



Traits	Approx. Emphasis
Residual feed intake	-42
Post-wean ADG	+20
Hot carcass weight	+16
Carcass grade fat	+13
Lean meat yield	+7
Marbling	+2

Economic weightings based on net income

Customize the FPI to Your Herd:

- Improve **profitability** through **increased carcass value**
- Select **superior sires/dams** based on the FPI
- Increase **net returns** of **future progeny**.
- Free consultation and financial assistance are available.

Livestock Gentec

- The largest Western Canadian reference population for crossbred beef cattle
- Genomic tools designed for commercial cattle in Canada
- Tools are validated and demonstrated on commercial farms in Alberta

\$15 Gets You Started

Save 33% on your genotyping with help from Gentec's funding partners.

You Receive:

Parentage

Breed Composition

Hybrid Vigour Score

FPI Values

RHPI Values

Funding Support Provide by:



Agriculture and Agri-Food Canada

Agriculture et Agroalimentaire Canada



Feeder Profit Index (FPI)

Select for Profitable Commercial Feeder Cattle

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A tool to improve the **feed efficiency, growth, and carcass value** of feeder progeny, validated with real-world growth and carcass data

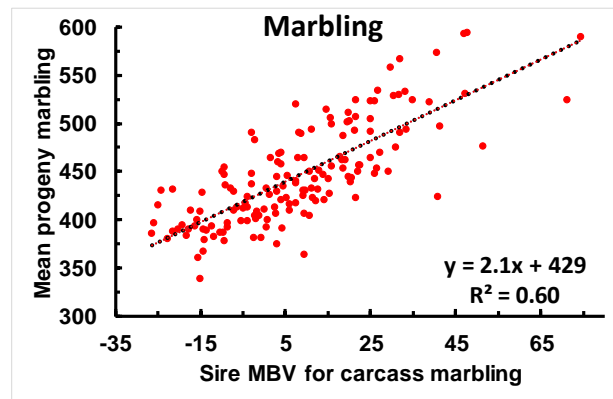
Developed on commercial cattle in Western Canada

Efficient, Profitable and Sustainable

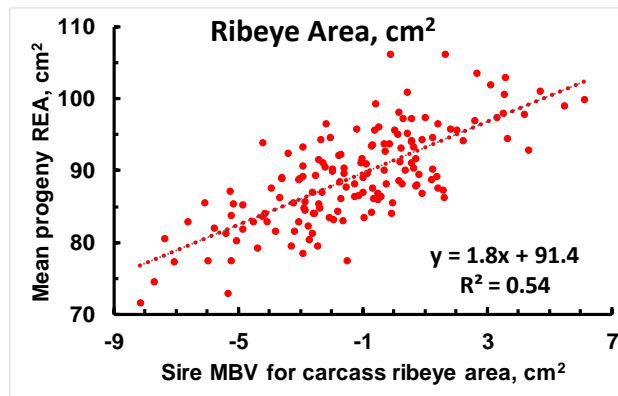
The Feeder Profit Index (FPI):

- Increases the rate of genetic improvement for multiple traits at the same time
- Can be customized to specific production and marketing systems
- Allows for more control over your herd genetics

Validated Results



*Each point is the average of 3 to 40 progeny (mean=15 progeny per sire, 152 sires, 2268 progeny)

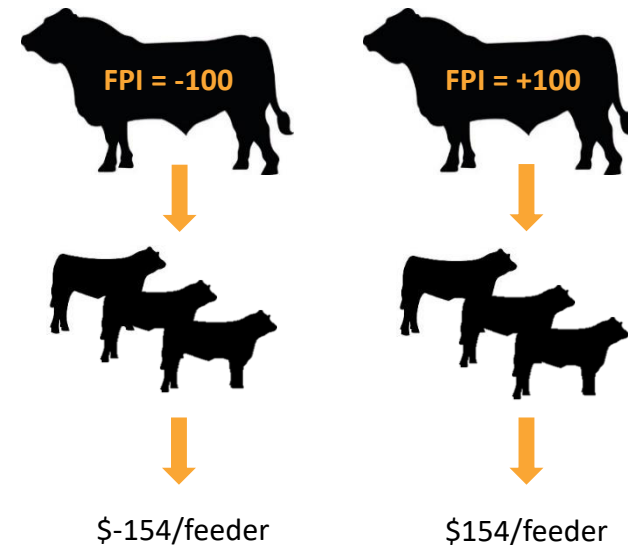


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The FPI is a strong indicator of actual carcass quality and is continually improving.

The FPI is a DNA based test providing a simple way to select superior animals for your herd

On average, each **100 units** change in sire FPI results in increased profit of **\$154 per feeder**



Difference = \$308 in net income per feeder