



# Olsen NRSP Results Announced

The American Hereford Association (AHA) National Reference Sire Program (NRSP) has proven very beneficial to the discovery of young sires that will make an impact within the industry. The AHA uses several commercial herds around the country to test young sires. Printed to the right is the final report on the 2009-born calves at Olsen Ranch, Harrisburg, Neb.

Included in this data will be measurements along all levels of production including feed intake information. In the summer of 2010, the Olsens, along with support from the AHA, built a GrowSafe feeding system. This will be utilized to collect phenotypes for feed intake.

In addition to the NRSP test progeny, the Olsens will make this system available to Hereford breeders so they can collect feed intake information on different contemporary groups. The lot is set up to handle various sized groups. For more information, contact Art or Douglas Olsen at 308-641-1273 or 308-673-5597.

Key test results include these: the group graded nearly 78% Choice or Prime, were yield grade 3 and had an average dry matter feed/gain of 6.51. Even with only a difference of .65 from highest to lowest for feed to gain, there would be about \$17/head cost savings over the test period using Olsens' cost of gain. **HW**

**Table 1: 2009-born steer calves at Olsen Ranch**

Reg #	Sire name	HCW	Ratio	Dress %	Ratio	Marb	Ratio	REA	Ratio	BFAT	Ratio	CYG	Ratio	Crx Count	CH or PR	% CH or PR	70-day DM F/G	BW Ratio	WW Ratio	YW Ratio
42759945	/S Bottomline 6420 ET	918.3	1.04	61.64	1.00	444	0.98	14.57	1.07	0.56	0.97	3.22	0.94	22	17	77.27	6.56	101	98	102
42653939	BRP R5 of P26 5N ET	854.8	0.97	61.14	0.99	452	1.00	13.09	0.96	0.59	1.02	3.54	1.04	14	10	71.43	6.30	103	100	103
42394633	DS 1045 Advance 3575N	908.5	1.03	61.59	1.00	545	1.21	14.22	1.04	0.67	1.17	3.58	1.05	19	19	100	6.66	101	100	101
42672722	EFBeef 821C Fellis 5701 ET	927.5	1.05	61.66	1.00	448	0.99	13.76	1.01	0.68	1.19	3.82	1.12	21	14	66.67	6.38	101	101	101
42531422	CSU Ram Dominator 4203	844.0	0.96	62.36	1.01	445	0.99	13.59	1.00	0.50	0.87	3.11	0.91	61	47	77.05	6.49	98	100	99
41149734	DS Beef 9059	893.9	1.01	62.44	1.01	435	0.96	14.52	1.06	0.46	0.81	2.90	0.85	15	13	86.67	6.21	98	99	99
42796392	L1 430 0424 0701	826.7	0.94	61.53	1.00	406	0.90	12.30	0.90	0.57	1.00	3.64	1.06	14	7	50.00	6.39	101	97	93
42730082	O L1 Domino 558	881.9	1.00	61.40	0.99	475	1.05	13.66	1.00	0.53	0.92	3.30	0.97	17	14	82.35	6.63	97	98	98
42795872	SHF Twister R125 T27	947.9	1.07	61.44	0.99	423	0.94	13.84	1.01	0.69	1.21	3.90	1.14	14	11	78.57	6.86	101	108	110
42795823	SHF Treasure R117 T58	893.2	1.01	62.19	1.01	439	0.97	13.37	0.98	0.54	0.95	3.47	1.02	22	18	81.82	6.57	102	99	100
42644307	UPS Domino 5216	864.7	0.98	62.23	1.01	438	0.97	13.45	0.99	0.61	1.07	3.50	1.03	20	13	65.00	6.46	101	99	98
42862013	WS King Ten 6314 ET	902.6	1.02	61.77	1.00	478	1.06	12.93	0.95	0.66	1.15	3.94	1.15	13	13	100	6.39	100	100	102
	Average	882.2	1.00	61.81	1.00	452	1.00	13.65	1.00	0.57	1.00	3.42	1.00	252	196	77.78	6.51	-	-	-

**Table 2: EPDs for 2009 NRSP bulls tested at Olsen Ranch**

Reg #	Sire name	CE EPD	CE Acc	BW EPD	BW Acc	WW EPD	WW Acc	YW EPD	YW Acc	MM EPD	MM Acc	M&G EPD	MCE EPD	MCE Acc	SC EPD	SC Acc	FAT EPD	FAT Acc	REA EPD	REA Acc	MARB EPD	MARB Acc	BMI \$	CEZ \$	BII \$	CHB \$
42759945	/S Bottomline 6420 ET	-0.4	0.13	4.6	0.72	50	0.63	91	0.64	20	0.20	45	3.5	0.11	1.3	0.32	0.01	0.33	0.62	0.35	0.11	0.30	23	16	20	26
42653939	BRP R5 of P26 5N ET	4.1	0.22	3.1	0.79	51	0.70	97	0.71	17	0.27	43	4.3	0.17	1.9	0.38	-0.02	0.54	0.29	0.55	0.32	0.58	33	22	29	33
42394633	DS 1045 Advance 3575N	0.4	0.08	3.0	0.73	40	0.64	79	0.67	11	0.18	31	1.6	0.08	0.7	0.15	0.04	0.46	0.72	0.49	0.55	0.52	23	16	22	30
42672722	EFBeef 821C Fellis 5701 ET	0.3	0.14	2.9	0.70	49	0.59	82	0.62	15	0.21	40	3.8	0.12	1.1	0.28	0.00	0.32	0.39	0.34	0.33	0.30	25	17	23	29
42531422	CSU Ram Dominator 4203	3.0	0.32	-0.2	0.88	36	0.81	59	0.83	2	0.51	20	2.5	0.25	1.0	0.42	-0.03	0.70	0.12	0.72	0.30	0.75	28	20	27	23
41149734	DS Beef 9059	3.1	0.35	2.0	0.89	41	0.85	69	0.86	12	0.73	33	0.5	0.33	1.0	0.61	-0.04	0.74	0.81	0.77	0.16	0.79	25	19	24	27
42796392	L1 430 0424 0701	1.8	0.12	2.0	0.61	26	0.52	27	0.54	22	0.18	36	1.8	0.11	0.3	0.12	0.00	0.09	-0.16	0.18	0.01	0.07	12	16	13	8
42730082	O L1 Domino 558	6.0	0.20	-0.3	0.70	47	0.63	79	0.65	30	0.19	54	1.5	0.15	1.3	0.45	0.00	0.42	0.47	0.42	0.33	0.39	25	21	22	30
42795872	SHF Twister R125 T27	-2.6	0.17	3.7	0.73	71	0.66	129	0.68	15	0.19	51	3.2	0.14	1.4	0.47	-0.01	0.46	0.79	0.48	-0.09	0.49	22	12	17	33
42795823	SHF Treasure R117 T58	0.2	0.14	2.5	0.68	47	0.60	82	0.63	23	0.16	47	3.0	0.11	2.1	0.34	0.01	0.34	0.20	0.35	0.35	0.32	32	19	31	28
42644307	UPS Domino 5216	5.7	0.37	1.7	0.86	52	0.81	75	0.80	32	0.34	58	3.5	0.25	1.3	0.43	0.09	0.57	0.42	0.59	0.20	0.61	23	21	19	24
42862013	WS King Ten 6314 ET	-0.9	0.16	2.5	0.64	44	0.57	81	0.59	21	0.22	43	1.8	0.15	0.4	0.27	0.00	0.29	0.40	0.32	0.18	0.26	14	13	12	24

## 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 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, 2011
- 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 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

## 2011 National Reference Sire Feedlot and Carcass Testing Program

**Sire Nomination Form**

Ranch Name \_\_\_\_\_ Contact person \_\_\_\_\_

Address \_\_\_\_\_

Phone No. \_\_\_\_\_ E-mail: \_\_\_\_\_

**Test Bull Information:** Name and Registration No. \_\_\_\_\_

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**Benefits of Test Sires:**

1. Obtaining high accuracy carcass EPDs.
2. Obtaining performance data compared to other sires tested in herd contemporaries
3. Opportunity to market semen as a reference sire in the National Reference Sire Feedlot and Carcass Testing Program, after nominated and selected
4. Opportunity to test sires next to the top Hereford genetics in the breed

Send application by March 1, 2011 to:

American Hereford Association  
 Jack Ward  
 P.O. Box 014059 • Kansas City, MO 64101-0059  
 816-842-3757 • jward@hereford.org