

Hook's Forefront 16J



ASA# 3866470 • PB SM • Homozygous Black • Homozygous Polled

CDI Mainline 265D
Sire: Hook's Frontline 40F
Hook's Carina 15C

Hook's Beacon 56B
Dam: Hook's Evita 18E
Hook's Yuma 49Y

Simmental

- Solid black (no white on underline) purebred standout combining a multitude of high-value phenotypic and genotypic traits.
- Forefront stems from the most prolific Bred for Balance cow family for the generation of top-flight seedstock and stud bulls.
- Maternal value, stayability, udder quality, and hoof integrity come as standard equipment with this pedigree and genetic line.
- One of the most fault-free sire prospects with high genetic merit to emerge from the 2022 spring sale season.



HABR Forefront M470
son of Forefront



HABR Forefront M462
son of Forefront



HABR Forefront M311
son of Forefront

Semen: \$30/unit

Semen available through owners or Allied.

Contact owners for availability and pricing on sexed heifer and bull semen.



www.alliedgeneticresources.com

Trait	CE	BW	WW	YW	ADG	DMI	\$Gain	MCE	Milk	MWW	Stay	DOC	CW	YG	Marb	Fat	REA	Shr	API	TI
EPD	13.1	1.2	85.4	133.4	.3	1.04	.04	9.8	32.8	75.4	19.5	10.6	27.8	-.42	.65	-.079	.94	-.42	173.6	98.3
ACC	.59	.67	.64	.64	.64	.39	.40	.37	.30	.39	.42	.61	.51	.41	.52	.46	.50	.07		
%	30	50	30	25	20	85	50	5	4	10	15	65	55	35	4	50	35	15	5	10

EPD as of 2.19.25



Zac 701-595-6887
Levi 701-720-6652
Ian 701-720-4966



Lucas and Randy Anderson
27458 Co. Rd. 13 • Starbuck, MN
Lucas 320-424-3010
Randy 320-805-0188
www.highlandacrescattle.com



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Rethinking the Role of Weight Ratios

by Lane Giess, PhD, ASA Geneticist

Many bull buyers still rely on weight ratios and adjusted weights as key decision-making tools. For years, these ratios have been a marketing staple, helping benchmark animals based on their performance within a contemporary group. In an industry that often pays by the pound, it's easy to see why top weight ratios are viewed as desirable. But should we continue prioritizing these ratios with the advanced tools now available?

The Strengths of Weight Ratios

Weight ratios provide a quick, straightforward comparison of an animal's performance relative to others in the same group. In the absence of more data, these ratios can give breeders an immediate sense of an animal's physical performance, highlighting those that excel in traits like birth weight, weaning weight, or growth. This can be particularly appealing for short-term production goals.

The Weaknesses of Weight Ratios

However, weight ratios have limitations. They reflect how well an animal performed in a specific environment, not its genetic potential as a parent. An animal's phenotype — its appearance and performance — results from both genetics and environmental factors, such as management practices. An animal with a high weight ratio might simply benefit from superior management, rather than superior genetics. Relying too heavily on weight

ratios can lead to paying more for an animal's management than its true genetic merit.

The Evolution of Genetic Evaluation

Today, breeding tools like Expected Progeny Differences (EPD) offer a clearer picture of an animal's genetic potential. Unlike weight ratios, which focus solely on performance, EPD integrate a range of information — pedigree, performance data, progeny records, and genomic data — offering a much more accurate prediction of how an animal will perform as a parent. Advances in statistical modeling, larger datasets, and genomic innovation have made EPD more reliable and precise than ever.

Moving Beyond Weight Ratios in Bull Selection

The goal for breeders is to improve the next generation. To do this effectively, we must use the best tools available. While weight ratios were useful in the past, they are becoming outdated in the era of precision livestock breeding. Tools like economic selection indexes, which balance all relevant EPD traits, offer a more comprehensive approach for making informed selection decisions that foster long-term genetic progress. ■