

IMPROVER BULLS

It pays off!



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

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

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	86%
Number of calves weaned	26
Average male price in 2021 (\$/pound) ²	\$2.12
Average female price in 2021 (\$/pound) ²	\$1.78
Average price of both sexes in 2021 (\$/pound)	\$1.95
ASRA net compensation (\$/pound) ³	\$0.67

Weight gain - birth to weaning EPD ⁴	
Sire A in top 10 % percentile rank	12.5 pounds
Sire B in 75 % percentile rank	- 6.2 pounds
Extra weight of calves originating from sire A compared to those from sire B	18,7 pounds / weaned calf
Additional annual income if sire A is used	\$1,264 / year
Additional income if bull A is used 4 years	\$5,056 for 4 years

References : ¹ PATBQ, Changes in provincial averages; ² PBQ Website; ³ FADQ, final for 2021 Cow Calves product; ⁴ AgSights/PATBQ Actual distribution of EPD for the breeds average

Created : CDPQ, March 3th, 2023

