

## AB-11 Future Farm Summary

	Rotational Grazing, Reduce Winter Feed	Rotational Grazing, Reduce Winter Feed, OFCAF	Rotational Grazing, Reduce Winter, OFCAF, Increased Weaning Weight
<b>Description</b>	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.
<b>Assumptions</b>	<ul style="list-style-type: none"> <li>• Invest \$13,000 in a portable electric fencing system in the first year</li> <li>• Assume cattle had off-source water access before adding water pipelines</li> <li>• Invest \$32,200 in a solar-powered pump and shallow pipeline watering system with existing water source</li> <li>• Watering system maintenance cost at \$100/year</li> <li>• Improve stocking rate by 10%</li> <li>• Shorten full winter feed days by 15 days</li> <li>• Add 50 total unpaid family labour hours</li> <li>• Fuel cost for winter feeding reduce by \$522 per year</li> <li>• Assume off-source water access before adding water pipelines</li> <li>• Calf weaning weights are unaffected by grazing method</li> <li>• Surplus forage production stock up for carry-over</li> </ul>	<ul style="list-style-type: none"> <li>• Invest \$13,000 in a portable electric fencing system in the first year</li> <li>• Invest \$32,200 in a solar-powered pump and shallow pipeline watering system with existing water source</li> <li>• Watering system maintenance cost at \$100/year</li> <li>• 85% cost-shared with On-farm Climate Action Fund (OFCAF) within maximum limits*</li> <li>• Improve stocking rate by 10%</li> <li>• Shorten full winter feed days by 15 days</li> <li>• Add 50 total unpaid family labour hours</li> <li>• Fuel cost for winter feeding reduce by \$522 per year</li> <li>• Assume off-source water access before adding water pipelines</li> <li>• Calf weaning weights are unaffected by grazing method</li> <li>• Surplus forage production stock up for carry-over</li> </ul> <p><b>*Assumption only. Actual application must meet <a href="#">program requirements</a>.</b></p>	<ul style="list-style-type: none"> <li>• Invest \$13,000 in a portable electric fencing system in the first year</li> <li>• Invest \$32,200 in a solar-powered pump and shallow pipeline watering system with existing water source</li> <li>• Watering system maintenance cost at \$100/year</li> <li>• 85% cost-shared with On-farm Climate Action Fund (OFCAF) within maximum limits*</li> <li>• Improve stocking rate by 10%</li> <li>• Shorten full winter feed days by 15 days</li> <li>• Add 50 total unpaid family labour hours</li> <li>• Fuel cost for winter feeding reduce by \$522 per year</li> <li>• Assume direct water access before adding water pipelines</li> <li>• Additional average daily gain of 0.1 lb per calf</li> <li>• Heifer weaning weight up from 552 to 573 lbs, steer weaning weight up from 585 to 605 lb</li> <li>• Surplus forage production stock up for carry-over</li> </ul> <p><b>*Assumption only. Actual application must meet <a href="#">program requirements</a>.</b></p>



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<b>Trade-Off Considerations</b>	<ul style="list-style-type: none"> <li>• Additional labour for rotational grazing</li> <li>• Upfront capital or equity position required to invest in new fencing system</li> <li>• \$/head cost decreases with increasing herd size</li> <li>• Stocking rate improvements vary by location and weather</li> <li>• Infrastructure restrictions on rented land</li> </ul>	<ul style="list-style-type: none"> <li>• Additional labour for rotational grazing</li> <li>• Upfront capital or equity position required to invest in new fencing and watering system</li> <li>• \$/head cost decreases with increasing herd size</li> <li>• Stocking rate improvements vary by location, weather, soil type, age of stand, previous grazing management etc.</li> <li>• Infrastructure restrictions on rented land</li> </ul>	<ul style="list-style-type: none"> <li>• Additional labour for rotational grazing</li> <li>• Upfront capital or equity position required to invest in new fencing system</li> <li>• \$/head cost decreases with increasing herd size</li> <li>• Stocking rate improvements vary by location, weather, soil type, age of stand, previous grazing management, etc.</li> <li>• Infrastructure restrictions on rented land</li> <li>• Cattle price per lb may decrease due to price slide on heavier sale weight</li> </ul>
<b>5-year average vs. baseline year**</b>			
<b>Estimated Change at Whole Farm Level (\$/year)</b>			
Net Income	-\$4,430	+\$1,820	+\$2,837
Net Cash Farm Income	+\$4,430	+\$1,820	+\$2,837
<b>Estimated Change at Cow-calf Enterprise (\$/cow)</b>			
Short-term Profits	-\$32	+\$10	+\$8*
Medium-term Profits	-\$32	+\$10	+\$10
Long-term Profits	-\$25	+\$14	+\$15



## AB-11 Future Farm Summary

	Rotational Grazing, Reduce Rented Pasture	Rotational Grazing, Reduce Rented Pasture, OFCAF	Rotational Grazing, Reduce Rented Pasture , OFCAF, Increased Weaning Weight
<b>Description</b>	Increase weaning weight through adding an off-source watering system, using existing water source.	Increase weaning weight through adding an off-source watering system. Need a new well.	Increase weaning weight through adding an off-source watering system. Need a new well. Cost shared with the Water Program of the Canadian Agricultural Partnership.
<b>Assumptions</b>	<ul style="list-style-type: none"> <li>• Invest \$13,000 in a portable electric fencing system in the first year</li> <li>• Assume cattle had off-source water access before adding water pipelines</li> <li>• Invest \$32,200 in a solar-powered pump and shallow pipeline watering system with existing water source</li> <li>• Watering system maintenance cost at \$100/year</li> <li>• Improve stocking rate by 10%</li> <li>• Winter feeding days steady with baseline</li> <li>• Reduce rented pasture by 169 acres</li> <li>• Add 50 total unpaid family labour hours</li> <li>• Fuel cost for winter feeding reduce by \$522 per year</li> <li>• Calf weaning weights are unaffected by grazing method</li> <li>• Surplus forage production stock up for carry-over</li> </ul>	<ul style="list-style-type: none"> <li>• Invest \$13,000 in a portable electric fencing system in the first year</li> <li>• Assume cattle had off-source water access before adding water pipelines</li> <li>• Invest \$32,200 in a solar-powered pump and shallow pipeline watering system with existing water source</li> <li>• Watering system maintenance cost at \$100/year</li> <li>• 85% cost-shared with On-farm Climate Action Fund (OFCAF) within maximum limits*</li> <li>• Improve stocking rate by 10%</li> <li>• Winter feeding days steady with baseline</li> <li>• Reduce rented pasture by 169 acres</li> <li>• Add 50 total unpaid family labour hours</li> <li>• Fuel cost for winter feeding reduce by \$522 per year</li> <li>• Assume off-source water access before adding water pipelines</li> <li>• Calf weaning weights are unaffected by grazing method</li> <li>• Surplus forage production stock up for carry-over</li> </ul> <p><b>*Assumption only. Actual application must meet <a href="#">program requirements</a>.</b></p>	<ul style="list-style-type: none"> <li>• Invest \$13,000 in a portable electric fencing system in the first year</li> <li>• Assume cattle had direct water access before adding water pipelines</li> <li>• Invest \$32,200 in a solar-powered pump and shallow pipeline watering system with existing water source</li> <li>• Watering system maintenance cost at \$100/year</li> <li>• 85% cost-shared with On-farm Climate Action Fund (OFCAF) within maximum limits*</li> <li>• Improve stocking rate by 10%</li> <li>• Shorten full winter feed days by 15 days</li> <li>• Add 50 total unpaid family labour hours</li> <li>• Fuel cost for winter feeding reduce by \$522 per year</li> <li>• Additional average daily gain of 0.1 lb per calf</li> <li>• Heifer weaning weight up from 552 to 573 lbs, steer weaning weight up from 585 to 605 lb</li> <li>• Surplus forage production stock up for carry-over</li> </ul> <p><b>*Assumption only. Actual application must meet <a href="#">program requirements</a>.</b></p>



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<b>5-year average vs. baseline year**</b>			
<b>Estimated Change at Whole Farm Level (\$/year)</b>			
Net Income	-\$2,814	+\$3,435	+\$4,452
Net Cash Farm Income	-\$2,814	+\$3,435	+\$4,452
<b>Estimated Change at Cow-calf Enterprise (\$/cow)</b>			
Short-term Profits	-\$27	+\$16	+\$13*
Medium-term Profits	-\$27	+\$16	+\$15
Long-term Profits	-\$22	+\$17	+\$22

\* Price slide (lower price per lb) on heavier weight category more than offset revenue on extra weight gain

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

Detailed reports available upon request. Email: [info@canfax.ca](mailto:info@canfax.ca)

