



Olsen NRSP Data Released

Below are National Reference Sire Program (NRSP) results from the 2012-born calves at Olsen Ranch, Harrisburg, Neb.

This is still one of the most comprehensive tests within the entire industry and can be used to identify genetics that are favorable for the

traits of interest. The collected data and DNA are used to help the science community to build useful tools for the beef industry, and they also prove that if breeders will make breeding decisions based from fact and data, positive genetic change can be made.

This set of calves graded more than 90% Choice, and this high percentage is due to the Olsen family building a cow herd based off their environment and keeping a close eye on end product merit.

This type of production should be a goal of all breeders. Every breeder

should select genetics based off of his environment that have the right kind of calving ease (CE), growth, milk production and end product merit. This selection is important no matter whom he markets bulls to because, at the end of the day, someone will have to feed and slaughter those progeny, and those results will be a reflection of the Hereford breed and that breeder's program.

The Certified Hereford Beef (CHB) program continues to grow and tenderness in Hereford cattle has been a real asset in the development and growth of this program, but today, nearly 75% of all cattle harvested are sold on some type of grid with an emphasis on quality.

Jack Turner, Oklahoma City, Okla., put it best during a phone conversation the other day by quoting a Bible verse Genesis 18:7 that reads: "Abraham also ran to the herd and took a tender and choice calf and gave it to the servant."

We can have both, and they will be important to the long-term value of CHB and the Hereford breed. **HW**

Table 1: 2012-born steer calves at Olsen Ranch

Sire name	Hot wt.	HCW ratio	Marble	Marble ratio	REA	REA ratio	Backfat	Backfat ratio	CYG	F/G	RFI	BW ratio	WW ratio	YW ratio
EFBEEF M821 Beef Eater U332	890	103%	449	96%	13.08	101%	0.68	113%	3.9	5.01	0.61	100	98	99
EFBEEF TFL U208 Tested X651 ET	873	101%	524	112%	12.89	100%	0.67	112%	3.9	5.14	1.73	95	103	104
H5 Solution 064	868	100%	475	101%	12.80	99%	0.53	88%	3.5	4.58	-0.78	102	98	99
CSU Ram Dominator 4203	827	96%	478	102%	12.40	96%	0.56	93%	3.6	4.78	0.28	96	98	96
DS Beef 9059	855	99%	444	95%	13.03	101%	0.53	88%	3.4	4.74	0.33	101	98	97
K&B Sentinel 0042X	889	103%	474	101%	13.20	102%	0.62	104%	3.7	4.75	-0.42	100	101	102
KCF Bennett Revolution X51	936	108%	488	104%	14.43	112%	0.69	114%	3.7	5.00	0.82	102	105	106
Loewen Foundation 34X	850	98%	439	94%	12.35	96%	0.59	98%	3.7	4.72	-0.25	98	99	101
MCR Harlands Domino 978 ET	876	101%	444	95%	13.42	104%	0.59	98%	3.5	4.53	-0.80	101	98	99
R Visionary 4200	841	97%	478	102%	12.66	98%	0.56	94%	3.5	4.85	0.23	93	99	100
SHF Kennedy 502R X36	874	101%	467	100%	12.99	101%	0.64	107%	3.8	4.75	-0.49	104	106	104
SMN 0527 Liberty 0709	826	96%	460	98%	12.50	97%	0.62	104%	3.7	4.72	-0.51	104	97	96
Whitehawk 330 Beefmaker 923X	910	105%	502	107%	13.08	101%	0.66	110%	3.9	4.82	0.14	101	105	104

Table 2: EPDs for 2012 NRSP bulls tested at Olsen Ranch

Sire name	CE EPD	CE ACC	BW EPD	BW ACC	WW EPD	WW ACC	YW EPD	YW ACC	MM EPD	MM ACC	MG EPD	MCE EPD	MCE ACC	MCW EPD	MCW ACC	SC EPD	SC ACC	FAT EPD	FAT ACC	REA EPD	REA ACC	MARB EPD	MARB ACC	BMI	CEZ	BII	CHB
EFBEEF M821 Beef Eater U332	4.7	0.37	2.0	0.76	49	0.68	77	0.70	9	0.26	34	0.2	0.29	64	0.49	2.8	0.49	0.009	0.46	0.08	0.47	0.24	0.43	41	24	42	27
EFBEEF TFL U208 Tested X651 ET	6.5	0.30	-1.8	0.62	61	0.53	96	0.56	20	0.19	51	3.2	0.25	69	0.41	1.4	0.32	0.058	0.31	0.91	0.33	0.41	0.28	30	22	25	37
H5 Solution 064	2.9	0.34	2.6	0.74	53	0.65	90	0.66	28	0.25	54	4.0	0.29	122	0.45	0.8	0.43	-0.019	0.41	0.32	0.42	0.4	0.38	21	18	17	34
CSU Ram Dominator 4203	3.4	0.48	-0.3	0.90	27	0.86	51	0.87	17	0.74	31	3.2	0.42	32	0.74	1.1	0.54	-0.048	0.78	0.08	0.78	0.24	0.82	25	21	25	20
DS Beef 9059	2.1	0.46	2.0	0.90	42	0.87	69	0.88	10	0.79	31	0.1	0.44	79	0.73	0.9	0.64	-0.05	0.78	0.88	0.79	0.19	0.82	25	18	24	28
K&B Sentinel 0042X	6.0	0.35	1.9	0.79	53	0.72	85	0.71	31	0.22	57	5.5	0.29	82	0.43	1.6	0.46	-0.003	0.47	0.37	0.48	0.45	0.48	31	23	26	35
KCF Bennett Revolution X51	5.5	0.38	2.7	0.77	82	0.70	127	0.71	29	0.22	70	3.2	0.30	97	0.45	1.7	0.56	-0.019	0.48	1.49	0.48	0.17	0.44	31	20	23	48
Loewen Foundation 34X	4.5	0.32	-0.1	0.77	61	0.67	98	0.68	17	0.22	48	2.1	0.26	114	0.44	1.2	0.33	0.051	0.41	0.33	0.43	0.37	0.43	26	19	21	34
MCR Harlands Domino 978 ET	2.2	0.23	3.5	0.67	54	0.59	92	0.60	31	0.21	58	2.5	0.21	94	0.36	1.3	0.36	-0.004	0.34	0.41	0.35	0.18	0.31	22	17	18	30
R Visionary 4200	8.0	0.30	-2.5	0.66	54	0.57	87	0.59	30	0.19	57	3.5	0.24	80	0.41	1.3	0.32	0.023	0.30	0.5	0.31	0.31	0.27	26	23	21	32
SHF Kennedy 502R X365.5	5.5	0.31	1.4	0.72	63	0.62	96	0.65	20	0.21	52	3.3	0.27	123	0.44	2.4	0.44	-0.037	0.40	0.61	0.41	0.39	0.37	41	24	37	41
SMN 0527 Liberty 0709	3.7	0.29	2.7	0.72	48	0.64	75	0.67	13	0.29	37	3.4	0.24	78	0.50	0.7	0.17	0.013	0.40	0.19	0.41	0.01	0.36	19	18	16	21
Whitehawk 330 Beefmaker 923X	2.1	0.31	2.1	0.66	63	0.58	101	0.60	32	0.19	64	1.3	0.26	106	0.42	2.0	0.36	0.028	0.32	0.34	0.34	0.41	0.28	30	18	26	36

American Hereford Association National Reference Sire Program

Responsibilities of Test Herd:

- Select from nominated bulls
- Contact bull owner for semen shipping instructions
- Breed 55-60 cows at a random mating across genotypes
- Breed 30 cows to one reference sire that has been tested in previous years (at the cost of the test herd, semen and shipping at a commercial rate)
- Provide complete data on National Reference Sire Program (NRSP) forms
- Breeding data: Cow ID, specific breed makeup (based on percent), age of cow at breeding time, date bred and sire used
- Birth data: Calf ID, date of birth, weight and calving ease score
- Weaning data: Calf ID, date weaned and weight
- Interim data: Calf ID, date, weight
- Carcass data: Calf ID, carcass weight, marbling score, fat thickness, ribeye area, internal fat and yield grade
- Test herd must provide at least 55% conception rate
- Test herd must retain ownership or partnership at 50% or greater on cattle until they have been harvested

Test Herd Cost:

- All costs will be covered by test herd
- Test herd will pay for the reference sire semen for the 30 cows, and shipping semen will be priced at a commercial rate, data collection will be paid by test herd on all cattle

Responsibilities of Bull Owner:

- Nominate bulls for test sire
- Nominate bulls to American Hereford Association (AHA) by **March 1, 2014**
- Furnish 60 straws of semen and pay shipping cost to test herds
- Pay fees as required

Bull Owner Cost:

- Semen and shipment of semen
- Pay the test herd fee per bull tested when semen is shipped — contact Jack Ward for details

Responsibilities of AHA:

- Receive data and report all data back to bull owner and to test herd

AHA Cost:

There will be no cost to the test herd or the bull owner for the data reporting done by the AHA

Benefits of Test Sires:

- Obtaining high accuracy carcass EPDs (expected progeny differences)
- Obtaining performance data compared to other sires tested in herd contemporaries
- Opportunity to market semen as a NRSP reference sire, after nominated and selected
- Opportunity to test sires next to the top Hereford genetics in the breed

For an application go to Hereford.org/NRSP or contact AHA at 816-842-3757