

<b>Perennial Forage</b>			
	<b>- Column</b>	<b>+ Column</b>	
<b>Qualitative Benefits of the Practice</b>	<b>Cost of Implementation and Potential Income Loss</b>	<b>Potential Income Gain and Reduced/Avoided Costs</b>	<b>Your Judgment: Value Per Acre of This Practice on Your Land</b>
<p>Improved soil structure through having living roots in the ground year-round.</p> <p>Less soil erosion and less water runoff from a forage crop or well-managed pasture than from a grain crop</p> <p>Reduces weed pressure in the next cash crop</p> <p>Reduces insect and disease pressure in the next cash crop</p>	<p>Loss of net income from cash grain crop: \$230/acre/year. <i>(See Corn &amp; Soybean Profitability text box in the Crop Rotation section)</i></p> <p>Cost to build perimeter fence around a 40-acre pasture: \$4,700 for a 25-year fence; \$4.70/acre/year <i>(See Fencing &amp; Watering Costs text box)</i></p> <p>Annual maintenance cost for high-tensile electrified wire perimeter fence: \$16/acre <i>(See Fencing &amp; Watering Costs text box)</i></p> <p>Cost of temporary, movable fence for managed grazing: \$3.30/acre/year <i>(See Fencing &amp; Watering Costs text box)</i></p> <p>1-mile watering system:</p>	<p>Grazing land lease of \$50/acre/year (lease only; not counting potential additional income from labor and management of grazing system)(6)</p> <p>Grazing land plus grazier services (labor and management for cattle herd on pasture): \$230/acre/year <b>gross</b> income <i>(see Grazing Income text box)</i></p> <p>Alfalfa hay production, net income: \$228/acre/year (7)</p> <p>Plow-down value of alfalfa in providing nitrogen to next cash crop: \$96/acre <i>(See Alfalfa Nitrogen Credit text box)</i></p> <p>Plow-down value of alfalfa in providing nitrogen to the second-year cash crop: \$30/acre <i>(See Alfalfa Nitrogen</i></p>	<p>Potential income gain and costs avoided: +</p> <p>Potential income loss and costs to pay: -</p> <p>Your judgment on value to your farm of qualitative benefits: +</p> <p>Value to society or environment: +</p> <p>Add up the total net value per acre per year:</p> <p>Multiply by number of acres devoted to the practice:</p> <p>Multiply by a time frame (5 years? 10 years?)</p> <p>Total value over time:</p>

<p><b>The numbers in this table are broad estimates, and you should adjust them for your farm's conditions.</b></p>	<p>\$7.50/acre/year (<i>See Fencing &amp; Watering Costs text box</i>)</p> <p>Cost of land ownership: \$27/acre/year (includes interest, taxes, depreciation on facilities) (5)</p>	<p><i>Credit text box</i></p> <p>\$8.60/acre/year gain in fertilizer value of soil by saving 4.1 tons/acre/year from soil erosion; cumulative over years (<i>See Value of Saving Soil text box in the Crop Rotation section</i>)</p> <p>Benefit to society: approximately \$20/acre/year gain in water quality value of soil by saving 4.1 tons/acre/year of soil from erosion (<i>See Value of Saving Soil text box in the Crop Rotation section</i>)</p>	
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