

QC-5 Future Farm Summary

Raise Replacement Heifers	
Description	Move from purchasing bred heifers to raise replacement heifers on farm.
Assumptions	<ul style="list-style-type: none"> Number of purchased heifers change from 7 to 0 Percent of female calves sold as weaners change from 100% to 70% Heifer open rate at 10%, retained 8, keep 7, cull one open Cull heifer prices \$156/cwt Keep bull numbers steady with baseline at 3 head, cow: bull ratio up slightly from 20 to 22:1 Feed requirement increased, short of 11 tonnes of hay, purchased at \$183/tonne (2017-21 avg) Preg check cost \$0.7/cow (\$5/head on 8 heifers, average on 60 cows) Heifer managed with the cow herd, no extra labour cost added
Trade-Off Considerations	<ul style="list-style-type: none"> Need more resource (feed, land, labour etc.) when raising replacement heifers than buying Need more time to expand herd or change breeding program compared to buying replacement heifers
5-year average vs. baseline year*	
Estimated Change at Whole Farm Level (\$/year)	
Net Income	+\$4,991
Net Cash Farm Income	+\$4,980
Estimated Change at Cow-calf Enterprise (\$/cow)	
Short-term Profits	+\$83
Medium-term Profits	+\$83
Long-term Profits	+\$127

* Changes in profitability come from the practice change as well as debt servicing
 Detailed reports available upon request. Email: info@canfax.ca

