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. 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.

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 dioxide methane and carbon 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)



- Enter your e-mail address and password, and fill out all your contact information
- Fill out your Banking Information. If you are only viewing the sale and do not wish to bid, this information can be left blank.
- Check the checkbox at the bottom of the page that says "I'm not a robot" to prove you are a real person
- Click "Register" at the bottom of the page
- You will receive an email with a link to activate your account.
- Please register to bid at least 24 hours in advance of the sale.
- Contact Marc Hotchkiss at (605) 210-1956 for help or with any questions.

You will receive an email when you are approved for bidding. All applications will be reviewed and processed promptly. You will receive a bidder number only aft er you have made a purchase in the sale, and that number will only be used at that sale. When the sale is completed, please contact the sale owner or manager for instructions of payment and delivery of your purchase.

To use our service, you must have access to High Speed Internet.

Questions?

Contact Jessica Kammerer at (605) 786-7066 or *Support* at (605) 920-9261 www.TheLivestockLink.com

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: <u>www.olsenranches.com</u>. 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 <u>after</u> 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.

Olsen Ranches, Inc.

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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

				· ,	0' -			-						0.0					
	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 <u>www.hereford.org</u>. 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 G	095 IN	MPRO	VER G	253								MDP			
	•	445´	14221		Polled	b				5/18/2	2022					Ratio
															BW	87%
	EFBE	EF BF	R VAL	IDATE	D B41	3 (PEF	B413) P43	55866	67					WW	92%
Sire SI	HF GO	LDSN	ЛТН Е	3413 G	095 (0	G095) F	P4400	5220							YW	106%
	SHF N	MAGG	GIE Y9	0 B66 ((B66)	P4347	7571							\$	Scrotal	33.0
	SHF Z	ZANE	X51 Z	.115 (Z	115) F	P43276	663								Feed E	Efficiency
Dam C)R Z11	5 GU	NPOV	VDER 9	910Z (910) P	4419	5230							ADG	3.60
	OR M	ISS B	ONAN	IZA 30	9B (30)9) P43	34729	86							RFI	-1.72
														FE	Index	\$12.20
5/16	6/2023	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 Z	115 G	ENER	ATOR	261Z											
		445´	15212		Homo	ozygou	s poll	ed		5/23/2	2022					Ratio
															BW	84%
	KCF E	BENN	ETT R	REVOLU	JTION	J X51 (X51)	P4308	31556						WW	103%
Sire SI	HF ZAI	NE X5	51 Z11	5 (Z11	5) P43	327666	3								YW	105%
	SHF F	ORE	VER F	20 X1	72 (X1	72) P4	3078	192							Scrotal	35.5
	OR N	162 H	USKE	R L574	1 (574) 4374:	5946								Feed E	Ifficiency
Dam C	OR L57	4 MIS	SS PIO	NEER	B036	(036) I	P4430)4429							ADG	4.14
	OR 50	01 MIS	SS CO	MPET	ITOR	C845 (845) I	P4406	68479						RFI	1.00
														FE	Index	\$6.33
5/16	6/2023	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 G	095 II	MPRO	VER G	278								MDP	DBP		
	•	445 ⁻	14118		Polled	b				5/29/2	2022					Ratio
															BW	110%
	EFBE	EF BI	R VAL	IDATEI	D B41	3 (PEF	B413	3) P43	55866	7					WW	102%
Sire Sł	HF GO	DSN	ЛІТН Е	3413 G	095 (0	6095) F	P4400)5220							YW	112%
	SHF N	MAGO	GIE Y9	0 B66 ((B66)	P4347	7571							9	Scrotal	39.0
	LOEV	VEN C	C&L 33	IN APC	ILO A	442 ET	- (A42	2) P43	37356	67					Feed E	Ifficiency
Dam C	R A42	2 MIS	S DIXI	E 716Z	(716)	P4396	58122	2							ADG	4.99
	OR U	332 N	1ISS B	EEF E	ATER	211T ((211)	P4337	73874						RFI	-0.40
														FE	Index	\$24.03
5/16	6/2023	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 B	988 J	2 OHN	.87										DBP		
		445 ⁻	15180		Home	zygou	s Poll	ed		6/10/2	2022					Ratio
															BW	107%
	OR N	162 H	USKE	R L574	l (574)) 4374	5946								WW	99%
Sire Ol	R L574	1 LITT	LE JC	HN B9	88 (98	38) P44	11952	282							YW	91%
	OR A4	42 MI	SS DI)	KIE 716	6Z (71	6) P43	9681	22						3	Scrotal	36.0
	SHF Z	ZANE	X51 Z	115 (Z	115) F	43276	663								Feed E	fficiency
Dam C	R Z11	5 MIS	SS ZAN	NE 904	Z (904	1) P44´	19526	6							ADG	3.29
	OR 09	945 M	ISS D	OMINC) 613L	(613)	4386	0461							RFI	-1.06
														FE	Index	\$12.33
5/16	6/2023	WΤ	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 B4	13 V/	ALIDA	TED 2	56V											
		4451	3990		Polled	ł				5/21/2	2022					Ratio
					`		- /				~ ~				BW	105%
	EFBEE				IED)	(651 E		- X65	1) P43	309173	36				VVVV	98%
Sire E					3413 (113) F	4355	800/						YVV	102%
	EFBEE	F 46	(I H Y I	RA 180	55 (PE	F Y 803) P4:	51875	17					i	Scrotal	34.5
	UPS D	OMIN	NO 30	27 (302	27) 42	42638	6								Feed E	Efficiency
Dam (DR 3027	' MIS	S DOI	MINO 4	401R ((401) 4	3635	798							ADG	3.85
	DS RA	M DC	DMET	702 (7	02) 42	287702	9								RFI	1.01
E (4)			4000											FE	Index	-\$5.50
5/10	6/2023	VVI	1008												BIMI	CHB
		<u> </u>			80	SOF	NALZ				חחוו			гт	\$490 DEA	\$1/3 MADD
		50	1 1 1		11	30F	26	IVIQG			1 50	1 EA I	50			
1.5	1.7	50	92	0.2	1.4	23.0	30	05	1.3	40	1.50	1.00	50	0.00	0.07	0.65
	-															
G269	OR G0	95 IN	/IPRO	VER G	269								MDP			-
		4451	4081		Horne	ed				5/27/2	2022					Ratio
										-					BVV	87%
Circ C							B413	5) P43	22800	1						103%
Siles				0 P66 /	095 (C	5095) F	-440U 7571	15220							Y VV Sorotol	9770
		AGG	IE 19	0 800 (B00)	P4347	/5/1							·	Scrolar	35.0
	UPS D	OMIN	NO 30	27 (302	27) 42	42638	6								Feed E	Efficiency
Dam (DR 3027	MIS	S DOI	MINO 4	414R ((414) 4	3635	812							ADG	3.26
	DS 104	45 MS	S ADV	′ 706 (7	7 06) 42	287702	25								RFI	-1.78
														FE	Index	\$4.12
5/16	6/2023	WΤ	944												BMI	CHB
															\$505	\$164
CED	BW \	NW	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 F1	58 F(ORES	IGHT 2	73F											
	_	4451	7022		Polled	b				5/27/2	2022					Ratio
										_					BW	94%
	EFBEE	FBF		IDATE	D B41	3 (PEF	B413	8) P43	55866	7					WW	89%
Sire S	HF FOR	ESIC	SHT B	413 F1	58 (F	158) P	43894	4968							YW	87%
	SHF G	ERBI	ER R1	17 Y20	JU (Y2	200) P4	3181	086						;	Scrotal	34.0
	CSU R	AM E		ATOR	4203	(4203) 425	31422							Feed E	Efficiency
Dam (OR RAM	DO	MET H	1 310 (3	10) 43	347299	, 7								ADG	2.82
	OR L00	08 M	ISS H	ARLAN	ID 103	3Z (103	3) 432	274124	1						RFI	-0.81
														FE	Index	<u>-\$5.11</u>
5/16	6/2023	WΤ	836												BMI	CHB
		-				1		-							\$481	\$158
CED	BW \	NW	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 F1	58 F	ORES	IGHT 2	59F											
		445´	17019		Polled	1				5/22/2	2022				514/	Ratio
										-					BW	110%
					J B41	3 (PEF	·B413	6) P43	55866)/						103%
Sile S		אבסוע		413 F1	20 (F	158) P	43094	1900							YVV	102%
	SHE	JERD	ERRI	17 120	JU (YZ	.00) P4	5181	080						,	Scrolar	30.0
	DS 10	45 A[OVAN	CE 357	5N (3	575) 42	23946	633							Feed E	Efficiency
Dam C	DR 357	5 MIS	SS AD	/ANCE	N728	8 (728)	4396	8108							ADG	3.24
	OR 30)27 M	ISS D	OMINC) 104F	R (104)	4326	6040							RFI	-1.19
E/10	2/2022	\ A /T	000											FE		-\$3.44
5/10	5/2023	VVI	990												©1011	
CED	B\//	<u>۱۸/۱۸/</u>	∇M	ΓМ	90	SCE	MK	M&C			חחוו	TEAT	C\W	БТ	φ373 DEA	- Φ141 MAPR
2.0	3.8	55	80	0.2	1 1	16.8	22	100	2.0	101	1 40	1 30	65	0.05		0.45
2.0	5.0	55	03	0.2	1.1	10.0	22	43	2.0	101	1.40	1.50	00	0.05	0.40	0.40
274F	OR F1	158 F	ORES	IGHT 2	274F	1				5/27/2	າບບວ					Patia
		440	17025		Folled	1				5/2//2	2022					106%
	FERE		R 1/ΔΙ		ר R41		R/13) P43	55866	:7						106%
Sire S			GHT B	413 F1	58 (F	158) P	43894	1968	00000						YW	106%
	SHF 6	FRR	FR R1	17 Y20	00 (i 10 (Y2	(00) P4	3181	086						ç	Scrotal	35.5
				17 12				000							oorotar	00.0
	CSU F	RAM I	DOMIN	ATOR	4203	(4203) 4253	31422							Feed E	Efficiency
Dam C	OR RAN	N DO	MET F	1326 (3	26) 43	347300)5								ADG	3.83
	OR 35	575 M	ISS AI	DV N91	13 (91	6) 430	68258	3							RFI	-2.12
														FE	Index	\$13.98
5/16	5/2023	WΤ	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 65	57L D	omino	295												
	-	445´	14289		Horne	ed				7/1/20)22					Ratio
															BW	
	LJS M	ARK	DOMI	NO 094	45 (09	45) 43	00047	70							WW	
Sire O	R 0945	5 DON	/INO 6	657L (6	57) 43	386045	9								YW	
	OR 30)27 M	ISS D	OMINC) 318F	R (318)	4347	2973							Scrotal	36.0
	OR 35	575 AI		CE N3	59 (35	9) 434	7300:	3							Feed F	fficiency
Dam C	DR N35	9 MA	RYAN	N J725	5 ET (7	725) 43	39682	27							ADG	3.74
	OR M	ISS P	ROFIC		002Z	(002) F	P4317	3347							RFI	-1.59
						. , '	-							FE	Index	\$25.59
5/16	6/2023	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 1	3orn	Bulls																				
			Calv.					Scrot		Μ	ilk Ce	ulv. Ma	ut				<u>Rib</u>		BMI	CHB	FEED E	FFICIEN	CY TRIA	L (Maı	rch 18 -	May 16,	2023)
Sale			Ease	Birth	Wean	Year		al		-~	% E	ase Co	w Udd	l Teat	Carc		Eye		Index	Index	16-May	70 Day	Intake	ADJ			FE
Ordei	ID	Dam	Direct	Wt	Wt	Wt	DMI	Circ.	SCF N	4lk Gr	wth M.	at. W	t Sus]	o Size	Wt	Fat	Area	Marb	(\$)	(\$)	Final Wt	Gain I	Daily (lb)	F/G	RFI (1b)	RG	Index
Ч	G253	910Z	9.0	-0.9	45	78	0.3	0.7 2	23.5	25 4	ŀ8 4	.3 53	3 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
0	261Z	B036	14.1	-1.0	47	79	0.1	1.3 1	18.5	26 E	50 7	.4 67	7 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
ю	G278	716Z	5.2	2.1	64	107	0.3	1.5 2	23.3	31 E	53 3	.8 8	3 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 E	55 6	.6 10	6 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
Ŋ	256V	401R	7.3	1.7	58	92	0.2	1.4	23.6	36 E	55 7	.3 4() 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
9	G269	414R	13.2	-2.4	47	69	0.1	0.9 2	25.1	32 E	56 6	.3 53	3 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 2	24 4	45 1	.9 67	7 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 4	t9 2	.0 10	1 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
6	274F	H326	3.1	2.4	57	89	0.2	1.0]	16.5	20 4	5- 61	.4 99	9 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 5	53 7	.8 48	3 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 E	59 4	.5 58	3 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 E	58 1	.7 93	3 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 5	57 8	.3 3() 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 2	27 E	54 9	.7 73	3 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	32.7	38 E	56 5	.6 65	5 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 2	27.3	36 5	59 7	.7 48	3 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 4	ł2 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 E	50 2	.5 57	7 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 4	ł8 8	.7 55	5 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 5	56 9	.5 55	5 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

Bull Sale

Saturday, January 27, 2024

12:00 PM

32 57 8.6 50 1.2 1.4 53 0.00 0.14 0.64 \$38	18.2 32 57 8.6 50 1.2 1.4 53 0.00 0.14 0.64 \$38	2 0.6 18.2 32 57 8.6 50 1.2 1.4 53 0.00 0.14 0.64 \$38	1 0.2 0.6 18.2 32 57 8.6 50 1.2 1.4 53 0.00 0.14 0.64 \$38	1 81 0.2 0.6 18.2 32 57 8.6 50 1.2 1.4 53 0.00 0.14 0.64 \$38	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 \$38	-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 \$38
39 70 5.1 52 1.4 1.5 83 0.07 0.66 0.85	22.0 39 70 5.1 52 1.4 1.5 83 0.07 0.66 0.88	1 0.7 22.0 39 70 5.1 52 1.4 1.5 83 0.07 0.66 0.88	0 0.1 0.7 22.0 39 70 5.1 52 1.4 1.5 83 0.07 0.66 0.88	1 90 0.1 0.7 22.0 39 70 5.1 52 1.4 1.5 83 0.07 0.66 0.8 ⁵	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) -0.2 61 90 0.1 0.7 22.0 39 70 5.1 52 1.4 1.5 83 0.07 0.66 0.85
33 58 3.1 67 1.3 1.4 67 0.04 0.49 0.7	23.2 33 58 3.1 67 1.3 1.4 67 0.04 0.49 0.7	1 1.1 23.2 33 58 3.1 67 1.3 1.4 67 0.04 0.49 0.7	0 0.1 1.1 23.2 33 58 3.1 67 1.3 1.4 67 0.04 0.49 0.7	1 80 0.1 1.1 23.2 33 58 3.1 67 1.3 1.4 67 0.04 0.49 0.7	3 51 80 0.1 1.1 23.2 33 58 3.1 67 1.3 1.4 67 0.04 0.49 0.7	-1.3 51 80 0.1 1.1 23.2 33 58 3.1 67 1.3 1.4 67 0.04 0.49 0.7
29 54 3.2 59 1.3 1.3 54 0.07 0.24 0	21.8 29 54 3.2 59 1.3 1.3 54 0.07 0.24 0	2 1.3 21.8 29 54 3.2 59 1.3 1.3 54 0.07 0.24 0	3 0.2 1.3 21.8 29 54 3.2 59 1.3 1.3 54 0.07 0.24 0	9 83 0.2 1.3 21.8 29 54 3.2 59 1.3 1.3 54 0.07 0.24 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	-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
31 57 2.4 93 1.3 1.4 71 0.03 0.55 0	22.8 31 57 2.4 93 1.3 1.4 71 0.03 0.55 0	1 1.0 22.8 31 57 2.4 93 1.3 1.4 71 0.03 0.55 0	9 -0.1 1.0 22.8 31 57 2.4 93 1.3 1.4 71 0.03 0.55 0	1 79 -0.1 1.0 22.8 31 57 2.4 93 1.3 1.4 71 0.03 0.55 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	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
29 64 0.8 97 1.2 1.1 90 0.03 1.01	16.6 29 64 0.8 97 1.2 1.1 90 0.03 1.01	3 1.2 16.6 29 64 0.8 97 1.2 1.1 90 0.03 1.01	1 0.3 1.2 16.6 29 64 0.8 97 1.2 1.1 90 0.03 1.01	0 111 0.3 1.2 16.6 29 64 0.8 97 1.2 1.1 90 0.03 1.01	8 70 111 0.3 1.2 16.6 29 64 0.8 97 1.2 1.1 90 0.03 1.01	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
31 63 -0.4 80 1.3 1.4 70 0.04 0.6	20.3 31 63 -0.4 80 1.3 1.4 70 0.04 0.6	1 1.3 20.3 31 63 -0.4 80 1.3 1.4 70 0.04 0.6 ⁴	8 0.1 1.3 20.3 31 63 -0.4 80 1.3 1.4 70 0.04 0.6	3 98 0.1 1.3 20.3 31 63 -0.4 80 1.3 1.4 70 0.04 0.6	4 63 98 0.1 1.3 20.3 31 63 -0.4 80 1.3 1.4 70 0.04 0.6 ⁴	2.4 63 98 0.1 1.3 20.3 31 63 -0.4 80 1.3 1.4 70 0.04 0.6
27 63 -2.9 103 1.2 1.3 93 0.04 0.9	21.0 27 63 -2.9 103 1.2 1.3 93 0.04 0.9	2 1.2 21.0 27 63 -2.9 103 1.2 1.3 93 0.04 0.9	77 0.2 1.2 21.0 27 63 -2.9 103 1.2 1.3 93 0.04 0.9	1 107 0.2 1.2 21.0 27 63 -2.9 103 1.2 1.3 93 0.04 0.9	9 71 107 0.2 1.2 21.0 27 63 -2.9 103 1.2 1.3 93 0.04 0.9	4.9 71 107 0.2 1.2 21.0 27 63 -2.9 103 1.2 1.3 93 0.04 0.5
24 52 1.3 88 1.4 1.5 67 0.09 0.	20.9 24 52 1.3 88 1.4 1.5 67 0.09 0.	1 1.2 20.9 24 52 1.3 88 1.4 1.5 67 0.09 0.	1 -0.1 1.2 20.9 24 52 1.3 88 1.4 1.5 67 0.09 0.	7 81 -0.1 1.2 20.9 24 52 1.3 88 1.4 1.5 67 0.09 0.	9 57 81 -0.1 1.2 20.9 24 52 1.3 88 1.4 1.5 67 0.09 0.	1.9 57 81 -0.1 1.2 20.9 24 52 1.3 88 1.4 1.5 67 0.09 0.
22 46 1.4 46 1.1 1.2 74 0.10 0	20.0 22 46 1.4 46 1.1 1.2 74 0.10 0	3 1.4 20.0 22 46 1.4 46 1.1 1.2 74 0.10 0	4 0.3 1.4 20.0 22 46 1.4 46 1.1 1.2 74 0.10 0	7 74 0.3 1.4 20.0 22 46 1.4 46 1.1 1.2 74 0.10 0	7 47 74 0.3 1.4 20.0 22 46 1.4 46 1.1 1.2 74 0.10 0	-0.7 47 74 0.3 1.4 20.0 22 46 1.4 46 1.1 1.2 74 0.10 0
31 62 2.5 50 1.6 1.7 73 0.10 0	28.4 31 62 2.5 50 1.6 1.7 73 0.10 0	1 1.4 28.4 31 62 2.5 50 1.6 1.7 73 0.10 0	7 0.0 1.4 28.4 31 62 2.5 50 1.6 1.7 73 0.10 0	3 97 0.0 1.4 28.4 31 62 2.5 50 1.6 1.7 73 0.10 0	8 63 97 0.0 1.4 28.4 31 62 2.5 50 1.6 1.7 73 0.10 0	0.8 63 97 0.0 1.4 28.4 31 62 2.5 50 1.6 1.7 73 0.10 0
15 43 0.3 53 1.6 1.7 61 0.02 0	21.8 15 43 0.3 53 1.6 1.7 61 0.02 0	0.6 21.8 15 43 0.3 53 1.6 1.7 61 0.02 0	7 0.0 0.6 21.8 15 43 0.3 53 1.6 1.7 61 0.02 0	7 77 0.0 0.6 21.8 15 43 0.3 53 1.6 1.7 61 0.02 0	6 57 77 0.0 0.6 21.8 15 43 0.3 53 1.6 1.7 61 0.02 0	1.6 57 77 0.0 0.6 21.8 15 43 0.3 53 1.6 1.7 61 0.02 0
29 55 4.2 67 1.4 1.4 68 0.04 0	21.5 29 55 4.2 67 1.4 1.4 68 0.04 0	1 1.2 21.5 29 55 4.2 67 1.4 1.4 68 0.04 0	4 0.1 1.2 21.5 29 55 4.2 67 1.4 1.4 68 0.04 0	3 84 0.1 1.2 21.5 29 55 4.2 67 1.4 1.4 68 0.04 0	7 53 84 0.1 1.2 21.5 29 55 4.2 67 1.4 1.4 68 0.04 0	0.7 53 84 0.1 1.2 21.5 29 55 4.2 67 1.4 1.4 68 0.04 0
26 54 1.9 88 1.3 1.3 70 0.02 0.	16.6 26 54 1.9 88 1.3 1.3 70 0.02 0.	2 1.0 16.6 26 54 1.9 88 1.3 1.3 70 0.02 0.	9 0.2 1.0 16.6 26 54 1.9 88 1.3 1.3 70 0.02 0.	5 89 0.2 1.0 16.6 26 54 1.9 88 1.3 1.3 70 0.02 0.	7 55 89 0.2 1.0 16.6 26 54 1.9 88 1.3 1.3 70 0.02 0.	2.7 55 89 0.2 1.0 16.6 26 54 1.9 88 1.3 1.3 70 0.02 0.

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nod i	anim
ne	an

RFI

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

The difference between an animal's actual weight gain and the predicted gain RG

based on intake and body weight.

Higher is more desirable.

Lower 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

ADJ F/G

Pounds of feed required for or live weight gain adjusted for a body weight.

Lower is more desirable.

260E	OR E158 RE	ESOLVE 26	60E											
8	4451	4225	Homo	ozygou	s Poll	ed		5/23/2	2022					Ratio
													BW	108%
	EFBEEF RE	SOLUTE C	EO (PI	EFC60	9) P43	35918	329						WW	113%
Sire El	FBEEF C609	RESOLUT	E E158	BET (P	PEFE1	58) P	43847	7198					YW	105%
	EFBEEF P6	06 MABEL	R415 (PEFR4	415) F	4263	5108					:	Scrotal	35.5
						_								
	ILR RED PC	WER 456E	3 (456B) P434	9943	5							Feed E	Ifficiency
Dam C	OR 456B GIR		916R (9	916) P4	44195	341	•						ADG	3.53
	OR 3575 MI	SS ADVAN	CE N7	26 (726	6) 439	6811	8						RFI	-1.94
E IA C		004										FE		\$8.04
5/16	0/2023 VVI	994											BIMI	
			80	SCE					וחחוו	тглт		гт	\$514 DEA	\$1/8 MADD
CED 5.0			1 4	30F	1VIN 20	IVIQG		59	1 50	1 60	Q1			
5.0	1.0 00	09 0.3	1.4	24.5	20	59	4.5	50	1.50	1.00	01	0.00	0.79	0.04
N255	OR 3575 AD	VANCE N2	255											
11200	4451	5189	Scurr	ed				5/20/2	2022					Ratio
			ooun	- u				0/_0/-					BW	114%
	HH ADVANO	CE 1045L (*	1045) 4	21513	69								WW	113%
Sire D	S 1045 ADVA	NCF 3575	N (357	5) 4239	94633								YW	104%
	DS 6805 MS	5 TROY 860)5 (860	5) 410	46851								Scrotal	37.0
				.,										•••••
	SCHU-LAR	CONVERS	ION 50	1 ET (501) F	v 4362	4399						Feed E	fficiency
Dam C	DR 501 MISS	COMPETI	TOR C	901 (9 [`] ()) P4	4195	213						ADG	3.22
	OR 3027 MI	SS DOMIN	O 115F	R (115)	4326	6037							RFI	-0.47
				· · ·								FE	Index	-\$2.24
5/16	6/2023 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 ASS	SET 251A									MDP	DBP		
	4451	4141	Polle	b				5/18/2	2022					Ratio
				/									BW	88%
• •	NJW 98S R ²	117 RIBEY	= 88X E	ET (988	588X)	4309	4146						WW	102%
Sire So	CHU-LAR AS	SET 36F (3	36F) P4	139108	30		_						YW	101%
	SCHU-LAR	9Z VIVIAN	001 22	S (9Z)	P432	71542	2					:	Scrotal	40.0
			1071 40	40000	~									G : -:
		103027(30)	JZ1) 42	42638	0 4000/	24.4								
Dam C			025K ((825) 4	40080									3.19
	UK 3301 MI	33 NUSKE	IT F02	2 (022)	4300	0100						CC		-2.03 \$10.60
														01909

																	φ19.09
	5/16	/2023	WT	985												BMI	CHB
																\$450	\$161
С	ED	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	2 Red 4451	l Angu 15214	is 1/2 ⊢	lerefoi Scurr	rd T299 ed	9			5/30/2	2022					Ratio
															BW	92%
<u>.</u>	5L DE	FEND	DER 5	60-30Z	15499	331P		_							WW	120%
Sire S	CHULE	ERTO		ND D9	11355	530181	POS	F							YW	116%
	SORE	BRAS	KAEN	NDRAN	ICE B	525169	97015	o1P						:	Scrotal	37.5
	EFBE	EF X6	651 TE	STED	A250	(PEFA	250)	P4344	40096						Feed E	Efficiency
Dam C	JR A25		S IES	SIED)18F (018) P	44304	4688							ADG	4.24
	OR N1	162 IV	IISS H	USKE	K L816	5 (816)	4406	8620						гг	RFI Index	-1.88
5/16	3/2023	wт	1053											FE	BMI	\$19.47 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	2 Red 4451 FENI	l Angu 15199 DER 50	is 1/2 ⊢ 60-30Z	lerefor Pollec	rd 296 d 0331P				5/29/2	2022				BW WW	Ratio 99% 113%
Sire S	SCHULF	ER DI	EFENI	DER 56	607C3	48978	71P								YW	116%
	SOR k		' REBI	EL 390	2A161	35271	P							:	Scrotal	37.0
	-				-											
_	GENO	AS B	ONAN	NZA 11	051 (1	1051)	P431	74342	2						Feed E	Efficiency
Dam C		SBO	NANZ	A 409E	3 (409) 4363	5831	~~~~							ADG	4.05
		55 P	RUGF	KE22 I	13P (113) P	43200	0038						СС	RFI Indov	0.55 ¢5 59
5/16	6/2023	wт	1133												BMI	- <u></u>
• • • •																
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 Z1	15 G 4451	ENER 13901	ATOR	276Z Scurr	ed				5/29/2	2022					Ratio
						IVE4 (VEAN	D 4 0 0 0							BW	110%
Sire S			EII K :4 744			1 X51 (X51)	P4308	51550							11/%
Sile S				5 (ZTT) 220 X1	0) P43 70 (V1	000/2000 72\D4	03 12079	102							Y VV Scrotal	20.0
	ЭПГ Г	UKE		20 7 1	12 (^ 1	72) F4	13070	192						•	Scrutar	39.0
	UPS D	OMI	NO 30	27 (302	27) 42	42638	6								Feed E	Efficiency
Dam C)R 302	7 MIS	S DO	MINO 2	205R (205) 4	3374	249							ADG	3.54
	DS 90	59 M	S BEE	F 708	(708) 4	428770	038								RFI	0.45
														FE	Index	-\$11.06
5/16	5/2023	WT	1050												BMI	CHB
		10/10/			80	SOF	MIZ	MOO				┯┍╻┯	CW		\$527	\$138
		51			12	30F	1VIN 27				1 40	1 EA I	66			
9.1	∠.∣	54	90	0.3	1.3	21.3	21	-04	9.1	13	1.40	1.50	00	-0.00	0.70	0.20

279V	OR B413 \	/ALIDA	ATED 2	79V									DBP		
	445	517016		Scurr	ed				5/29/2	2022					Ratio
														BW	101%
	EFBEEF T	FL U2	08 TES	TED >	(651 E	T (PE	FX65	1) P43	30917	36				WW	100%
Sire EF	BEEF BR	VALID	ATED E	3413 (PEFB4	413) F	P4355	8667						YW	104%
	EFBEEF 4	R THY	'RA Y86	65 (PE	FY865	5) P43	31875 ⁻	17						Scrotal	39.0
				•		•									
	OR N162 I	HUSKE	ER L574	4 (574) 4374:	5946								Feed E	Efficiency
Dam O	R L574 GI	NGER	B906 (9	906) F	44195	246								ADG	3.41
	OR Z18 M	ISS FA	MOUS	508F	(508) I	P4374	49563							RFI	6.81
													FE	<u>E</u> 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	MPRO	VER G	262								MDP			
	445	515230		Polled	b				5/24/2	2022					Ratio
														BW	94%
	EFBEEF E	R VAL	IDATE	D B41	3 (PEF	B413	3) P43	55866	67					WW	114%
Sire SH	HF GOLDS	MITH E	3413 G	095 (0	3095) F	P4400	5220							YW	106%
	SHF MAG	GIE Y9	0 B66 ((B66)	P4347	7571								Scrotal	36.0
	SHF ZANE	E X51 Z	Z115 (Z	115) F	P43276	663								Feed E	Efficiency
Dam O	R Z115 MI	SS GE	NERAT	OR 0	32Z (0	32) P	44308	8117						ADG	3.76
	OR 3575 N	/ISS A	DVANC	CE N7	26 (726	6) 439	96811	8						RFI	1.81
													FE	<u>E Index</u>	-\$7.94
5/16	5/2023 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 J	252												
	445	514282		Scurr	ed				5/15/2	2022					Ratio
														BW	86%
	00014001														000/

															BW	86%
	OR N	162 H	USKE	R L574	(574)) 43745	5946								WW	83%
Sire Ol	R L574	1 PIOI	NEER	B990 (990) F	P44195	5289								YW	86%
	OR A	250 M	IISS T	ESTED	737F	(737)	P439	68117	,					5	Scrotal	34.0
	CSU RAM DOMINATOR 4203 (4203) 42531422														Feed E	fficiency
Dam C	am OR RAM DOMET H319 (319) 43472950														ADG	3.33
	OR 35	575 M	ISS H	USKEF	R N119	9 ET (1	19) 4	32685	576						RFI	-2.17
														FE	Index	\$13.37
5/16	6/2023	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	R	Ratio
			BW	91%
OR N162 HUSKER L57	74 (574) 43745946		WW	111%
Sire OR L574 PIONEER B990	(990) P44195289		YW	97%
OR A250 MISS TESTE	D 737F (737) P43968117		Scrotal	33.0
SCHU-LAR ASSET 36F	F (36F) P43910830		Feed Ef	ficiency

Dam C)r 36f	MISS	s adv	ANTAC	GE 039	9A (039	9) P44	43081	41						ADG	3.06
	OR N	151 N	1ISS H	IUSKE	R S42	8 (428)	4363	35776							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 G	095 IN	MPRO	VER G	267								MDP			
		445 ⁻	14294		Horne	ed				5/25/2	2022					Ratio
															BW	92%
	EFBE	EF BI	R VAL	IDATEI	D B41	3 (PEF	B413	8) P43	55866	7					WW	99%
Sire Sł	HF GO	LDSN	/ITH E	8413 G	095 (0	6095) F	P4400	5220							YW	99%
	SHF N	MAGO	SIE Y9	0 B66 ((B66)	P4347	7571							3	Scrotal	35.0
	OR 3575 ADVANCE N359 (359) 43473003														Feed E	fficiency
Dam C	R N35	59 MA	RYAN	N J834	l (834)) 44068	3490								ADG	3.37
	OR M	ISS B	ONAN	IZA 30	5B (30)5) P43	84729	96							RFI	-0.16
														FE	Index	-\$4.41
5/16	6/2023	WΤ	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 G	095 IN	MPRO	VER G	265								MDP			
	-	445 ⁻	14243		Polled	b				5/25/2	2022					Ratio
															BW	96%
	EFBE	EF BI	R VAL	IDATE	D B41	3 (PEF	B413	8) P43	55866	67					WW	96%
Sire SI	HF GO	LDSN	/ITH E	3413 G	095 (0	3095) F	P4400)5220							YW	99%
SHF MAGGIE Y90 B66 (B66) P43477571													5	Scrotal	33.0	
KCF BENNETT ADDITION B262 ET (B262) P43500553															Feed E	Efficiency
Dam C	OR B26	62 MIS	SS AD	DITION	1 611X	(611)	P438	360136	6						ADG	3.76
	OR 35	575 M	ISS H	USKEF	R N120	0 ET (1	20) 4	32685	577						RFI	-0.96
														FE	Index	\$7.72
5/16	6/2023	WΤ	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 II	MPRO	VER G	291							MDP				
_	445	15228		Polled	b				6/20/2	2022					Ratio
														BW	93%
	EFBEEF B	R VAL	IDATE) B41	3 (PEF	B413	3) P43	55866	7					WW	
Sire SI	HF GOLDSN	VITH E	3413 G	095 (C	6095) F	P4400)5220							YW	100%
	SHF MAGO	JE Y9	0 B66 (B66)	P4347	7571								Scrotal	33.0
	SCHU-LAR	: ASSE	ET 36F	(36F)	P4391	0830								Feed E	Efficiency
Dam C	R 36F MIS	S ADV	ANTAG	E 028	3A (028	3) 443	30811	5						ADG	3.30
	OR N359 M	/ARYA	NN J7	36 ET	(736)	4396	8228							RFI	0.39
													FE	<u>Index</u>	-\$1.11
5/16	5/2023 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 II	MPRO	VER G	292								MDP			
	445	15223		Pollec	b				6/27/2	2022					Ratio
														BW	97%
	EFBEEF B	R VAL	IDATE) B41	3 (PEF	B413	3) P43	55866	7					WW	
Sire Sł	HF GOLDSM	VITH E	3413 G	095 (0	6095) F	P4400)5220							YW	95%
	SHF MAGO	JE Y9	0 B66 (B66)	P4347	7571								Scrotal	33.0
	EFBEEF C	609 RI	ESOLU	TE E1	158 ET	(PEF	E158) P438	347198	3				Feed B	Efficiency
Dam C)R E158 MIS	SS RE	SOLVE	D 013	3E (013	3) P44	43081	10						ADG	3.14
	OR A250 M	ISS T	ESTED	9619F	(619)	P438	860067	7						RFI	-0.07
													FE	<u>Index</u>	\$4.60
E 14 C	VOODO WIT	745													

5/16	6/2023	WΤ	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 G	095 IN	MPRO	VER G	277								MDP			
	-	445´	14100		Polled	b				5/29/2	2022					Ratio
															BW	105%
	EFBE	EF BF	R VAL	IDATEI	D B41	3 (PEF	B413	3) P43	55866	67					WW	89%
Sire Sł	HF GO	LDSN	ЛТН Е	3413 G	095 (0	3095) F	P4400	05220							YW	95%
	SHF N	MAGG	GIE Y9	0 B66 (B66)	P4347	7571							:	Scrotal	37.0
	SHF PROGRESS P20 (P20) P42481042														Feed E	Efficiency
Dam C	OR MIS	S PR	OGRE	ESS 52	1K (52	21) 437	4704	8							ADG	3.73
	OR 35	575 M	ISS A	DVANC	EN3	20 (32)	0) 434	47295	3						RFI	-1.44
														FE	E Index	\$13.12
5/16	6/2023	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 II	MPRO	VER B	294								MDP			
	445	13983		Horne	ed				7/1/20)22					Ratio
														BW	
	EFBEEF BI	R VAL	IDATEI	D B41	3 (PEF	B413	3) P43	55866	57					WW	
Sire S			3413 G	095 (6	3095) F	24400	5220		•					YW	
			0 B66 /	(B66)	D/3/7	7571	0220							Scrotal	33.0
			0 000 ((000)	-4347	1311							•	Julia	55.0
			174 44	054 (4	4054)	D 404	74040	`							
	GENUAS E				1051)	P431	/434z	2						Feed	Emiciency
Dam C	DR MISS BC	NANZ	A 309E	3 (309)) P434	/2986	0							ADG	3.60
	OR MISS F	ROGF	RESS 1	21P (121) 4:	32660)33							RFI	-1.17
													FE	Index	\$14.29
5/16	6/2023 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		TDAT		(281											
11201		1/0/7		VZ01 Uorna	d				5/21/2	າ∪າງ					Patia
	440	14247		TIOTTE	u				5/51/2	2022					
							200								102%
<u> </u>	DS 1045 AI	DVAN	CE 357	5N (3	575) 42	23946	533							VVVV	98%
Sire O	R 3575 ADV	ANCE	N753	(753)	43968	107								ΥW	95%
	OR 3027 M	IISS D	OMINC	006F	R (006)	4317	3323							Scrotal	35.0
	OR N151 H	IUSKE	R S36	1 (361) 4347	2959								Feed E	Efficiency
Dam C	DR S361 MIS	SS HU	SKER	F621 (621) 4	3860	115							ADG	3.26
	OR RAM D	OMET	H405	(405)	436358	832								RFI	-0.63
	-	-		()									FF	- Index	-\$1 39
5/16	3/2023 WT	913												BMI	CHB
0/10		010												\$484	\$166
CED	B/V/ /V//V/			90	SCE	MK	M&C	CEM		חחוו	TEAT	CW/	ET		MAR
		70		10	201	21	57		02	1 20		71			
Ι.Ζ	0.5 51	19	-0.1	1.0	22.0	51	57	2.4	93	1.50	1.40	11	0.03	0.55	0.54
D268	OR C981 D	ALTO	N D268	3											
	445	14332		Horne	ed				5/25/2	2022					Ratio
														BW	118%
	SCHU-LAR	CON	VERSI	ON 50	1 ET (501) F	P4362	4399						WW	114%
Sire O	R 501 COM	PETIT	OR C9	81 (98	31) P44	, 1953	49							YW	112%
	OR N151 M	ISS H	USKE	R S40	2(402)	4363	35806						9	Scrotal	34.5
	0		00.1		_ (,	,								borotar	00
	OP 3575 H				164) 43	26/75	18							Food F	Efficiency
Dam				+ L I (4 - TOO	-04)40 	1400	0104								
Dam C) (OUO)	4400	0491	70004							4.15
	OR 0332 M	IISS B	EEF E	AIER	3061 (306)	P434	/2964						KFI	1.46
													FE	: Index	-\$5.85
5/16	6/2023 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	DALTO	N D210)1											
	44	515238		Horne	ed				5/21/2	2022					Ratio
														BW	108%
	SCHU-LA	R CON	VERSI	ON 50	1 ET (501) F	P4362	4399						WW	105%
Sire O	R 501 CON	NPETIT	OR C9	81 (98	81) P44	1953	49							YW	105%
	OR N151	MISS F	IUSKEI	R S40	2 (402)) 4363	35806						;	Scrotal	34.0
	OR 3575 I	HUSKE	R N464	1 ET (4	464) 43	36475	548							Feed E	Efficiency
Dam (DR N464 M	ISS AD	VANCE	E T746	6 (746)	4396	8113							ADG	3.95
	OR W485	MISS F	PRO 11	4A (1	14) P4	32682	272							RFI	-1.20
- 14													FE	Index	\$10.24
5/16	6/2023 WI	1023												BMI	CHB
				00	005	MALZ	1400				TC A T	014/		\$440	\$155
	BW WW				SCF		IVI&G				1 4 0			REA	
0.0	2.4 03	98	0.1	1.3	20.3	31	03	-0.4	80	1.30	1.40	70	0.04	0.64	0.47
2100E	OR E158 44	RESOL 517028	.VE 210)0E Scurr	ed				5/25/2	2022					Ratio
														BW	115%
	EFBEEF F	RESOL	UTE CE	EO (Pl	EFC60	9) P4	35918	329						WW	104%
Sire E	FBEEF C6	09 RES	OLUTE	E E 158	BET (F	PEFE1	158) P	43847	198					YW	104%
	FFRFFF F	-606 M	ABEL F	(415	PEFR4	415) F	4263	5108						Scrotal	32.0
	OR 3575 I	HUSKE	R N464	1 ET (4	464) 43	36475	548							Feed E	Efficiency
Dam (OR N464 M	ISS AD	VANCE	E T73) (739)	4396	8207							ADG	3.68
	OR N151	MISS F	IUSKEF	R S31	5 (315)) P434	47297	9						RFI	0.78
													FE	Index	-\$7.32
5/16	6/2023 WT	1002												BMI	CHB
													<u> </u>	\$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	RESOL	VE 275	δE									DBP		
	44	517025		Scurr	ed				5/27/2	2022					Ratio
														BW	106%
	EFBEEF F	RESOL	UTE CE	EO (PI	EFC60	9) P4	35918	329						WW	79%
Sire E	FBEEF C6	09 RES	OLUTE	E E 158	3 ET (F	PEFE1	158) P	43847	7198					YW	86%
	EFBEEF F	P606 M	ABEL F	R415 (PEFR4	415) F	P4263	5108						Scrotal	35.0
	OR 3575 I	HUSKE	R N162	2 ET ([,]	162) 43	32685	578							Feed E	Efficiency
Dam (DR N162 M	ISS HU	JSKER	L522 ((522) F	24374	5919							ADG	3.55
	OR MISS	FOUND	DATION	1 208F	(208)	P433	73886	5						RFI	-1.11
	-				()								FE	E Index	\$12.63
5/10	6/2023 WT	833												BMI	CHB
														\$442	\$149
CED	BW WW	V 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 E	158 R 4451	ESOL 4091	VE 257	'E Scurr	ed				5/22/2	2022				BW	Ratio
	EFBE	EF RE	ESOLI	JTE CE	EO (PI	EFC60	9) P4	35918	329						WW	97%
Sire E	FBEEF	C609	RES	OLUTE	E E 158	BET (P	PEFE'	158) P	4384	7198					YW	98%
	EFBE	EF P6	606 M/	ABEL F	R415 (PEFR4	415) F	-4263	5108						Scrotal	34.0
Dam C	geno Dr Mis Or M	DAS B S BO ISS P	onan Nanz Rogf	IZA 110 A 517E RESS 1	051 (1 3 (517 13P (1051)) 4374 ⁻ 113) P	P431 7036 43260	74342 6038	2					F	Feed E ADG RFI	Efficiency 3.06 1.79
5/16	5/2023	WТ	966											1	BMI	-923.19 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 50	01 CO	MPET	TTOR (C289											
		4451	4979		Scurr	ed				6/19/2	2022					Ratio
															BW	113%
<u>.</u>	KCF E	BENN		IFLUE	NCE Z	280 (Z8	30) P4	43282	587						WW	97%
Sire S	CHU-L			RSION	501 E	=1(50)	1) P43	36243	99						YW	103%
	SCHU	J-LAR	10X (JF 220	N093	5 (10X)	P430	J8401	0						Scrotal	34.0
	OR N	151 H	USKE	R S36 ⁻	1 (361) 4347	2959								Feed E	Efficiencv
Dam C	DR S36	51 MIS	S HU	SKER	F514 (, (514) 4	3745	927							ADG	3.20
	OR M	ISS B	ONAN	IZA 309	9B (30) 9) P43	34729	986							RFI	1.17
						-								F	E Index	-\$15.99
5/16	6/2023	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			MPET		2272								мпр	DRP		
0212		4451	4248		Scurr	ed				5/27/2	2022			וטט		Ratio
															BW	110%
	KCF E	BENN		IFLUE	NCE Z	Z80 (Z8	30) P4	43282	587						WW	104%
Sire S	CHU-L	AR C	ONVE	RSION	501 E	ET (50 ⁻	1) P4	36243	99						YW	102%
	SCHU	J-LAR	10X ()F 22U	N093	5 (1ÒX)	P430	08401	0						Scrotal	35.0
		454			1 /004	1047	0050								F F	

OR NIST HUSKER 3301 (301) 43472939														reeu c	inciency	
Dam C	Dam OR S361 MISS HUSKER F622 (622) 43860100														ADG	3.42
OR Y90 SANDY 421S (421) P43635820															RFI	-0.87
														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

<u>Mandibulofacial Dysostosis</u> (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.



Herefords are known as the efficiency experts for a reason. Herefords boost pregnancy rates by 7% and add \$30 per head in feedyard profitability in a crossbreeding system.

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