

QC-1 Future Farm Summary

	Share Machinery	Shorten Winter Feeding Period
Description	Reduce overhead costs by sharing with neighbours	Extend grazing season through rotational grazing
Assumptions	<ul style="list-style-type: none"> Reduce machinery value by 20% Reduce machinery maintenance cost by 20% 	<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 291 AU/ac to 321 AU/ac Shorten full winter feed days by 8% from 200 days to 183 days Add 13 unpaid family labour hours (change from moving every 2 weeks to moving every week, 13 more weeks of moving, 3hr/wk. partially offset by reduced labour hours (1.5 hour per day) from a shorter winter feeding period) Calf weaning weights are unaffected by grazing method
Trade-Off Considerations	<ul style="list-style-type: none"> May have to wait for machinery use during haying season, possibly affect hay quality 	<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
5-year average vs. baseline year*		
Estimated Change at Whole Farm Level (\$/year)		
Net Income	+\$8,708	-\$1,224
Net Cash Farm Income	+\$3,374	-\$363
Estimated Change at Cow-calf Enterprise (\$/cow)		
Short-term Profits	+\$12	+\$7
Medium-term Profits	+\$29	+\$5
Long-term Profits	+\$48	+\$27

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

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