OLSEN RANCHES, INC.

Art Olsen
Douglas Olsen

2322 Rd 14
Harrisburg, NE 69345

308-641-1273 (Douglas cell)

308-631-3104 (Art cell)

artolsen@daltontel.net

www.olsenranches.com

SALE DATE

Saturday, January 26, 2019

12:30 PM MST

Olsen Ranches, Inc.
Annual Bull Sale
January 26, 2019
Sale - 12:30 pm
Lunch Available
Harrisburg, Nebraska

Welcome to Olsen Ranches! We invite you to look over our program and evaluate how we may be able to assist your livestock needs. We have worked to develop a set of functional cows and to make breeding decisions using as many tools possible such as EPDs, feed intake measurements, breed indices, and DNA enhancements to take the risk out of the cattle we select and ultimately market. With the current tight margins, we understand the importance of each decision you make for your operation. As the nation's cow herd expands and feeder calf supplies become greater, we will see the marketplace reward cattle that have identifiable genetic value. Whether you retain ownership or sell calves at weaning, the genetics you use to produce your replacements and your calves will have a large impact on your operation. We would encourage you to evaluate our bulls and consider how they would fit your operation in the years ahead.

We take pride in our commercial cow herd and the demand we have for our harvest ready cattle. Our last set of steers graded 98% choice or better; the steers out of our commercial cows routinely grade 90-97% choice or prime. We are focused on maternal cows that will produce calves that are desirable for the market place and the consumer of the beef they produce. We believe these bulls have the ability to fit in a straight breeding program to increase calf value or crossbreeding program to gain heterosis and complement the industry's cow herd. These bulls have the ability to add profitability through heterosis and maintain carcass premiums in a crossbreeding system. The value of heterosis is exhibited through increased weight over purebreds and manifested through the baldy female with increased conception rates and longevity. These bulls were feed efficiency tested from March 20, 2018, to May 30, 2018. We are able to measure very accurate feed intake on individual animals through our GrowSafe system.

As we have developed our registered Hereford cattle, we have chosen sires that have already proven themselves in our commercial herd. We are excited to offer you these bulls with outstanding carcass EPDs and proven maternal traits well suited to our high plains environment.

At our sale, the bulls will sell in catalog order. The bulls will have a base price. If more than one person is interested in a particular bull, the price of that bull will be raised in $100 increments.

We would enjoy the opportunity to visit with you about our program or answer any questions you may have. 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 believe there is value in these bulls for the producer who retains ownership through the feedyard or who sells weaned calves.

If you cannot attend the sale on the 26th, please contact us and we will accommodate you. More pictures will be on our website - www.olsenranches.com. Thank you for letting us show you how our bulls could work for you.

Art and Douglas Olsen
(308) 641-1273 (Douglas)
(308) 631-3104 (Art)

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 2017 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	8.2	1.4	51	85	0.2	1.3	15.7	24	49	5.0	71	1.4	1.4	65	0.04	0.43	0.42	352	103
Breed Avg. EPD	1.9	3.1	52	83	0.1	0.9	14.4	24	49	2.0	88	1.2	1.2	65	0.01	0.38	0.11	319	101

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 or the preface of the AHA sire summary under "Records/TPR". 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 20 – May 30, 2018

ADG	The average daily gain of the individual during the 70 day feed efficiency test
5/30 WT	The actual weight at the end of the feed efficiency test
Scrotal	Actual scrotal measurement
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. Progeny of these cows are directed towards a commodity beef market since Certified Hereford Beef© does not accept Brahman influenced cattle. 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 in finishing non-replacement females and castrated males. Marbling and Rib-eye Area are also positively weighted to keep harvested progeny successful for a variety of commodity based programs. 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.

765G OR 0042X SENTINEL 765G

Horned 43968155

UPS DOMINO 3027 {SOD,DLF,HYF,IEF} (42426386)
Sire: K&B SENTINEL 0042X {CHB,DLF,HYF,IEF} (P43110745)
K&B RED LADY 8045U {DLF,HYF,IEF} (P42904676)

SHF PROGRESS P20 {SOD,DLF,HYF,IEF} (P42481042)
Dam: OR MISS PROGRESS 521K (43747048)
OR 3575 MISS ADVANCE N320 (43472953)

5/30/2018 WT 1055

Ratio	
BW	109%
WW	118%
YW	117%
Cont	30
Scrotal	40
1/10/19 Wt	1430
Feed Efficiency	
ADG	5.55
RFI	1.07
FE Index	$6.18

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
3.3	2.3	58	99	0.4	1.3	17.5	24	53	0.7	88	1.40	1.40	63	0.02	0.49	0.29	$370	$100

N753 OR 3575 ADVANCE N753

Horned 43968107

HH ADVANCE 1045L {CHB,DLF,IEF} (42151369)
Sire: DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)
DS 6805 MS TROY 8605 {DLF,HYF,IEF} (41046851)

UPS DOMINO 3027 {SOD,DLF,HYF,IEF} (42426386)
Dam: OR 3027 MISS DOMINO 006R {DOD} (43173323)
DS 9059 MS BEEF 815 (42969991)

5/30/2018 WT 982

Ratio	
BW	108%
WW	101%
YW	98%
Cont	30
Scrotal	38
1/10/19 Wt	1345
Feed Efficiency	
ADG	5.05
RFI	-2.05
FE Index	$18.51

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
7.2	2.4	47	75	0.1	1.2	15.7	23	46	3.6	72	1.20	1.40	74	0.05	0.70	0.55	$374	$116

755G OR 0042X SENTINEL 755G

Horned 43968174

UPS DOMINO 3027 {SOD,DLF,HYF,IEF} (42426386)
Sire: K&B SENTINEL 0042X {CHB,DLF,HYF,IEF} (P43110745)
K&B RED LADY 8045U {DLF,HYF,IEF} (P42904676)

CSU RAM DOMINATOR 4203 {SOD,DLF,HYF,IEF} (42531422)
Dam: OR RAM DOMET H426 (43635790)
OR 9059 MISS BEEF J212 (43373887)

5/30/2018 WT 938

Ratio	
BW	106%
WW	89%
YW	98%
Cont	30
Scrotal	37
1/10/19 Wt	1365
Feed Efficiency	
ADG	5.37
RFI	-1.56
FE Index	$28.88

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
3.7	3.1	44	80	-0.3	1.3	14.9	24	45	2.0	71	1.40	1.40	52	0.00	0.44	0.19	$332	$103

763F OR A250 FORTUNE 763F

Polled 43968109

EFBEEF TFL U208 TESTED X651 ET {DLF,HYF,IEF} (P43091736)
Sire: EFBEEF X651 TESTED A250 {DLF,HYF,IEF} (P43440096)
EFBEEF 6378 KATE W484 {DLF,HYF,IEF} (P43032139)

CK MR HARLAND L008 {CHB,DLF,HYF,IEF} (43016347)
Dam: OR L008 MISS HARLAND 106Z (43274128)
OR 9059 MISS BEEF J911 (43068241)

5/30/2018 WT 1055

Ratio	
BW	101%
WW	114%
YW	108%
Cont	30
Scrotal	36
1/10/19 Wt	1475
Feed Efficiency	
ADG	4.82
RFI	-0.51
FE Index	-$6.32

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
9.4	1.5	59	93	0.3	1.4	17.8	26	56	6.8	79	1.30	1.30	71	0.07	0.29	0.45	$387	$107

759F OR A250 FORTUNE 759F

Polled 43968125

EFBEEF TFL U208 TESTED X651 ET {DLF,HYF,IEF} (P43091736)

Sire: EFBEEF X651 TESTED A250 {DLF,HYF,IEF} (P43440096)

EFBEEF 6378 KATE W484 {DLF,HYF,IEF} (P43032139)

EFBEEF M821 BEEF EATER U332 {DLF,HYF,IEF} (P42896725)

Dam: OR U332 MISS BEEF EATER 215T (P43373905)

OR 5216 MISS DOMINO R011 (43173337)

5/30/2018 WT 936

Ratio	
BW	106%
WW	95%
YW	97%
Cont	30
Scrotal	38
1/10/19 Wt	1300
Feed Efficiency	
ADG	4.50
RFI	-1.71
FE Index	$2.79

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
6.5	1.9	58	89	0.2	1.5	15.9	21	50	5.7	72	1.30	1.20	62	0.05	0.23	0.34	$342	$94

767B OR BONANZA 767B

Scurred 43968152

EFBEEF SCHU-LAR PROFICIENT N093 {SOD,DLF,HYF,IEF} (P42444860)

Sire: GENOAS BONANZA 11051 {DLF,HYF,IEF} (P43174342)

HYALITE 22S LASS 876 {DLF,HYF,IEF} (P42893850)

K&B SENTINEL 0042X {CHB,DLF,HYF,IEF} (P43110745)

Dam: OR 0042X MISS SENTINEL 513G (P43747037)

OR W485 MISS PRO 114A (P43268272)

5/30/2018 WT 1040

Ratio	
BW	108%
WW	107%
YW	115%
Cont	30
Scrotal	40
1/10/19 Wt	1440
Feed Efficiency	
ADG	5.59
RFI	-1.20
FE Index	$23.47

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
5.8	1.9	58	106	0.6	1.6	18.7	31	60	4.9	61	1.40	1.30	60	0.06	0.09	0.47	$380	$92

J770 OR N359 ADVANCE J770 ET

Scurred 43968229

DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)

Sire: OR 3575 ADVANCE N359 {CHB,DLF,HYF,IEF} (43473003)

OR 3027 MISS DOMINO 003R {DLF,HYF,IEF} (43173334)

EFBEEF SCHU-LAR PROFICIENT N093 {SOD,DLF,HYF,IEF} (P42444860)

Dam: OR MISS PROFICIENT 002Z {DOD,DLF,HYF,IEF} (P43173347)

DS RAM DOMET 603 (42781495)

5/30/2018 WT 972

Ratio	
BW	0%
WW	0%
YW	0%
Cont	ET
Scrotal	36
1/10/19 Wt	1350
Feed Efficiency	
ADG	4.79
RFI	-1.47
FE Index	$7.53

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
12.6	-1.5	35	56	0.3	1.0	14.1	30	47	6.3	52	1.20	1.30	54	0.03	0.37	0.54	$316	$84

764F OR A250 FORTUNE 764F

Polled 43968191

EFBEEF TFL U208 TESTED X651 ET {DLF,HYF,IEF} (P43091736)

Sire: EFBEEF X651 TESTED A250 {DLF,HYF,IEF} (P43440096)

EFBEEF 6378 KATE W484 {DLF,HYF,IEF} (P43032139)

OR 3575 HUSKER N162 ET {CHB,DLF,HYF,IEF} (43268578)

Dam: OR N162 MISS HUSKER L525 (P43745922)

OR MISS PROGRESS 216K (P43374245)

5/30/2018 WT 1015

Ratio	
BW	107%
WW	105%
YW	111%
Cont	30
Scrotal	37
1/10/19 Wt	1300
Feed Efficiency	
ADG	5.20
RFI	2.50
FE Index	-$9.39

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
9.0	1.0	61	102	0.6	1.3	16.0	25	55	6.8	71	1.40	1.30	72	0.08	0.43	0.55	$359	$103

771F OR A250 FORTUNE 771F

Scurred 43968149

EFBEEF TFL U208 TESTED X651 ET {DLF,HYF,IEF} (P43091736)

Sire: EFBEEF X651 TESTED A250 {DLF,HYF,IEF} (P43440096)

EFBEEF 6378 KATE W484 {DLF,HYF,IEF} (P43032139)

UPS DOMINO 3027 {SOD,DLF,HYF,IEF} (42426386)

Dam: OR 3027 MISS DOMINO 509R (43747044)

DS RAM DOMET 606 (42781492)

5/30/2018 WT 970

Ratio	
BW	100%
WW	111%
YW	109%
Cont	30
Scrotal	39
1/10/19 Wt	1430
Feed Efficiency	
ADG	4.78
RFI	0.76
FE Index	-$8.54

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
11.0	0.5	56	91	0.5	1.3	18.6	27	55	7.5	63	1.50	1.50	70	0.06	0.34	0.48	$392	$101

757Z OR A42 APOLLO 757Z

Scurred 43977949

KCF BENNETT REVOLUTION X51 {CHB,DLF,HYF,IEF} (P43081556)

Sire: LOEWEN C&L 33N APOLLO A42 ET {CHB,DLF,HYF,IEF} (P43373567)

HVH OKSANA 4L 33N {DLF,HYF,IEF} (P42353096)

OR 3575 HUSKER N151 ET {CHB,DLF,HYF,IEF} (43268575)

Dam: OR N151 MISS HUSKER S428 (43635776)

OR 3575 MISS ADV N910 (43068257)

5/30/2018 WT 982

Ratio	
BW	95%
WW	99%
YW	103%
Cont	30
Scrotal	42
1/10/19 Wt	1455
Feed Efficiency	
ADG	5.28
RFI	0.48
FE Index	$9.12

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
9.4	0.7	53	89	0.2	1.2	16.5	16	43	6.8	90	1.40	1.50	73	0.05	0.64	0.33	$373	$116

783Z OR A42 APOLLO 783Z

Scurred 43968144

KCF BENNETT REVOLUTION X51 {CHB,DLF,HYF,IEF} (P43081556)

Sire: LOEWEN C&L 33N APOLLO A42 ET {CHB,DLF,HYF,IEF} (P43373567)

HVH OKSANA 4L 33N {DLF,HYF,IEF} (P42353096)

EFBEEF TFL U208 TESTED X651 ET {DLF,HYF,IEF} (P43091736)

Dam: OR X651 MISS TESTED 415M (P43635830)

OR W485 MISS PRO 114A (P43268272)

5/30/2018 WT 940

Ratio	
BW	103%
WW	100%
YW	105%
Cont	30
Scrotal	36
1/10/19 Wt	1400
Feed Efficiency	
ADG	4.91
RFI	1.49
FE Index	-$4.81

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
7.8	1.2	60	97	0.3	1.1	19.4	20	50	6.1	77	1.50	1.60	69	0.05	0.50	0.50	$417	$110

786Z OR A42 APOLLO 786Z

Polled 43968112

KCF BENNETT REVOLUTION X51 {CHB,DLF,HYF,IEF} (P43081556)

Sire: LOEWEN C&L 33N APOLLO A42 ET {CHB,DLF,HYF,IEF} (P43373567)

HVH OKSANA 4L 33N {DLF,HYF,IEF} (P42353096)

SHF PROGRESS P20 {SOD,DLF,HYF,IEF} (P42481042)

Dam: OR MISS PROGRESS 113P (P43266038)

DS RAM DOMET 703 {DOD} (42877031)

5/30/2018 WT 922

Ratio	
BW	91%
WW	117%
YW	112%
Cont	6
Scrotal	39
1/10/19 Wt	1410
Feed Efficiency	
ADG	5.32
RFI	0.35
FE Index	$18.60

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
10.8	0.0	55	89	0.4	1.3	18.9	20	47	4.1	87	1.40	1.50	65	0.01	0.45	0.34	$392	$102

773Z OR A42 APOLLO 773Z

Polled 43977947

KCF BENNETT REVOLUTION X51 {CHB,DLF,HYF,IEF} (P43081556)

Sire: LOEWEN C&L 33N APOLLO A42 ET {CHB,DLF,HYF,IEF} (P43373567)

HVH OKSANA 4L 33N {DLF,HYF,IEF} (P42353096)

SHF PROGRESS P20 {SOD,DLF,HYF,IEF} (P42481042)

Dam: OR MISS PROGRESS 515K (P43747050)

OR 9059 MISS BEEF J314 (43472981)

5/30/2018 WT 964

Ratio	
BW	95%
WW	104%
YW	108%
Cont	30
Scrotal	38
1/10/19 Wt	1355
Feed Efficiency	
ADG	5.25
RFI	1.53
FE Index	$2.95

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
10.3	0.1	56	94	0.5	1.1	19.3	17	45	4.5	87	1.50	1.50	65	0.02	0.58	0.25	$393	$101

758B OR BONANZA 758B

Scurred 43968156

EFBEEF SCHU-LAR PROFICIENT N093 {SOD,DLF,HYF,IEF} (P42444860)

Sire: GENOAS BONANZA 11051 {DLF,HYF,IEF} (P43174342)

HYALITE 22S LASS 876 {DLF,HYF,IEF} (P42893850)

UPS DOMINO 3027 {SOD,DLF,HYF,IEF} (42426386)

Dam: OR 3027 MISS DOMINO 529R (43747047)

OR 3575 MISS ADV N910 (43068257)

5/30/2018 WT 920

Ratio	
BW	97%
WW	105%
YW	101%
Cont	30
Scrotal	38
1/10/19 Wt	1330
Feed Efficiency	
ADG	4.52
RFI	-1.45
FE Index	$4.77

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
11.7	-1.5	46	78	0.3	1.5	19.2	31	54	7.3	69	1.30	1.40	59	0.06	0.12	0.42	$387	$89

766G OR 0042X SENTINEL 766G

Scurred 43968220

UPS DOMINO 3027 {SOD,DLF,HYF,IEF} (42426386)

Sire: K&B SENTINEL 0042X {CHB,DLF,HYF,IEF} (P43110745)

K&B RED LADY 8045U {DLF,HYF,IEF} (P42904676)

SHF MASTER PIECE P20 Z18 {DLF,HYF,IEF} (P43275434)

Dam: OR Z18 MISS FAMOUS 508F (P43749563)

OR U332 MISS BEEF EATER 206T (P43373906)

5/30/2018 WT 980

Ratio	
BW	108%
WW	107%
YW	108%
Cont	30
Scrotal	40
1/10/19 Wt	1415
Feed Efficiency	
ADG	5.10
RFI	-0.72
FE Index	$12.77

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
3.6	2.7	57	95	0.2	1.6	16.7	25	54	2.9	69	1.50	1.40	59	0.02	0.31	0.26	$351	$96

N775 OR 3575 ADVANCE N775 ET

Horned 43968233

HH ADVANCE 1045L {CHB,DLF,IEF} (42151369)

Sire: DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)

DS 6805 MS TROY 8605 {DLF,HYF,IEF} (41046851)

EFBEEF SCHU-LAR PROFICIENT N093 {SOD,DLF,HYF,IEF} (P42444860)

Dam: SCHU-LAR 10X OF 22U N093 {DLF,HYF,IEF} (P43084010)

SCHU-LAR 22U OF 5S 5N (P42893355)

5/30/2018 WT 968

Ratio	
BW	0%
WW	0%
YW	0%
Cont	ET
Scrotal	35
1/10/19 Wt	1345
Feed Efficiency	
ADG	4.20
RFI	-0.79
FE Index	-$16.25

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
7.3	1.5	45	72	0.1	1.4	13.2	20	42	4.8	90	1.30	1.50	66	0.07	0.49	0.59	$329	$103

L789 OR N162 HUSKER L789

Horned 43968183

DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)
Sire: OR 3575 HUSKER N162 ET {CHB,DLF,HYF,IEF} (43268578)
CK MS ON TARGET F020 {DLF,HYF,IEF} (42581656)

DS BEEF 9059 {SOD,CHB} (41149734)
Dam: OR 9059 MISS BEEF J313 (43472943)
DS 5216 DOMET 801 {DOD} (42969994)

5/30/2018 WT 820

Ratio	
BW	98%
WW	95%
YW	102%
Cont	6
Scrotal	37
1/10/19 Wt	1240
Feed Efficiency	
ADG	4.95
RFI	-0.39
FE Index	$23.74

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
10.4	0.6	48	85	0.3	1.3	14.1	25	49	6.4	92	1.20	1.10	73	0.06	0.74	0.52	$350	$116

Z777 OR 466S DREAMER Z777

Horned 43968210

SHF LITERAL W18 Y90 {DLF,HYF,IEF} (P43181182)
Sire: OR Y90 SANDMAN 466S {DLF,HYF,IEF} (43635825)
OR 3027 MISS DOMINO 123R {DOD} (43266043)

OR 3575 HUSKER N151 ET {CHB,DLF,HYF,IEF} (43268575)
Dam: OR N151 MISS HUSKER S402 (43635806)
OR RAM DOMET H105 (43274112)

5/30/2018 WT 914

Ratio	
BW	109%
WW	97%
YW	101%
Cont	30
Scrotal	39
1/10/19 Wt	1430
Feed Efficiency	
ADG	4.70
RFI	1.63
FE Index	-$9.49

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
4.8	2.2	51	87	-0.1	1.5	13.0	25	51	2.4	60	1.30	1.30	66	0.04	0.27	0.55	$324	$112

Z776 OR 466S DREAMER Z776

Horned 43968211

SHF LITERAL W18 Y90 {DLF,HYF,IEF} (P43181182)
Sire: OR Y90 SANDMAN 466S {DLF,HYF,IEF} (43635825)
OR 3027 MISS DOMINO 123R {DOD} (43266043)

OR 3575 HUSKER N151 ET {CHB,DLF,HYF,IEF} (43268575)
Dam: OR N151 MISS HUSKER S417 (43635789)
OR 9059 MISS BEEF J218 (43373879)

5/30/2018 WT 946

Ratio	
BW	122%
WW	97%
YW	104%
Cont	30
Scrotal	38
1/10/19 Wt	1235
Feed Efficiency	
ADG	5.20
RFI	1.06
FE Index	$6.88

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
-0.2	4.5	55	96	0.2	1.3	14.2	23	51	-0.1	66	1.30	1.30	70	0.06	0.39	0.45	$334	$108

S769 OR N151 HUSKER S769

Horned 43968204

DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)
Sire: OR 3575 HUSKER N151 ET {CHB,DLF,HYF,IEF} (43268575)
CK MS ON TARGET F020 {DLF,HYF,IEF} (42581656)

UPS DOMINO 5216 {SOD,DLF,IEF} (42644307)
Dam: OR 5216 MISS DOMINO R005 (43173352)
DS 3017 MISS ADV 5735 (42665778)

5/30/2018 WT 898

Ratio	
BW	94%
WW	94%
YW	92%
Cont	30
Scrotal	39
1/10/19 Wt	1315
Feed Efficiency	
ADG	4.29
RFI	-1.37
FE Index	-$0.25

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
10.2	0.4	42	65	-0.3	1.3	13.9	25	46	7.1	61	1.20	1.30	62	0.08	0.46	0.32	$322	$100

H756 OR RAM DOM H756

Horned 43968214

CJH L1 DOMINO 552 {SOD,DLF,HYF,IEF} (19538523)
Sire: CSU RAM DOMINATOR 4203 {SOD,DLF,HYF,IEF} (42531422)
CSU MISS JET DOMINO 2205 (42261578)

OR 3575 HUSKER N151 ET {CHB,DLF,HYF,IEF} (43268575)
Dam: OR N151 MISS HUSKER S427 (43640179)
OR 5216 MISS DOMINO R005 (43173352)

5/30/2018 WT 818

Ratio	
BW	94%
WW	82%
YW	86%
Cont	30
Scrotal	38
1/10/19 Wt	1225
Feed Efficiency	
ADG	4.19
RFI	-2.43
FE Index	$11.64

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
10.5	-0.4	33	52	-0.4	1.1	11.0	25	42	4.1	36	1.20	1.30	41	0.01	0.23	0.26	$253	$79

T772 OR N464 ADVANCE T772

Horned 43968185

DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)
Sire: OR 3575 HUSKER N464 ET {DLF,HYF,IEF} (43647548)
CK MS ON TARGET F023 {DLF,HYF,IEF} (42581659)

DS BEEF 9059 {SOD,CHB} (41149734)
Dam: DS 9059 MS BEEF 705 {DOD} (42877020)
DS MISS HIGH 9189 (41149860)

5/30/2018 WT 914

Ratio	
BW	109%
WW	98%
YW	97%
Cont	30
Scrotal	36
1/10/19 Wt	1280
Feed Efficiency	
ADG	4.75
RFI	0.85
FE Index	-$3.36

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
2.6	3.5	46	76	0.3	0.9	14.2	21	44	3.4	81	1.20	1.40	70	0.01	0.73	0.39	$339	$110

762L OR O945 DOMINO 762L

Horned 43968209

LJS MARK DOMINO 0709 {DLF,HYF,IEF} (42810003)
Sire: LJS MARK DOMINO 0945 {CHB,DLF,HYF,IEF} (43000470)
LJS MS ADVANCE 0601 {DLF,HYF,IEF} (42705829)

OR 3575 HUSKER N151 ET {CHB,DLF,HYF,IEF} (43268575)
Dam: OR N151 MISS HUSKER S330 (P43472980)
OR MISS FRANK 902F (P43068243)

5/30/2018 WT 942

Ratio	
BW	113%
WW	94%
YW	99%
Cont	30
Scrotal	34
1/10/19 Wt	1200
Feed Efficiency	
ADG	5.04
RFI	2.22
FE Index	-$5.35

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
8.7	2.8	49	86	0.2	1.3	7.5	26	51	10.7	34	1.50	1.50	72	0.03	0.67	0.57	$252	$120

760F OR A250 FORTUNE 760F

Polled 43968163

EFBEEF TFL U208 TESTED X651 ET {DLF,HYF,IEF} (P43091736)
Sire: EFBEEF X651 TESTED A250 {DLF,HYF,IEF} (P43440096)
EFBEEF 6378 KATE W484 {DLF,HYF,IEF} (P43032139)

OR 3027 DOMINO 152R {DLF,HYF,IEF} (43266034)
Dam: OR 152R MISS DOMINO 425 (43658693)
OR 3575 MISS ADVANCE N209 (43373899)

5/30/2018 WT 862

Ratio	
BW	111%
WW	81%
YW	91%
Cont	30
Scrotal	37
1/10/19 Wt	1280
Feed Efficiency	
ADG	5.08
RFI	0.26
FE Index	$17.46

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
4.9	2.6	51	84	0.1	1.2	16.6	21	47	4.3	68	1.50	1.50	69	0.06	0.37	0.49	$373	$108

G754 G754

Polled 50% Hereford 50% Red Angus

SCHULER OMYGOODNESS 2121Z 1515472

Sire: SCHULER GOOD TIME B009 1697139

SOR BRASKA REBEL Z456 1515742

OR 3575 HUSKER N162 ET {CHB,DLF,HYF,IEF} (43268578)

Dam: OR N162 MISS HUSKER L522 (P43745919)

OR MISS FOUNDATION 208F (P43373886)

5/30/2018 WT 968

Ratio	
BW	0%
WW	0%
YW	0%
Cont	0
Scrotal	40
1/10/19 Wt	1385
Feed Efficiency	
ADG	4.21
RFI	1.75
FE Index	-$32.76

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
0.0	-0.5	50	98	0.0	0.0	0.0	37	0	0.0	0	0.00	0.00	78	0.10	0.50	0.50	$0	$0

G784 G784

Polled 50% Hereford 50% Red Angus

SCHULER OMYGOODNESS 2121Z 1515472

Sire: SCHULER GOOD TIME B009 1697139

SOR BRASKA REBEL Z456 1515742

OR 3575 HUSKER N162 ET {CHB,DLF,HYF,IEF} (43268578)

Dam: OR N162 MISS HUSKER L528 (43745950)

OR 9059 MISS BEEF J009 (43173341)

5/30/2018 WT 1015

Ratio	
BW	0%
WW	0%
YW	0%
Cont	0
Scrotal	36
1/10/19 Wt	1450
Feed Efficiency	
ADG	5.29
RFI	0.07
FE Index	$7.13

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
0.0	-2.2	43	90	0.0	0.0	0.0	35	0	0.0	0	0.00	0.00	78	0.09	0.57	0.60	$0	$0

G781 G781

Polled 50% Hereford 50% Red Angus

SCHULER OMYGOODNESS 2121Z 1515472

Sire: SCHULER GOOD TIME B009 1697139

SOR BRASKA REBEL Z456 1515742

CSU RAM DOMINATOR 4203 {SOD,DLF,HYF,IEF} (42531422)

Dam: OR RAM DOMET H405 (43635832)

OR 3027 MISS DOMINO 112R {DOD} (43266036)

5/30/2018 WT 968

Ratio	
BW	0%
WW	0%
YW	0%
Cont	0
Scrotal	36
1/10/19 Wt	1380
Feed Efficiency	
ADG	4.62
RFI	0.69
FE Index	-$12.75

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
0.0	-2.5	39	79	0.0	0.0	0.0	40	0	0.0	0	0.00	0.00	63	0.05	0.35	0.51	$0	$0

G785 G785

Polled 50% Hereford 50% Red Angus

SCHULER OMYGOODNESS 2121Z 1515472

Sire: SCHULER GOOD TIME B009 1697139

SOR BRASKA REBEL Z456 1515742

SHF LITERAL W18 Y90 {DLF,HYF,IEF} (P43181182)

Dam: OR Y90 SANDY 411S (43647406)

OR 5216 MISS DOMINO R010 (43173344)

5/30/2018 WT 884

Ratio	
BW	0%
WW	0%
YW	0%
Cont	0
Scrotal	38
1/10/19 Wt	1350
Feed Efficiency	
ADG	4.23
RFI	0.87
FE Index	-$15.83

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
0.0	-0.4	46	94	0.0	0.0	0.0	38	0	0.0	0	0.00	0.00	69	0.08	0.29	0.58	$0	$0

Bull Sale

Saturday, January 26, 2019

12:30 PM

2017 Born Bulls

OLSEN RANCHES,INC.

ARTHUR OLSEN
(308) 631-3104

DOUGLAS OLSEN
(308) 641-1273

Sale Order	ID	Dam	Calv. Ease Direct	Birth Wt	Wean Wt	Year Wt	DMI	Scrotal Circ.	SCF	Milk	Milk & Growth	Calv. Ease Mat.	Mature Cow Weight	Udder Susp	Teat Size	Carc Wt	Fat	Rib Eye Area	Marb	BMI Index ($)	CHB Index ($)	30-May Final Wt	71 Day Gain	Intake (DM Daily (lb)	ADJ F/G	DM RFI (lb)	RG	FE Index
3	755G	H426	3.7	3.1	44	80	-0.3	1.3	14.9	24	45	2	71	1.40	1.40	52	0.00	0.44	0.19	$332	$103	938	5.37	22.48	4.06	-1.56	0.77	$28.88
10	757Z	S428	9.4	0.7	53	89	0.2	1.2	16.5	16	43	6.8	90	1.40	1.50	73	0.05	0.64	0.33	$373	$116	982	5.28	25.34	4.49	0.48	0.46	$9.12
14	758B	529R	11.7	-1.5	46	78	0.3	1.5	19.2	31	54	7.3	69	1.30	1.40	59	0.06	0.12	0.42	$387	$89	920	4.52	22.10	4.74	-1.45	-0.05	$4.77
5	759F	215T	6.5	1.9	58	89	0.2	1.5	15.9	21	50	5.7	72	1.30	1.20	62	0.05	0.23	0.34	$342	$94	936	4.50	22.45	4.71	-1.71	-0.14	$2.79
24	760F	E425	4.9	2.6	51	84	0.1	1.2	16.6	21	47	4.3	68	1.50	1.50	69	0.06	0.37	0.49	$373	$108	862	5.08	22.40	4.61	0.26	0.61	$17.46
23	762L	S330	8.7	2.8	49	86	0.2	1.3	7.5	26	51	10.7	34	1.50	1.50	72	0.03	0.67	0.57	$252	$120	942	5.04	26.22	5.01	2.22	0.21	-$5.35
4	763F	106Z	9.4	1.5	59	93	0.3	1.4	17.8	26	56	6.8	79	1.30	1.30	71	0.07	0.29	0.45	$387	$107	1055	4.82	25.96	4.68	-0.51	-0.17	-$6.32
8	764F	L525	9	1.0	61	102	0.6	1.3	16.0	25	55	6.8	71	1.40	1.30	72	0.08	0.43	0.55	$359	$103	1015	5.20	28.03	4.89	2.50	0.18	-$9.39
1	765G	521K	3.3	2.3	58	99	0.4	1.3	17.5	24	53	0.7	88	1.40	1.40	63	0.02	0.49	0.29	$370	$100	1055	5.55	27.45	4.38	1.07	0.50	$6.18
15	766G	508F	3.6	2.7	57	95	0.2	1.6	16.7	25	54	2.9	69	1.50	1.40	59	0.02	0.31	0.26	$351	$96	980	5.10	23.87	4.40	-0.72	0.38	$12.77
6	767B	513G	5.8	1.9	58	106	0.6	1.6	18.7	31	60	4.9	61	1.40	1.30	60	0.06	0.09	0.47	$380	$92	1040	5.59	24.92	3.99	-1.20	0.72	$23.47
9	771F	509R	11	0.5	56	91	0.5	1.3	18.6	27	55	7.5	63	1.50	1.50	70	0.06	0.34	0.48	$392	$101	970	4.78	25.75	4.95	0.76	-0.09	-$8.54
13	773Z	515K	10.3	0.1	56	94	0.5	1.1	19.3	17	45	4.5	87	1.50	1.50	65	0.02	0.58	0.25	$393	$101	964	5.25	26.11	4.70	1.53	0.41	$2.95
11	783Z	415M	7.8	1.2	60	97	0.3	1.1	19.4	20	50	6.1	77	1.50	1.60	69	0.05	0.50	0.50	$417	$110	940	4.91	25.55	4.98	1.49	0.12	-$4.81
12	786Z	113P	10.8	0.0	55	89	0.4	1.3	18.9	20	47	4.1	87	1.40	1.50	65	0.01	0.45	0.34	$392	$102	922	5.32	23.71	4.44	0.35	0.70	$18.60
25	G754	L522		-0.5	50	98				37						78	0.10	0.50	0.50			968	4.21	26.79	5.77	1.75	-0.75	-$32.76
27	G781	H405		-2.5	39	79				40						63	0.05	0.35	0.51			968	4.62	25.62	5.09	0.69	-0.25	-$12.75
26	G784	L528		-2.2	43	90				35						78	0.09	0.57	0.60			1015	5.29	25.94	4.41	0.07	0.36	$7.13
28	G785	411S		-0.4	46	94				38						69	0.08	0.29	0.58			884	4.23	23.75	5.56	0.87	-0.40	-$15.83
21	H756	S427	10.5	-0.4	33	52	-0.4	1.1	11.0	25	42	4.1	36	1.20	1.30	41	0.01	0.23	0.26	$253	$79	818	4.19	18.91	4.78	-2.43	-0.05	$11.64
7	J770	002Z	12.6	-1.5	35	56	0.3	1.0	14.1	30	47	6.3	52	1.20	1.30	54	0.03	0.37	0.54	$316	$84	972	4.79	23.21	4.51	-1.47	0.08	$7.53
17	L789	J313	10.4	0.6	48	85	0.3	1.3	14.1	25	49	6.4	92	1.20	1.10	73	0.06	0.74	0.52	$350	$116	820	4.95	20.54	4.57	-0.39	0.67	$23.74
2	N753	006R	7.2	2.4	47	75	0.1	1.2	15.7	23	46	3.6	72	1.20	1.40	74	0.05	0.70	0.55	$374	$116	982	5.05	22.79	4.20	-2.05	0.37	$18.51
16	N775	SCH 10	7.3	1.5	45	72	0.1	1.4	13.2	20	42	4.8	90	1.30	1.50	66	0.07	0.49	0.59	$329	$103	968	4.20	24.15	5.23	-0.79	-0.61	-$16.25
20	S769	R005	10.2	0.4	42	65	-0.3	1.3	13.9	25	46	7.1	61	1.20	1.30	62	0.08	0.46	0.32	$322	$100	898	4.29	21.60	4.98	-1.37	-0.23	-$0.25
22	T772	J705	2.6	3.5	46	76	0.3	0.9	14.2	21	44	3.4	81	1.20	1.40	70	0.01	0.73	0.39	$339	$110	914	4.75	24.42	5.01	0.85	0.05	-$3.36
19	Z776	S417	-0.2	4.5	55	96	0.2	1.3	14.2	23	51	-0.1	66	1.30	1.30	70	0.06	0.39	0.45	$334	$108	946	5.20	25.11	4.66	1.06	0.45	$6.88
18	Z777	S402	4.8	2.2	51	87	-0.1	1.5	13.0	25	51	2.4	60	1.30	1.30	66	0.04	0.27	0.55	$324	$112	914	4.70	25.15	5.21	1.63	-0.04	-$9.49
	Olsen Sale Bull ave		8.2	0.7	50	86	0.2	1.3	16.1	26	50	5.3	71	1.37	1.40	66	0.05	0.42	0.44	$356	$102	950	4.88	24.3	4.75	0.07	0.15	$2.76
	Breed Avg. EPDs f		1.9	3.1	52	83	0.1	0.9	14.4	24	49	2.0	88	1.20	1.21	65	0.01	0.38	0.11	$319	$101							

F/G pounds of feed required for one pound of live weight gain
Lower is more desirable.

ADJ F/G F/G 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. Higher is more desirable.