OLSEN RANCHES, INC.

ANNUAL BULL SALE

Saturday, January 27, 2024

12:00 (Noon) MST

at the Ranch

Female-Focused, Feeder Friendly, and Consumer Centered

2322 Road 14

Harrisburg, NE 69345

308-641-1273 (Douglas cell)

308-631-3104 (Art cell)

www.olsenranches.com

Olsen Ranches, Inc.
Annual Bull Sale
January 27, 2024
Sale - 12:00 noon
Lunch Available
Harrisburg, Nebraska

What a ride the last couple of years have been in the cattle industry! On the plains, the drought of 2022, the winter of 22-23, and the rain of May and June of 2023 were certainly noteworthy times. The fed cattle market and, subsequently, the feeder calf market have provided some excitement. Although feed costs have decreased, they will always be an important consideration for profitability on the ranch and in the feedlots. High quality feeders will command a greater value. Plenty of replacement females will be kept over the next few years. It is important to select bulls for your cows that can sire calves with improved feed efficiencies, high gain and quality potential, and maternal abilities.

We praise God for the ability to live on this land, raise our families, and produce food for His creation. We also are privileged to collect research data for the American Hereford Association and its membership as the primary test herd for the AHA National Reference Sire Program and use this proven data to select for performance, carcass merit, feed efficiency, and maternal characteristics such as longevity. <u>In other words, we use what we learn in our own herd to offer relevant and sustainable genetics to other people involved in the beef industry.</u>

This operation has a long history of helping our customers produce healthy, safe, nutritious, and desirable food for the consumers in this country and abroad, and our goals have remained consistent – **to be female-focused, feeder friendly, and consumer centered**. While the primary development of this year's sale bulls started 2.5 years ago as we bred their dams, they are actually the product of our work over the last 24 years as an AHA NRSP test herd, 13 years collecting and analyzing feed intake data, 30 years of tracking all offspring carcass data, and 138 years of Olsens raising Hereford commercial cows and 38 years of raising registered Hereford cattle in western Nebraska. Our commitment to the collection of scientific data and related research has positively shaped our genetics and the reliable and consumer-friendly end product we produce and will have a proven and positive impact on your own operation.

We recognize the critical importance of heterosis and breed complementarity in making commercial cow herds profitable, and we take pride in providing our customers with the genetics to get this critical job done right. The genetics we produce fit our high plains resources, yielding cattle who grow efficiently and are low maintenance from calving to harvest. Our cows have been challenged over the years and, as a result, we have a cow herd that has adapted favorably to the environmental challenges we face. Our commercial and registered cows graze 12 months of the year, calving in late May through June on grass

and moving to cornstalks through the fall and winter. We finish all the offspring not sold or used as breeding stock on the ranch. We have been collecting feed intake data through our own ranch research feed efficiency testing facility since 2010 on all calves out of our registered cows and all AI-sired steers out of the commercial cows and have the data to prove the value-add for these bulls in your operation. Starting in 2022, the ranch initiated a new research project with Colorado State University and AHA studying sustainability with measurements of methane and carbon dioxide emissions and other related measurements. In 2023, the ranch installed tanks with flowmeters and in pen weighing devices to begin measuring individual water intake for cattle in conjunction with feed intake and others in a bigger pen setting.

We are located 25 miles south of Scottsbluff or 17 miles north of Kimball on Highway 71, and 10 miles west on Banner County Road 14. You will find us very open and honest about our cattle. Feel free to call and make arrangements anytime to view our cow herd or our bulls.

We encourage you to take a look at the data, videos, and information available at www.olsenranches.com. Please feel free to ask any questions you may have. If you cannot attend the sale on the 27th, please contact us and we will accommodate you. If you have ball games to attend, we will have buyer representatives available. Come take a look and we will be available to help you.

We appreciate the opportunity to hear about your goals and to help you select the best genetics for your operation. These bulls have the potential to be valuable tools for many operations, including yours!

Art and Douglas Olsen

(308) 641-1273 (Douglas)

(308) 631-3104 (Art)

Sale Procedures and Terms

EPDs in this catalog were released by AHA on January 15, 2024. The most up to date EPDs can be found on the American Hereford Association website. All EPDs are genetically enhanced. Intake data is not reflected in the EPDs in our catalog.

You will be able to view videos of the bulls on our website: www.olsenranches.com. We also will have "The Livestock Link" broadcast our sale, and you will be able to bid over the internet. On site and on the web, bulls will sell in catalog order with base prices set for each bull prior to the sale. During the sale, we will bid the bulls up from the base price in the case of multiple interested purchasers.

If you bring your own trailer, you will receive a $50/head rebate on each animal you haul home on sale day. We will perform any tests necessary for out of state deliveries after the sale. If you have special health requirements in your state or area, please alert us on sale day. We will provide delivery services to you – for all deliveries 200 to 400 miles from the ranch, we will charge $150/head delivered; for deliveries 400 to 500 miles from the ranch, we will charge $200/head delivered; for deliveries over 500 miles from the ranch, we will come to agreement with the purchaser on delivery costs. We will begin deliveries immediately after the sale. If you prefer not to take delivery as scheduled, we will care for your bull purchases at our risk for $3.00/hd/day. This cost will begin March 1.

All the bulls have a complete Breeding Soundness Evaluation. Olsen Ranches, Inc. will sell 100% possession and will retain a 25% semen revenue sharing interest in all bulls, unless otherwise announced during the sale.

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PERFORMANCE INFORMATION

Quality performance information is extremely important to our operation. The EPD terms are defined on the following page. The table with the breed average EPDs and the average of our sale bulls shows some of the selection pressure that we have achieved with our program. Our pressure on calving ease, moderate growth, lower feed intake, average milk, smaller cow size, better udders, and especially carcass traits are evident in the following table.

Avg. EPDs for 2022 Born Calves

	CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	Udd	Teat	CW	FT	REA	MARB	BMI	CHB
Olsen Sale Bull	7.0	0.8	54	84	0.1	1.2	21.7	29	55	4.1	68	1.4	1.4	69	0.04	0.59	0.60	461	164
Breed Avg. EPD	3.3	2.7	55	89	0.2	1.0	16.6	26	54	1.9	88	1.3	1.3	70	0.02	0.43	0.13	356	117

Because of data collected on animals in a pedigree, EPDs are superior to an animal's actual measurements in predicting an animal's genetic potential. For more information about the American Hereford Association's performance measurements, check www.hereford.org. Performance pedigrees of the animals can also be found on AHA's website through an "EPD Search" using the guest option and using the animal's name or registration number to look up any animal.

Weight and Feed Efficiency Terms
Feed Efficiency Trial March 18 – May 16, 2023

ADG The average daily gain of the individual during the 70-day feed efficiency test

5/16 WT The actual weight at the end of the feed efficiency test

Scrotal Actual scrotal measurement 1/10/24

F/G The feed to gain ratio during the 70-day feed efficiency test - note that a lower ratio is more feed efficient

ADJ F/G The feed to gain ratio during the 70-day test that is adjusted for an animal's body weight

RFI The Residual Feed Intake is the difference between an animal's actual feed intake and its expected feed intake based on its size and growth over a specified period. An animal with a lower RFI value is more feed efficient.

RG The Residual Gain is the difference between an animal's actual gain and its expected gain based on intake and body weight. An animal with a higher value is more efficient.

FE Index Feed Efficiency Index is an index that combines the value of gain and the cost of intake. Higher is more desirable.

Understanding Hereford EPDs

The American Hereford Association (AHA) currently produces expected progeny differences (EPDs) for 17 traits and calculates three profit indexes. AHA's genetic evaluation makes use of a Marker Effects Model that allows the calculation of EPDs by incorporating the pedigree, phenotypic and genomic profile of an animal. Animals that have a genomic profile will be denoted with a GE-EPD logo. The current suite of Hereford EPDs and profit indexes includes:

Calving Ease — Direct (CE) CE EPD is based on calving ease scores and birth weights and is measured on a percentage. CE EPD indicates the influence of the sire on calving ease in females calving at 2 years of age. For example, if sire A has a CE EPD of 6 and sire B has a CE EPD of -2, then you would expect on average, if comparably mated, sire A's calves would have an 8 percent more likely chance of unassisted calving when compared to sire B's calves.

Birth Weight (BW) BW EPD is an indicator trait for calving ease and is measured in pounds. For example, if sire A has a BW EPD of 3.6 and sire B has a BW EPD of 0.6, then you would expect on average, if comparably mated, sire A's calves would come 3 lb. heavier at birth when compared to sire B's calves. Larger BW EPDs usually, but not always, indicate more calving difficulty. The figure in parentheses found after each EPD is an accuracy value or reliability of the EPD.

Weaning Weight (WW) WW EPD is an estimate of pre-weaning growth that is measured in pounds. For example, if sire A has a WW EPD of 60 and sire B has a WW EPD of 40, then you would expect on average if comparably mated, sire A's calves would weigh 20 lb. heavier at weaning when compared to sire B's calves.

Yearling Weight (YW) YW EPD is an estimate of post-weaning growth that is measured in pounds. For example, if sire A has a YW EPD of 100 and sire B has a YW EPD of 70, then you would expect on average if comparably mated, sire A's calves would weigh 30 lb. heavier at a year of age when compared to sire B's calves.

Dry Matter Intake (DMI) The DMI EPD predicts the daily consumption of pounds of feed. For example, if sire A has a DMI EPD of 1.1 and sire B has a DMI EPD of 0.1, you would expect sire B's progeny, if comparably mated, to consume on average 1 pound of feed less per day.

Scrotal Circumference (SC) Measured in centimeters and adjusted to 365 days of age, SC EPD is the best estimate of fertility. It is related to the bull's own semen quantity and quality, and is also associated with age at puberty of sons and daughters. Larger SC EPDs suggest younger age at puberty. Yearling sons of a sire with a 0.7 SC EPD should have yearling scrotal circumference measurements that average 0.7 centimeters (cm) larger than progeny by a bull with an EPD of 0.0 cm.

Sustained Cow Fertility The AHA's new SCF EPD is a prediction of a cow's ability to continue to calve from three years of age through 12 years of age, given she calved as a two-year-old. The EPD is expressed as a deviation in the proportion of the 10 possible calvings to 12 years old expressed as a probability. For example, the daughters of a bull with a 30 EPD would have the genetic potential to have one more calf by age 12 than the daughters from a bull with a 20 EPD. In other words, the daughters from the 30 EPD bull would have a 10% greater probability of having one more calf than the bull with a 20 EPD. This is equivalent to saying that the daughters are 10% more likely to remain in the herd to age 12.

Maternal Milk (MM) The MM EPD of a sire's daughters is expressed in pounds of calf weaned. It predicts the difference in average weaning weights of sires' daughters' progeny due to milking ability. Daughters of the sire with a +14 MM EPD should produce progeny with 205-day weights averaging 24 lb. more (as a result of greater milk production) than daughters of a bull with a MM EPD of -10 lb. (14 minus -10.0 = 24 lb.). This difference in weaning weight is due to total milk production during the entire lactation.

Maternal Milk & Growth (M&G) The M&G EPD reflects what the sire is expected to transmit to his daughters for a combination of growth genetics through weaning and genetics for milking ability. It is an estimate of the daughter's progeny weaning weight. A bull with a 29 lb. M&G EPD should sire daughters with progeny weaning weights averaging 19 lb. heavier than progeny of a bull's daughters with a M&G EPD of 10 lb. (29 minus 10 = 19 lb.). It is equal to one-half the sire's weaning weight EPD, plus all of his MM EPD. No accuracy is associated with this since it is simply a mathematical combination of two other EPDs. It is sometimes referred to as "total maternal" or "combined maternal."

Maternal Calving Ease (MCE) MCE EPD predicts how easily a sire's daughters will calve at two years of age and is measured on a percentage. For example, if sire A has a MCE EPD of 7 and sire B has a CE EPD of -3, then you would expect on average if comparably mated, sire A's daughters would calve with a 10% more likely chance of being unassisted when compared to sire B's daughters.

Mature Cow Weight (MCW) The MCW EPD was designed to help breeders select sires that will either increase or decrease mature size of cows in the herd. The trait was developed after years of cow weight data collection and the EPD relates directly to the maintenance requirements of a cow herd. For example, if sire A has a MCW EPD of 100 and sire B has an EPD of 85, then you would expect the females of sire A, if comparably mated, to be 15 lb. heavier at mature size.

Udder suspension (UDDR) UDDR EPDs are reported on a 9 (very tight) to 1 (very pendulous) scoring scale. Differences in sire EPDs predict the difference expected in the sires' daughters' udder characteristics when managed in the same environment. For example, if sire A has a UDDR EPD of 0.4, and sire B has a UDDR EPD of -0.1, the difference in the values is 0.5, or one-half of a score. If daughters of sires A and B are raised and managed in the same environment, you would expect half a score better udder suspension in daughters of sire A, compared to sire B.

Teat size (TEAT) TEAT EPDs are reported on a 9 (very small) to 1 (very large, balloon shaped) scoring scale. Differences in sire EPDs predict the difference expected in the sires' daughters' udder characteristics when managed in the same environment. For example, if sire A has a teat size EPD of 0.4, and sire B has a teat size EPD of -0.1, the difference in the values is 0.5, or one-half of a score. If daughters of sires A and B are raised and managed in the same environment, you would expect half a score smaller teat size in daughters of sire A, compared to sire B.

Carcass Weight (CW) CW EPD is a beneficial trait when considering the impact that pounds have relative to end product value. At the same age constant endpoint, sires with higher values for carcass weight will add more pounds of hot carcass weight compared to sires with lower values for carcass weight. For example, if sire A has a CW EPD of 84 and sire B has a CW EPD 64, then you would expect the progeny of sire A, if harvested at the same age constant endpoint, to have a 20-lb. advantage in terms of hot carcass weight.

Rib Fat (FAT) The FAT EPD reflects differences in adjusted 365-day, 12th-rib fat thickness based on carcass measurements of harvested cattle. Sires with low, or negative FAT EPDs, are expected to produce leaner progeny than sires with higher EPDs. Ultrasound measures are also incorporated into this trait and have been shown to be highly correlated with the performance of slaughter progeny. All data is expressed on a carcass scale.

Ribeye Area (REA) REA EPDs reflect differences in an adjusted 365-day ribeye area measurement based on carcass measurements of harvested cattle. Sires with relatively higher REA EPDs are expected to produce better- muscled and higher percentage yielding slaughter progeny than will sires with lower REA EPDs. Ultrasound measurements are also incorporated into this trait and have been shown to be highly correlated with the performance of slaughter progeny. All data is expressed on a carcass scale.

Marbling (MARB) MARB EPDs reflect differences in an adjusted 365-day marbling score (intramuscular fat, [IMF]) based on carcass measurements of harvested cattle. Breeding cattle with higher MARB EPDs should produce slaughter progeny with a higher degree of IMF and therefore higher quality grades. Ultrasound measurements are also incorporated into this trait and have been shown to be highly correlated with the performance of slaughter progeny. All data is expressed on a carcass scale.

Baldy Maternal Index (BMI$) The BMI$ is a maternally focused index that is based on a production system that uses Hereford x Angus cross cows. Progeny of these cows are directed towards Certified Hereford Beef. This index has significant weight on Sustained Cow Fertility, which predicts fertility and longevity of females. There is a slightly positive weight on Weaning Weight, Mature Cow Weight and Milk which accounts for enough growth but ensures females do not increase inputs. There is some negative emphasis on Dry Matter Intake, but a positive weighting on Carcass Weight which is anticipated to provide profitability from finishing of non-replacement females and castrated males. Marbling and Rib-eye Area are also positively weighted to keep the harvested progeny successful for CHB. This index is geared to identify Hereford bulls that will be profitable when used in a rotational cross with mature commercial Angus cows.

Brahman Influence Index (BII$) The BII$ is a maternally focused index that is based on a production system that uses Brahman x Hereford cross cows. This index targets producers that use Hereford bulls on Brahman influenced cows.

Certified Hereford Beef Index (CHB$) CHB$ is a terminal sire index that is built on a production system where Hereford bulls are mated to mature commercial Angus cows and all progeny will be targeted for Certified Hereford Beef© after the finishing phase. This index has significant weight on Carcass Weight to ensure profit on the rail. As well there is a positive weighting for Average Daily Gain along with a negative weighting on Dry Matter Intake to ensure efficient pounds of growth in the finishing phase. Keep in mind, this production system takes advantage of complimentary breeding with the commercial Angus cow. Although Marbling is weighted positively in this index, a positive weighting for Rib-eye Area and a negative weighting for Back Fat are a greater priority in this index to allow for optimum end-product merit. This is the only index that has no emphasis on fertility. Remember that no replacement heifers are being retained.

G253	OR G095 IMPROVER G253							MDP							

44514221   Polled   5/18/2022

	Ratio
BW	87%

EFBEEF BR VALIDATED B413 (PEFB413) P43558667

Sire SHF GOLDSMITH B413 G095 (G095) P44005220

SHF MAGGIE Y90 B66 (B66) P43477571

	Ratio
WW	92%
YW	106%
Scrotal	33.0

SHF ZANE X51 Z115 (Z115) P43276663

Dam OR Z115 GUNPOWDER 910Z (910) P44195230

OR MISS BONANZA 309B (309) P43472986

Feed Efficiency	
ADG	3.60
RFI	-1.72
FE Index	$12.20

5/16/2023 WT   920

BMI	CHB
$464	$148

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
9.0	-0.9	45	78	0.3	0.7	23.5	25	48	4.3	53	1.40	1.30	53	0.03	0.41	0.66

261Z	OR Z115 GENERATOR 261Z

44515212   Homozygous polled   5/23/2022

	Ratio
BW	84%

KCF BENNETT REVOLUTION X51 (X51) P43081556

Sire SHF ZANE X51 Z115 (Z115) P43276663

SHF FOREVER P20 X172 (X172) P43078192

	Ratio
WW	103%
YW	105%
Scrotal	35.5

OR N162 HUSKER L574 (574) 43745946

Dam OR L574 MISS PIONEER B036 (036) P44304429

OR 501 MISS COMPETITOR C845 (845) P44068479

Feed Efficiency	
ADG	4.14
RFI	1.00
FE Index	$6.33

5/16/2023 WT   916

BMI	CHB
$422	$182

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
14.1	-1.0	47	79	0.1	1.3	18.5	26	50	7.4	67	1.50	1.50	69	0.00	0.60	0.71

We name the Zane (sire) offspring "Generator" for the females that Zane generates. When 261Z was born, I told myself that B036 (dam) may be the prettiest, perfect uddered heifer that we have calved. Here is a package that combines 2 great female producers along with calving ease (top 2%), moderate mature cow weight, top 2% Udd, top 3% teat, and top 1% marbling and 1% CHB.

G278 OR G095 IMPROVER G278   MDP DBP

     44514118   Polled   5/29/2022   Ratio

	BW	110%

       EFBEEF BR VALIDATED B413 (PEFB413) P43558667   WW   102%
Sire SHF GOLDSMITH B413 G095 (G095) P44005220   YW   112%
       SHF MAGGIE Y90 B66 (B66) P43477571   Scrotal   39.0

       LOEWEN C&L 33N APOLLO A42 ET (A42) P43373567   Feed Efficiency
Dam OR A42 MISS DIXIE 716Z (716) P43968122   ADG   4.99
       OR U332 MISS BEEF EATER 211T (211) P43373874   RFI   -0.40

       FE Index $24.03

5/16/2023   WT   1075

BMI	CHB
$504	$187

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
5.2	2.1	64	107	0.3	1.5	23.3	31	63	3.8	88	1.40	1.50	87	0.04	0.70	0.57

WOW! It is easy to find this bull in a large pen of bulls. Not only did this bull outgain the next best gaining bull on test by .75 lb but he had the best adjusted F/G ratio, best RG, and the second-best Efficiency Index. His 11-year-old grandam (Tank) weaned a calf in 2023. Notice his complete EPD profile, including top 4% SCF, 9% REA, 1% Marb, and 1% on all indexes. This is certainly a tool in the toolbox to make steers that will perform for you, the feeder, and the packer along with leaving some impressive heifers in the herd. DNA pending on polled and defects.

287 OR B988 JOHN 287   DBP

     44515180   Homozygous Polled   6/10/2022   Ratio

	BW	107%

       OR N162 HUSKER L574 (574) 43745946   WW   99%
Sire OR L574 LITTLE JOHN B988 (988) P44195282   YW   91%
       OR A42 MISS DIXIE 716Z (716) P43968122   Scrotal   36.0

       SHF ZANE X51 Z115 (Z115) P43276663   Feed Efficiency
Dam OR Z115 MISS ZANE 904Z (904) P44195266   ADG   3.29
       OR 0945 MISS DOMINO 613L (613) 43860461   RFI   -1.06

       FE Index $12.33

5/16/2023   WT   743

BMI	CHB
$415	$167

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
8.3	1.5	59	87	-0.1	1.6	17.4	25	55	6.6	106	1.20	1.30	81	0.00	0.83	0.38

256V OR B413 VALIDATED 256V

44513990   Polled   5/21/2022

	Ratio
	BW 105%

EFBEEF TFL U208 TESTED X651 ET (PEFX651) P43091736   WW 98%
Sire EFBEEF BR VALIDATED B413 (PEFB413) P43558667   YW 102%
EFBEEF 4R THYRA Y865 (PEFY865) P43187517   Scrotal 34.5

UPS DOMINO 3027 (3027) 42426386   **Feed Efficiency**
Dam OR 3027 MISS DOMINO 401R (401) 43635798   ADG 3.85
DS RAM DOMET 702 (702) 42877029   RFI 1.01
FE Index -$5.50

5/16/2023 WT 1008

BMI	CHB
$490	$173

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
7.3	1.7	58	92	0.2	1.4	23.6	36	65	7.3	40	1.50	1.60	58	0.06	0.67	0.85

G269 OR G095 IMPROVER G269   MDP

44514081   Horned   5/27/2022

	Ratio
	BW 87%

EFBEEF BR VALIDATED B413 (PEFB413) P43558667   WW 103%
Sire SHF GOLDSMITH B413 G095 (G095) P44005220   YW 97%
SHF MAGGIE Y90 B66 (B66) P43477571   Scrotal 35.0

UPS DOMINO 3027 (3027) 42426386   **Feed Efficiency**
Dam OR 3027 MISS DOMINO 414R (414) 43635812   ADG 3.26
DS 1045 MS ADV 706 (706) 42877025   RFI -1.78
FE Index $4.12

5/16/2023 WT 944

BMI	CHB
$505	$164

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
13.2	-2.4	47	69	0.1	0.9	25.1	32	56	6.3	53	1.50	1.50	64	0.06	0.45	0.71

273F OR F158 FORESIGHT 273F

44517022   Polled   5/27/2022

	Ratio
	BW 94%

EFBEEF BR VALIDATED B413 (PEFB413) P43558667   WW 89%
Sire SHF FORESIGHT B413 F158 (F158) P43894968   YW 87%
SHF GERBER R117 Y200 (Y200) P43181086   Scrotal 34.0

CSU RAM DOMINATOR 4203 (4203) 42531422   **Feed Efficiency**
Dam OR RAM DOMET H310 (310) 43472997   ADG 2.82
OR L008 MISS HARLAND 103Z (103) 43274124   RFI -0.81
FE Index -$5.11

5/16/2023 WT 836

BMI	CHB
$481	$158

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
7.2	0.6	43	66	-0.2	0.8	23.3	24	45	1.9	67	1.40	1.40	68	0.03	0.55	0.51

259F OR F158 FORESIGHT 259F

44517019	Polled	5/22/2022

	Ratio	
BW	110%
EFBEEF BR VALIDATED B413 (PEFB413) P43558667	WW	103%
Sire SHF FORESIGHT B413 F158 (F158) P43894968	YW	102%
SHF GERBER R117 Y200 (Y200) P43181086	Scrotal	36.0

	Feed Efficiency	
DS 1045 ADVANCE 3575N (3575) 42394633	ADG	3.24
Dam OR 3575 MISS ADVANCE N728 (728) 43968108	RFI	-1.19
OR 3027 MISS DOMINO 104R (104) 43266040	FE Index	-$3.44

5/16/2023 WT 998

BMI	CHB
$373	$141

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
2.0	3.8	55	89	0.2	1.1	16.8	22	49	2.0	101	1.40	1.30	65	0.05	0.45	0.45

274F OR F158 FORESIGHT 274F

44517023	Polled	5/27/2022

	Ratio	
BW	106%
EFBEEF BR VALIDATED B413 (PEFB413) P43558667	WW	106%
Sire SHF FORESIGHT B413 F158 (F158) P43894968	YW	106%
SHF GERBER R117 Y200 (Y200) P43181086	Scrotal	35.5

	Feed Efficiency	
CSU RAM DOMINATOR 4203 (4203) 42531422	ADG	3.83
Dam OR RAM DOMET H326 (326) 43473005	RFI	-2.12
OR 3575 MISS ADV N913 (916) 43068258	FE Index	$13.98

5/16/2023 WT 1021

BMI	CHB
$373	$142

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
3.1	2.4	57	89	0.2	1.0	16.5	20	49	-3.4	99	1.40	1.30	65	0.01	0.63	0.42

295 OR 657L Domino 295

44514289	Horned	7/1/2022

	Ratio	
BW	
LJS MARK DOMINO 0945 (0945) 43000470	WW	
Sire OR 0945 DOMINO 657L (657) 43860459	YW	
OR 3027 MISS DOMINO 318R (318) 43472973	Scrotal	36.0

	Feed Efficiency	
OR 3575 ADVANCE N359 (359) 43473003	ADG	3.74
Dam OR N359 MARYANN J725 ET (725) 43968227	RFI	-1.59
OR MISS PROFICIENT 002Z (002) P43173347	FE Index	$25.59

5/16/2023 WT 746

BMI	CHB
$337	$133

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
10.8	0.3	40	64	0.1	0.9	15.2	34	53	7.8	48	1.35	1.40	59	0.03	0.40	0.44

OLSEN RANCHES, INC.

ARTHUR OLSEN
(308) 631-3104

DOUGLAS OLSEN
(308) 641-1273

2022 Born Bulls

Sale Order	ID	Dam	Calv. Ease Direct	Birth Wt	Wean Wt	Year Wt	DMI	Scrotal Circ.	SCF	Mlk	Milk & Grwth	Calv. Ease Mat.	Mat Cow Wt	Udd Susp	Teat Size	Carc Wt	Fat	Rib Eye Area	Marb	BMI Index ($)	CHB Index ($)	Final Wt 16-May	70 Day Gain	Intake Daily (lb)	ADJ F/G	RFI (lb)	RG	FE Index
1	G253	910Z	9.0	-0.9	45	78	0.3	0.7	23.5	25	48	4.3	53	1.4	1.3	53	0.03	0.41	0.66	$464	$148	920	3.60	21.6	5.82	-1.72	0.24	$12.20
2	261Z	B036	14.1	-1.0	47	79	0.1	1.3	18.5	26	50	7.4	67	1.5	1.5	69	0.00	0.60	0.71	$422	$182	916	4.14	25.0	5.99	1.00	0.43	$6.33
3	G278	716Z	5.2	2.1	64	107	0.3	1.5	23.3	31	63	3.8	88	1.4	1.5	87	0.04	0.70	0.57	$504	$187	1075	4.99	27.2	4.81	-0.40	1.06	$24.03
4	287	904Z	8.3	1.5	59	87	-0.1	1.6	17.4	25	55	6.6	106	1.2	1.3	81	0.00	0.83	0.38	$415	$167	743	3.29	19.0	6.70	-1.06	0.18	$12.33
5	256V	401R	7.3	1.7	58	92	0.2	1.4	23.6	36	65	7.3	40	1.5	1.6	58	0.06	0.67	0.85	$490	$173	1008	3.85	26.0	6.10	1.01	0.05	-$5.50
6	G269	414R	13.2	-2.4	47	69	0.1	0.9	25.1	32	56	6.3	53	1.5	1.5	64	0.06	0.45	0.71	$505	$164	944	3.26	21.4	6.16	-1.78	-0.07	$4.12
7	273F	H310	7.2	0.6	43	66	-0.2	0.8	23.3	24	45	1.9	67	1.4	1.4	68	0.03	0.55	0.51	$481	$158	836	2.82	20.0	7.32	-0.81	-0.39	-$5.11
8	259F	N728	2.0	3.8	55	89	0.2	1.1	16.8	22	49	2.0	101	1.4	1.3	65	0.05	0.45	0.45	$373	$141	998	3.24	22.7	6.30	-1.19	-0.23	-$3.44
9	274F	H326	3.1	2.4	57	89	0.2	1.0	16.5	20	49	-3.4	99	1.4	1.3	65	0.01	0.63	0.42	$373	$142	1021	3.83	22.9	5.38	-2.12	0.34	$13.98
10	295	J725	10.8	0.3	40	64	0.1	0.9	15.2	34	53	7.8	48	1.4	1.4	59	0.03	0.40	0.44	$337	$133	746	3.74	19.1	6.02	-1.59	0.63	$25.59
11	260E	916R	5.0	1.6	60	89	0.3	1.4	24.5	28	59	4.5	58	1.5	1.6	81	0.06	0.79	0.64	$514	$178	994	3.53	22.3	5.75	-1.94	0.10	$8.04
12	N255	C901	2.9	2.8	58	87	0.2	1.8	21.9	29	58	1.7	93	1.4	1.5	68	0.07	0.69	0.70	$470	$167	896	3.22	21.8	6.68	-0.47	-0.16	-$2.24
13	251A	825R	9.7	-1.0	45	76	-0.1	1.2	21.5	34	57	8.3	30	1.4	1.5	63	-0.01	0.45	0.54	$450	$161	985	3.79	21.7	5.27	-2.83	0.42	$19.69
14	T299	018F	*	-1.2	62	112				33						73	0.03	0.47	0.63			1053	4.24	24.2	5.05	-1.88	0.62	$19.47
15	296	409B	*	-2.2	53	95				37						58	0.01	0.15	0.62			1133	4.05	27.6	5.61	0.55	0.08	-$5.58
16	276Z	205R	9.1	2.1	54	90	0.3	1.3	27.3	27	54	9.7	73	1.4	1.5	66	-0.06	0.76	0.25	$527	$138	1050	3.54	25.6	6.25	0.45	-0.22	-$11.06
17	279V	B906	5.4	0.3	56	91	0.4	1.4	22.7	38	66	5.6	65	1.3	1.4	73	0.04	0.82	0.93	$501	$200	879	3.41	29.1	8.61	6.81	-0.72	-$44.77
18	G262	032Z	12.3	-1.5	46	76	0.3	1.3	27.3	36	59	7.7	48	1.5	1.5	51	0.02	0.44	0.75	$524	$153	927	3.76	25.5	6.55	1.81	0.01	-$7.94
19	J252	H319	17.2	-2.9	34	56	-0.1	1.2	20.6	25	42	5.6	39	1.3	1.4	58	0.05	0.61	0.64	$433	$157	857	3.33	19.7	6.08	-2.17	0.15	$13.37
20	J263	039A	7.6	-0.5	46	75	0.1	1.2	14.5	26	50	2.5	57	1.2	1.3	62	0.01	0.58	0.45	$338	$143	846	3.06	22.9	7.71	1.58	-0.44	-$16.25
21	G267	J834	11.2	-1.3	45	78	0.1	1.0	22.2	26	48	8.7	55	1.4	1.4	55	0.05	0.21	0.72	$449	$157	952	3.37	23.2	6.48	-0.16	-0.15	-$4.41
22	G265	611X	11.7	0.5	50	78	0.1	1.2	26.2	31	56	9.5	55	1.5	1.6	71	0.12	0.58	0.69	$527	$168	967	3.76	23.3	5.79	-0.96	0.23	$7.72

FEED EFFICIENCY TRIAL (March 18 - May 16, 2023)

23	G291	028A	9.0	-0.1	51	81	0.2	0.6	18.2	32	57	8.6	50	1.2	1.4	53	0.00	0.14	0.64	$384	$145	813	3.30	21.5	7.01	0.39	-0.06	-$1.11
24	G292	013E	11.0	-0.2	61	90	0.1	0.7	22.0	39	70	5.1	52	1.4	1.5	83	0.07	0.66	0.88	$497	$207	715	3.14	19.3	7.33	-0.07	0.00	$4.60
25	G277	521K	6.6	-1.3	51	80	0.1	1.1	23.2	33	58	3.1	67	1.3	1.4	67	0.04	0.49	0.72	$486	$172	918	3.73	22.1	5.75	-1.44	0.32	$13.12
26	B294	309B	6.9	-0.3	49	83	0.2	1.3	21.8	29	54	3.2	59	1.3	1.3	54	0.07	0.24	0.64	$436	$143	833	3.60	20.7	6.11	-1.17	0.33	$14.29
27	K281	F621	7.2	0.5	51	79	-0.1	1.0	22.8	31	57	2.4	93	1.3	1.4	71	0.03	0.55	0.54	$484	$166	913	3.26	22.0	6.55	-0.63	-0.14	-$1.39
28	D268	T805	-2.0	4.8	70	111	0.3	1.2	16.6	29	64	0.8	97	1.2	1.1	90	0.03	1.01	0.40	$409	$175	1072	4.15	27.8	5.79	1.46	0.16	-$5.85
29	D2101	T746	0.0	2.4	63	98	0.1	1.3	20.3	31	63	-0.4	80	1.3	1.4	70	0.04	0.64	0.47	$440	$155	1023	3.95	24.1	5.48	-1.20	0.34	$10.24
30	2100E	T739	-3.3	4.9	71	107	0.2	1.2	21.0	27	63	-2.9	103	1.2	1.3	93	0.04	0.90	0.50	$481	$186	1002	3.68	25.4	6.24	0.78	-0.07	-$7.32
31	275E	L522	4.7	1.9	57	81	-0.1	1.2	20.9	24	52	1.3	88	1.4	1.5	67	0.09	0.38	0.54	$442	$149	833	3.55	20.7	6.18	-1.11	0.27	$12.63
32	257E	517B	9.2	-0.7	47	74	0.3	1.4	20.0	22	46	1.4	46	1.1	1.2	74	0.10	0.27	0.78	$427	$173	966	3.06	25.0	7.48	1.79	-0.65	-$25.19
33	C289	F514	4.1	0.8	63	97	0.0	1.4	28.4	31	62	2.5	50	1.6	1.7	73	0.10	0.72	0.50	$560	$160	937	3.20	24.1	7.12	1.17	-0.41	-$15.99
34	C272	F622	1.5	1.6	57	77	0.0	0.6	21.8	15	43	0.3	53	1.6	1.7	61	0.02	0.63	0.50	$449	$143	990	3.42	23.1	6.16	-0.87	-0.09	-$1.02
	Olsen Sale Bull		7.1	0.7	53	84	0.1	1.2	21.5	29	55	4.2	67	1.4	1.4	68	0.04	0.57	0.60	$456	$162	934	3.58	23.2	6.28	-0.26	0.06	$1.69
	Breed Avg. EPDs		3.3	2.7	55	89	0.2	1.0	16.6	26	54	1.9	88	1.3	1.3	70	0.02	0.43	0.13	$356	$117							

ADJ F/G — Pounds of feed required for one pound of live weight gain adjusted for an animal's body weight.

Lower is more desirable.

RFI — The difference between an animal's actual feed intake and the predicted intake based on the size and growth during the test.

Lower is more desirable.

RG — The difference between an animal's actual weight gain and the predicted gain based on intake and body weight.

Higher is more desirable.

FE Index — An Index to combine value of gain and cost of intake based on intake and body weight.

Higher is more desirable.

* 1/2 Red Angus 1/2 Hereford - Estimated EPD with a Hereford base using MARC across breed adjustments

260E OR E158 RESOLVE 260E

44514225	Homozygous Polled	5/23/2022

Ratio
BW 108%

EFBEEF RESOLUTE CEO (PEFC609) P43591829
Sire EFBEEF C609 RESOLUTE E158 ET (PEFE158) P43847198
EFBEEF P606 MABEL R415 (PEFR415) P42635108

WW 113%
YW 105%
Scrotal 35.5

ILR RED POWER 456B (456B) P43499435
Dam OR 456B GIRL POWER 916R (916) P44195341
OR 3575 MISS ADVANCE N726 (726) 43968118

Feed Efficiency
ADG 3.53
RFI -1.94
FE Index $8.04

5/16/2023 WT 994

	BMI	CHB
	$514	$178

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
5.0	1.6	60	89	0.3	1.4	24.5	28	59	4.5	58	1.50	1.60	81	0.06	0.79	0.64

N255 OR 3575 ADVANCE N255

44515189	Scurred	5/20/2022

Ratio
BW 114%

HH ADVANCE 1045L (1045) 42151369
Sire DS 1045 ADVANCE 3575N (3575) 42394633
DS 6805 MS TROY 8605 (8605) 41046851

WW 113%
YW 104%
Scrotal 37.0

SCHU-LAR CONVERSION 501 ET (501) P43624399
Dam OR 501 MISS COMPETITOR C901 (901) P44195213
OR 3027 MISS DOMINO 115R (115) 43266037

Feed Efficiency
ADG 3.22
RFI -0.47
FE Index -$2.24

5/16/2023 WT 896

	BMI	CHB
	$470	$167

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
2.9	2.8	58	87	0.2	1.8	21.9	29	58	1.7	93	1.40	1.50	68	0.07	0.69	0.70

251A OR 36F ASSET 251A

MDP DBP

44514141	Polled	5/18/2022

Ratio
BW 88%

NJW 98S R117 RIBEYE 88X ET (98S88X) 43094146
Sire SCHU-LAR ASSET 36F (36F) P43910830
SCHU-LAR 9Z VIVIAN 001 22S (9Z) P43271542

WW 102%
YW 101%
Scrotal 40.0

UPS DOMINO 3027 (3027) 42426386
Dam OR 3027 MISS DOMINO 825R (825) 44068611
OR S361 MISS HUSKER F622 (622) 43860100

Feed Efficiency
ADG 3.79
RFI -2.83
FE Index $19.69

5/16/2023 WT 985

	BMI	CHB
	$450	$161

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
9.7	-1.0	45	76	-0.1	1.2	21.5	34	57	8.3	30	1.40	1.50	63	-0.01	0.45	0.54

T299 OR 1/2 Red Angus 1/2 Hereford T299

44515214   Scurred   5/30/2022

Ratio

BW	92%
WW	120%
YW	116%
Scrotal	37.5

5L DEFENDER 560-30Z15499331P
Sire SCHULER TOP HAND D91135530181POSF
SOR BRASKA ENDRANCE B62516970151P

EFBEEF X651 TESTED A250 (PEFA250) P43440096
Dam OR A250 MISS TESTED 018F (018) P44304688
OR N162 MISS HUSKER L816 (816) 44068620

Feed Efficiency

ADG	4.24
RFI	-1.88
FE Index	$19.47

5/16/2023 WT 1053

	BMI	CHB

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
	-1.2	62	112				33						73	0.03	0.47	0.63

296 OR 1/2 Red Angus 1/2 Hereford 296

44515199   Polled   5/29/2022

Ratio

BW	99%
WW	113%
YW	116%
Scrotal	37.0

5L DEFENDER 560-30Z15499331P
Sire SCHULER DEFENDER 5607C34897871P
SOR KITTY REBEL 3902A16135271P

GENOAS BONANZA 11051 (11051) P43174342
Dam OR MISS BONANZA 409B (409) 43635831
OR MISS PROGRESS 113P (113) P43266038

Feed Efficiency

ADG	4.05
RFI	0.55
FE Index	-$5.58

5/16/2023 WT 1133

	BMI	CHB

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
	-2.2	53	95				37						58	0.01	0.15	0.62

276Z OR Z115 GENERATOR 276Z

44513901   Scurred   5/29/2022

Ratio

BW	110%
WW	117%
YW	111%
Scrotal	39.0

KCF BENNETT REVOLUTION X51 (X51) P43081556
Sire SHF ZANE X51 Z115 (Z115) P43276663
SHF FOREVER P20 X172 (X172) P43078192

UPS DOMINO 3027 (3027) 42426386
Dam OR 3027 MISS DOMINO 205R (205) 43374249
DS 9059 MS BEEF 708 (708) 42877038

Feed Efficiency

ADG	3.54
RFI	0.45
FE Index	-$11.06

5/16/2023 WT 1050

	BMI	CHB
	$527	$138

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
9.1	2.1	54	90	0.3	1.3	27.3	27	54	9.7	73	1.40	1.50	66	-0.06	0.76	0.25

279V OR B413 VALIDATED 279V   DBP

          44517016   Scurred   5/29/2022   Ratio
                                                                              BW   101%
          EFBEEF TFL U208 TESTED X651 ET (PEFX651) P43091736   WW   100%
Sire EFBEEF BR VALIDATED B413 (PEFB413) P43558667   YW   104%
          EFBEEF 4R THYRA Y865 (PEFY865) P43187517   Scrotal   39.0

          OR N162 HUSKER L574 (574) 43745946   Feed Efficiency
Dam OR L574 GINGER B906 (906) P44195246   ADG   3.41
          OR Z18 MISS FAMOUS 508F (508) P43749563   RFI   6.81
                                                                             FE Index -$44.77

     5/16/2023 WT   879

| | | | | BMI | CHB |
| | | | | $501 | $200 |

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
5.4	0.3	56	91	0.4	1.4	22.7	38	66	5.6	65	1.30	1.40	73	0.04	0.82	0.93

G262 OR G095 IMPROVER G262   MDP

          44515230   Polled   5/24/2022   Ratio
                                                                              BW   94%
          EFBEEF BR VALIDATED B413 (PEFB413) P43558667   WW   114%
Sire SHF GOLDSMITH B413 G095 (G095) P44005220   YW   106%
          SHF MAGGIE Y90 B66 (B66) P43477571   Scrotal   36.0

          SHF ZANE X51 Z115 (Z115) P43276663   Feed Efficiency
Dam OR Z115 MISS GENERATOR 032Z (032) P44308117   ADG   3.76
          OR 3575 MISS ADVANCE N726 (726) 43968118   RFI   1.81
                                                                             FE Index -$7.94

     5/16/2023 WT   927

| | | | | BMI | CHB |
| | | | | $524 | $153 |

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
12.3	-1.5	46	76	0.3	1.3	27.3	36	59	7.7	48	1.50	1.50	51	0.02	0.44	0.75

J252 OR B990 JULE J252

          44514282   Scurred   5/15/2022   Ratio
                                                                              BW   86%
          OR N162 HUSKER L574 (574) 43745946   WW   83%
Sire OR L574 PIONEER B990 (990) P44195289   YW   86%
          OR A250 MISS TESTED 737F (737) P43968117   Scrotal   34.0

          CSU RAM DOMINATOR 4203 (4203) 42531422   Feed Efficiency
Dam OR RAM DOMET H319 (319) 43472950   ADG   3.33
          OR 3575 MISS HUSKER N119 ET (119) 43268576   RFI   -2.17
                                                                             FE Index $13.37

     5/16/2023 WT   857

| | | | | BMI | CHB |
| | | | | $433 | $157 |

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
17.2	-2.9	34	56	-0.1	1.2	20.6	25	42	5.6	39	1.30	1.40	58	0.05	0.61	0.64

J263 OR B990 JULE J263

44515231   Scurred   5/25/2022   Ratio

BW	91%

                OR N162 HUSKER L574 (574) 43745946

WW	111%

Sire OR L574 PIONEER B990 (990) P44195289

YW	97%

                OR A250 MISS TESTED 737F (737) P43968117

Scrotal	33.0

                SCHU-LAR ASSET 36F (36F) P43910830

Dam OR 36F MISS ADVANTAGE 039A (039) P44308141

                OR N151 MISS HUSKER S428 (428) 43635776

Feed Efficiency	
ADG	3.06
RFI	1.58
FE Index	-$16.25

5/16/2023 WT   846

BMI	CHB
$338	$143

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
7.6	-0.5	46	75	0.1	1.2	14.5	26	50	2.5	57	1.20	1.30	62	0.01	0.58	0.45

G267 OR G095 IMPROVER G267   MDP

44514294   Horned   5/25/2022   Ratio

BW	92%

                EFBEEF BR VALIDATED B413 (PEFB413) P43558667

WW	99%

Sire SHF GOLDSMITH B413 G095 (G095) P44005220

YW	99%

                SHF MAGGIE Y90 B66 (B66) P43477571

Scrotal	35.0

                OR 3575 ADVANCE N359 (359) 43473003

Dam OR N359 MARYANN J834 (834) 44068490

                OR MISS BONANZA 305B (305) P43472996

Feed Efficiency	
ADG	3.37
RFI	-0.16
FE Index	-$4.41

5/16/2023 WT   952

BMI	CHB
$449	$157

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
11.2	-1.3	45	78	0.1	1.0	22.2	26	48	8.7	55	1.40	1.40	55	0.05	0.21	0.72

G265 OR G095 IMPROVER G265   MDP

44514243   Polled   5/25/2022   Ratio

BW	96%

                EFBEEF BR VALIDATED B413 (PEFB413) P43558667

WW	96%

Sire SHF GOLDSMITH B413 G095 (G095) P44005220

YW	99%

                SHF MAGGIE Y90 B66 (B66) P43477571

Scrotal	33.0

                KCF BENNETT ADDITION B262 ET (B262) P43500553

Dam OR B262 MISS ADDITION 611X (611) P43860136

                OR 3575 MISS HUSKER N120 ET (120) 43268577

Feed Efficiency	
ADG	3.76
RFI	-0.96
FE Index	$7.72

5/16/2023 WT   967

BMI	CHB
$527	$168

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
11.7	0.5	50	78	0.1	1.2	26.2	31	56	9.5	55	1.50	1.60	71	0.12	0.58	0.69

G291 OR G095 IMPROVER G291   MDP
          44515228   Polled   6/20/2022   Ratio
                                                                                    BW   93%
          EFBEEF BR VALIDATED B413 (PEFB413) P43558667   WW
Sire SHF GOLDSMITH B413 G095 (G095) P44005220   YW   100%
          SHF MAGGIE Y90 B66 (B66) P43477571   Scrotal   33.0

          SCHU-LAR ASSET 36F (36F) P43910830   Feed Efficiency
Dam OR 36F MISS ADVANTAGE 028A (028) 44308115   ADG   3.30
          OR N359 MARYANN J736 ET (736) 43968228   RFI   0.39
                                                                        FE Index -$1.11

          5/16/2023 WT   813

															BMI	CHB
															$384	$145
CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
9.0	-0.1	51	81	0.2	0.6	18.2	32	57	8.6	50	1.20	1.40	53	0.00	0.14	0.64

G292 OR G095 IMPROVER G292   MDP
          44515223   Polled   6/27/2022   Ratio
                                                                                    BW   97%
          EFBEEF BR VALIDATED B413 (PEFB413) P43558667   WW
Sire SHF GOLDSMITH B413 G095 (G095) P44005220   YW   95%
          SHF MAGGIE Y90 B66 (B66) P43477571   Scrotal   33.0

          EFBEEF C609 RESOLUTE E158 ET (PEFE158) P43847198   Feed Efficiency
Dam OR E158 MISS RESOLVED 013E (013) P44308110   ADG   3.14
          OR A250 MISS TESTED 619F (619) P43860067   RFI   -0.07
                                                                        FE Index $4.60

          5/16/2023 WT   715

															BMI	CHB
															$497	$207
CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
11.0	-0.2	61	90	0.1	0.7	22.0	39	70	5.1	52	1.40	1.50	83	0.07	0.66	0.88

G277 OR G095 IMPROVER G277   MDP
          44514100   Polled   5/29/2022   Ratio
                                                                                    BW   105%
          EFBEEF BR VALIDATED B413 (PEFB413) P43558667   WW   89%
Sire SHF GOLDSMITH B413 G095 (G095) P44005220   YW   95%
          SHF MAGGIE Y90 B66 (B66) P43477571   Scrotal   37.0

          SHF PROGRESS P20 (P20) P42481042   Feed Efficiency
Dam OR MISS PROGRESS 521K (521) 43747048   ADG   3.73
          OR 3575 MISS ADVANCE N320 (320) 43472953   RFI   -1.44
                                                                        FE Index $13.12

          5/16/2023 WT   918

															BMI	CHB
															$486	$172
CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
6.6	-1.3	51	80	0.1	1.1	23.2	33	58	3.1	67	1.30	1.40	67	0.04	0.49	0.72

B294 OR G095 IMPROVER B294   MDP

44513983   Horned   7/1/2022   Ratio

EFBEEF BR VALIDATED B413 (PEFB413) P43558667
Sire SHF GOLDSMITH B413 G095 (G095) P44005220
SHF MAGGIE Y90 B66 (B66) P43477571

	Ratio
BW	
WW	
YW	
Scrotal	33.0

GENOAS BONANZA 11051 (11051) P43174342
Dam OR MISS BONANZA 309B (309) P43472986
OR MISS PROGRESS 121P (121) 43266033

Feed Efficiency	
ADG	3.60
RFI	-1.17
FE Index	$14.29

5/16/2023 WT 833

BMI	CHB
$436	$143

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
6.9	-0.3	49	83	0.2	1.3	21.8	29	54	3.2	59	1.30	1.30	54	0.07	0.24	0.64

K281 OR N753 STRATEGIC K281

44514247   Horned   5/31/2022   Ratio

DS 1045 ADVANCE 3575N (3575) 42394633
Sire OR 3575 ADVANCE N753 (753) 43968107
OR 3027 MISS DOMINO 006R (006) 43173323

	Ratio
BW	102%
WW	98%
YW	95%
Scrotal	35.0

OR N151 HUSKER S361 (361) 43472959
Dam OR S361 MISS HUSKER F621 (621) 43860115
OR RAM DOMET H405 (405) 43635832

Feed Efficiency	
ADG	3.26
RFI	-0.63
FE Index	-$1.39

5/16/2023 WT 913

BMI	CHB
$484	$166

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
7.2	0.5	51	79	-0.1	1.0	22.8	31	57	2.4	93	1.30	1.40	71	0.03	0.55	0.54

D268 OR C981 DALTON D268

44514332   Horned   5/25/2022   Ratio

SCHU-LAR CONVERSION 501 ET (501) P43624399
Sire OR 501 COMPETITOR C981 (981) P44195349
OR N151 MISS HUSKER S402 (402) 43635806

	Ratio
BW	118%
WW	114%
YW	112%
Scrotal	34.5

OR 3575 HUSKER N464 ET (464) 43647548
Dam OR N464 MISS ADVANCE T805 (805) 44068491
OR U332 MISS BEEF EATER 306T (306) P43472964

Feed Efficiency	
ADG	4.15
RFI	1.46
FE Index	-$5.85

5/16/2023 WT 1072

BMI	CHB
$409	$175

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
-2.0	4.8	70	111	0.3	1.2	16.6	29	64	0.8	97	1.20	1.10	90	0.03	1.01	0.40

D2101 OR C981 DALTON D2101

44515238 Horned 5/21/2022	Ratio
	BW 108%
SCHU-LAR CONVERSION 501 ET (501) P43624399	WW 105%
Sire OR 501 COMPETITOR C981 (981) P44195349	YW 105%
OR N151 MISS HUSKER S402 (402) 43635806	Scrotal 34.0

OR 3575 HUSKER N464 ET (464) 43647548	Feed Efficiency
Dam OR N464 MISS ADVANCE T746 (746) 43968113	ADG 3.95
OR W485 MISS PRO 114A (114) P43268272	RFI -1.20
	FE Index $10.24

5/16/2023 WT   1023

BMI	CHB
$440	$155

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
0.0	2.4	63	98	0.1	1.3	20.3	31	63	-0.4	80	1.30	1.40	70	0.04	0.64	0.47

2100E OR E158 RESOLVE 2100E

44517028 Scurred 5/25/2022	Ratio
	BW 115%
EFBEEF RESOLUTE CEO (PEFC609) P43591829	WW 104%
Sire EFBEEF C609 RESOLUTE E158 ET (PEFE158) P43847198	YW 104%
EFBEEF P606 MABEL R415 (PEFR415) P42635108	Scrotal 32.0

OR 3575 HUSKER N464 ET (464) 43647548	Feed Efficiency
Dam OR N464 MISS ADVANCE T739 (739) 43968207	ADG 3.68
OR N151 MISS HUSKER S315 (315) P43472979	RFI 0.78
	FE Index -$7.32

5/16/2023 WT   1002

BMI	CHB
$481	$186

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
-3.3	4.9	71	107	0.2	1.2	21.0	27	63	-2.9	103	1.20	1.30	93	0.04	0.90	0.50

275E OR E158 RESOLVE 275E   DBP

44517025 Scurred 5/27/2022	Ratio
	BW 106%
EFBEEF RESOLUTE CEO (PEFC609) P43591829	WW 79%
Sire EFBEEF C609 RESOLUTE E158 ET (PEFE158) P43847198	YW 86%
EFBEEF P606 MABEL R415 (PEFR415) P42635108	Scrotal 35.0

OR 3575 HUSKER N162 ET (162) 43268578	Feed Efficiency
Dam OR N162 MISS HUSKER L522 (522) P43745919	ADG 3.55
OR MISS FOUNDATION 208F (208) P43373886	RFI -1.11
	FE Index $12.63

5/16/2023 WT   833

BMI	CHB
$442	$149

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
4.7	1.9	57	81	-0.1	1.2	20.9	24	52	1.3	88	1.40	1.50	67	0.09	0.38	0.54

257E | OR E158 RESOLVE 257E

44514091 Scurred 5/22/2022 Ratio

	BW 95%
EFBEEF RESOLUTE CEO (PEFC609) P43591829	WW 97%
Sire EFBEEF C609 RESOLUTE E158 ET (PEFE158) P43847198	YW 98%
EFBEEF P606 MABEL R415 (PEFR415) P42635108	Scrotal 34.0

	Feed Efficiency
GENOAS BONANZA 11051 (11051) P43174342	ADG 3.06
Dam OR MISS BONANZA 517B (517) 43747036	RFI 1.79
OR MISS PROGRESS 113P (113) P43266038	FE Index -$25.19

5/16/2023 WT 966

BMI	CHB
$427	$173

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
9.2	-0.7	47	74	0.3	1.4	20.0	22	46	1.4	46	1.10	1.20	74	0.10	0.27	0.78

C289 | OR 501 COMPETITOR C289

44514979 Scurred 6/19/2022 Ratio

	BW 113%
KCF BENNETT INFLUENCE Z80 (Z80) P43282587	WW 97%
Sire SCHU-LAR CONVERSION 501 ET (501) P43624399	YW 103%
SCHU-LAR 10X OF 22U N093 (10X) P43084010	Scrotal 34.0

	Feed Efficiency
OR N151 HUSKER S361 (361) 43472959	ADG 3.20
Dam OR S361 MISS HUSKER F514 (514) 43745927	RFI 1.17
OR MISS BONANZA 309B (309) P43472986	FE Index -$15.99

5/16/2023 WT 937

BMI	CHB
$560	$160

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
4.1	0.8	63	97	0.0	1.4	28.4	31	62	2.5	50	1.60	1.70	73	0.10	0.72	0.50

C272 | OR 501 COMPETITOR C272   MDP DBP

44514248 Scurred 5/27/2022 Ratio

	BW 110%
KCF BENNETT INFLUENCE Z80 (Z80) P43282587	WW 104%
Sire SCHU-LAR CONVERSION 501 ET (501) P43624399	YW 102%
SCHU-LAR 10X OF 22U N093 (10X) P43084010	Scrotal 35.0

	Feed Efficiency
OR N151 HUSKER S361 (361) 43472959	ADG 3.42
Dam OR S361 MISS HUSKER F622 (622) 43860100	RFI -0.87
OR Y90 SANDY 421S (421) P43635820	FE Index -$1.02

5/16/2023 WT 990

BMI	CHB
$449	$143

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB
1.5	1.6	57	77	0.0	0.6	21.8	15	43	0.3	53	1.60	1.70	61	0.02	0.63	0.50

Genetic Defect

Mandibulofacial Dysostosis (MD) - The anatomic features overlap with a variety of other facial defects and can include cleft palate, short jaw and a crooked jaw or face. This is a relatively new defect in Hereford cattle. This is a recessive trait. Both parents must be carriers for the trait in order to have affected calves. The bulls with the (MDC) notation are carriers for the trait. (MDP) is the notation for an animal that potentially could be a carrier. All potential carrier bulls have been tested and the results will be available by sale day.

Delayed Blindness (DB) – Animals have no apparent deficiency of vision as a calf. However, at approximately 9-12 months of age, the affected animals have vision loss. The eyes of affected animals appear normal. This is an autosomal recessive defect. Thus, an affected calf must have two carrier parents. Carriers of the mutation are healthy and unaffected. (DBP) is the notation for an animal that potentially could be a carrier. All potential carrier bulls have been tested and the results should be available by sale day.

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