

True to Form



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NRSP test herd Simplot Livestock Co. releases 2019-born calf-crop results.

Wow! After the cold blast we endured in early February, green pastures cannot get here quickly enough. Despite the challenges, exceptional sale reports prove Hereford bull demand is strong.

Simplot Livestock Co., Grand View, Idaho, collects complete phenotypes from birth to harvest for the National Reference Sire Program (NRSP).

Table 1 reports the performance ratios of the sires of all 2019-born calves.

Heifers were managed differently than the cows, resulting in two contemporary groups. For simplicity, a single ratio is reported that takes both contemporary groups into account.

Table 2 summarizes the feedlot performance and carcass phenotypes of the respective sire groups.

Table 3 displays the expected progeny differences (EPDs) of the tested sires.

All in all, these sires delivered a tremendous product, with their calf crop grading 90% Choice and 62% upper two-thirds Choice. These cattle were on feed longer than desirable, but true to Hereford form, all converted at slightly below a 6:1 feed to gain (F:G) ratio. **HW**

Table 1: Performance ratios

Sire name	Reg. no.	No. head	BW ratio	WW ratio	YW ratio
Churchill Nightcap 7256E	43802046	14	99	103	104
Gerber Anodyne 001A	43408924	40	102	102	101
KCF Bennett Sensation B711 ET	43595078	25	99	100	98
MCR Flint Hills 10Y 5100 ET	43744216	32	102	97	98
UPS Domino 3027	42426386	22	96	100	100

Table 2: Performance and carcass results for Simplot's 2019-born steer calves

Sire name	Reg. no.	Head	HCW	HCW ratio	MARB	MARB ratio	REA	REA ratio	BF	BF ratio	YG	YG ratio	ADG	ADG ratio	DMI	DMI ratio	F:G
Bulls used on cows																	
Churchill Nightcap 7256E	43802046	3	936	95	481	97	15.6	100	0.90	104	3.8	98	3.77	97	23.3	101	6.2
Gerber Anodyne 001A	43408924	28	1,002	102	502	101	16.0	103	0.80	94	3.7	96	3.82	98	22.3	97	5.8
KCF Bennett Sensation B711 ET	43595078	3	931	94	486	97	15.0	99	0.96	103	4.1	97	3.82	98	23.0	100	6.0
MCR Flint Hills 10Y 5100 ET	43744216	17	960	98	499	100	15.3	99	0.88	100	4.0	100	3.82	98	22.5	98	5.9
UPS Domino 3027	42426386	5	996	101	550	110	14.3	92	1.05	121	4.7	120	4.19	108	22.8	99	5.4
Bulls used on heifers																	
Churchill Nightcap 7256E	43802046	9	919	103	484	94	14.7	99	0.89	135	4.0	120	4.10	107	24.5	108	6.0
KCF Bennett Sensation B711 ET	43595078	13	870	97	501	98	15.2	100	0.53	79	2.8	84	3.71	97	21.3	94	5.7
UPS Domino 3027	42426386	10	872	98	578	113	14.6	99	0.53	79	3.0	86	3.77	99	23.1	102	6.1

Table 3: EPDs for bulls tested at Simplot in 2019 (as of 2/8/2021)

Sire name	Reg. no.	CE EPD	CE ACC	BW EPD	BW ACC	WW EPD	WW ACC	YW EPD	YW ACC	DMI EPD	DMI ACC	SC EPD	SC ACC	SCF EPD	SCF ACC	MM EPD	MM ACC	MG EPD
Churchill Nightcap 7256E	43802046	10.8	0.48	1.2	0.73	51	0.62	99	0.63	0.3	0.31	1.3	0.43	13.0	0.32	28	0.31	53
Gerber Anodyne 001A	43408924	9.4	0.68	0.9	0.91	67	0.86	110	0.85	0.4	0.58	1.0	0.74	11.0	0.51	28	0.67	62
KCF Bennett Sensation B711 ET	43595078	6.9	0.48	0.5	0.70	52	0.61	74	0.63	-0.1	0.35	1.3	0.44	26.8	0.39	37	0.38	63
MCR Flint Hills 10Y 5100 ET	43744216	4.7	0.52	1.4	0.78	47	0.66	85	0.66	0.1	0.37	1.2	0.42	24.5	0.35	36	0.35	59
UPS Domino 3027	42426386	12.0	0.76	-0.8	0.95	46	0.92	76	0.92	0.1	0.72	1.2	0.84	34.3	0.84	37	0.88	60

Sire name	Reg. no.	MCE EPD	MCE ACC	MCW EPD	MCW ACC	UDDER EPD	UDDER ACC	TEAT EPD	TEAT ACC	CWT EPD	CWT ACC	FAT EPD	FAT ACC	REA EPD	REA ACC	MARB EPD	MARB ACC	BMI	BII	CHB	GE-EPDs
Churchill Nightcap 7256E	43802046	12.7	0.35	68	0.36	1.3	0.45	1.2	0.46	75	0.43	0.064	0.40	0.60	0.42	0.23	0.43	315	388	141	
Gerber Anodyne 001A	43408924	9.0	0.66	113	0.69	1.4	0.79	1.5	0.81	91	0.65	-0.016	0.62	0.77	0.64	0.37	0.63	324	418	178	
KCF Bennett Sensation B711 ET	43595078	4.4	0.40	61	0.42	1.6	0.53	1.7	0.54	55	0.46	0.004	0.44	0.79	0.45	0.13	0.46	506	580	106	
MCR Flint Hills 10Y 5100 ET	43744216	2.6	0.41	79	0.41	1.5	0.55	1.4	0.56	75	0.46	0.134	0.44	0.47	0.45	0.29	0.44	483	566	135	
UPS Domino 3027	42426386	7.8	0.81	55	0.85	1.4	0.90	1.5	0.91	68	0.72	0.034	0.70	0.40	0.71	0.47	0.71	631	729	150	