

## A Selection Index for Commercial Feeder Cattle

Achieve your **efficiency, profitability & sustainability** targets sooner

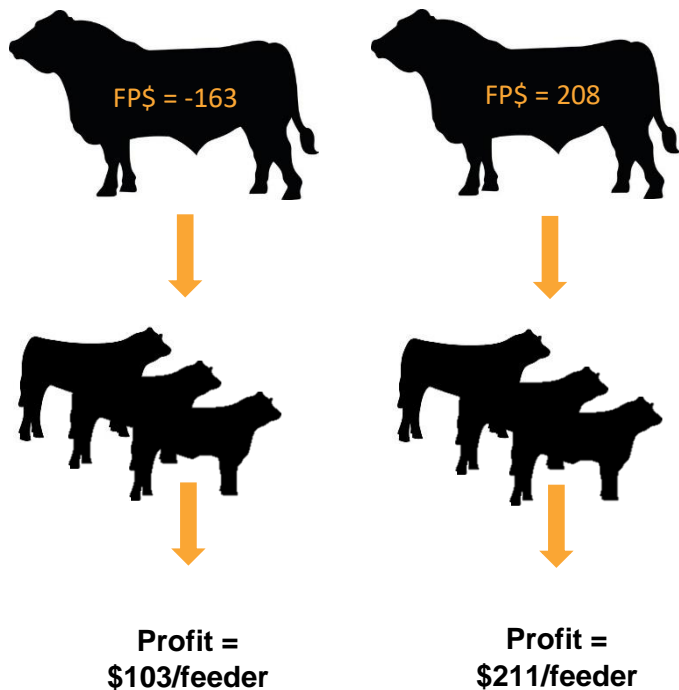
Built and proven on commercial cattle in western Canada

Livestock Gentec's selection indexes:

- Increase the rate of genetic improvement for multiple traits at the same time
- Are customized and adapted to your targets
- Put you in control of developing your herd

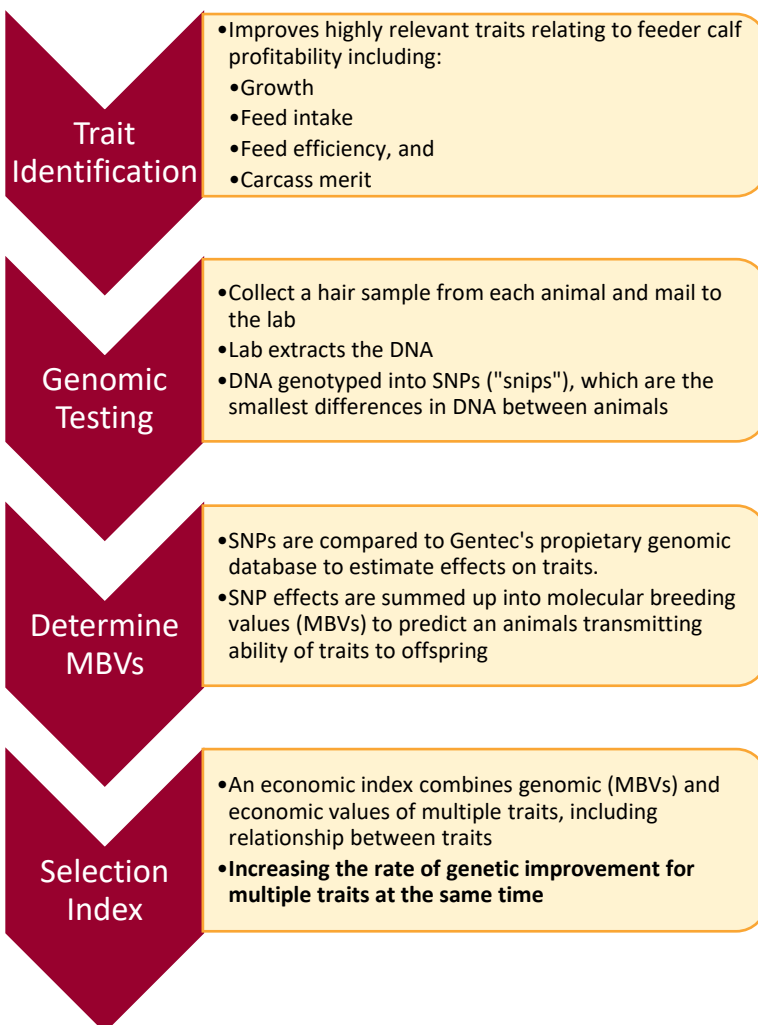


A tool to improve feed efficiency, growth, carcass value and net return in feeder progeny



On average, each 100 unit change in sire FPI resulted in increased profit of \$29 per feeder

### From Trait to Index





- Improved profitability delivered through increased carcass value
- Greater than 500 points in FPI between 124 sires used to produce crossbred progeny
  - opportunity to improve feeder profit
- Cost to genotype a young sire commercially is \$45
  - Net gain for increased FPI (100 units) is \$580/year for 20 feeders produced!

**Traits included in the FPI**

Trait	Approximate Emphasis
Post-wean ADG	5
Feed intake	3
Metabolic mid-weight	2
Residual feed intake	2
Carcass Merit	1

**Ask us about a free consult on an index specifically calibrated to your target outcomes**

**Customized to meet your goals**

FPI can be customized to your desired outcomes.

- Tailored to meet the needs of the target market (i.e. lean vs. marbling). A primary goal could be to increase AAA cut-out yields by:
  - Optimizing back and seam fat and
  - Increasing lean meat yield

**FPI can increase the profit and carcass value of feeders by selecting superior sires and/or cows**

**Continuous Improvement in Genomic Tools**

**Delivering Industry Value**

Livestock Gentec is working to improve your herd and create value for the beef industry by:

- validating and refining a replacement heifer \$ index to improve calf crop %
- validating DNA pooling to drive down the cost of genomic testing
- improving the accuracy of MBVs for hard to measure traits like feed efficiency, carcass quality and fertility traits

**The Beef Industry Needs YOU!**

**Gentec can Help!**

Using genomic tools to create value for the beef industry requires innovative farms to lead the way.

- We are looking for young sires and replacement heifers for genomic testing



**Genotyping only \$15 per test (vs. \$45) for a limited time!**

**Ask us how we can help you reach your goals faster**