

BC-1 Future Farm Summary

	Shorten Winter Feeding Period	Wheat Straw
Description	<ul style="list-style-type: none"> Extend grazing season through rotational grazing 	<ul style="list-style-type: none"> Adjusted winter ration to replace a portion of hay with wheat straw and sell surplus hay production
Assumptions	<ul style="list-style-type: none"> Invest \$8,900 in a portable electric fencing system in the first year Fencing system depreciate by 5% per year Improve stocking rate by 10% from 24 AUs/ac to 26 AUs/ac Shorten full winter feed days by 13% from 163 days (includes full days plus supplemented days adjusted) to 142 days Add 70 unpaid family labour hours from a shorter winter feeding period (assumes additional 3 hours/week required for grazing management, partially offset by reduced labour hours (1.5 hour per day) Calf weaning weights are unaffected by grazing method Additional revenue from selling surplus hay 	<ul style="list-style-type: none"> Add 10 lbs of wheat straw to cow ration Reduce hay in ration by 40% Sell surplus hay production Add \$50 cost for feed tests each year Additional revenue from selling surplus hay
Trade-Off Considerations	<ul style="list-style-type: none"> Additional labour for rotational grazing Upfront capital or equity position required to invest in new fencing system Additional fencing and labour costs on a per head basis are affected by herd size Stocking rate improvements vary by location, weather and previous grazing management 	<ul style="list-style-type: none"> In general, wheat straw is cheaper than hay, accessible and commonly used, but accessibility and prices may vary by location and supply year to year
5-year average vs. baseline year*		
Estimated Change at Whole Farm Level (\$/year)		
Net Income	+\$2,040	+\$4,213**
Net Cash Farm Income	+\$2,484	+\$4,212
Estimated Change at Cow-calf Enterprise (\$/cow)		
Short-term Profits	-\$1	-\$54
Medium-term Profits	-\$7	-\$54
Long-term Profits	+\$13	+\$21

* Changes in profitability come from the practice change as well as debt servicing

** Partly driven by additional revenue in the cash crop enterprise from selling surplus hay

Detailed reports available upon request. Email: info@canfax.ca

