

10th Annual Red Angus Bull & Female Sale

## March 2nd, 2024 in Mill Hall, PA

Lunch Time 12:00 NOON • Sale Time 1:00 PM EST



## Index:

About Us	1
Reference Sires	2
Pennsylvania Bull Credit Program & Foot and Leg Scoring Reference	
Registered Red Angus Yearling Bulls	
Registered Red Angus Elite Yearling Heifers	
Semen Now Available	
Sale Terms & Conditions / Understanding EPD's	Inside Back Cover

### Join us at noon on sale day for lunch!

## **Directions:**

Chappell Red Angus is located at 94 Chappell Lane, Mill Hall, PA

From I-80, take the Lock Haven exit (exit 178) Turn onto 220N and proceed to the first exit on the right (Mackeyville/Rote exit)

Turn right onto Auction Road (State Rt 2008) and proceed 1.7 miles to stop sign

Go straight at stop sign and proceed 0.3 miles Take first left onto Eisenhower Cross Rd/T364 and proceed 1 mile to stop sign

Turn left onto East End Mountain Rd/T359 and proceed 0.3 miles

Take first right onto Chappell Lane

## **Lodging:**

Brown's Hill Tavern & Motel 717 Browns Hill Road Mill Hall, PA 17751 (570) 726-3090

> Comfort Inn 31 Hospitality Lane Mill Hall, PA 17751 (570) 726-4901

Hampton Inn & Suites 24 Hospitality Lane Mill Hall, PA 17751 (570) 726-3939

# Visit Our Website: www.chappellredangus.com

Www.cnappeureaangus.com
View our website for additional pictures, videos &
supplemental data information on all animals.

#### For Cattle Insurance

Contact: Jame Krieger by text or phone on sale day: (812)208-0956

## Sale Day Phones:

Dan Chappell: 570-263-0410

Erica Chappell: 814-876-6529

Kyle Gilchrist: 641-919-1077

Wade Vonada: 507-263-0094

Rob Hess: 717-821-1782

RAAA Representative

Lindsay Upperman PhD: 717-816-0706 (Red Angus Representative)

## **Special Note:**

All animals have been ultrasounded for carcass data. All bulls have been semen tested. All animals have also been GGP-LD/50K tested. Supplemental data sheets will be provided sale day for any missing or updated information. Updates will also be posted on www.chappellredangus.com as they become available.

All delivery in PA and surrounding states will be free of charge. Also, Dan is planning a western run to at least Iowa and possibly Oneal, Nebraska. If you are in the midwest and can meet us on I-80, that would be great. Please make tentative arrangements before the sale. Any animals taken home sale day will receive \$100 per head discount. We recommend purchasing life insurance immediately after your purchase.

#### Red Angus Feeder Calf Certification Program Tags



- Traceability to at least 50% Red Angus Bloodlines
- Source Verified to the Ranch of Origin
  - Group Age Verified



Friends and Fellow Cattlemen,

First off, we would like to thank all our past customers over the last 9 years for buying our cattle through the Keystone Elite sale, which has always been hosted at our farm. Your support is greatly appreciated, and we value your trust in our genetics. However, all good things must come to an end and we have decided not to participate in the Keystone Elite this year. We have decided to cut back on our cattle numbers in order to pursue some of our other passions in life (fly fishing, archery hunting, and other outdoor activities) because, well, life is just too short!

We would like to thank Jim Jones and Swank Farm for a great partnership over the last 9 years, you will not find a better person and a more devoted partner than Jim. We would also like to thank Jim's right hand man "Disco" Donny Ritenour. A special thanks to Craig Davis and Steve Harris of Wrights Mills Farm, who helped provide us with enough animals to have an auction over the last 9 years. Having said all that, the Keystone Elite Sale still lives and will continue as a joint sale with Swank Farm and C. Davis Farms on its normal date.

We now would like to welcome you to the Chappell Red Angus annual bull & female sale! Our mission is to provide breed leading, PROVEN genetics to our customers. Our genetics are PROVEN from years of submitting ALL the data possible to the RAAA. This includes twelve years of reporting ultrasound carcass data, GGP genomic enhanced EPDs, birth weights, weaning weights and yearling weights. By submitting all this data, our cattle either excel or fail, allowing us to choose the genetics that are working the best. Our accuracies on our yearling animals are higher than most cattle being sold in the US because we have been submitting the data for years. Please compare the data and accuracies on our cattle to other cattle you are considering buying.

By keeping our cow numbers low, we are able do more embryo work to bring you the highest quality genetics possible. This year, we were able to bring in cattle from a few top-notch cooperators to bring you the best cattle they have to offer out of over 300 mother cows. All sale animals have been raised at our farm from weaning to yearling. All the bulls have undergone and passed an extensive Breeding Soundness Exam (BSE). Most of the bulls are eligible for the PA Bull Credit Program for our PA customers.

While this is a small group of cattle we are selling, we feel this is the best group of heifers and bulls we have ever sold to date. We have added foot scoring to the list of data we are offering, as we feel this data is important when making your cattle selections.

We would like to personally invite you to come by for a visit and evaluate the cattle anytime. We will have all the animals penned on Friday before the sale. We will have dinner around 5pm on Friday, March 1st. Lunch will be provided at noon on Saturday with the sale starting at 1pm (EST). The sale videos will be available for viewing 1-2 weeks prior to the sale on our website as well as on DV Auction. If you are unable to attend the sale, the sale will be broadcast live via DV Auction. We truly look forward to seeing you on sale day, whether you intend to bid, buy or just come by to visit!











**GMRA Tesla 6214** 

**Bieber Blue Chip** 

LSF SRR President

Bieber CL Stockmarket

#### **GMRA Tesla 6214**

Reg #: 3538390 GMRA TRILOGY 0226 x **GMRA PEACEMAKER 1216** 

Pro	S	HB	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY	MARB	YG	CW	REA	FAT
16	1	105	56	14	-3.4	72	120	0.30	1.86	36	12	14	13	21	0.53	0.14	39	0.22	0.04
29	6	1%	21%	31%	24%	21%	17%	16%	77%	2%	87%	23%	1%	3%	30%	79%	13%	33%	77%

#### **Bieber Blue Chip H302**

Reg #: 4303789 BIEBER CL STOCKMARKET E119 x **BIEBER IRON ORE A104** 

ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY	MARB	YG	CW	REA	FAT
154	93	61	21	-6.6	71	113	0.27	2.05	27	4	12	14	19	0.90	0.11	27	0.32	0.05
3%	4%	16%	1%	2%	25%	27%	31%	87%	38%	47%	50%	1%	10%	3%	66%	41%	21%	94%

#### LSF SRR President 8177F

Reg #: 3925037 LSF SRR COMMANDER 5906C x LSF NIGHT CALVER 9921W

ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY	MARB	YG	CW	REA	FAT
171	107	64	15	-4.7	77	114	0.23	1.14	35	-9	10	12	19	0.83	-0.06	22	0.44	0.01
1%	1%	13%	22%	10%	11%	26%	57%	22%	3%	8%	76%	3%	10%	5%	9%	55%	12%	33%

#### **Bieber CL Stockmarket E119**

Reg #: 3751659 PIE STOCKMAN 4051 x **ANDRAS FUSION R236** 

ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY	MARB	YG	CW	REA	FAT
123	57	65	16	-4.9	80	134	0.34	2.66	23	12	16	12	12	1.19	0.15	23	0.31	0.08
13%	39%	12%	13%	9%	8%	6%	6%	99%	71%	87%	9%	2%	74%	1%	82%	54%	22%	99%

#### **HXC Dawson 7003E**

Reg #: 3816299 LEACHMAN PLEDGE A282Z x **BECKTON NEBULA P P707** 

Ī	ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY	MARB	YG	CW	REA	FAT
Г	126	61	65	17	-4.3	73	123	0.31	1.72	31	8	13	6	18	0.67	0.12	32	0.02	0.01
Γ	11%	32%	13%	8%	13%	18%	14%	12%	67%	14%	73%	30%	65%	16%	14%	68%	26%	69%	31%

## C-T Red Rock 5033 Reg #: 3471552

BROWN JYJ REDEMPTION Y1334 x RED CROWFOOT OLE'S OSCAR

ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY	MARB	YG	CW	REA	FAT
164	91	73	18	-5.9	61	111	0.31	1.75	35	10	8	11	22	0.76	0.00	23	0.16	-0.00
2%	5%	7%	6%	4%	54%	31%	13%	69%	3%	80%	94%	4%	1%	8%	21%	52%	43%	16%

Chappell Home Run H418
Reg #: 4250075
FEDDES BRUNSWICK D202 x **BROWN PACESETTER Y7170** 

ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY	MARB	YG	CW	REA	FAT
159	93	66	15	-1.9	77	123	0.29	2.40	32	10	11	9	21	0.85	-0.09	33	0.83	0.03
2%	4%	12%	25%	48%	12%	14%	19%	97%	9%	80%	59%	18%	2%	4%	7%	25%	2%	71%

GM Atomic Sky 904 Reg #: 4122652 **BIEBER CL ATOMIC C218 x** FEDDES BIG SKY R9

ı	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY	MARB	YG	CW	REA	FAT
	56	9	48	18	-3.0	87	155	0.43	2.86	29	27	15	11	8	0.39	0.16	45	0.10	0.02
	83%	95%	32%	6%	29%	3%	1%	1%	99%	24%	99%	11%	4%	97%	55%	83%	7%	54%	44%

# Chappell General Custer J448 Reg #: 4410653 GM ATOMIC SKY 904 x

5L DEFENDER 560-30Z

Ø	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY	MARB	YG	CW	REA	FAT
	97	43	54	17	-3.5	75	125	0.31	2.43	29	18	15	9	14	0.86	0.12	24	0.26	0.05
	38%	63%	23%	10%	22%	14%	12%	11%	97%	24%	97%	15%	22%	61%	4%	68%	50%	28%	93%

GMRA Origin 0282H

Reg #: 4293287

3SCC DOMAIN A163 x FRITZ JUSTICE 8013

1	ProS	HB	GM	CED	BW	${\tt WW}$	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY	MARB	YG	CW	REA	FAT
	93	57	35	16	-2.6	68	109	0.25	1.89	31	11	12	7	17	0.49	0.18	30	0.23	0.07
	43%	39%	52%	14%	36%	32%	35%	41%	79%	15%	85%	39%	44%	24%	37%	89%	33%	32%	98%

## Chappell Empire F375 Reg #: 3869397

3SCC DOMAIN A163 x 5L INDEPENDENCE 560-298Y

ProS	HB	GM	CED	BW	WW	ΥW	ADG	DMI	MILK	ME	HPG	CEM	STAY	MARB	YG	CW	REA	FAT
77	24	52	12	0.1	82	128	0.29	2.03	28	19	14	2	15	0.57	0.11	41	0.23	0.02
64%	85%	25%	64%	79%	7%	9%	20%	87%	34%	98%	23%	96%	49%	25%	65%	10%	32%	50%

#### **BW Brutus 2007**

Reg #: 4229912 3SCC DOMAIN A163 x **BROWN ORACLE B112** 

ı	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY	MARB	YG	CW	REA	FAT
I	123	54	68	18	-2.0	71	116	0.28	1.44	26	10	13	8	16	0.63	0.09	36	0.21	0.02
	13%	43%	10%	6%	46%	25%	22%	22%	43%	48%	79%	31%	32%	38%	18%	58%	18%	35%	50%



Attention PA customers: Most of these bulls qualify for the PA Bull Credit Program, which qualifies you for a \$1,000 credit towards your bull purchase. For more information on the program, visit https://www.beefexcellence.com/bull-credit-program. Look for the keystone symbol to identify bulls that qualify.

A special thanks to our cooperators for entrusting us with some of your best genetics to raise and develop from weaning to yearling.

Jason Arthur - Little Creek Livestock - LeRoy, WV Jim Ellenburger - Martin Hill Livestock - Kittanning, PA Alden Homan - Centre Hall, PA Stanley Matthews - Matthews Circle K Farm - Tioga, PA Dan & Becky Metz - Utica, PA Buddy Wessner - B. Wessner Farms - New Tripole, PA Whitley Red Angus - Horton, AL

## **Foot and Leg Scoring Reference**

CLAW SHAPE Reference: Shape (primarily curl) and uneveness of the claw set.









Desirable









Open Divergent FOOT ANGLE

Reference: Strength of pastern, depth of heel and length of foot.



















Shallow Feet Angle

Steep Feet Angle

Reference: Angle measured at the front of the hock.















Straight Rear Leg

Desirable

Sickle Hocked Rear Leg

Lot 1: 11 EPD's in the Top 10%, & BW - 77 WW - 826 YW - 1354

#### **CHAPPELL SUPER DUTY L476** Lot 1

Born: 1/6/23

Reg #: 4738991

**GMRA TRILOGY 0226 GMRA TESLA 6214** 

**GMRA ANGIE ROSE 448** 

**HXC PATENT 6608D CHAPPELL ADELLE F383** CH ADELLE 3033

BW ACT:	77
205 Wt:	826
365 Wt:	1354
REA:	14.19
FAT:	0.39
IMF:	5.21
Frame Sc:	5.9
Foot Sc:	6+



(	GG	P	LD	>

MARB	YG	CW	REA	FAT				
				0.02				
21%	21%	1%	1%	45%				
HILV ME LIDO CEM CTAV								

			_						21/	0 21	.70 17	0 1/0	1370
ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY
												10	
2%	9%	8%	38%	10%	10%	10%	14%	98%	3%	97%	36%	7%	7%



**Lot 1:** Wow! Every so often, a bull does everything right in a big way and Chappell Super Duty L476 is that bull. This GMRA Tesla 6214 sired bull changes the definition of a low birth to high growth bull with a 77lb actual BW to a 826lb WW (115 ratio), and a 1354lb YW (107 ratio). He provides off the charts carcass data with a 5.21 IMF

**GMRA Tesla 6214** (135 ratio) and a 14.19 REA (107 ratio). He also excels in all maternal traits with high STAY, CEM, ProS, and HB indexes. His dam, Chappell Adelle F383, has a 109 MPPA and the Adelle cow family has produced several high selling bulls and females for our program. He checks all the boxes for a big-time herd bull prospect. Retaining 50% interest.



Lot 2: 3 EPD's in the Top 1%, REA - 6% & MARB - 8%

### Lot 2 CHAPPELL BLUE MOON L475

Born: 1/5/23

1A

Reg #: 4738999

BIEBER CL STOCKMARKET E119 BIEBER BLUE CHIP H302 BIEBER ROSE 162C BW ACT: 75 205 Wt: 740 365 Wt: 1328 REA: 12.87 FAT: 0.33

FEDDES BRUNSWICK D202
CHAPPELL MARIE J425
CH MARIE 018

 IMF:
 3.64

 Frame Sc:
 5.8

 Foot Sc:
 5+





MARB	YG	CW	REA	FAT
0.72				
8%	48%	24%	6%	93%





Lot 2: Chappell Blue Moon L475 is a definite herd bull prospect. Sired by Bieber Blue Chip H302, he has exceeded all expectations. He is definitely a curve bender that provides a low birth weight to high gains with excellent carcass and maternal values. He is out of

a first calf heifer, Chappell Marie J425, who hails from the great CH Marie 018 cow that has produced high selling bulls in two of our past sales. Retaining 50% interest.



**Lot 3:** 7 EPD's in the Top 10%, & WW - 743 YW - 1327

Lot 3	(	CH	APF	PEL	LN	1A(	GNU	JM L	478		
Born: 1/8/23			1A			F	Reg #:	47	39005		
						В	W A	CT:	84		
GMRA	TRILOG	Y 02	26			2	205 Wt: 74				
GMRA TES						3	65 W	<u>t:</u>	1327		
GMRA	R	EA:		14.72							
	ES BRUN					<u>IN</u>	IMF:				
CHAPPELI	H MS WII					E	Frame Sc: 5.				
11010	TT WIO VVII	NDO.	0110	1100		E	oot S	c:	5+		
PA	7				MAI	RB Y	G CV	V REA	A FAT		
Credit		նն	PL[		0.2	7 0.	09 4	3 0.47	7 0.04		
Languar	85%										
ProS HB GM CE	D BW WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY		
112 79 33 11	-1.4 77	123	0.28	2.01	31	9	12	10	18		
18% 8% 62% 729	60% 6%	8%	15%	91%	9%	84%	38%	6%	14%		



is one of only two bulls in this offering to provide a WW, YW, IMF and REA ratio over 100. He has excelled in every way possible. He is sired by the rare and hard to find GMRA Tesla 6214. On the dam side, Chappell Windsong J427 hit a home run with her first calf with **GMRA Tesla 6214** this herd bull prospect. Our Windsong family goes back to a high selling female from Chain Ranch, HUTCH MS Windsong 7705. Retaining 50% interest.

Lot 3: Chappell Magnum L478 had a 743lb WW (103 ratio), 1327lb YW (105 ratio), 3.87 IMF (100 ratio) and 14.72 REA (111 ratio). He



## Lot 4: 5 EPD's in the Top 1%

#### Lot 4 **CHAPPELL DAYTONA L477**

**GMRA TRILOGY 0226** 

Born: 1/7/23

**GMRA TESLA 6214 GMRA ANGIE ROSE 448** 

FEDDES BRUNSWICK D202 **CHAPPELL MISS MOLLY J437** CHAPPELL MISS MOLLY C330



	and the				
ı	MARB	YG	CW	REA	FAT
	0.55				
	24%	81%	3%	6%	95%
,	MILE Y	AE LII	00 0	'EM	CTAV

Frame Sc:

Foot Sc:

**BW ACT:** 

205 Wt:

365 Wt:

REA:

FAT:

IMF:

71

667

1256

12.5

0.27

3.37

5.7

5+

												CEM	
173	107	66	16	-3	77	133	0.35	1.94	33	8	12	12	22
1%	1%	7%	16%	29%	5%	2%	1%	87%	5%	79%	37%	1%	1%



Lot 4: If you are looking for a GMRA Tesla 6214 sired bull, this is your last chance. Daytona L477 is a genetic masterpiece on both the top and bottom of his pedigree. His dam is a full sister to the \$19,000 Chappell Homerun H418,

our highest selling bull to date. He has the highest growth EPD's in the entire sale along with one of the lowest birth weights. He has 5 EPD categories in the top 1% of the breed: ProS, HB, ADG, CEM, and STAY. He is the complete package for your next herd bull. Retaining 50% interest.

## **Lot 5:** Marb 0.94 - Top 1%

#### Lot 5 **CHAPP-MPKE YUKON 301**

Born: 1/10/23

Reg #: 4791082

608

1104

**BW ACT:** 

205 Wt:

365 Wt:

**LEACHMAN PLEDGE A282Z HXC DAWSON 7003E** HXC C02

5L DEFENDER 560-30Z **CHAPPELL TAMARA E354 CHAPPELL TAMARA C329** 





	RE/	<u> 1:</u>	1	4.45
	FAT	<u>:</u>		0.27
	<u>IMF</u>	<u>:</u>		3.4
	Fra	me S	c:	5.3
	Foo	t Sc		5-6
MARE	3 YG	CW	REA	FAT

MARB	YG	CW	REA	FAT
0.94				
1%	60%	82%	77%	62%

									-70		10	7 0 7 7 7 0	
ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY
95	39	56	15	-3.8	70	114	0.27	1.94	30	7	11	4	16
42%	74%	18%	26%	17%	18%	18%	20%	87%	16%	70%	65%	92%	39%



Lot 5: CHAPP-MPKE Yukon 301 is the only HXC Dawson 7003E sired bull in the sale. With Dawson now deceased, this may be your last chance at a Dawson sired herd bull. His MARB EPD is 0.94,

ranking him in the top 1% of the breed. This carcass data is real; his dam, Chappell Tamara E354, scanned off the charts with an 8.16 IMF (163 ratio) and a 12.27 REA (117 ratio). He is a complete herd bull package with a low birth weight of 73lb to high growth, carcass and maternal values. Dam's MPPA is 105.

# Lot 6: 7 EPD's in the Top 10%

### Lot 6 CHAPPELL SKYLINE L482

Born: 1/25/23

1A

Reg #: 4738995

BIEBER CL ATOMIC C218

GM ATOMIC SKY 904

GM SKY ZARA 703

**BW ACT:** 62 205 Wt: 670 365 Wt: 1215 REA: 13.99 FAT: 0.32 IMF: 2.29 5.0 Frame Sc: Foot Sc: 5-6

HXC PATENT 6608D

CHAPPELL LIBERTY G404

CHAPPELL MISS LIBERTY D342





	MARB	YG	CW	REA	FAT							
	0.67											
	11%	57%	2%	12%	44%							
,	MILK ME TIDO CEM CTAY											

		_	_						119	5/	%	2%	12%	44%
ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HP	G	CEM	STAY
														12
32%	94%	2%	5%	4%	31%	10%	2%	99%	46%	99%	52	%	7%	78%



Lot 6: Chappell Skyline L482 comes from the Molly/Liberty cow family on the bottom side, which has produced some of the best genetics to ever sell at Chappell Red Angus. We hate to call him a heifer bull, but with a 62lb BW, why not? He

is heavily muscled, dark red and offers growth with a top 2% ADG. He is way more than just a heifer bull with extra growth and top carcass traits to match.

# Lot 7: MILK in the Top 3%

### Lot 7 CHAPP-JLW INFLUENCE 5700

Born: 2/23/23

1A

Reg #: 4786582

3SCC DOMAIN A163 GMRA ORIGIN 0282H GMRA LARKABA 527 BW ACT: 71
205 Wt: 697
365 Wt: 1226
REA: 11.46
FAT: 0.33
IMF: 3.1
Frame Sc: 5.4
Foot Sc: 5+

LSF SRR PROSPECT 5475C

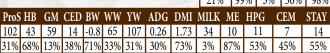
JLW DORY BELLE 5057

JLW DORY BELLE 3925

 MARB
 YG
 CW
 REA
 FAT

 0.57
 0.23
 45
 0.20
 0.06

 21%
 99%
 3%
 36%
 98%





Lot 7: CHAPP-JLW Influence 5700 has a starstudded pedigree on both sides. His dam, JLW Dorie Belle 5057, has a 103 MPPA. The maternal grand dam has a 106 MPPA. Maternally you won't

find a better pedigree going way back to the Larson Doryjiba 390 cow. He is long-bodied, cherry red, chisel fronted do everything type bull. If you need a bull to change the direction of your cow herd and are retaining females for your future this is the bull you're looking for.

## Lot 8: Excellent Feet & Legs

#### Lot 8 **CHAPP-HW GENESIS 5695**

Reg #: 4786584 Born: 2/15/23

3SCC DOMAIN A163 **GMRA ORIGIN 0282H GMRA LARKABA 527** 

**BROWN P707 Y7002 HW FAYETTE 4954** C-T FAYETTE 0975

Neg #. 47	00004
BW ACT:	70
205 Wt:	672
365 Wt:	1095
REA:	10.93
FAT:	0.27
<u>IMF:</u>	2.71
Frame Sc:	5.1
Foot Sc:	5-6



MARB	YG	CW	REA	FAT
0.47				
38%	93%	37%	56%	96%

									507	0 /2	70 0	7 70	5070	7070
ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	Cl	EM	STAY
							0.27							
45%	41%	52%	41%	67%	33%	27%	23%	82%	11%	86%	59%	ó 5	8%	20%



Lot 8: CHAPP-HW Genesis 5695 is one stop shop for a "do it all" bull purchase. He offers a flawless phenotype with excellent feet and legs and travels exceptionally well. Expect light birthweights with explosive growth out of his calves. With Domain

on the top side and Brown P707 on the bottom side, along with the paternal granddam having a 107 MPPA, you will probably want to retains his heifers to improve your genetics.

## Lot 9: 6 EPD's in the Top 13%

#### Lot 9 CHAPP-HOMAN TOUCHDOWN 2301

Born: 1/7/23 Reg #: 4786586

**FEDDES BRUNSWICK D202 CHAPPELL HOME RUN H418** 

HUTC

CHAPPELL MISS MOLLY C330	REA:
BUF CRK THE RIGHT KIND U199 CH MS WINDSONG 7705 HARMONYS WINDSONG 111	FAT: IMF: Frame Foot S

1	Bull Credit Eligible		(	GG	<b>P</b> L[	
POC LIB	CM CED	DM	TATTAT	VW	ADC	DMI

IMF: 4.43 Frame Sc: 6.0 Foot Sc: MARB YG CW REA FAT 0.66 | -0.02 | 17 | 0.27 | 0.01 12% | 13% | 78% | 23% | 42% MILK ME HPG 118 86 32 13 -1.1 64 90 0.17 1.75 28 12% 4% 63% 45% 65% 40% 67% 86% 75% 34% 54% 35%

**BW ACT:** 

205 Wt:

365 Wt:

79

602

1070

12.3

0.2



Lot 9: CHAPP-Homan Touchdown 2301 is sired by the \$19,000 all-time highest selling bull at Chappell Red Angus, Chappell Home Run H418. If you are looking for a bull to improve carcass

traits, this is your guy. He scanned a 4.43 IMF with a 0.66 MARB EPD (top 12%) and has a REA in the top 23% of the breed. Sitting at a 6 frame he is sure to add pounds and structure to your calves. You might want to keep all the females you can out of this bull as they will make a big impact on your cowherd.

# Lot 10: 7 EPD's in the Top 12%

#### Lot 10 **CHAPPELL KING PIN L481**

LSF SRR COMMANDER 5906C

**LSF SRR PRESIDENT 8177F** LSF SRR FLO-MARIE 961 D6451

3SCC HIGH STAKES E138 **3SCC MILLIE H42** 3SCC MILLIE C38



Born: 1/15/23



	205 Wt:	673
	365 Wt:	1113
	REA:	11.03
	FAT:	0.23
	<u>IMF:</u>	4.78
	Frame Sc:	5.3
	Foot Sc:	5+
) [	VC CW DEA	EAT

Reg #: 4738997

**BW ACT:** 

MARB	YG	CW	REA	FAT
0.65				
12%	59%	34%	49%	51%

**BW ACT:** 205 Wt:

365 Wt:

REA:

674

1087

12.89 0.31

									12/	0 0	70 5	1/0	17/0	01/0
ProS	В НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	C	EM	STAY
131	74	57	16	-2.7	74	115	0.26	1.31	35	4	10	Т	11	17
5%	12%	16%	11%	34%	11%	17%	31%	35%	2%	56%	77%		2%	24%



Lot 10: Chappell King Pin L481 has everything you're looking for in your next herd bull. He offers a widespread from birth to yearling, maternally he is flawless, and his carcass data is impressive with an IMF of 4.78 (124 ratio) and a 0.65 MARB (top

12%). Phenotypically, this bull is impressive and is sure to catch your eye. His dam, 3SCC Millie H42 produced the top selling bull in the 2023 sale, selling to Brian and Adam Glienke of Aurelia, Iowa. If you're looking to cut fed cost his Dry Matter Intake EPD is 1.31 Top 35% of the breed, which is very hard to find with a bull that has good growth as well! Retaining 50% interest.

## Lot 11: 102 IMF & 106 REA ratios

Lot 11 **CHAPP-JLW ORIGIN 5692** 

Reg #: 4786578 Born: 2/25/23

3SCC DOMAIN A163 **GMRA ORIGIN 0282H GMRA LARKABA 527** 

LSF SRR P **JLW DORAJIB** JLW DORY

PROSPECT 5475C A <b>5020</b> 'BELLE 4282			_	<u>c:</u>	0.31 3.21 4.9 5
CODID	MARB	YG	CW	REA	FAT
GGPLD	0.47	0.05	32	0.30	0.02
	38%	40%	20%	20%	53%

									307	0 10	,,0	2070	2070	3370
							ADG							
							0.25							
73%	85%	37%	34%	67%	18%	23%	33%	74%	12%	89%	36	% !	58%	76%

Lot 11: Chapp-JLW Origin 5692 offers a complete package, nice rear quarter, excellent feet & legs, clean front end and a very stylish look. Solid scan data with a 102 IMF ratio & a 106 REA ratio He

can complete any task from breeding heifers to breeding adult cows while offering calving ease to explosive growth.

# Lot 12: 11 EPD's in the Top 14%

#### Lot 12

#### **CHAPP-LCL MAVERICK 20**

Born: 3/25/23

1A

Reg #: 4771367

58

608

LSF SRR COMMANDER 5906C LSF SRR PRESIDENT 8177F LSF SRR FLO-MARIE 961 D6451

365 Wt: 1076
REA: 11.54
FAT: 0.35
IMF: 4.58
Frame Sc: 5.2

**BW ACT:** 

205 Wt:

GM ATOMIC SKY 904

CHAPPELL MISS MOLLY J440

LSF MAB MISS MOLLY X0705

(	GG	PLI	

MARB	YG	CW	REA	FAT
0.63				
14%	65%	83%	62%	85%

Foot Sc:

ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY
119	83	35	16	-4.6	78	124	0.29	1.81	33	8	10	11	19
12%	5%	57%	14%	9%	5%	7%	14%	79%	5%	75%	79%	2%	9%



Lot 12: We hope you are paying attention to these footnotes. Don't overlook this bull! He is the youngest bull in the sale by far. He also could, arguably, be the best bull in the sale. He has a royal pedigree for sure, LSF SRR President 8177F on the

top side and his Dam Chappell Miss Molly J440 is a direct daughter of the original Molly cow that has produced many top selling bulls & heifers in our past sales. He offers a super wide spread from birth to yearling weight on his EPD profile like no other bull in the sale. His scan data is awesome with a 4.58 IMF and a 11.54 REA on a 1074 pound frame, very impressive.

## Lot 13: 4.28 IMF & 13.21 REA

### Lot 13 CHAPP-MCKF STOCKBROKER 11

Born: 2/20/23

1A

Reg #: 4781763

PIE STOCKMAN 4051

BIEBER CL STOCKMARKET E119

BIEBER CL ADELLE 475C

BW ACT: 95
205 Wt: 793
365 Wt: 1217
REA: 13.21
FAT: 0.23
IMF: 4.28
Frame Sc: 5.5
Foot Sc: 5-6

FEDDES LIBERTY D210

TROWBRIDGE LANA 004

TROWBRIDGE LANA 832





MARE	YG	CW	REA	FAT
	0.07			
6%	50%	46%	20%	84%
MILK 1	ME HI	PG C	CEM	STAY
2.4	10	10	^	_

ProS	НВ	GM	CED	BW	WW	YW	ADG					CEM	STAY
83	24	59	14	-1.7	76	129	0.33	2.13	24	10	13	8	9
62%	93%	14%	38%	54%	7%	4%	3%	95%	70%	84%	19%	32%	95%



Lot 13: Chapp-MCKF Stockbroker 11 has excelled at all the tests thrown at him from a 793lb WW, 1217lb YW, 4.28 IMF & a 13.21 REA. With a 95lb actual BW you might want to start with cows for

this big stud but the genomic data says otherwise with a 14 CED. On the Dam side he offers an outcross cow pedigree for our long-time customers. He is a dark red Stockmarket son with lots of muscle, heavy boned and spring of rib.

# Lot 14: 3 EPD's in the Top 9%

### Lot 14 CHAPP-BW UNFLAPPABLE 2314

3SCC DOMAIN A163

Born: 2/19/23

BW BRUTUS 2007 CH ROCKETTE 1734

LSF TAKEOVER 9943W LSF SRR FLO-MARIE 150 E7538 SRR FLO-MARIE 961-150





BW ACT:	69
205 Wt:	746
365 Wt:	1106
REA:	12.5
FAT:	0.33
IMF:	5.1
Frame Sc:	5.0
Foot Sc:	5-6

Reg #: 4746009

	MARB	YG	CW	REA	FAT					
	0.49									
	34%	33%	96%	62%	71%					
MILK WE HDC CEM STAV										

		_	_						JT/	0 50	//0	JU/0	04/0	/ 1 /0
ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPO	G C	EM	STAY
72	48	24	19	-4.7	70	108	0.24	1.31	28	3	10	)	10	13
78%	57%	78%	2%	9%	19%	29%	46%	35%	31%	51%	819	%	5%	68%



Lot 14: His name Unflappable speaks for itself, he is a very calm bull and nothing seems to bother him. He is a heifer bull on steroids, he has a 19 CED the best in the sale at top 2% in the breed while excelling to high growth. He also has the

best Dry Matter Intake EPD in the sale along with lot #10 sitting at 1.31 Top 35% in the breed. If you're looking to cut feed cost and maintenance cost look at this bull for the job. He also has the 2nd highest IMF 5.10 in the sale.

# Lot 15: 4 EPD's in the Top 4%

#### Lot 15 CHAPP-JLW RED ROCK 5727

Born: 2/8/23

1A

Reg #: 4795100

BROWN JYJ REDEMPTION Y1334 C-T RED ROCK 5033 C-T VERDI 1030

MARQUIS ALABAMA BOUND

JLW DORY BELLE 3924

JLW DORY BELLE 3070

BW ACT:	72
205 Wt:	604
365 Wt:	961
REA:	11.12
FAT:	0.12
IMF:	2.56
Frame Sc:	5.0
Foot Sc:	5-6



MARB	YG	CW	REA	FAT
				0.01
52%	66%	90%	98%	28%

101         86         16         17         -4.0         50         73         0.15         1.37         34         3         11         11         20           32%         4%         90%         8%         15%         85%         89%         92%         40%         3%         48%         65%         4%         4%	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY
32% 4% 90% 8% 15% 85% 89% 92% 40% 3% 48% 65% 4% 4%														
	32%	4%	90%	8%	15%	85%	89%	92%	40%	3%	48%	65%	4%	4%



Lot 15: We are saying Chapp-JLW Red Rock 5727 may be the best built heifer bull we have seen to date! Excellent neck extension, as clean fronted bull as you will find along with a nice rear quarter.

All that said he would be a complete do it all bull for any herd. If you're looking for that deep cherry red color, this is your guy. His star-studded pedigree has every good bull and cow family the breed has to offer; check it out for yourself. He is phenotypically flawless.

Lot 16: 10 EPD's in the Top 10%, & BW - 64 WW - 625 YW - 1096 Lot 16 CHAPPELL TAMARA L474

Born: 12/22/22

1A

Reg #: 4739009

GMRA TRILOGY 0226 GMRA TESLA 6214 GMRA ANGIE ROSE 448

WFL PROFITMAKER E7030 CHAPPELL TAMARA J429 CHAPPELL TAMARA G399

BW ACT:	64
205 Wt:	625
365 Wt:	1096
REA:	9.09
FAT:	0.33
IMF:	5.66
Frame Sc:	6.1
Foot Sc:	5-6



MARB	YG	CW	REA	FAT
0.68	0.14	56	0.37	0.03
10%	87%	1%	11%	66%

ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY
													18
1%	9%	1%	47%	16%	10%	4%	2%	87%	1%	84%	32%	8%	14%



offer! She started off with a 64lb actual BW and exploded to a 1096lb YW. She had an impressive 5.66 IMF (110 ratio). She is a feminine, clean fronted heifer with excellent feet and legs. She offers a complete maternal package with a stacked and proven EPD profile due to all YW, ultrasound scans and GGP testing) we have submitted over the last

Lot 16: Well, we need more space for everything this heifer has to

GMRA Tesla 6214 maternal package with a stacked and proven EPD profile due to all the data (BW, WW, YW, ultrasound scans and GGP testing) we have submitted over the last 12 years in our cow herd.



Lot 17: 9 EPD's in the Top 13%, & BW - 66 WW - 677 YW - 1051

#### Lot 17 CHAPP-MCKF TESLA RAVE 10

Born: 2/15/23

1A

Reg #: 4781765

GMRA TRILOGY 0226 GMRA TESLA 6214

GMRA ANGIE ROSE 448

9 MILE ENTERPRISE 8180

MCKF ENTERPRISE RAVEN 01

RAVISHING DOLL 37

BW ACT:	66
205 Wt:	677
365 Wt:	1051
REA:	11.11
FAT:	0.41
IMF:	4.01
Frame Sc:	5.6
Foot Sc:	5-6

GGPLD

MARB				
0.48	-0.02	21	0.29	0.01
36%	13%	63%	20%	32%

I	ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY
														19
1	7%	6%	39%	41%	19%	12%	9%	8%	77%	9%	84%	26%	8%	9%



**GMRA Tesla 6214** 

Lot 17: Here is another impressive Tesla heifer that started with a 66lb BW and exploded to a 1051lb YW. She offers the same physical characteristics of the lot 16 heifer in a slightly smaller package. She uniquely offers some outcross genetics on the dam side for this geographical location. Good luck choosing between these two lead-off Tesla heifers!



# Lot 18: 8 EPD's in the Top 16%

**Lot 18** 

**CHAPPELL PRIDE L479** 

Born: 1/9/23

CAT 2

Reg #: 4739007

BIEBER CL STOCKMARKET E119
BIEBER BLUE CHIP H302
BIEBER ROSE 162C

CHAPPELL APACHE F382
CHAPPELL PRIDE J430

**VANWYE PRIDE 340** 

BW ACT: 58
205 Wt: 619
365 Wt: 999
REA: 11.83
FAT: 0.31
IMF: 5.97
Frame Sc: 5.8
Foot Sc: 5-6



MARB				
0.65				
12%	57%	13%	9%	84%

I	ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY
														13
ı	57%	68%	40%	16%	16%	5%	12%	30%	99%	33%	94%	48%	7%	72%



Lot 18: Chappell Pride L479 is a black, red gene carrier. Again, she offers low birth to high gains, along with a 5.97 IMF (116 ratio) and 11.83 REA (104 ratio), and is perfectly sized with a 5.8 frame. Her dam, Chappell Pride J430, had some of the

most impressive data of any female ever produced here at Chappell Red Angus, posting a 697lb WW (118 ratio), 1176lb YW (121 ratio), and a 6.39 IMF (108 ratio). Her maternal granddam, Vanwye Pride 340, is still in production at Limestonerun Farm at 11 years of age and has an impressive 110 MPPA.

## Lot 19: 655 - WW & 1082 - YW

**Lot 19** 

**CHAPP-DMFF BELLE L220** 

Born: 2/20/23

1A

Reg #: 4779069

3SCC DOMAIN A163

CHAPPELL EMPIRE F375

CHAPPELL MISS LIBERTY D342

BAF TRENDSETTER W043 BAF BELLE S132 Z188 BAF BELLE N185 S132

**BW ACT:** 84 205 Wt: 665 1082 365 Wt: 10.5 REA: FAT: 0.37 IMF: 4.57 Frame Sc: 6.4 Foot Sc: 5-6



MARE	YG	CW	REA	FAT
0.63				
14%	42%	82%	79%	33%

Pı	oS	HB	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY
														16
65	%	58%	60%	32%	21%	37%	53%	71%	63%	34%	82%	51%	72%	33%



Lot 19: This is a super growthy heifer with a 665lb WW (112 ratio) to a 1082lb YW (109 ratio). She is a very thick, heavy boned heifer that is sure to make a good brood cow. She offers some outcross

genetics, going back to Basin Trend Setter 6074 on the dam side. Her sire, Chappell Empire F375 was the second high selling bull in the 2019 Keystone Elite Sale and has done big things for Dan & Becky Metz in Utica, PA.

# Lot 20: Show Heifer with Performance

Lot 20

**CHAPPELL MARIA L485** 

Born: 2/8/23

Reg #: 4738989

**BIEBER CL ATOMIC C218 GM ATOMIC SKY 904 GM SKY ZARA 703** 

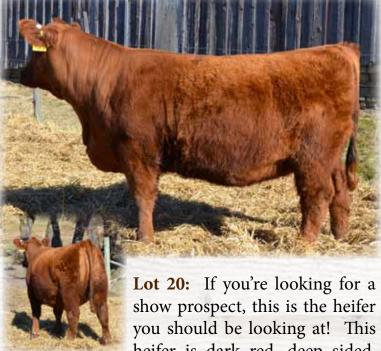
**HXC PATENT 6608D CHAPPELL MARIA F389** LARSON MARIA 107-447

BW ACT:	79
205 Wt:	637
365 Wt:	1069
REA:	11.58
FAT:	0.42
<u>IMF:</u>	4.62
Frame Sc:	5.6
Foot Sc:	6
NO OTH DE	4 10400

GGPLD

MARB				
0.56				
22%	32%	26%	54%	8%

ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY
												8	
29%	48%	25%	53%	42%	9%	5%	4%	97%	41%	96%	77%	28%	29%



heifer is dark red, deep sided,

wide and thick with a great quarter, while still

remaining very feminine. From a performance standpoint, she checks all the boxes. On the dam side, she goes back to the great Larson Flo Marie 185 cow.

## Lot 21: 10 EPD's in the Top 15%

#### **Lot 21 CHAPP-MPKE TAMARA 320**

Born: 4/23/23

Rea #: 4791084

**LEACHMAN PLEDGE A282Z HXC DAWSON 7003E** HXC C02

**HXC PATENT 6608D CHAPPELL TAMARA G399 CHAPPELL TAMARA C329** 

BW ACT:	68
205 Wt:	576
365 Wt:	989
REA:	11.15
FAT:	0.23
<u>IMF:</u>	4.18
Frame Sc:	5.1
Foot Sc:	5-6

(GGPLD)

	MAK	D I	G (	, VV	KEA	FAI
)						0.01
	15%	77	'% :	3%	45%	33%
MILK ME HPG CEM STAY						
	30	11	11	Т	7	20

ProS HB GM CED BW WW YW ADG DMI 136 75 62 15 -1.9 78 128 0.31 2.11 3% 11% 11% 23% 50% 5% 4% 6% 94% 15% 88% 47% 57%



Lot 21: CHAPP-MPKE Tamara 320 is the only Dawson sired heifer in this sale. This heifer is a genetic masterpiece, going back to Larson Tamara 184-721, on the dam side. Several donor cows

have been produced by this cow family. Her EPDs are very impressive for low birth, high growth, excellent carcass traits, and top-notch maternal traits. She has a huge REA scan of 11.15 on a 943lb frame. She is the youngest heifer in the sale by a minimum of 2 months, don't overlook this heifer!

# Lot 22: 6 EPD's in the Top 16%

#### **Lot 22 CHAPPELL ZARA ROSE L484**

**GM ATOMIC SKY 904** 

Born: 2/1/23

**CHAPPELL GENERAL CUSTER J448 CHAPPELL TAMARA E354** 

STRA RELENTLESS **CHAPPELL ZARA ROSE J426 CHAPPELL ZARA B312** 

GGPLD
-------

MADD	W.C.	OTH	DEA	TI A TI
MARB	IG	CW	KEA	FAI
0.89	0.04	10	0.21	0.04
2%	36%	92%	34%	90%

Frame Sc:

Foot Sc:

Reg #:

**BW ACT**:

205 Wt:

365 Wt:

REA:

FAT:

IMF:

4739001

74

573

918

11.35 0.39

5.54

4.8

ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY
100	57	43	16	-4.9	58	85	0.17	1.68	31	6	14	9	14
34%	39%	40%	11%	7%	64%	75%	83%	69%	11%	67%	9%	16%	55%



Lot 22: This is a very stylish, moderate framed heifer offered from the famous Zara cow family, that produced the highest selling female, ever, at Chappell Red Angus. She offers off the chart carcass data, posting a 5.54 IMP (107 ratio) and a

11.35 REA (100 ratio) on a 918lb frame. This data is not an accident. Her paternal granddam, Chappell Tamara E354, scanned off the charts with an 8.16 IMF (163 ratio) and a 12.27 REA (117 ratio). Her sire, Chappell General Custer J448, was the highest selling bull in the 2022 Keystone Elite Sale, selling to C. Davis Farms.

## Lot 23: Last, but certainly not least

#### Lot 23 **CHAPP-DMFF DAFFNEY L225**

Born: 2/25/23

Reg #: 4779073 **BW ACT:** 

521

3SCC DOMAIN A163 **CHAPPELL EMPIRE F375** CHAPPELL MISS LIBERTY D342

BAF CODY Z021

**DMFF 52C DAFFNEY** BAF BELLE X033 Z129

(	GG	PLI	

	<u>365</u>	Wt:		907
2	RE/	<u>\:</u>		10
7-3	FAT	<u>:</u>		0.43
	<u>IMF</u>	<u>:</u>		5.07
	Fra	me S	c:	4.5
	Foo	t Sc:	Ŀ	5-6
MARE	3 YG	CW	REA	FAT

205 Wt:

MARB	YG	CW	REA	FAT	
0.52					
29%	86%	62%	79%	84%	
MILK ME HPG CEM STAY					

ProS	НВ	GM	CED	BW	WW	YW	ADG	DMI	MILK	ME	HPG	CEM	STAY
													14
93%	94%	61%	57%	42%	32%	41%	53%	57%	65%	88%	67%	95%	62%



Lot 23: Last, but certainly not least, this moderately framed female offers some outcross genetics on her dam side and Chappell genetics on the sire side, going back to the Beckton and Bason programs.

She offers excellent feet and legs, plenty of spring of rib and is very feminine.



### Dan & Erica Chappell Mill Hall, PA 17751

Dan: 570-263-0410 Erica: 814-876-6529

www.chappellredangus.com

## Semen Now Available: \$30 per Straw

## **HRP Raisland Quarterbak 2704**

PIE Quarterback 789 x 9 Mile Franchise 6305 MGS

ProS	123	9%
нв	66	22%
GM	57	16%
CED	15	17%
BW	-2.2	44%
ww	79	4%
YW	135	2%
ADG	0.35	1%
DMI	1.92	86%
Milk	33	4%
ME	10	86%
HPG	11	52%
CEM	9	13%
STAY	17	25%



Marb	0.62	15%
YG	0.02	24%
cw	23	53%
REA	0.26	25%
FAT	0.02	45%

		Ratio
Act BW	87	110
Adj WW	839	111
Adj YW	1238	106
IMF	3.96	98
BF	0.21	84
REA	16.13	111

RAAA# 4637595

## **Chappell Home Run H418**

Feddes Brunswick D202 x Brown Pacesetter Y7170 MGS

ProS	160	2%
HB	93	4%
GM	67	11%
CED	15	24%
BW	-1.8	50%
ww	77	12%
YW	124	13%
ADG	0.30	18%
DMI	2.40	97%
Milk	32	9%
ME	10	80%
HPG	11	59%
CEM	9	16%
STAY	21	2%



RAAA# 4250075

Marb	0.85	4%
YG	-0.08	7%
cw	33	25%
REA	0.80	3%
FAT	0.03	72%

	. 8	Ratio
Act BW	78	104
Adj WW	737	114
Adj YW	1335	110
IMF	6.66	123
BF	0.36	102
REA	16.11	115



Your Hunting Headquarters in Central PA



Family owned and operated since 1965.

We're big enough to serve You, and Small enough to know You

**Buying Used Guns and Layaways Available** 

(570) 726-3030

#### HOURS:

Monday & Friday 9 am - 7 pm Tuesday & Thursday 9 am - 5 pm Saturday 9 - 1 Wednesday and Sunday - Closed

www.millersgunshopinc.com







NOTES:

# MID-ATLANTIC BEEF MINERAL



MARTIN'S FEED MILL - 534 Main Street, Coburn, PA 16832 (814) 349-8787 • martinsfeedmill.com

TTO TEC:				
				The Property
	No. of the last of			
			0	

## **TERMS & CONDITIONS**

- 1. Terms of the sale are check or cash settlement. Every animal will be sold to the highest bidder. All settlements will be made with the clerks of the sale immediately following the conclusion of the sale and before any cattle will be released from the sale facility.
- 2. The auctioneer will settle any disputes as to bids, and his decision on such matters shall be final.
- 3. Any announcements from the seller on sale day will take precedence over printed material.
- 4. Health certificates will be furnished for shipment anywhere in the U.S.
- 5. A certificate of registry and transfer will be furnished for each animal sold, after settlement has been made.
- 6. Each animal becomes the risk of the purchaser as soon as it is sold.
- 7. All bulls have been evaluated and are guaranteed to be breeders.
- 8. All animals are guaranteed breeders by sellers. Any animal that has not proven itself as a breeder within six months after the date of sale, if in healthy condition, may be returned to seller at buyer's expense. The seller reserves the privilege of trying, for a period of six months, to prove the animal is a breeder. The seller, at his option, may either replace the animal with another of equal value or grant the buyer a credit for use on any cattle marketed seller in full settlement and transaction of all claims. Yearling bulls shall be guaranteed breeders for no more than 25 females. All animals are guaranteed to be breeders, with the exception of calves that are sold in cow/calf pairs.
- 9. Neither the owners, sale managers, clerks, nor anyone connected with the sale assumes responsibility, legal or otherwise, for damages of any kind. Any person attending the sale does so at his own risk.
- 10. The above terms and conditions shall constitute a contract between the buyer and seller of each animal sold.

# Understanding EPD's as a selection tool.

Breed Average for Non Parents Under 2 Yrs. of Age-Breed Average for Proven & Opportunity Sires-

ProS	HB	GM	CED	BW	WW	ΥW	ADG	DMI	MILK	ME	HPG	CEM	STAY	MARB	YG	CW	REA	FAT
92	55	37	13	-1.8	60	97	0.23	1.46	26	3	11	7	15	0.41	0.07	23	0.12	0.02
89	53	35	13	-1.8	62	100	0.23	1.51	25	4	12	7	15	0.41	0.07	23	0.11	0.02

**Profitability and Sustainability (ProS):** all-purpose index that predicts average economic differences in all segments in the beef supply chain. This index is a combination of the breeding objectives modeled in the HerdBuilder and GridMaster selection indexes. In this index, replacement heifers are retained from within the herd and all remaining progeny are fed out to slaughter and sold on a quality-based grid. Traits included in this index include calving ease, growth, HPG, STAY, Mature Weight, Dry Matter Intake and carcass traits. The resulting index is expressed in dollars per head born (Index/High Value).

**HerdBuilder Indes (HB):** An index used to estimate difference in profitabillity for the sustainabillity of the cowherd. This index was created on the assumption that an operation raises its own replacement females and terminally markets the remainder of the calf crop on a quality based grid. Geven that replacement heifers are retained, primary infulence is placed on maternal traits such as Stay, HPG, and CE. MARB, YG and growth EPDs also impact this index, but to a lesser degree.

**GridMaster** (GM): An index used to estimate differences in profitability for those whose primary goal is to maximize profitability in the feedyard and on the rail. This index was created on the assumption that an operation markets all of the calf crop terminally on a quality based grid with no replacement females being raised. MARB, YG and growth EPDs are traits of primary importance in the index.

Calving Ease Direct (CED): Predicts the probability of calves being born unassisted from two year-old heifers. Selecting on actual birth weight is flawed; it is influenced by non-genetic factors such as nutrition and weather. While the BW EPD removes these non-genetic factors, the CED EPD is the best predictor of calving ease. CED includes variation in BW plus other influential genetic factors such as gestation length, calf shape, etc. The higher the CED EPD, the less calving difficulty.

**Birth Weight (BW):** Predicts the difference, in pounds, for birth weight, and is also used in the calculation of the CED EPD.

**Weaning Weight (WW):** Predicts the difference, in pounds, for weaning weight (adjusted to age of dam and a standard 205 days of age). This is an indicator of growth from birth to yearling.

Yearling Weight (YW): Predicts the expected difference, in pounds, for yearling weight (adjusted to 365 days of age). This is an indicator of growth from birth to yearling

**Average Daily Gain (ADG):** Developed to more easily identify animals with favorable combinations of gain and intake. This will serve as a more intuitive measure of an animal's growth rate from weaning to a year of age.

**Dry Matter Intake (DMI):** Calculated using a multiple-trait model that includes DMI, On Test Average Daily Gain, Post Weaning Average Daily Gain and Weaning Weight.

Milk: Predicts the difference in maternal production of an individual animal's daughters as expressed by the weaning weight of their calves.

Maintenance Energy (ME): Predicts the differences in maintenance energy requirements of mature daughters of a bull. The lower the ME EPD, the less feed daughters require to maintain body condition.

**Heifer Pregnancy (HPG):** Predicts the probability of heifers conceiving to calve at two years of age.

**Calving Ease Maternal (CEM):** Predicts the probability of a given animal's daughters calving unassisted at two years of age.

Stayability (STAY): Predicts the probability of a bull's daughters remaining in the herd until at least six years of age. Females that don't stay in the herd that long are losing money, and they also contribute to higher rate of replacement females that the rancher can't cash crop.

**Marbling (Marb):** Predicts the difference for carcass marbling score as expressed in marbling score units. Higher marbling scores are positively correlated with higher carcass quality grades.

Yield Grade (YG): Marketing calves on a grid? Placing selection pressure on YG EPD will decrease the number of YG discounts on grid-marketed progeny.

Carcasss Weight (CW): Selecting bulls with a high CW EPD will increase the weight of the hanging carcass, which directly impacts revenue.

**Rib Eye Area (REA):** Predicts difference of carcass Rib Eye Area between the 12th and 13th rib. Increase Rib Eye Area has a beneficial effect on Yield Grade which also includes Carcass Weight and Fat Thickmess.

12th Rib Fat Thickness (FAT): Predicts difference for carcass fat depth over the 12th rib, as expressed in inches. Increases in fat thickness has a detrimental effect on Yield Grade.

Printed by: MontanaWest Printing & Design • 406-538-7914 • mtwest@midrivers.com



Dan & Erica Chappell 94 Chappell Lane Mill Hall, PA 17751 Chappellredangus.com First Class Mail Auto US Postage Paid Lewistown, MT Permit 181

