



Simmental

- The very popular Lot #1 and top seller of a great set at the 2025 Edge of the West Sale.
- We had more breeder calls and interest in this Global son than any other bull from this sale season.
- True balance in all things. Gorgeous type, structural perfection, wonderful rib shape and more of everything else that you could ask for in a purebred bull.
- Just check out his video when you have a minute. He will definitely make your short list for 2025.



ASA# 4351219 • PB SM • Homozygous Black • Homozygous Polled

WS Proclamation E202
Sire: KBHR Global J138
Bar CK Ms X38 106Z

Hook's Eagle 6E
Dam: SRF Miss 239K
SRF Miss 947G

Semen: \$40/unit

Semen available
through owners or:

ALLIED
GENETIC RESOURCES
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	15.8	-0.5	98.6	155.5	.36	1.48	.05	8.8	27.1	76.3	21.1	15.3	54.2	-.39	.52	-.061	1.32	-.41	181.7	104.8
ACC	.46	.50	.48	.49	.49	.33	.38	.26	.17	.27	.36	.42	.41	.33	.38	.35	.40	.03		
%	10	20	4	4	4	99	40	15	25	5	4	15	3	45	10	65	2	20	3	2

EPD as of 3.6.25

SRF SIMMENTALS

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Small Livestock

Murphy Ranch

Payton Pavlenko

GENEX

888-333-1783
www.genex.coop

ALL
Beef

Marty Ropp
406-581-7835

Unlocking the Power of EPD and Selection Indexes for Commercial Operations

by Jackie Atkins, PhD, Director of Science and IGS Operations

Gone are the days when commercial producers lacked access to tools like EPD (Expected Progeny Differences) and selection indexes for genetic selection decisions. Today, these tools are invaluable for making rapid genetic progress and improving traits in livestock.

To drive genetic improvement, the most effective strategy is to use the most accurate genetic prediction available for each trait of interest. If an EPD exists for a particular trait, it is the most reliable indicator of genetic potential for that trait. Comparatively, other methods like an animal's phenotype, adjusted phenotype, or ratio are far less accurate because they are influenced by non-heritable factors, which cannot be passed on to future generations.

Selection indexes, on the other hand, offer a powerful advantage. A well-designed index integrates multiple traits that influence profitability, ensuring a balanced approach to selection. While EPD are essential for improving individual traits, selection indexes help commercial producers select animals that will generate profitable progeny by balancing traits like growth, mature size, and stayability.

For commercial producers, the key question becomes: "Are EPD and selection indexes available on your selection candidates?" If the answer is yes, these tools should

be utilized to guide purchasing decisions. When choosing bulls or semen, it's important to review the EPD for the traits to be improved and use the selection indexes to ensure a balanced approach for optimal profitability. A useful tip for purchasing young sires is to prioritize those with genomically enhanced EPD. This adds even more accuracy to the genetic predictions, enabling faster genetic progress.

When selecting replacement females, it's often less common to have EPD and selection indexes on individual heifers. However, there are still several options to consider. If the sire of a heifer has known EPD and selection indexes, keeping daughters from these sires with ideal genetic merit is a sound strategy. Additionally, commercial genomic tests are available to assess the genetic merit of replacement heifers in traits of interest.

For data-driven commercial operations, these genetic evaluations, especially when combined with genomics, provide a level of accuracy in selecting replacement heifers that surpasses traditional methods. With genomics, decisions can be based on data comparable to knowing the performance of over 20 progeny, offering the potential to select replacement females with a "lifetime" of genetic data behind the decision. ■