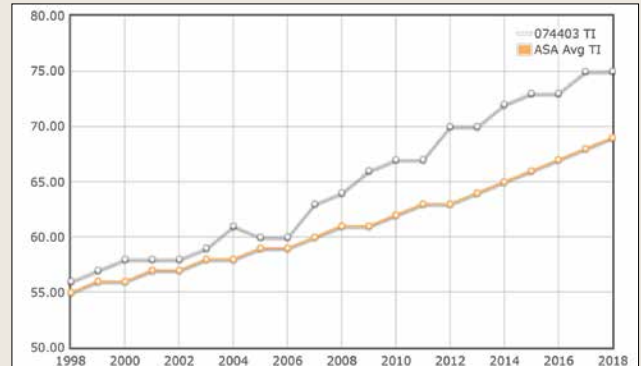
GENETIC TREND IN WEANING WEIGHT



GENETIC TREND IN API



GENETIC TREND IN TI



REFERENCE SIRES

Name	ASA #	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
BALDRIDGE BRONC	3164100	20.7	-4.5	72.6	115.7	14.3	26.8	63.0	14.5	0.16	0.84	0.079	0.40	148.4	81.5
CCR FRONTIER 0053Z	2703756	11.1	1.2	72.4	107.1	3.9	24.1	60.2	21.6	-0.27	0.22	-0.028	0.78	110.9	71.4
CCR PATHWAY 9354Y	2706716	12.3	-0.1	64.9	99.9	8.0	29.5	61.9	13.6	-0.39	0.37	-0.108	0.64	147.1	78.8
CCR PAYDAY NS 1348A	2880363	14.6	1.0	71.1	105.9	7.8	27.9	63.4	18.2	-0.18	0.31	-0.017	0.84	133.0	73.8
GCCR EASY ANSWER Y108	2622776	18.2	-1.7	69.0	104.1	9.3	18.2	52.6	15.8	-0.07	0.62	-0.005	0.72	162.7	82.4
GW PREDOMINATE 848A	2707899	10.2	1.4	83.5	129.1	6.1	20.1	61.7	20.3	-0.08	0.67	-0.017	0.41	150.2	88.2
GW ROBUST 605Z	2694778	7.4	2.5	89.0	134.5	0.1	22.0	66.4	17.0	-0.41	0.48	-0.061	1.47	129.3	86.6
HOOK'S BEACON 56B	2854180	17.1	-2.8	75.9	113.2	12.7	25.4	63.3	12.7	-0.54	0.61	-0.052	1.44	184.1	95.3
HOOK'S CONFIDENCE 26C	3013437	8.3	1.0	73.0	116.1	4.4	15.6	52.0	11.7	-0.27	0.53	-0.025	0.99	141.0	79.2
HOOK'S YELLOWSTONE 97Y	2612546	12.5	0.3	78.8	117.6	7.0	26.3	65.6	11.5	-0.42	0.08	-0.102	0.83	138.2	79.1
HOOVER ELATION M123	3097274	20.3	-4.0	63.1	115.8	9.6	27.6	59.1	15.5	0.25	0.71	0.089	0.31	132.9	72.5
K C F BENNETT FORTRESS	3096210	18.5	-1.9	91.5	151.8	11.4	23.6	69.2	12.7	0.03	0.82	0.020	0.59	148.6	89.9
LANCASTER ENFORCER K25	2854073	21.7	-2.2	60.0	92.9	14.6	38.6	68.6	3.7	-0.40	0.30	-0.095	0.65	146.5	73.7
LRS TOP TEN 104A	2729707	13.9	-0.9	77.9	121.5	7.8	15.8	54.7	13.2	-0.11	0.27	-0.030	0.46	130.7	77.8
MCDF BRIGADIER 487B	2910249	2.4	6.9	86.3	141.4	-0.9	31.4	74.5	12.7	-0.47	0.21	-0.115	1.12	126.5	78.8
MCDF DUAL COMBO 262Z	2675278	16.6	-1.5	61.9	98.8	11.3	29.0	59.9	14.6	-0.15	0.57	-0.011	0.72	154.9	78.4
MCDF DUAL PREMIUM 571C	3036869	7.0	3.2	65.0	103.6	4.9	26.0	58.5	16.7	-0.10	0.80	-0.005	0.61	147.5	78.2
MCDF NEW RIVER 499B	2910283	22.6	-4.4	60.0	91.8	13.9	26.5	56.4	8.9	-0.28	0.27	-0.069	0.74	150.9	73.8
MCDF TOP TEN PRED 6154	3178263	9.0	0.9	73.0	116.7	5.1	24.4	60.9	13.4	-0.25	0.31	-0.050	0.89	126.2	74.7
MF DUAL GAMBLER 57X	2557166	17.6	-2.0	60.1	92.9	12.7	24.2	54.2	16.4	-0.13	0.76	0.009	0.62	166.5	81.8
RC XCEED 063D	3163401	10.6	1.3	85.1	137.1	8.7	13.7	56.1	12.8	-0.09	0.92	-0.032	0.54	164.8	95.2
ROCK CREEK RANCHER 1495	3419275	23.5	-5.5	60.0	106.2	10.2	32.1	62.0	16.9	0.04	1.01	0.060	0.72	165.0	81.2
S D S GRADUATE 006X	2548143	17.3	-3.3	72.8	112.3	9.2	24.7	61.0	12.7	-0.41	0.03	-0.059	1.10	129.0	74.4
S WHITLOCK 179	3099628	15.8	-1.0	89.9	152.1	11.7	26.5	71.4	15.5	0.28	0.65	0.069	0.56	119.5	82.7
TJ DARKHORSE 452C	3022434	17.6	-4.6	58.9	89.7	11.3	28.7	58.1	4.5	-0.07	0.28	0.005	0.43	149.5	72.4

Simmental Breed Average EPDs

CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
10.0	1.8	67.8	100.6	5.2	21.6	55.6	10.5	-0.46	0.01	-0.11	0.82	123.8	68.9

SimAngus™ Breed Average EPDs

CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
11.7	0.6	64.5	98.5	6.3	21.7	54.4	11.2	-0.23	0.28	-0.04	0.62	123.8	69.2

Angus Non-Parent Bull Breed Average EPDs

CED	BW	WW	YW	CEM	MILK	MW	CW	MARB	FAT	RE	\$W	\$F	\$B
6	1.3	52	92	9	24	30	38	0.53	0.010	0.52	47.85	48.70	119.16



PUREBRED AND 3/4 SIMMENTAL

8109F **MCDF BEACON E MONEY 8109F** PB SM
 ASA #3522731 Homozygous Black Homozygous Polled
 Tattoo: 8109F BD: 2/21/2018

Sire:	HOOKS SHEAR FORCE 38K HOOK'S BEACON 56B HOOKS ZAFIRAH 41Z	BW	75
		Adj. WW	614
		Adj. YW	1008
Dam:	TJ EASY MONEY 101W MCDF 338A MF 21T	Adj. SC	41
		FS	5.4

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	14.4	-1.0	70.2	108.0	8.9	26.6	61.6	12.7	-0.49	0.38	-0.068	1.23	161.1	83.8
Rank	10	10	40	35	5	15	20	20	40	2		1	1	2

Genomic enhanced EPDs.

8122F **MCDF GRADUATE BLK JOKER 8122F** 3/4 SM 1/4 AN
 ASA #3522849 Homozygous Black Homozygous Polled
 Tattoo: 8122F BD: 2/27/2018

Sire:	HOOKS SHEAR FORCE 38K S D S GRADUATE 006X S D S QUEEN 814U	BW	76
		Adj. WW	482
		Adj. YW	758
Dam:	PVF-BF BF26 BLACK JOKER MF14S MF 09 J	Adj. SC	30.8
		FS	3.9

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	13.3	-1.6	55.4	84.2	7.0	30.4	58.0	13.3	-0.40	0.01	-0.086	0.97	130.8	66.0
Rank	35	15			40	3	30	25	10		15	5	35	

Genomic enhanced EPDs.

8128F **MCDF YELLOWSTONE SINGLETARY 8128F** PB SM
 ASA #3522787 Homozygous Black Homozygous Polled
 Tattoo: 8128F BD: 2/28/2018

Sire:	HOOKS TAURUS 24T HOOK'S YELLOWSTONE 97Y HOOKS SHEYENNE 77S	BW	85
		Adj. WW	696
		Adj. YW	1109
Dam:	TRIPLE C SINGLETARY S3H MCDF 524C MCDF 220Z	Adj. SC	38.9
		FS	5.4

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	8.6	2.3	90.0	137.2	5.2	19.3	64.2	12.5	-0.50	0.16	-0.112	1.17	137.5	84.6
Rank			1	1			10	25	30	20	45	3	20	2

Genomic enhanced EPDs.

8134F **MCDF BEACON JUMP START 8134F** PB SM
 ASA #3522708 Homozygous Black Homozygous Polled
 Tattoo: 8134F BD: 3/6/2018

Sire:	HOOKS SHEAR FORCE 38K HOOK'S BEACON 56B HOOKS ZAFIRAH 41Z	BW	80
		Adj. WW	565
		Adj. YW	862
Dam:	TNT JUMP START R238 MCDF 306A MF 37Y	Adj. SC	36.7
		FS	5.8

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	14.5	-1.4	65.1	95.6	9.0	26.7	59.1	12.5	-0.49	0.21	-0.086	1.14	148.7	76.5
Rank	10	4			5	15	30	25	40	15		4	4	15

Genomic enhanced EPDs.

8136F **MCDF ENFORCER OLIE 8136F** PB SM
 ASA #3522891 Homozygous Black Homozygous Polled
 Tattoo: 8136F BD: 3/9/2018

Sire:	LCS G-FORCE G45 LANCASTER ENFORCER K25 LCS H376	BW	82
		Adj. WW	572
		Adj. YW	847
Dam:	DKSR MR OLIE X4 MCDF 449B MF 14R	Adj. SC	32.4
		FS	5.1

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	18.1	-0.3	60.4	90.7	10.8	35.4	65.6	7.7	-0.44	0.08	-0.103	0.64	135.1	70.4
Rank	1	15			1	1	10				35		20	45

Genomic enhanced EPDs.

8144F **MCDF ENFORCER MANIFEST 8144F** PB SM
 ASA #3522818 Homozygous Black Homozygous Polled
 Tattoo: 8144F BD: 3/15/2018

Sire:	LCS G-FORCE G45 LANCASTER ENFORCER K25 LCS H376	BW	74
		Adj. WW	558
		Adj. YW	935
Dam:	NICHOLS MANIFEST T79 MCDF 208Z MF 28P	Adj. SC	33.7
		FS	5.6

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	16.4	-0.6	65.6	106.0	11.1	35.5	68.3	10.1	-0.38	0.16	-0.097	0.59	145.7	75.9
Rank	2	10		40	1	1	2			20			10	20

Genomic enhanced EPDs.

8146F **MCDF E ANSWER PRED 8146F** 1/2 SM 1/2 AN
 ASA #3522867 Homozygous Black Homozygous Polled
 Tattoo: 8146F BD: 3/15/2018

Sire:	TJ EASY MONEY 101W GCCR EASY ANSWER Y108 BR MISSFINALRITO616 W228	BW	72
		Adj. WW	607
		Adj. YW	1003
Dam:	SSF BLK PREDISTINED U221 MCDF 224Z MF 15U	Adj. SC	34.7
		FS	5.1

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	18.6	-0.8	66.5	104.2	12.0	33.4	66.6	6.7	-0.30	0.47	-0.061	0.70	159.6	79.1
Rank	2	25	45	40	1	1	4		35	20	30	35	2	15

Genomic enhanced EPDs.

8147F **MCDF ENFORCER JUMP START 8147F** PB SM
 ASA #3522800 Homozygous Black Homozygous Polled
 Tattoo: 8147F BD: 3/16/2018

Sire:	LCS G-FORCE G45 LANCASTER ENFORCER K25 LCS H376	BW	86
		Adj. WW	578
		Adj. YW	866
Dam:	TNT JUMP START R238 MCDF 220Z MF 28W	Adj. SC	31.8
		FS	5.4

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	15.3	-0.2	62.8	95.5	9.7	34.8	66.2	7.1	-0.44	0.15	-0.111	0.82	145.7	73.2
Rank	4	15			3	1	5			20	45		10	30

Genomic enhanced EPDs.



PUREBRED AND 3/4 SIMMENTAL

8153F **MCDF D PREMIUM STETSON 8153F** 3/4 SM 1/4 AN
 ASA #3522852 Homozygous Black Homozygous Polled
 Tattoo: 8153F BD: 3/23/2018

Sire: MCDF DUAL PREMIUM 571C		<table border="1"> <tr><td>BW</td><td>87</td></tr> <tr><td>Adj. WW</td><td>638</td></tr> <tr><td>Adj. YW</td><td>1049</td></tr> <tr><td>Adj. SC</td><td>38.6</td></tr> <tr><td>FS</td><td>5.8</td></tr> </table>	BW	87	Adj. WW	638	Adj. YW	1049	Adj. SC	38.6	FS	5.8
BW	87											
Adj. WW	638											
Adj. YW	1049											
Adj. SC	38.6											
FS	5.8											
MF DUAL GAMBLER 57X												
MCDF 202Z												
Dam: MCDF 217Z		<table border="1"> <tr><td>BW</td><td>86</td></tr> <tr><td>Adj. WW</td><td>589</td></tr> <tr><td>Adj. YW</td><td>840</td></tr> <tr><td>Adj. SC</td><td>34.2</td></tr> <tr><td>FS</td><td>5.8</td></tr> </table>	BW	86	Adj. WW	589	Adj. YW	840	Adj. SC	34.2	FS	5.8
BW	86											
Adj. WW	589											
Adj. YW	840											
Adj. SC	34.2											
FS	5.8											
RCR STETSON T17												
MF 08W												

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	14.2	-1.2	69.3	105.7	9.4	33.5	68.1	15.8	-0.40	0.36	-0.059	0.99	161.5	83.1
Rank	25	20	35	35	10	1	3	5	10	40	40	4	2	4

Genomic enhanced EPDs.

8154F **MCDF D COMBO BLK IRISH KANSAS 8154F** 3/4 SM 1/4 AN
 ASA #3522856 Homozygous Black Homozygous Polled
 Tattoo: 8154F BD: 3/25/2018

Sire: MCDF DUAL COMBO 262Z		<table border="1"> <tr><td>BW</td><td>86</td></tr> <tr><td>Adj. WW</td><td>589</td></tr> <tr><td>Adj. YW</td><td>840</td></tr> <tr><td>Adj. SC</td><td>34.2</td></tr> <tr><td>FS</td><td>5.8</td></tr> </table>	BW	86	Adj. WW	589	Adj. YW	840	Adj. SC	34.2	FS	5.8
BW	86											
Adj. WW	589											
Adj. YW	840											
Adj. SC	34.2											
FS	5.8											
MF DUAL GAMBLER 57X												
MF 12X												
Dam: MF 06S		<table border="1"> <tr><td>BW</td><td>83</td></tr> <tr><td>Adj. WW</td><td>543</td></tr> <tr><td>Adj. YW</td><td>920</td></tr> <tr><td>Adj. SC</td><td>36.8</td></tr> <tr><td>FS</td><td>5.4</td></tr> </table>	BW	83	Adj. WW	543	Adj. YW	920	Adj. SC	36.8	FS	5.4
BW	83											
Adj. WW	543											
Adj. YW	920											
Adj. SC	36.8											
FS	5.4											
BLACK IRISH KANSAS												
MF 03P												

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	11.1	0.2	56.8	87.1	9.3	27.9	56.2	11.5	-0.36	0.22	-0.076	0.83	126.4	64.3
Rank	45				10	10	40	50	20		20	15	45	

Genomic enhanced EPDs.

8158F **MCDF DUAL PREM JUMP START 8158F** 3/4 SM 1/4 AN
 ASA #3522725 Homozygous Black Homozygous Polled
 Tattoo: 8158F BD: 3/28/2018

Sire: MCDF DUAL PREMIUM 571C		<table border="1"> <tr><td>BW</td><td>73</td></tr> <tr><td>Adj. WW</td><td>673</td></tr> <tr><td>Adj. YW</td><td>976</td></tr> <tr><td>Adj. SC</td><td>35.4</td></tr> <tr><td>FS</td><td>5.6</td></tr> </table>	BW	73	Adj. WW	673	Adj. YW	976	Adj. SC	35.4	FS	5.6
BW	73											
Adj. WW	673											
Adj. YW	976											
Adj. SC	35.4											
FS	5.6											
MF DUAL GAMBLER 57X												
MCDF 202Z												
Dam: MCDF 406B		<table border="1"> <tr><td>BW</td><td>83</td></tr> <tr><td>Adj. WW</td><td>543</td></tr> <tr><td>Adj. YW</td><td>920</td></tr> <tr><td>Adj. SC</td><td>36.8</td></tr> <tr><td>FS</td><td>5.4</td></tr> </table>	BW	83	Adj. WW	543	Adj. YW	920	Adj. SC	36.8	FS	5.4
BW	83											
Adj. WW	543											
Adj. YW	920											
Adj. SC	36.8											
FS	5.4											
TNT JUMP START R238												
MCDF 208Z												

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	13.4	0.4	64.3	100.0	7.8	29.5	61.6	11.7	-0.24	0.32	-0.043	0.65	134.7	71.3
Rank	30	50		50	30	4	15	45	50	45	50	45	30	45

Genomic enhanced EPDs.

8191F **MCDF PATHWAY VIRGINIAN 8191F** 3/4 SM 1/4 AN
 ASA #3522786 Homozygous Black Homozygous Polled
 Tattoo: 8191F BD: 4/4/2018

Sire: CCR PATHWAY 9354Y		<table border="1"> <tr><td>BW</td><td>83</td></tr> <tr><td>Adj. WW</td><td>543</td></tr> <tr><td>Adj. YW</td><td>920</td></tr> <tr><td>Adj. SC</td><td>36.8</td></tr> <tr><td>FS</td><td>5.4</td></tr> </table>	BW	83	Adj. WW	543	Adj. YW	920	Adj. SC	36.8	FS	5.4
BW	83											
Adj. WW	543											
Adj. YW	920											
Adj. SC	36.8											
FS	5.4											
IR EXPEDITION W413												
CCR MS 5098 9354W												
Dam: MCDF 545C		<table border="1"> <tr><td>BW</td><td>89</td></tr> <tr><td>Adj. WW</td><td>548</td></tr> <tr><td>Adj. YW</td><td>939</td></tr> <tr><td>Adj. SC</td><td>39.3</td></tr> <tr><td>FS</td><td>5.8</td></tr> </table>	BW	89	Adj. WW	548	Adj. YW	939	Adj. SC	39.3	FS	5.8
BW	89											
Adj. WW	548											
Adj. YW	939											
Adj. SC	39.3											
FS	5.8											
MCDF VIRGINIAN NS 360A												
MF 16X												

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	14.7	0.5	67.9	107.1	9.0	28.7	62.6	17.0	-0.40	0.23	-0.103	0.83	138.3	76.8
Rank	20	50	40	35	15	10	10	3	10		4	15	20	20

Genomic enhanced EPDs.

8193F **MCDF DUAL COMBO 8193F** 1/4 SM 3/8 AN 3/8 CS
 ASA #3522853 Homozygous Black Homozygous Polled
 Tattoo: 8193F BD: 3/24/2018

Sire: MCDF DUAL COMBO 262Z		<table border="1"> <tr><td>BW</td><td>84</td></tr> <tr><td>Adj. WW</td><td>588</td></tr> <tr><td>Adj. YW</td><td>970</td></tr> <tr><td>Adj. SC</td><td>41.2</td></tr> <tr><td>FS</td><td>5.5</td></tr> </table>	BW	84	Adj. WW	588	Adj. YW	970	Adj. SC	41.2	FS	5.5
BW	84											
Adj. WW	588											
Adj. YW	970											
Adj. SC	41.2											
FS	5.5											
MF DUAL GAMBLER 57X												
MF 12X												
Dam: MCDF 415B		<table border="1"> <tr><td>BW</td><td>89</td></tr> <tr><td>Adj. WW</td><td>548</td></tr> <tr><td>Adj. YW</td><td>939</td></tr> <tr><td>Adj. SC</td><td>39.3</td></tr> <tr><td>FS</td><td>5.8</td></tr> </table>	BW	89	Adj. WW	548	Adj. YW	939	Adj. SC	39.3	FS	5.8
BW	89											
Adj. WW	548											
Adj. YW	939											
Adj. SC	39.3											
FS	5.8											
MF DUAL GAMBLER 57X												
MF 05X												

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	14.6	0.4	69.8	107.9	8.9	23.8	58.7	15.0	-0.29	0.33	-0.060	0.70	127.8	74.6
Rank	20	50	30	30	15	35	25	10	35	45	40	35	45	30

Genomic enhanced EPDs.

8197F **MCDF PATHWAY D GAMBLER 8197F** 3/4 SM 1/4 AN
 ASA #3522755 Homozygous Black Homozygous Polled
 Tattoo: 8197F BD: 4/14/2018

Sire: CCR PATHWAY 9354Y		<table border="1"> <tr><td>BW</td><td>89</td></tr> <tr><td>Adj. WW</td><td>548</td></tr> <tr><td>Adj. YW</td><td>939</td></tr> <tr><td>Adj. SC</td><td>39.3</td></tr> <tr><td>FS</td><td>5.8</td></tr> </table>	BW	89	Adj. WW	548	Adj. YW	939	Adj. SC	39.3	FS	5.8
BW	89											
Adj. WW	548											
Adj. YW	939											
Adj. SC	39.3											
FS	5.8											
IR EXPEDITION W413												
CCR MS 5098 9354W												
Dam: MCDF 311A		<table border="1"> <tr><td>BW</td><td>89</td></tr> <tr><td>Adj. WW</td><td>548</td></tr> <tr><td>Adj. YW</td><td>939</td></tr> <tr><td>Adj. SC</td><td>39.3</td></tr> <tr><td>FS</td><td>5.8</td></tr> </table>	BW	89	Adj. WW	548	Adj. YW	939	Adj. SC	39.3	FS	5.8
BW	89											
Adj. WW	548											
Adj. YW	939											
Adj. SC	39.3											
FS	5.8											
MF DUAL GAMBLER 57X												
MF 10Y												

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	11.8	0.0	61.1	95.9	7.8	28.0	58.5	13.7	-0.29	0.55	-0.061	0.54	137.5	75.5
Rank	50	40			30	10	30	20	35	10	30		25	25

Genomic enhanced EPDs.



8100F MCDF DARKHORSE TOP TEN 8100F 1/2 SM 1/2 AN

ASA #3522692 Homozygous Black Homozygous Polled
Tattoo: 8100F BD: 1/28/2018

Sire: TJ DARKHORSE 452C		BW	74
TJ MAKERS MARK 215Y		Adj. WW	555
TJ 57Z		Adj. YW	920
Dam: MCDF 611D		Adj. SC	35.7
LRS TOP TEN 104A		FS	4.3
MF 11Y			

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	13.5	-1.7	64.6	99.2	8.5	27.0	59.3	7.7	-0.21	0.17	-0.018	0.59	127.3	69.7
Rank	30	15	50	50	20	15	25						45	50

Genomic enhanced EPDs.

8101F MCDF BEACON DUAL GAMBLER 8101F 3/4 SM 1/4 AN

ASA #3522736 Homozygous Black Homozygous Polled
Tattoo: 8101F BD: 1/31/2018

Sire: HOOK'S BEACON 56B		BW	66
HOOKS SHEAR FORCE 38K		Adj. WW	666
HOOKS ZAFIRAH 41Z		Adj. YW	1032
Dam: MCDF 636D		Adj. SC	35.4
MF DUAL GAMBLER 57X		FS	5.6
MCDF 204Z			

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	17.2	-2.3	74.2	114.9	11.6	29.8	66.8	14.0	-0.36	0.80	-0.033	1.06	174.3	93.6
Rank	5	10	20	20	2	4	4	20	20	1		2	1	1

Genomic enhanced EPDs.

8102F MCDF DARKHORSE PATHWAY 8102F 1/2 SM 1/2 AN

ASA #3522696 Homozygous Black Homozygous Polled
Tattoo: 8102F BD: 2/3/2018

Sire: TJ DARKHORSE 452C		BW	70
TJ MAKERS MARK 215Y		Adj. WW	562
TJ 57Z		Adj. YW	926
Dam: MCDF 654D		Adj. SC	34.5
CCR PATHWAY 9354Y		FS	5.1
MCDF 1308A			

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	17.1	-2.1	66.6	103.2	10.8	23.2	56.5	10.3	-0.04	0.58	-0.002	0.35	160.3	80.8
Rank	10	10	45	40	3	40	40			10			2	10

Genomic enhanced EPDs.

8103F MCDF D GAMBLER ROBUST 8103F 5/8 SM 3/8 AN

ASA #3522705 Homozygous Black Homozygous Polled
Tattoo: 8103F BD: 2/3/2018

Sire: MF DUAL GAMBLER 57X		BW	78
TNT DUAL FOCUS T249		Adj. WW	659
MF 46P		Adj. YW	1043
Dam: MCDF 619D		Adj. SC	33
GW ROBUST 605Z		FS	5.1
MCDF 326A			

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	10.9	-0.5	66.3	101.4	7.2	26.5	59.6	15.9	-0.21	0.64	-0.023	0.79	144.8	80.5
Rank		30	45	45	35	15	25	5		5		20	15	10

Genomic enhanced EPDs.

8105F MCDF CONFIDENCE PAYDAY 8105F 5/8 SM 3/8 AN

ASA #3522764 Homozygous Black Homozygous Polled
Tattoo: 8105F BD: 2/7/2018

Sire: HOOK'S CONFIDENCE 26C		BW	82
J BAR J NIGHTRIDE 225Z		Adj. WW	598
HOOK'S UNIQUE 12U		Adj. YW	953
Dam: MCDF 613D		Adj. SC	33.8
CCR PAYDAY NS 1348A		FS	4.2
MCDF 445B			

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	8.8	1.3	73.3	113.3	5.1	18.6	55.2	13.5	-0.14	0.44	-0.003	0.85	140.8	76.1
Rank			20	20			50	20		25		15	20	20

Genomic enhanced EPDs.

8106F MCDF EASY ANSWER PATHWAY BET 8106F 1/2 SM 1/2 AN

ASA #3522769 Homozygous Black Homozygous Polled
Tattoo: 8106F BD: 2/8/2018

Sire: GCCR EASY ANSWER Y108		BW	68
TJ EASY MONEY 101W		Adj. WW	584
BR MISSFINALRITO616 W228		Adj. YW	1001
Dam: MCDF 657D		Adj. SC	34.3
MCDF PATHWAY BET 4B9B		FS	4.2
MF R9M25 878 EXT 1405			

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	15.9	-1.0	72.1	112.1	9.2	21.3	57.3	14.4	-0.02	0.60	-0.005	0.47	163.2	82.9
Rank	10	20	25	25	10		35	15		10			2	4

Genomic enhanced EPDs.

8107F MCDF D GAMBLER COMPLEMENT 8107F 1/2 SM 1/2 AN

ASA #3522726 Homozygous Black Homozygous Polled
Tattoo: 8107F BD: 2/8/2018

Sire: MF DUAL GAMBLER 57X		BW	84
TNT DUAL FOCUS T249		Adj. WW	619
MF 46P		Adj. YW	1032
Dam: MCDF 617D		Adj. SC	33.8
EF COMPLEMENT 8088		FS	5.4
MF 21W			

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	13.1	-0.5	63.8	99.8	9.8	22.7	54.5	16.6	-0.10	0.51	-0.005	0.57	137.0	75.3
Rank	35	30		50	10	45	50	3		15			25	25

Genomic enhanced EPDs.

8108F MCDF TOP TEN PREM BEEF 8108F 1/2 SM 1/2 AN

ASA #3522844 Homozygous Black Homozygous Polled
Tattoo: 8108F BD: 2/19/2018

Sire: LRS TOP TEN 104A		BW	78
A A R TEN X 7008 S A		Adj. WW	652
LRS MS SUREBET 104Y		Adj. YW	1017
Dam: MCDF 409B		Adj. SC	37.4
GW PREMIUM BEEF 021TS		FS	5.8
MCDF 210Z			

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	14.3	-1.4	69.5	111.2	7.9	24.4	59.1	14.5	-0.16	0.44	-0.017	0.60	150.5	79.0
Rank	20	15	35	25	25	30	25	15		25			10	15

Genomic enhanced EPDs.



8110F MCDF RANCHER JUMP START 8110F 1/2 SM 1/2 AN

ASA #3522835 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8110F BD: 2/21/2018

<p>Sire: ROCK CREEK RANCHER 1495 PA FULL POWER 1208 BAF FOREVER LADY 1080</p> <p>Dam: MCDF 407B TNT JUMP START R238 MCDF 218Z</p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">70</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">618</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">1016</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">38.5</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">5.6</td></tr> </table>	BW	70	Adj. WW	618	Adj. YW	1016	Adj. SC	38.5	FS	5.6
BW	70										
Adj. WW	618										
Adj. YW	1016										
Adj. SC	38.5										
FS	5.6										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	16.9	-2.3	64.3	106.8	7.7	31.1	63.2	17.2	-0.16	0.50	-0.033	0.65	149.9	79.7
Rank	10	10		35	30	2	10	2		15		45	10	10

Genomic enhanced EPDs.

8111F MCDF D GAMBLER FRONTIER 8111F 1/2 SM 1/2 AN

ASA #3522733 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8111F BD: 2/21/2018

<p>Sire: MF DUAL GAMBLER 57X TNT DUAL FOCUS T249 MF 46P</p> <p>Dam: MCDF 319A GLS FRONTIER N13 MF 11T</p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">74</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">500</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">872</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">36.5</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">4.6</td></tr> </table>	BW	74	Adj. WW	500	Adj. YW	872	Adj. SC	36.5	FS	4.6
BW	74										
Adj. WW	500										
Adj. YW	872										
Adj. SC	36.5										
FS	4.6										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI	
EPD	17.6	-1.8	53.5	80.9	12.0	22.1	48.8	12.7	-0.18	0.64	-0.016	0.63	160.2	74.6	
Rank	4	15				1	50		30		5		50	2	30

Genomic enhanced EPDs.

8112F MCDF TOP TEN PREMIER 8112F 5/8 SM 3/8 AN

ASA #3522872 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8112F BD: 2/22/2018

<p>Sire: LRS TOP TEN 104A A A R TEN X 7008 S A LRS MS SUREBET 104Y</p> <p>Dam: MCDF 429B GW PREMIER 734Y MF 08T</p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">85</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">545</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">944</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">36.6</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">4.6</td></tr> </table>	BW	85	Adj. WW	545	Adj. YW	944	Adj. SC	36.6	FS	4.6
BW	85										
Adj. WW	545										
Adj. YW	944										
Adj. SC	36.6										
FS	4.6										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	12.6	-0.1	66.7	106.8	8.1	20.6	53.9	12.9	-0.14	0.46	-0.038	0.39	142.6	75.5
Rank	40	35	45	35	25			30		20			15	25

Genomic enhanced EPDs.

8114F MCDF RANCHER STETSON 8114F 1/2 SM 1/2 AN

ASA #3522877 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8114F BD: 2/22/2018

<p>Sire: ROCK CREEK RANCHER 1495 PA FULL POWER 1208 BAF FOREVER LADY 1080</p> <p>Dam: MCDF 423B RCR STETSON T17 MF 24X</p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">85</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">666</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">996</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">39.1</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">5.6</td></tr> </table>	BW	85	Adj. WW	666	Adj. YW	996	Adj. SC	39.1	FS	5.6
BW	85										
Adj. WW	666										
Adj. YW	996										
Adj. SC	39.1										
FS	5.6										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	14.4	-0.9	63.9	98.0	6.6	27.1	59.0	17.8	-0.09	0.39	-0.020	0.50	141.1	73.3
Rank	20	25				50	15	25	2	35			15	35

Genomic enhanced EPDs.

8115F MCDF NEW RIVER BEN UPWARD 8115F 1/2 SM 1/2 AN

ASA #3522838 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8115F BD: 2/23/2018

<p>Sire: MCDF NEW RIVER 499B MF RANCH MAGNUM 79W MF 0903 ANALYST STRATEGY</p> <p>Dam: MCDF 420B K C F BENNETT UPWARD W538 MF04N</p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">75</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">583</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">940</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">35.6</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">5.6</td></tr> </table>	BW	75	Adj. WW	583	Adj. YW	940	Adj. SC	35.6	FS	5.6
BW	75										
Adj. WW	583										
Adj. YW	940										
Adj. SC	35.6										
FS	5.6										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	19.1	-2.1	55.7	88.3	11.8	30.3	58.1	9.3	-0.30	0.11	-0.062	0.82	130.3	64.8
Rank	2	10			1	3	30		35		30	20	40	

Genomic enhanced EPDs.

8116F MCDF ROBUST TEN X 8116F 5/8 SM 3/8 AN

ASA #3522828 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8116F BD: 2/23/2018

<p>Sire: GW ROBUST 605Z GW PREMIUM BEEF 021TS GW MISS GPRD 123X</p> <p>Dam: MCDF 439B A A R TEN X 7008 S A MF 23S</p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">85</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">598</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">908</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">34.1</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">5.4</td></tr> </table>	BW	85	Adj. WW	598	Adj. YW	908	Adj. SC	34.1	FS	5.4
BW	85										
Adj. WW	598										
Adj. YW	908										
Adj. SC	34.1										
FS	5.4										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	10.9	2.2	79.3	119.8	5.2	17.9	57.4	10.8	-0.29	0.33	-0.040	0.86	126.1	76.9
Rank			10	10			35		35	45		15	45	20

Genomic enhanced EPDs.

8117F MCDF NEW RIVER NIGHTRIDE 8117F 5/8 SM 3/8 AN

ASA #3522893 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8117F BD: 2/23/2018

<p>Sire: MCDF NEW RIVER 499B MF RANCH MAGNUM 79W MF 0903 ANALYST STRATEGY</p> <p>Dam: MCDF 421B J BAR J NIGHTRIDE 225Z MF 15S</p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">93</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">653</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">1031</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">37.1</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">4.9</td></tr> </table>	BW	93	Adj. WW	653	Adj. YW	1031	Adj. SC	37.1	FS	4.9
BW	93										
Adj. WW	653										
Adj. YW	1031										
Adj. SC	37.1										
FS	4.9										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	12.4	0.7	73.0	114.0	7.9	15.4	51.8	12.2	-0.30	0.31	-0.056	0.86	130.5	74.7
Rank	45		20	20	25			40	35	45	40	15	35	25

Genomic enhanced EPDs.

8118F MCDF PREDOMINATE D COMBO 8118F 5/8 SM 3/8 AN

ASA #3522777 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8118F BD: 2/23/2018

<p>Sire: GW PREDOMINATE 848A GW PREDESTINED 701T GW MISS PREM BEEF 086X</p> <p>Dam: MCDF 502C MCDF DUAL COMBO 262Z MCDF 302A</p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">82</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">629</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">1004</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">35.6</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">4.9</td></tr> </table>	BW	82	Adj. WW	629	Adj. YW	1004	Adj. SC	35.6	FS	4.9
BW	82										
Adj. WW	629										
Adj. YW	1004										
Adj. SC	35.6										
FS	4.9										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	15.0	-1.7	65.5	103.7	8.0	29.8	62.5	17.8	-0.14	0.54	-0.034	0.48	149.6	79.7
Rank	15	15	50	40	25	4	15	2		15			10	10

Genomic enhanced EPDs.



8119F MCDF ROBUST PATHWAY 8119F ^{5/8 SM 3/8 AN}

ASA #3522791 Homozygous Black Homozygous Polled
Tattoo: 8119F BD: 2/24/2018

Sire: GW ROBUST 605Z	GW PREMIUM BEEF 021TS	<table border="1"> <tr><td>BW</td><td>80</td></tr> <tr><td>Adj. WW</td><td>455</td></tr> <tr><td>Adj. YW</td><td>779</td></tr> <tr><td>Adj. SC</td><td>34.7</td></tr> <tr><td>FS</td><td>3.9</td></tr> </table>	BW	80	Adj. WW	455	Adj. YW	779	Adj. SC	34.7	FS	3.9
BW	80											
Adj. WW	455											
Adj. YW	779											
Adj. SC	34.7											
FS	3.9											
	GW MISS GPRD 123X											
Dam: MCDF 536C	CCR PATHWAY 9354Y											
	MF CONNECT SELECT 1201											

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	9.6	0.2	64.2	97.8	3.4	28.4	60.4	14.1	-0.35	0.74	-0.055	1.06	146.2	81.5
Rank		45			10	20	15	20	2	40	2	10	10	

Genomic enhanced EPDs.

8121F MCDF DARKHORSE SOLUTION 8121F ^{1/2 SM 1/2 AN}

ASA #3522720 Homozygous Black Homozygous Polled
Tattoo: 8121F BD: 2/27/2018

Sire: TJ DARKHORSE 452C	TJ MAKERS MARK 215Y	<table border="1"> <tr><td>BW</td><td>90</td></tr> <tr><td>Adj. WW</td><td>655</td></tr> <tr><td>Adj. YW</td><td>1134</td></tr> <tr><td>Adj. SC</td><td>39.8</td></tr> <tr><td>FS</td><td>6.4</td></tr> </table>	BW	90	Adj. WW	655	Adj. YW	1134	Adj. SC	39.8	FS	6.4
BW	90											
Adj. WW	655											
Adj. YW	1134											
Adj. SC	39.8											
FS	6.4											
	TJ 57Z											
Dam: MF 34W	G A R SOLUTION											
	MF 13S											

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	10.4	0.0	74.2	118.2	3.5	24.6	61.6	11.7	-0.06	0.40	-0.015	0.67	135.3	78.0
Rank		40	20	15		30	15	45		30		45	25	15

Genomic enhanced EPDs.

8123F MCDF TOP TEN PRED 8123F ^{1/4 SM 3/4 AN}

ASA #3522727 Homozygous Black Homozygous Polled
Tattoo: 8123F BD: 2/28/2018

Sire: MCDF TOP TEN PRED 6154	LRS TOP TEN 104A	<table border="1"> <tr><td>BW</td><td>92</td></tr> <tr><td>Adj. WW</td><td>511</td></tr> <tr><td>Adj. YW</td><td>1003</td></tr> <tr><td>Adj. SC</td><td>35.4</td></tr> <tr><td>FS</td><td>4.9</td></tr> </table>	BW	92	Adj. WW	511	Adj. YW	1003	Adj. SC	35.4	FS	4.9
BW	92											
Adj. WW	511											
Adj. YW	1003											
Adj. SC	35.4											
FS	4.9											
	MF 12Y											
Dam: MF ABSOLUTE BIGEYE 1608												
	MCDF 1305A											

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	9.5	0.6	63.9	103.6	5.3	25.2	57.1	14.1	-0.16	0.43	-0.004	0.96	127.0	70.2
Rank				40		25	35	15		25		5	45	50

Genomic enhanced EPDs.

8124F MCDF XCEED NIGHTRIDE 8124F ^{5/8 SM 3/8 AN}

ASA #3522879 Homozygous Black Homozygous Polled
Tattoo: 8124F BD: 2/28/2018

Sire: RC XCEED 063D	A A R TEN X 7008 S A	<table border="1"> <tr><td>BW</td><td>80</td></tr> <tr><td>Adj. WW</td><td>536</td></tr> <tr><td>Adj. YW</td><td>988</td></tr> <tr><td>Adj. SC</td><td>34.9</td></tr> <tr><td>FS</td><td>4.9</td></tr> </table>	BW	80	Adj. WW	536	Adj. YW	988	Adj. SC	34.9	FS	4.9
BW	80											
Adj. WW	536											
Adj. YW	988											
Adj. SC	34.9											
FS	4.9											
	RC MISS TOP GRADE 147A											
Dam: MCDF 419B	J BAR J NIGHTRIDE 225Z											
	MF 19Y											

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	12.3	0.9	73.1	118.8	8.5	13.8	50.3	10.7	-0.09	0.71	-0.025	0.36	158.9	83.7
Rank	45		20	15	20					2			3	3

Genomic enhanced EPDs.

8125F MCDF ENFORCER TEN X 8125F ^{5/8 SM 3/8 AN}

ASA #3522711 Homozygous Black Homozygous Polled
Tattoo: 8125F BD: 2/28/2018

Sire: LANCASTER ENFORCER K25	LCS G-FORCE G45	<table border="1"> <tr><td>BW</td><td>86</td></tr> <tr><td>Adj. WW</td><td>645</td></tr> <tr><td>Adj. YW</td><td>1103</td></tr> <tr><td>Adj. SC</td><td>37.4</td></tr> <tr><td>FS</td><td>5.7</td></tr> </table>	BW	86	Adj. WW	645	Adj. YW	1103	Adj. SC	37.4	FS	5.7
BW	86											
Adj. WW	645											
Adj. YW	1103											
Adj. SC	37.4											
FS	5.7											
	LCS H376											
Dam: MCDF 422B	A A R TEN X 7008 S A											
	MF 36W											

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	17.5	0.1	68.3	109.8	12.4	31.2	65.2	9.7	-0.33	0.45	-0.069	0.70	140.2	78.5
Rank	5	40	40	25	1	2	5		25	25	30	35	20	15

Genomic enhanced EPDs.

8126F MCDF GRADUATE ROOKIE 8126F ^{5/8 SM 3/8 AN}

ASA #3522858 Homozygous Black Homozygous Polled
Tattoo: 8126F BD: 2/28/2018

Sire: S D S GRADUATE 006X	HOOKS SHEAR FORCE 38K	<table border="1"> <tr><td>BW</td><td>70</td></tr> <tr><td>Adj. WW</td><td>707</td></tr> <tr><td>Adj. YW</td><td>1074</td></tr> <tr><td>Adj. SC</td><td>37.9</td></tr> <tr><td>FS</td><td>5.2</td></tr> </table>	BW	70	Adj. WW	707	Adj. YW	1074	Adj. SC	37.9	FS	5.2
BW	70											
Adj. WW	707											
Adj. YW	1074											
Adj. SC	37.9											
FS	5.2											
	S D S QUEEN 814U											
Dam: MCDF 446B	PV-F J 4P14 HYB ROOKIE											
	MF 16X											

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	15.0	-0.9	77.8	121.4	8.8	26.0	64.9	7.4	-0.29	0.08	-0.053	0.92	133.2	75.2
Rank	15	25	10	10	15	20	10		35		40	10	30	25

Genomic enhanced EPDs.

8127F MCDF DARKHORSE COMBINATION 8127F ^{1/2 SM 1/2 AN}

ASA #3522776 Homozygous Black Homozygous Polled
Tattoo: 8127F BD: 2/28/2018

Sire: TJ DARKHORSE 452C	TJ MAKERS MARK 215Y	<table border="1"> <tr><td>BW</td><td>70</td></tr> <tr><td>Adj. WW</td><td>575</td></tr> <tr><td>Adj. YW</td><td>905</td></tr> <tr><td>Adj. SC</td><td>36.9</td></tr> <tr><td>FS</td><td>4.4</td></tr> </table>	BW	70	Adj. WW	575	Adj. YW	905	Adj. SC	36.9	FS	4.4
BW	70											
Adj. WW	575											
Adj. YW	905											
Adj. SC	36.9											
FS	4.4											
	TJ 57Z											
Dam: MCDF 511C	GLS COMBINATION R2											
	MCDF 227Z											

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	16.2	-3.1	54.5	83.7	10.1	27.9	55.1	9.7	-0.17	0.45	-0.026	0.60	153.4	72.5
Rank	10	4			5	10	50			25			4	35

Genomic enhanced EPDs.

8129F MCDF TOP TEN PRED COMPLEMENT 8129F ^{1/4 SM 3/4 AN}

ASA #3522722 Homozygous Black Homozygous Polled
Tattoo: 8129F BD: 3/1/2018

Sire: MCDF TOP TEN PRED 6154	LRS TOP TEN 104A	<table border="1"> <tr><td>BW</td><td>86</td></tr> <tr><td>Adj. WW</td><td>569</td></tr> <tr><td>Adj. YW</td><td>893</td></tr> <tr><td>Adj. SC</td><td>37.9</td></tr> <tr><td>FS</td><td>4.7</td></tr> </table>	BW	86	Adj. WW	569	Adj. YW	893	Adj. SC	37.9	FS	4.7
BW	86											
Adj. WW	569											
Adj. YW	893											
Adj. SC	37.9											
FS	4.7											
	MF 12Y											
Dam: MF COMPLEMENT RREV 1606	EF COMPLEMENT 8088											
	MCDF 1304A											

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	12.1	0.6	65.8	104.6	7.6	20.9	53.8	13.9	0.02	0.73	0.020	0.42	140.2	77.9
Rank	50		50	40	30			20		2			20	15

Genomic enhanced EPDs.



MCDF TOP TEN LEGACY 8130F 3/4 SM 1/4 AN**8130F**
ASA #3522801 **Homozygous Black** **Homozygous Polled**
Tattoo: 8130F **BD: 3/1/2018**

— A A R TEN X 7008 S A
Sire: LRS TOP TEN 104A
— LRS MS SUREBET 104Y

— NICHOLS LEGACY G151
Dam: MF 04T
— MF 19R

BW	96
Adj. WW	665
Adj. YW	960
Adj. SC	37.9
FS	6

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	7.1	1.7	75.3	113.0	4.4	18.4	56.0	11.4	-0.35	0.10	-0.092	0.76	115.5	69.0
Rank			15	20			45	50	20		10	25		

Genomic enhanced EPDs.

MCDF BRONC PATHWAY 8131F 1/2 SM 1/2 AN**8131F**
ASA #3522861 **Homozygous Black** **Homozygous Polled**
Tattoo: 8131F **BD: 3/3/2018**

— EF COMMANDO 1366
Sire: BALDRIDGE BRONC
— BALDRIDGE ISABEL Y69

— CCR PATHWAY 9354Y
Dam: MCDF 4C6B
— MF 14M

BW	70
Adj. WW	652
Adj. YW	1003
Adj. SC	37.6
FS	5

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	18.0	-1.5	65.5	104.6	12.5	31.2	63.9	15.6	-0.05	0.41	0.000	0.44	142.8	76.3
Rank	3	15	50	40	1	2	10	10		30			15	20

Genomic enhanced EPDs.

MCDF ROBUST STETSON 8132F 5/8 SM 3/8 AN**8132F**
ASA #3522815 **Homozygous Black** **Homozygous Polled**
Tattoo: 8132F **BD: 3/6/2018**

— GW PREMIUM BEEF 021TS
Sire: GW ROBUST 605Z
— GW MISS GPRD 123X

— RCR STETSON T17
Dam: MCDF 444B
— MF 0603 4144 0304 OF STR

BW	82
Adj. WW	603
Adj. YW	930
Adj. SC	34.2
FS	5.5

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	9.8	0.5	70.9	104.9	3.8	21.7	57.1	12.8	-0.33	0.51	-0.048	1.07	138.9	78.6
Rank			50	30	40		35	30	25	15	50	2	20	15

Genomic enhanced EPDs.

MCDF PREDOMINATE IN FORCE 8133F 5/8 SM 3/8 AN**8133F**
ASA #3522827 **Homozygous Black** **Homozygous Polled**
Tattoo: 8133F **BD: 3/6/2018**

— GW PREDESTINED 701T
Sire: GW PREDOMINATE 848A
— GW MISS PREM BEEF 086X

— S D S IN FORCE 112Y
Dam: MCDF 408B
— MCDF 230Z

BW	82
Adj. WW	645
Adj. YW	1000
Adj. SC	36.7
FS	5.8

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	11.8	0.4	76.0	119.5	7.6	25.5	63.5	14.9	-0.21	0.55	-0.047	0.54	146.7	83.3
Rank	50	50	15	10	30	20	10	10		10	50		10	4

Genomic enhanced EPDs.

MCDF BEN FORTRESS SELECTIVE 8137F PB AN**8137F**
ASA #3522729 **Homozygous Black** **Homozygous Polled**
Tattoo: 8137F **BD: 3/9/2018**

— CONNEALY CONSENSUS
Sire: K C F BENNETT FORTRESS
— THOMAS PATRICIA 9705

— G A R SELECTIVE
Dam: MF 1007 SELECT 8286
— MF 0109 1489 9808 PF8286

BW	84
Adj. WW	594
Adj. YW	1053
Adj. SC	36.9
FS	5.8

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	15.6	-0.4	72.1	117.3	9.0	20.2	56.2	10.6	0.11	0.77	0.026	0.35	132.8	73.9
Rank	15	30	25	15	15		40				2		30	30

Genomic enhanced EPDs.

MCDF FRONTIER LEGACY 8138F 5/8 SM 3/8 AN**8138F**
ASA #3522694 **Homozygous Black** **Homozygous Polled**
Tattoo: 8138F **BD: 3/10/2018**

— MCC DAYLITE 0005
Sire: CCR FRONTIER 0053Z
— CCR MS 4013 DURA 0053X

— NICHOLS LEGACY G151
Dam: MF 06W
— MF 08T

BW	82
Adj. WW	478
Adj. YW	881
Adj. SC	37.9
FS	4.8

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	13.8	0.9	65.1	99.0	7.2	27.0	59.5	19.9	-0.32	0.21	-0.044	0.94	128.1	68.2
Rank	25		50	50	35	15	25	1	30		50	10	45	

Genomic enhanced EPDs.

MCDF TOP TEN PREM BEEF 8139F 1/2 SM 1/2 AN**8139F**
ASA #3522802 **Homozygous Black** **Homozygous Polled**
Tattoo: 8139F **BD: 3/10/2018**

— A A R TEN X 7008 S A
Sire: LRS TOP TEN 104A
— LRS MS SUREBET 104Y

— G A R US PREMIUM BEEF
Dam: MF 05T
— MF 03R

BW	82
Adj. WW	583
Adj. YW	989
Adj. SC	36.4
FS	5.6

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	13.0	-0.3	65.7	106.3	7.7	24.7	57.5	11.8	-0.06	0.26	-0.017	0.38	126.9	70.3
Rank	35	35	50	35	30	25	35	45					45	45

Genomic enhanced EPDs.

MCDF DARKHORSE RANCH MAGNUM 8140F 1/2 SM 1/2 AN**8140F**
ASA #3522850 **Homozygous Black** **Homozygous Polled**
Tattoo: 8140F **BD: 3/10/2018**

— TJ MAKERS MARK 215Y
Sire: TJ DARKHORSE 452C
— TJ 57Z

— MF RANCH MAGNUM 79W
Dam: MF 42Y
— MF 0512 EXT 9701 OF FLIN

BW	76
Adj. WW	547
Adj. YW	887
Adj. SC	38.9
FS	4.8

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	18.0	-2.6	58.1	88.2	11.6	23.3	52.3	11.6	-0.14	0.35	-0.009	0.33	148.4	71.0
Rank	3	10				2	40	50		40			10	45

Genomic enhanced EPDs.



8142F MCDF GRADUATE FRONTIER 8142F 5/8 SM 3/8 AN

ASA #3522819 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8142F BD: 3/12/2018

<p>Sire: S D S GRADUATE 006X HOOKS SHEAR FORCE 38K S D S QUEEN 814U</p> <p>Dam: MF 24W GLS FRONTIER N13 MF 30K</p>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">84</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">573</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">876</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">33.5</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">4.6</td></tr> </table>	BW	84	Adj. WW	573	Adj. YW	876	Adj. SC	33.5	FS	4.6
BW	84										
Adj. WW	573										
Adj. YW	876										
Adj. SC	33.5										
FS	4.6										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	13.1	-0.8	62.6	96.1	7.6	30.6	61.8	10.3	-0.28	0.34	-0.052	0.90	137.4	72.3
Rank	35	25			30	3	15		40	40	40	10	25	40

Genomic enhanced EPDs.

8143F MCDF ENFORCER TEN X 8143F 5/8 SM 3/8 AN

ASA #3522890 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8143F BD: 3/14/2018

<p>Sire: LANCASTER ENFORCER K25 LCS G-FORCE G45 LCS H376</p> <p>Dam: MCDF 526C A A R TEN X 7008 S A MF14S</p>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">80</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">601</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">981</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">36.7</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">5.6</td></tr> </table>	BW	80	Adj. WW	601	Adj. YW	981	Adj. SC	36.7	FS	5.6
BW	80										
Adj. WW	601										
Adj. YW	981										
Adj. SC	36.7										
FS	5.6										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	16.0	-0.2	68.3	109.0	11.0	28.8	62.9	3.8	-0.27	0.31	-0.046	0.64	141.6	74.7
Rank	10	35	40	30	3	10	10		40	45	50	50	15	25

Genomic enhanced EPDs.

8148F MCDF PATHWAY CONTRAST 8148F 1/2 SM 1/2 AN

ASA #3522813 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8148F BD: 3/18/2018

<p>Sire: CCR PATHWAY 9354Y IR EXPEDITION W413 CCR MS 5098 9354W</p> <p>Dam: MF 1501 CONTRAST CONNECT CONNEALY CONTRAST MCDF 1308A</p>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">80</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">649</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">995</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">38.9</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">4.9</td></tr> </table>	BW	80	Adj. WW	649	Adj. YW	995	Adj. SC	38.9	FS	4.9
BW	80										
Adj. WW	649										
Adj. YW	995										
Adj. SC	38.9										
FS	4.9										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	15.4	-1.2	61.2	96.9	9.3	27.4	57.9	16.3	-0.12	0.56	-0.033	0.45	148.5	76.6
Rank	15	20			10	10	30	4		10			10	20

Genomic enhanced EPDs.

8149F MCDF PAYDAY ROBUST 8149F 5/8 SM 3/8 AN

ASA #3522706 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8149F BD: 3/19/2018

<p>Sire: CCR PAYDAY NS 1348A CCR DEBT FREE 8012Y CCR MS RACHEL 1348Y</p> <p>Dam: MCDF 621D GW ROBUST 605Z MF 42Y</p>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">77</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">639</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">1113</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">34.9</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">5.9</td></tr> </table>	BW	77	Adj. WW	639	Adj. YW	1113	Adj. SC	34.9	FS	5.9
BW	77										
Adj. WW	639										
Adj. YW	1113										
Adj. SC	34.9										
FS	5.9										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	12.5	1.6	79.3	120.4	6.0	18.4	58.0	18.3	-0.33	0.30	-0.043	1.23	125.7	77.4
Rank	45		10	10			30	1	25	50	50	1	50	20

Genomic enhanced EPDs.

8151F MCDF DUAL PREM JUMP START 8151F 1/2 SM 1/2 AN

ASA #3522875 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8151F BD: 3/23/2018

<p>Sire: MCDF DUAL PREMIUM 571C MF DUAL GAMBLER 57X MCDF 202Z</p> <p>Dam: MCDF 441B TNT JUMP START R238 MF 0906 BIGEYE PRIMETIME</p>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">74</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">603</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">978</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">36.6</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">5.8</td></tr> </table>	BW	74	Adj. WW	603	Adj. YW	978	Adj. SC	36.6	FS	5.8
BW	74										
Adj. WW	603										
Adj. YW	978										
Adj. SC	36.6										
FS	5.8										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	16.7	-0.5	58.3	91.7	9.2	23.0	52.1	12.8	-0.23	0.66	-0.025	0.74	165.9	76.9
Rank	10	30			10	40		30		4		30	1	20

Genomic enhanced EPDs.

8156F MCDF BRIGADIER REVENUE 8156F 1/2 SM 1/2 AN

ASA #3522845 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8156F BD: 3/27/2018

<p>Sire: MCDF BRIGADIER 487B DKSR MR OLIE X4 MF 08Y</p> <p>Dam: MF RITO REV N STAN 1404 RITO REVENUE 5M2 OF 2536 PRE MF NEW FOCUS 1108</p>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">90</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">622</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">1085</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">35.9</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">5.6</td></tr> </table>	BW	90	Adj. WW	622	Adj. YW	1085	Adj. SC	35.9	FS	5.6
BW	90										
Adj. WW	622										
Adj. YW	1085										
Adj. SC	35.9										
FS	5.6										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	9.4	4.0	78.2	130.2	3.6	27.5	66.5	17.2	-0.13	0.95	-0.013	0.78	162.6	90.3
Rank			10	3		10	4	2		1		25	2	1

Genomic enhanced EPDs.

8159F MCDF D COMBO PREM BEEF 8159F 1/2 SM 1/2 AN

ASA #3522756 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8159F BD: 3/30/2018

<p>Sire: MCDF DUAL COMBO 262Z MF DUAL GAMBLER 57X MF 12X</p> <p>Dam: MCDF 301A GW PREMIUM BEEF 021TS MF 12Y</p>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">82</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">614</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">975</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">35</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">5.9</td></tr> </table>	BW	82	Adj. WW	614	Adj. YW	975	Adj. SC	35	FS	5.9
BW	82										
Adj. WW	614										
Adj. YW	975										
Adj. SC	35										
FS	5.9										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	15.3	-1.5	60.9	98.6	9.5	25.5	55.9	9.7	-0.21	0.51	-0.018	0.79	149.4	76.2
Rank	15	15		50	10	20	45			15		20	10	20

Genomic enhanced EPDs.

8160F MCDF DUAL COMBO HIGH DESIGN 8160F 1/2 SM 1/2 AN

ASA #3522839 **Homozygous Black** **Homozygous Polled**
 Tattoo: 8160F BD: 3/30/2018

<p>Sire: MCDF DUAL COMBO 262Z MF DUAL GAMBLER 57X MF 12X</p> <p>Dam: MCDF 221Z GAR HIGH DESIGN MF 25 L</p>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">BW</td><td style="text-align: center;">68</td></tr> <tr><td style="text-align: right;">Adj. WW</td><td style="text-align: center;">601</td></tr> <tr><td style="text-align: right;">Adj. YW</td><td style="text-align: center;">889</td></tr> <tr><td style="text-align: right;">Adj. SC</td><td style="text-align: center;">35</td></tr> <tr><td style="text-align: right;">FS</td><td style="text-align: center;">5.1</td></tr> </table>	BW	68	Adj. WW	601	Adj. YW	889	Adj. SC	35	FS	5.1
BW	68										
Adj. WW	601										
Adj. YW	889										
Adj. SC	35										
FS	5.1										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	18.5	-1.8	58.2	92.0	11.5	33.4	62.5	15.7	-0.14	0.41	-0.020	0.36	147.0	73.1
Rank	3	15			2	1	15	10		30			10	35

Genomic enhanced EPDs.



8161F **MCDF D COMBO PREM BEEF 8161F** 1/2 SM 1/2 AN

ASA #3522743 **Homozygous Black** **Homozygous Polled**
Tattoo: 8161F **BD: 4/1/2018**

<p>Sire: MCDF DUAL COMBO 262Z <small>MF DUAL GAMBLER 57X MF 12X</small></p> <p>Dam: MCDF 321A <small>GW PREMIUM BEEF 021TS MF 15S</small></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>BW</td><td>81</td></tr> <tr><td>Adj. WW</td><td>614</td></tr> <tr><td>Adj. YW</td><td>959</td></tr> <tr><td>Adj. SC</td><td>34.6</td></tr> <tr><td>FS</td><td>5.6</td></tr> </table>	BW	81	Adj. WW	614	Adj. YW	959	Adj. SC	34.6	FS	5.6
BW	81										
Adj. WW	614										
Adj. YW	959										
Adj. SC	34.6										
FS	5.6										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	14.2	-0.6	57.6	92.8	9.0	31.3	60.1	16.2	-0.15	0.25	-0.017	0.57	136.9	66.5
Rank	25	25			15	2	20	4					25	

Genomic enhanced EPDs.

8162F **MCDF DUAL COMBO UNITED 8162F** 1/2 SM 1/2 AN

ASA #3522814 **Homozygous Black** **Homozygous Polled**
Tattoo: 8162F **BD: 4/6/2018**

<p>Sire: MCDF DUAL COMBO 262Z <small>MF DUAL GAMBLER 57X MF 12X</small></p> <p>Dam: MCDF 431B <small>W/C UNITED 956Y MF 39Y</small></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>BW</td><td>89</td></tr> <tr><td>Adj. WW</td><td>700</td></tr> <tr><td>Adj. YW</td><td>1111</td></tr> <tr><td>Adj. SC</td><td>37.9</td></tr> <tr><td>FS</td><td>6.2</td></tr> </table>	BW	89	Adj. WW	700	Adj. YW	1111	Adj. SC	37.9	FS	6.2
BW	89										
Adj. WW	700										
Adj. YW	1111										
Adj. SC	37.9										
FS	6.2										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	17.7	-0.3	74.6	121.2	11.7	29.7	66.9	13.5	-0.13	0.53	-0.035	0.47	152.7	83.9
Rank	4	35	15	10	2	4	4	20		15			5	3

Genomic enhanced EPDs.

8164F **MCDF DUAL PREMIUM PRED 8164F** 1/2 SM 1/2 AN

ASA #3522859 **Homozygous Black** **Homozygous Polled**
Tattoo: 8164F **BD: 4/9/2018**

<p>Sire: MCDF DUAL PREMIUM 571C <small>MF DUAL GAMBLER 57X MCDF 202Z</small></p> <p>Dam: MF 11Y <small>G A R PREDESTINED MF04N</small></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>BW</td><td>85</td></tr> <tr><td>Adj. WW</td><td>583</td></tr> <tr><td>Adj. YW</td><td>854</td></tr> <tr><td>Adj. SC</td><td>36.1</td></tr> <tr><td>FS</td><td>5.7</td></tr> </table>	BW	85	Adj. WW	583	Adj. YW	854	Adj. SC	36.1	FS	5.7
BW	85										
Adj. WW	583										
Adj. YW	854										
Adj. SC	36.1										
FS	5.7										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	8.9	2.3	60.5	93.3	6.0	24.7	54.9	12.6	-0.21	0.45	-0.028	0.60	129.7	68.3
Rank						25	50	35		25			40	

Genomic enhanced EPDs.

8165F **MCDF BRIGADIER CONTRAST 8165F** 1/2 SM 1/2 AN

ASA #3522735 **Homozygous Black** **Homozygous Polled**
Tattoo: 8165F **BD: 4/10/2018**

<p>Sire: MCDF BRIGADIER 487B <small>DKSR MR OLIE X4 MF 08Y</small></p> <p>Dam: MCDF 1311A <small>CONNEALY CONTRAST MF 0604 036 0001OF STRAD</small></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>BW</td><td>90</td></tr> <tr><td>Adj. WW</td><td>656</td></tr> <tr><td>Adj. YW</td><td>1000</td></tr> <tr><td>Adj. SC</td><td>37.1</td></tr> <tr><td>FS</td><td>5.8</td></tr> </table>	BW	90	Adj. WW	656	Adj. YW	1000	Adj. SC	37.1	FS	5.8
BW	90										
Adj. WW	656										
Adj. YW	1000										
Adj. SC	37.1										
FS	5.8										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	6.1	1.9	61.6	100.4	2.5	34.1	64.8	12.8	-0.17	0.53	-0.028	0.59	131.4	72.2
Rank				50		1	10	30		15			35	40

Genomic enhanced EPDs.

8166F **MCDF BRIGADIER BIG EYE 8166F** 1/2 SM 1/2 AN

ASA #3522837 **Homozygous Black** **Homozygous Polled**
Tattoo: 8166F **BD: 4/16/2018**

<p>Sire: MCDF BRIGADIER 487B <small>DKSR MR OLIE X4 MF 08Y</small></p> <p>Dam: MF 0907 BIG EYE 878 <small>ALC BIG EYE D09N MF 0211 68075668 OFND878</small></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>BW</td><td>90</td></tr> <tr><td>Adj. WW</td><td>581</td></tr> <tr><td>Adj. YW</td><td>994</td></tr> <tr><td>Adj. SC</td><td>34.4</td></tr> <tr><td>FS</td><td>6.1</td></tr> </table>	BW	90	Adj. WW	581	Adj. YW	994	Adj. SC	34.4	FS	6.1
BW	90										
Adj. WW	581										
Adj. YW	994										
Adj. SC	34.4										
FS	6.1										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	5.4	4.4	73.6	124.3	1.4	27.0	63.7	13.0	-0.18	0.48	-0.031	0.84	132.6	74.8
Rank			20	10		15	10	30		20		15	35	25

Genomic enhanced EPDs.

8167F **MCDF BRIGADIER LIMELIGHT 8167F** 1/2 SM 1/2 AN

ASA #3522730 **Homozygous Black** **Homozygous Polled**
Tattoo: 8167F **BD: 4/17/2018**

<p>Sire: MCDF BRIGADIER 487B <small>DKSR MR OLIE X4 MF 08Y</small></p> <p>Dam: MCDF 1307A <small>W H S LIMELIGHT 64V MF0710 9908 8286OF1407</small></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>BW</td><td>90</td></tr> <tr><td>Adj. WW</td><td>611</td></tr> <tr><td>Adj. YW</td><td>1026</td></tr> <tr><td>Adj. SC</td><td>35.5</td></tr> <tr><td>FS</td><td>5.6</td></tr> </table>	BW	90	Adj. WW	611	Adj. YW	1026	Adj. SC	35.5	FS	5.6
BW	90										
Adj. WW	611										
Adj. YW	1026										
Adj. SC	35.5										
FS	5.6										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	9.0	2.6	72.8	119.7	4.9	25.3	61.6	15.2	-0.12	0.60	-0.018	0.84	142.4	79.5
Rank			20	10		25	15	10		10		15	15	10

Genomic enhanced EPDs.

8168F **MCDF DUAL COMBO LIMELIGHT 8168F** 1/2 SM 1/2 AN

ASA #3522774 **Homozygous Black** **Homozygous Polled**
Tattoo: 8168F **BD: 4/24/2018**

<p>Sire: MCDF DUAL COMBO 262Z <small>MF DUAL GAMBLER 57X MF 12X</small></p> <p>Dam: MCDF 322A <small>W H S LIMELIGHT 64V MF 25U</small></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>BW</td><td>104</td></tr> <tr><td>Adj. WW</td><td>739</td></tr> <tr><td>Adj. YW</td><td>1160</td></tr> <tr><td>Adj. SC</td><td>37.9</td></tr> <tr><td>FS</td><td>6.7</td></tr> </table>	BW	104	Adj. WW	739	Adj. YW	1160	Adj. SC	37.9	FS	6.7
BW	104										
Adj. WW	739										
Adj. YW	1160										
Adj. SC	37.9										
FS	6.7										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	8.0	3.0	82.0	131.1	6.5	24.3	65.2	14.5	-0.25	0.49	-0.042	1.18	138.1	81.9
Rank			4	3	50	30	5	15	50	20	50	1	20	10

Genomic enhanced EPDs.

8188F **MCDF ROBUST DUAL GAMBLER 8188F** 5/8 SM 3/8 AN

ASA #3522710 **Homozygous Black** **Homozygous Polled**
Tattoo: 8188F **BD: 2/22/2018**

<p>Sire: GW ROBUST 605Z <small>GW PREMIUM BEEF 021TS GW MISS GPRD 123X</small></p> <p>Dam: MCDF 412B <small>MF DUAL GAMBLER 57X MCDF 229Z</small></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>BW</td><td>70</td></tr> <tr><td>Adj. WW</td><td>554</td></tr> <tr><td>Adj. YW</td><td>928</td></tr> <tr><td>Adj. SC</td><td>34.6</td></tr> <tr><td>FS</td><td>4.9</td></tr> </table>	BW	70	Adj. WW	554	Adj. YW	928	Adj. SC	34.6	FS	4.9
BW	70										
Adj. WW	554										
Adj. YW	928										
Adj. SC	34.6										
FS	4.9										

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	16.4	0.1	71.4	108.9	7.7	24.5	60.1	14.8	-0.31	0.55	-0.043	1.01	146.6	81.7
Rank	10	40	25	30	30	30	20	10	30	10	50	3	10	10

Genomic enhanced EPDs.



8189F **MCDF GRADUATE DUAL FOCUS 8189F** 5/8 SM 3/8 AN
 ASA #3522691 Homozygous Black Homozygous Polled
 Tattoo: 8189F BD: 3/9/2018

Sire: S D S GRADUATE 006X	HOOKS SHEAR FORCE 38K	<table border="1"> <tr><td>BW</td><td>88</td></tr> <tr><td>Adj. WW</td><td>578</td></tr> <tr><td>Adj. YW</td><td>1005</td></tr> <tr><td>Adj. SC</td><td>36.4</td></tr> <tr><td>FS</td><td>5.1</td></tr> </table>	BW	88	Adj. WW	578	Adj. YW	1005	Adj. SC	36.4	FS	5.1
BW	88											
Adj. WW	578											
Adj. YW	1005											
Adj. SC	36.4											
FS	5.1											
	S D S QUEEN 814U											
Dam: MF 05W	TNT DUAL FOCUS T249	<table border="1"> <tr><td>BW</td><td>87</td></tr> <tr><td>Adj. WW</td><td>591</td></tr> <tr><td>Adj. YW</td><td>886</td></tr> <tr><td>Adj. SC</td><td>35.2</td></tr> <tr><td>FS</td><td>4.4</td></tr> </table>	BW	87	Adj. WW	591	Adj. YW	886	Adj. SC	35.2	FS	4.4
BW	87											
Adj. WW	591											
Adj. YW	886											
Adj. SC	35.2											
FS	4.4											
	MF 40T											

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	9.6	1.0	79.3	125.1	4.9	19.5	59.1	11.3	-0.27	0.15	-0.045	0.70	119.9	74.0
Rank			10	5			25	50	40		50	35		30

Genomic enhanced EPDs.

8190F **MCDF D COMBO VELOCITY 8190F** 1/2 SM 1/2 AN
 ASA #3522855 Homozygous Black Homozygous Polled
 Tattoo: 8190F BD: 3/14/2018

Sire: MCDF DUAL COMBO 262Z	MF DUAL GAMBLER 57X	<table border="1"> <tr><td>BW</td><td>87</td></tr> <tr><td>Adj. WW</td><td>591</td></tr> <tr><td>Adj. YW</td><td>886</td></tr> <tr><td>Adj. SC</td><td>35.2</td></tr> <tr><td>FS</td><td>4.4</td></tr> </table>	BW	87	Adj. WW	591	Adj. YW	886	Adj. SC	35.2	FS	4.4
BW	87											
Adj. WW	591											
Adj. YW	886											
Adj. SC	35.2											
FS	4.4											
	MF 12X											
Dam: MCDF 523C	TRAXS VELOCITY Y7	<table border="1"> <tr><td>BW</td><td>87</td></tr> <tr><td>Adj. WW</td><td>591</td></tr> <tr><td>Adj. YW</td><td>886</td></tr> <tr><td>Adj. SC</td><td>35.2</td></tr> <tr><td>FS</td><td>4.4</td></tr> </table>	BW	87	Adj. WW	591	Adj. YW	886	Adj. SC	35.2	FS	4.4
BW	87											
Adj. WW	591											
Adj. YW	886											
Adj. SC	35.2											
FS	4.4											
	MF 21X											

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	11.6	0.1	62.9	96.2	7.5	27.1	58.5	16.1	-0.21	0.40	-0.035	0.78	136.7	72.1
Rank		40			30	15	30	4		30		25	25	40

Genomic enhanced EPDs.

8194F **MCDF PATHWAY E MONEY 8194F** PB SM
 ASA #3522870 Homozygous Black Homozygous Polled
 Tattoo: 8194F BD: 3/25/2018

Sire: CCR PATHWAY 9354Y	IR EXPEDITION W413	<table border="1"> <tr><td>BW</td><td>90</td></tr> <tr><td>Adj. WW</td><td>552</td></tr> <tr><td>Adj. YW</td><td>910</td></tr> <tr><td>Adj. SC</td><td>35.7</td></tr> <tr><td>FS</td><td>5</td></tr> </table>	BW	90	Adj. WW	552	Adj. YW	910	Adj. SC	35.7	FS	5
BW	90											
Adj. WW	552											
Adj. YW	910											
Adj. SC	35.7											
FS	5											
	CCR MS 5098 9354W											
Dam: MCDF 518C	TJ EASY MONEY 101W	<table border="1"> <tr><td>BW</td><td>90</td></tr> <tr><td>Adj. WW</td><td>552</td></tr> <tr><td>Adj. YW</td><td>910</td></tr> <tr><td>Adj. SC</td><td>35.7</td></tr> <tr><td>FS</td><td>5</td></tr> </table>	BW	90	Adj. WW	552	Adj. YW	910	Adj. SC	35.7	FS	5
BW	90											
Adj. WW	552											
Adj. YW	910											
Adj. SC	35.7											
FS	5											
	MCDF 218Z											

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	14.1	0.2	60.8	95.8	8.6	29.2	59.5	16.5	-0.10	0.57	-0.032	0.41	142.4	75.0
Rank	10	20			10	4	30	2		1			10	20

Genomic enhanced EPDs.

8195F **MCDF DUAL PREM PATHWAY 8195F** 1/2 SM 1/2 AN
 ASA #3522782 Homozygous Black Homozygous Polled
 Tattoo: 8195F BD: 4/7/2018

Sire: MCDF DUAL PREMIUM 571C	MF DUAL GAMBLER 57X	<table border="1"> <tr><td>BW</td><td>87</td></tr> <tr><td>Adj. WW</td><td>572</td></tr> <tr><td>Adj. YW</td><td>951</td></tr> <tr><td>Adj. SC</td><td>32</td></tr> <tr><td>FS</td><td>6.2</td></tr> </table>	BW	87	Adj. WW	572	Adj. YW	951	Adj. SC	32	FS	6.2
BW	87											
Adj. WW	572											
Adj. YW	951											
Adj. SC	32											
FS	6.2											
	MCDF 202Z											
Dam: MCDF 540C	CCR PATHWAY 9354Y	<table border="1"> <tr><td>BW</td><td>87</td></tr> <tr><td>Adj. WW</td><td>572</td></tr> <tr><td>Adj. YW</td><td>951</td></tr> <tr><td>Adj. SC</td><td>32</td></tr> <tr><td>FS</td><td>6.2</td></tr> </table>	BW	87	Adj. WW	572	Adj. YW	951	Adj. SC	32	FS	6.2
BW	87											
Adj. WW	572											
Adj. YW	951											
Adj. SC	32											
FS	6.2											
	MF CC&7 1407 1208											

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	13.7	0.7	61.9	99.8	8.2	27.3	58.2	13.2	-0.08	0.79	-0.012	0.59	155.4	80.3
Rank	30			50	20	15	30	25		1			4	10

Genomic enhanced EPDs.

ASA EPD DEFINITIONS

EXPECTED PROGENY DIFFERENCES (EPDS): EPDs are the most accurate and effective tool available for comparing genetic levels. In using EPDs, the difference between two sires' EPDs represents the unit difference expected in the performance of their progeny. For example, if sires A and B have EPDs of +10 and -5, a 15-unit difference would be expected in their progeny (moving from -5 to +10 yields 15 units). Key to using EPDs is knowing in what units they are expressed. For example, if the above case referred to weaning weight EPDs, sire A would be expected to sire 15 pounds more weaning weight than sire B. If calving ease was the trait, sire A would be expected to sire 15 percent more unassisted births in first-calf heifers; in other words, if sire B sired 30 assists in a group of 100 heifers, we would expect sire A to require 15 assists. A percentile-ranking chart is required to determine where a bull's EPDs rank him relative to other bulls in the breed. For more detailed information about EPDs and \$ indexes, visit www.simmental.org.

Listed below are the units in which ASA EPDs are expressed:

ALL-PURPOSE INDEX (API): Dollars per cow exposed under an all-purpose-sire scenario. (See \$ Indexes for more details.)

BACK FAT (BF): Inches of carcass backfat at 475 days.

BIRTH WEIGHT (BW): Pounds of birth weight.

CALVING EASE (CE): Percent of unassisted births when used on heifers.

CARCASS WEIGHT (CW): Pounds of carcass weight at 475 days.

DOCILITY (DOC): Percent of offspring receiving a disposition score of 1 (docile).

MATERNAL CALVING EASE (MCE): Percent of unassisted births in first-calving daughters.

MILK (MLK): Pounds of weaning weight due to milk.

MARBLING (MARB): Carcass marbling score at 475 days.

MATERNAL WEANING WEIGHT (MWW): Pounds of weaning weight due to milk and growth.

RIBEYE AREA (REA): Square inches of carcass ribeye at 475 days.

TERMINAL INDEX (TI): Dollars per cow exposed under a terminal-sire scenario. (See TI for more details.)

WEANING WEIGHT (WW): Pounds of weaning weight.

YEARLING WEIGHT (YW): Pounds of yearling weight.

YIELD GRADE (YG): Carcass yield grade score at 475 days.

\$ INDEXES: Though EPDs allow for the comparison of genetic levels for many economically important traits, they only provide pieces of the economic puzzle. This is where \$ indexes come in. Through well-conceived, rigorous mathematical computation, \$ indexes blend EPDs and economics to estimate an animal's overall impact on integrated commercial production. The same technology that led to the dramatic progress in swine, poultry and dairy genetics over the last several decades was used to develop the following \$ indexes:

ALL-PURPOSE INDEX (API): Evaluates sires for use on the entire cow herd (bred to both Angus first-calf heifers and mature cows) with the portion of their daughters required to maintain herd size retained and the remaining heifers and steers put on feed and sold grade and yield.

TERMINAL INDEX (TI): Evaluates sires for use on mature Angus cows with all offspring put on feed and sold grade and yield.



PUREBRED ANGUS

1850F MF 1850 WHITLOCK COMRADE PB AN
 ASA #3522758 Homozygous Black Homozygous Polled
 AAA 19391392 Tattoo: 1850F BD: 2/4/2018

Sire: S WHITLOCK 179	BW	66
S CHISUM 6175	Adj. WW	554
S PRIDE ANNA 709	Adj. YW	987
Dam: MF COMRADE RREV 1603	Adj. SC	33.6
CONNEALY COMRADE 1385	FS	4.1
MF RITO REV ND454 1408		

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	16.9	-1.8	65.2	107.4	9.7	22.9	55.4	18.9	0.15	0.84	0.052	0.45	137.4	73.3
Rank	10	15	50	30	10	40	45	1		1			25	35

AN	CED	BW	WW	YW	CEM	MILK	MW	CW	MARB	FAT	RE	\$W	\$F	\$B
EPD	13	-1.4	59	110	13	25		51	0.52	0.030	0.62	53.10	76.79	151.05
Rank	10	10	30	20	10	40		20	50		35	35	20	20

Genomic enhanced EPDs.

1852F MF 1852 RANCHER BIG EYE PB AN
 ASA #3522723 Homozygous Black Homozygous Polled
 AAA 19391394 Tattoo: 1852F BD: 2/7/2018

Sire: ROCK CREEK RANCHER 1495	BW	76
PA FULL POWER 1208	Adj. WW	529
BAF FOREVER LADY 1080	Adj. YW	895
Dam: MF BIGEYE ND454 1610	Adj. SC	35.8
ALC BIG EYE D09N	FS	3.9
MF NEW DAY 454 1407 1110		

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	18.5	-2.3	59.4	96.6	8.8	18.7	48.3	16.1	0.08	1.11	0.078	0.41	160.4	77.2
Rank	3	10				15		4		1			2	20

AN	CED	BW	WW	YW	CEM	MILK	MW	CW	MARB	FAT	RE	\$W	\$F	\$B
EPD	14	-0.7	46	92	9	30		24	0.83	0.026	0.71	44.68	52.43	108.49
Rank	4	15				45	15		20		25		45	

Genomic enhanced EPDs.

1853F MF 1853 RANCHER ABSOLUTE PB AN
 ASA #3522737 Homozygous Black Homozygous Polled
 AAA 19391391 Tattoo: 1853F BD: 2/8/2018

Sire: ROCK CREEK RANCHER 1495	BW	68
PA FULL POWER 1208	Adj. WW	592
BAF FOREVER LADY 1080	Adj. YW	990
Dam: MF ABSOLUTE TRUST 1602	Adj. SC	31.8
MF TRUST CC&7 1401	FS	5.2

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	16.2	-2.8	60.4	100.0	6.6	25.2	55.3	11.9	0.11	0.67	0.058	0.52	128.3	67.6
Rank	10	5		50	50	25	45	45		3			40	

AN	CED	BW	WW	YW	CEM	MILK	MW	CW	MARB	FAT	RE	\$W	\$F	\$B
EPD	16	-2.5	50	100	10	28		33	0.88	0.023	0.59	48.05	64.44	129.79
Rank	1	2		35	35	20			15		40	50	30	40

Genomic enhanced EPDs.

1854F MF 1854 ELATION CONNECTION PB AN
 ASA #3522767 Homozygous Black Homozygous Polled
 AAA 19391383 Tattoo: 1854F BD: 2/20/2018

Sire: HOOVER ELATION M123	BW	78
BASIN EXCITEMENT	Adj. WW	595
PRIDE OF ELLSTON K68	Adj. YW	992
Dam: MCDF 1308A	Adj. SC	35.5
S A F CONNECTION	FS	4.6
MF FOCUS MAKER 0811		

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	17.9	-1.7	62.9	106.6	9.5	25.8	57.2	18.0	0.31	1.02	0.079	0.05	153.6	76.1
Rank	4	15		35	10	20	35	2		1			4	20

AN	CED	BW	WW	YW	CEM	MILK	MW	CW	MARB	FAT	RE	\$W	\$F	\$B
EPD	13	-0.5	50	95	12	25	25	35	0.52	0.051	0.40	47.82	55.11	115.93
Rank	10	15		45	15	40			50			50	45	

Genomic enhanced EPDs.

1855F MF 1855 BRONC ACCELERATE PB AN
 ASA #3522788 Homozygous Black Homozygous Polled
 AAA 19391389 Tattoo: 1855F BD: 2/21/2018

Sire: BALDRIDGE BRONC	BW	84
EF COMMANDO 1366	Adj. WW	655
BALDRIDGE ISABEL Y69	Adj. YW	1072
Dam: MF 1509 ACCEL OBJECTIVE	Adj. SC	34
RATHBUN ACCELERATE Z523	FS	5.4
MF OBJECTIVE 1407 1213		

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	13.2	-0.2	73.6	117.5	9.8	21.0	57.7	14.8	0.06	0.69	0.055	0.63	127.9	72.3
Rank	35	35	20	15	10		35	10		3		50	45	40

AN	CED	BW	WW	YW	CEM	MILK	MW	CW	MARB	FAT	RE	\$W	\$F	\$B
EPD	9	0.8	63	112	11	31		42	0.57	0.011	0.63	60.11	77.65	140.62
Rank	30	40	20	20	25	10		40	45	50	35	20	15	25

Genomic enhanced EPDs.

1859F MF 1859 ELATION BIG EYE PB AN
 ASA #3522732 Homozygous Black Homozygous Polled
 AAA 19391382 Tattoo: 1859F BD: 2/27/2018

Sire: HOOVER ELATION M123	BW	76
BASIN EXCITEMENT	Adj. WW	569
PRIDE OF ELLSTON K68	Adj. YW	942
Dam: MCDF 1305A	Adj. SC	35.8
ALC BIG EYE D09N	FS	4.9
MF0711 0310 EXPT OF 1407		

SM	CE	BW	WW	YW	MCE	MILK	MWW	DOC	YG	MARB	BF	REA	API	TI
EPD	16.8	-2.0	53.1	90.2	8.7	27.7	54.2	15.1	0.17	0.76	0.064	0.47	133.2	64.8
Rank	10	10				15	10	10		2			30	

AN	CED	BW	WW	YW	CEM	MILK	MW	CW	MARB	FAT	RE	\$W	\$F	\$B
EPD	13	-0.3	43	87	12	26	24	28	0.45	0.040	0.52	40.43	45.38	99.46
Rank	10	20				15	35				50			

Genomic enhanced EPDs.



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