

Simplot NRSP Results Announced



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Below are the National Reference Sire Program (NRSP) results from 2015-born calves at Simplot Livestock Co. in Grand View, Idaho. Simplot has been a part of the NRSP since 2011.

Simplot's breeding philosophy places a strong emphasis on Calving Ease (CE), while keeping down pressure on milk and mature cow weight but allowing for gain and end-product merit. Hereford genetics have allowed it to accomplish this goal. Likewise, Simplot uses Angus as a complement in its maternal cross while utilizing Charolais as its terminal breed to complete its rotational scheme.

Simplot collects all measurements from birth to

harvest on test progeny, which includes a test period through its feed-intake unit. Also, Simplot collects a calving ease and calf vigor score on all calves born. I commend Simplot for recording these two critical measurements.

Printed in Table 1 are expected progeny differences (EPDs) for sires used along with the phenotypes of progeny evaluated in test. The sires and subsequent progeny are listed in two separate tables. The first table lists the sires that were used on heifers (Jack Ranch Calves).

In this list you will find two high-accuracy Angus bulls that were used by Simplot to make comparisons. It's important to note that this is a randomized test where

Hereford sires are mated to predominantly black females and Angus sires are mated to baldies — thus accounting for most of the hybrid vigor effect on both sets of heifers.

Table 2 lists the sires that were used on the mature cows (New R_D Ranch Calves). Data were not compared between the two ranches as the groups were managed in different environments at the respective ranches. Data presented in both tables are raw data that have not been adjusted for age of calf or age of dam.

The EPD profiles of the sires used reflect progeny phenotypes from the Simplot test and are from the most recent Pan-American Cattle Evaluation (PACE) released on Oct. 15. **HW**

Table 1: EPDs of bulls used at Simplot 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	UDDR EPD	UDDR ACC	TEAT EPD	TEAT ACC	SC EPD	SC ACC	CWT EPD	CWT ACC	FAT EPD	FAT ACC	REA EPD	REA ACC	MARB EPD	MARB ACC	BMI	CEZ	BI	CHB
UPS Domino 3027	10.2	0.73	-1	0.94	48	0.92	78	0.92	37	0.88	61	7.3	0.68	67	0.87	1.43	0.89	1.49	0.88	1.2	0.86	61	0.85	0.011	0.81	0.42	0.82	0.43	0.81	27	26	21	33
SCHU-LAR Red Bull 18X	8.5	0.38	-0.2	0.83	57	0.76	96	0.76	20	0.31	49	-0.4	0.32	105	0.54	1.05	0.43	0.92	0.42	0.8	0.64	77	0.59	-0.008	0.58	0.41	0.59	-0.03	0.6	19	20	13	29
EFBEEF TFL U208 Tested X651 ET	7.1	0.43	-1.2	0.86	65	0.79	95	0.79	20	0.4	53	3.6	0.34	83	0.52	1.53	0.51	1.5	0.49	1.1	0.62	71	0.61	0.018	0.58	0.86	0.59	0.69	0.6	33	23	26	46
GV CMR Ideal 424 X2096	6	0.42	-1.4	0.79	51	0.67	65	0.66	24	0.28	50	1.6	0.32	37	0.5	1.28	0.28	1.34	0.27	0.6	0.28	53	0.5	0.054	0.46	0.29	0.48	0.04	0.47	17	19	13	20
KCF Bennett 3027 Z74 ET	8.7	0.34	-1.9	0.54	50	0.46	83	0.49	33	0.26	58	6	0.31	72	0.39	1.4	P	1.43	P	1.1	0.3	63	0.39	0.011	0.39	0.18	0.4	0.35	0.4	24	24	18	31
TFL X651 Tested A004	7.1	0.32	0	0.6	57	0.51	97	0.53	15	0.19	44	3.5	0.26	82	0.4	1.52	P	1.47	P	1.7	0.33	68	0.42	0.024	0.4	0.48	0.41	0.78	0.42	38	24	33	44
Riverbend Peerless 0016	15	0.74	-1.8	0.85	55	0.8	90	0.74	19	0.51	NA	16	0.42	NA	NA	NA	NA	NA	NA	0	0.79	36	0.38	0.017	0.43	0.36	0.48	1.06	0.43	NA	NA	NA	\$B 137
B3R Pioneer Wave Y409	11	0.63	0.2	0.75	55	0.65	102	0.52	20	0.25	NA	10	0.19	NA	NA	NA	NA	NA	NA	1.0	0.58	49	0.49	0.065	0.49	1.52	0.53	1.03	0.54	NA	NA	NA	\$B 153
EPHR Stock Broker 444Z	7.2	0.32	0.3	0.7	59	0.58	94	0.59	25	0.23	55	1.1	0.28	89	0.42	1.18	P	1.17	P	1.1	0.46	67	0.46	0.02	0.41	0.39	0.42	-0.04	0.41	20	20	15	27
RJ 1056 Harland 908	5.4	0.32	2.5	0.76	79	0.64	118	0.56	26	0.35	65	2.4	0.26	93	0.41	1.02	0.22	1.04	0.23	1.4	0.18	88	0.41	0.048	0.3	0.6	0.36	0.1	0.34	24	19	17	37
Walker Anchor X51 7115 322	2.1	0.33	1	0.62	60	0.5	92	0.51	26	0.22	56	2.5	0.27	94	0.4	1.37	P	1.45	P	1.2	0.33	72	0.4	0.009	0.37	0.77	0.39	0.45	0.4	27	18	23	38

Table 2: 2015-born calves at Simplot Ranch

SireName	Reg. No.	No. head	BW ratio	CE score	Vigor score	WW ratio	No. head	DMI	DMI ratio	No. harvested	HCW	HCW ratio	REA	REA ratio	BF	BF ratio	YG	YG ratio	MB	MB ratio
Jack Ranch calves																				
UPS Domino 3027	AHA 42426386	7	105	1	1	99	5	23.4	98	7	827	98	12.4	97	0.53	86	3.5	98	MT 00	103
SCHU-LAR Red Bull 18X	AHA 43084009	18	96	1	1.24	103	12	22.7	95	13	865	103	13.1	102	0.55	90	3.5	98	SM 20	86
EFBEEF TFL U208 Tested	AHA 43091736	11	103	1	1	102	7	25.0	105	9	838	100	13.3	104	0.63	103	3.5	98	SM 90	101
GV CMR Ideal 424 X2096	AHA 43123362	21	99	1	1.3	98	12	21.4	90	14	819	97	12.7	99	0.61	100	3.6	100	SM 00	83
KCF Bennett 3027 Z74 ET	AHA 43282764	11	99	1	1	100	6	24.2	102	8	818	97	11.7	91	0.65	106	4.0	111	SM 50	93
TFL X651 Tested A004	AHA 43361462	13	104	1	1.08	98	8	26.0	109	12	825	98	12.4	97	0.58	96	3.6	100	MT 20	108
Riverbend Peerless 0016	AAA 16651533	13	98	1	1.17	104	3	24.6	103	8	836	99	12.4	96	0.59	97	3.7	103	SM 90	101
B3R Pioneer Wave Y409	AAA 17217486	27	101	1	1	98	14	24.7	104	16	873	104	13.5	105	0.69	112	3.7	103	MT 80	121
New R_D Ranch calves																				
EPHR Stock Broker 444Z	AHA 43287839	10	100	1	1	100	5	23.1	104	6	898	101	12.5	102	0.61	102	4.0	101	SL 70	91
RJ 1056 Harland 908	AHA 43008856	12	101	1	1	101	6	22.9	103	9	897	101	12.0	98	0.66	110	4.2	108	SL 90	95
Walker Anchor X51 7115 322	AHA 43373477	20	100	1	1	100	11	21.3	96	14	880	99	12.5	102	0.55	92	3.7	96	SM 40	108