

## MT-3 Future Farm Summary

	Cover Crop	Cover Crop, OFCAF
<b>Description</b>	Plant cover crop for early spring grazing.	
<b>Assumptions</b>	<ul style="list-style-type: none"> <li>Plant fall rye after corn silage harvest on 6 acres</li> <li>Rye dry matter yield at 1.5 tonnes/acre for grazing</li> <li>Cover crop is grazed by cows for 8 days in early spring</li> <li>Winter feed rations reduce feeding days by 8 days</li> <li>Seeding cost at \$76/acre</li> <li>Fertilizer cost at \$56/acre</li> <li>Additional cost of \$6,160 for fences and water</li> <li>Move cattle daily</li> <li>Reduce labour by 4 hours (additional labour for moving cattle offset by reduced labour for winter feeding)</li> </ul>	<ul style="list-style-type: none"> <li>Plant fall rye after corn silage harvest on 6 acres</li> <li>Rye dry matter yield at 1.5 tonnes/acre for grazing</li> <li>Cover crop is grazed by cows for 8 days in early spring</li> <li>Winter feed rations reduce feeding days by 8 days</li> <li>Seeding cost at \$76/acre</li> <li>75% of seeding cost shared with by the On-Farm Climate Action Fund (OFCAF)*</li> <li>Fertilizer cost at \$56/acre</li> <li>Additional cost of \$6,160 for fences and water</li> <li>Move cattle daily</li> <li>Reduce labour by 4 hours (additional labour for moving cattle offset by reduced labour for winter feeding)</li> </ul> <p><b>*Assumption only. Actual application must meet <a href="#">program requirements</a>.</b></p>
<b>Trade-Off Considerations</b>	<ul style="list-style-type: none"> <li>Nitrate poisoning may be a problem when grazing or feeding fall rye silage or hay if the crop has been stressed by frost, drought, hail or plant diseases, which can cause a nitrate accumulation in the plant</li> <li>Manure may be very loose as the cattle adapt to fall rye if they were previously on low-quality pasture snow during the grazing period), need a Plan B or have some extra feed source</li> </ul>	
	<b>5-year average vs. baseline year**</b>	
<b>Estimated Change at Whole Farm Level (\$/year)</b>		
Net Income	-\$1,080	-\$1007
Net Cash Farm Income	-\$1,082	-\$1008
<b>Enterprise (\$/cow)</b>		
Short-term Profits	-\$21	-\$20
Medium-term Profits	-\$21	-\$20
Long-term Profits	-\$16	-\$15

\*\* 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)

