

IMPROVER BULLS

It pays off!

TRAITS ASSESSED	WHY USE IMPROVER BULLS ?	CASH BACK \$\$\$
Birth weight / Calving ease	Easier calving	↘ Mortality ↗ Income
Weight gain - birth to weaning	Heavier calves for sale	↗ Income
	Faster target weights	↘ Production costs
Maternal milk	Heavier calves for sale	↗ Income
	Faster target weights	↘ Production costs
Frame score / Hip height	Better control of size / Cow weight	↘ Feeding costs
Feet and leg quality	↗ Longevity	↘ Production costs
Postweaning gain	Target steer weight reached more quickly	↘ Production costs
Rib eye area / Back fat	↗ Lean meat yield of steers	↗ Income
Marbling	↗ % of AAA and Prime carcasses	↗ Income

IT PAYS OFF... BECAUSE USING IMPROVER BULLS PROVIDES BENEFITS FOR COW-CALF HERDS, FEEDLOTS AND SLAUGHTERHOUSES !

Estimate of the additional income generated by using improver bulls for weight gain from birth to weaning.

Number of cows bred per bull	30
% of weaned calves per cow bred ¹	85%
Number of calves weaned	26
Average male price in 2023 (\$/pound) ²	\$3.24
Average female price in 2023 (\$/pound) ²	\$2.71
Average price of both sexes in 2023 (\$/pound)	\$2.98
ASRA net compensation (\$/pound) ³	\$0.38

Weight gain - birth to weaning EPD ⁴	
Sire A in top 10 % percentile rank	12.5 pounds
Sire B in 75 % percentile rank	- 6.0 pounds
Extra weight of calves originating from sire A compared to those from sire B	18.5 pounds / weaned calf
Additional annual income if sire A is used	\$1,583 / year
Additional income if bull A is used 4 years	\$6,331 for 4 years

References : ¹ PATBQ, Changes in provincial averages; ² PBQ Website; ³ FADQ, final for 2023 Cow Calves product; ⁴ AgSights/PATBQ Actual distribution of EPD for the breeds average

Created : CDPQ, March 27th, 2025

