AB-13 Future Farm Summary

	Rotational Grazing, Reduce Winter Feed	Rotational Grazing, Reduce Winter Feed, OFCAF	Rotational Grazing, Reduce Winter Feed, OFCAF, Increased Weaning Weight
Description	Extend grazing season through rotational grazing, reduce winter feeding costs.	Extend grazing season through rotational grazing with cost-share with the On-farm Climate Action Fund and reduce winter feed costs.	Extend grazing season through rotational grazing with cost-share with the On-farm Climate Action Fund and reduce winter feed costs. Increase weaning weight through adding an off-source watering system.
Assumptions	• Invest $13,000 in a portable electric fencing system in the first year • Invest $16,546 in a solar-powered pump and shallow pipeline watering system with existing water source • Watering system maintenance cost at $100/year • Improve stocking rate by 10% • Winter feeding days reduce by 12 days from 242 to 239 days • Add 40 unpaid family labour hours (additional labour for rotational grazing, partly offset by reduced labour required for winter feed) • Fuel cost for winter feeding reduce by $335 per year • Assume off-source water access before adding water pipelines • Calf weaning weights are unaffected by grazing method • Surplus forage production stock up for carry-over	• Invest $13,000 in a portable electric fencing system in the first year • Invest $16,546 in a solar-powered pump and shallow pipeline watering system with existing water source • Watering system maintenance cost at $100/year • Improve stocking rate by 10% • Winter feeding days reduce by 12 days from 242 to 239 days • Add 40 unpaid family labour hours (additional labour for rotational grazing, partly offset by reduced labour required for winter feed) • Fuel cost for winter feeding reduce by $335 per year • Assume cattle had off-source water access before adding water pipelines • Calf weaning weights are unaffected by grazing method • Surplus forage production stock up for carry-over • $25,114 funding from OFCAF (85% reimbursement of eligible cash expenditures, maximum grant payment is $75,000)*	• Invest $13,000 in a portable electric fencing system in the first year • Invest $16,546 in a solar-powered pump and shallow pipeline watering system with existing water source • $25,114 funding from OFCAF (85% reimbursement of eligible cash expenditures, maximum grant payment is $75,000)* • Watering system maintenance cost at $100/year • Improve stocking rate by 10% • Winter feeding days reduce by 12 days from 242 to 239 days • Add 40 unpaid family labour hours (additional labour for rotational grazing, partly offset by reduced labour required for winter feed) • Fuel cost for winter feeding reduce by $335 per year • Surplus forage production stock up for carry-over • Assume cattle had direct water access before adding water pipelines • Additional average daily gain of 0.1 lb per calf • Average weaning weights up 19 lbs • Price slides due to heavier weaning weights are -$1.7/cwt for heifers, and -$3.6/cwt for steers (Based on AB price slides from 5-600lb to 6-700lb categories, adjusted by additional weight gain)

*Assumption only. Actual costs may vary from project to project, depending on individual circumstances. More detailed information will be required in the actual application process to accurately determine eligibility. https://rdar.ca/ofcaf/

	Rotational Grazing, Reduce Winter Feed	Rotational Grazing, Reduce Winter Feed, OFCAF	Rotational Grazing, Reduce Winter Feed, OFCAF, Increased Weaning Weight
Trade-Off Considerations	• Additional labour for rotational grazing • Upfront capital or equity position required to invest in new fencing and watering system • $/head cost decreases with increasing herd size • Stocking rate improvements vary by location, weather, soil type, age of stand, previous grazing management, etc. • Infrastructure restrictions on rented land	• Additional labour for rotational grazing • Upfront capital or equity position required to invest in new fencing and watering system • $/head cost decreases with increasing herd size • Stocking rate improvements vary by location, weather, soil type, age of stand, previous grazing management, etc. • Infrastructure restrictions on rented land	• Additional labour for rotational grazing • Upfront capital or equity position required to invest in new fencing and watering system • $/head cost decreases with increasing herd size • Stocking rate improvements vary by location, weather, soil type, age of stand, previous grazing management, etc. • Infrastructure restrictions on rented land • Cattle price per lb may decrease due to price slide on heavier sell weight
	5-year average vs. baseline year*		
Estimated Change at Whole Farm Level ($/year)			
Net Income	-$4,503	+$3,015	+$6,358
Net Cash Farm Income	-$4,503	+$3,015	+$6,358
Estimated Change at Cow-calf Enterprise ($/cow)			
Short-term Profits	-$13	+$35	+$56
Medium-term Profits	-$13	+$35	+$56
Long-term Profits	-$7	+$35	+$54

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

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

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