

<b>Pollinator/Beneficial Insect Habitat</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>Pollinators are critical to productivity of many fruit, vegetable, seed, and nut crops</p> <p>Beneficial insects prey on other harmful insects, reducing crop damage</p> <p>Possible reduced insecticide application to crops</p> <p>Pollinator/beneficial insect habitat contributes to species diversity on the farm; attracts birds and other wildlife</p> <p>Reduced soil erosion and water runoff from habitat strips strategically located on 10% of crop fields.</p>	<p>Establishment cost spread over 15 years: \$27/acre of habitat/year (<i>See Habitat Costs text box</i>)</p> <p>Management and maintenance cost for habitat: \$50/acre/year (<i>See Habitat Costs text box</i>)</p> <p>Loss of net income from cash crop on the pollinator habitat acres: \$230/acre/year. (<i>See Cash Grain Profitability Calculation text box in Crop Rotation section</i>). Reduce this number if planting on less-productive acres.</p> <p>\$30/acre/year cost for the acreage of the habitat, for extra time and hassle in field operations (tillage, spraying, and harvesting) to maneuver around the area. (7)</p>	<p>Full funding for habitat establishment through public or private programs (5,6)</p> <p>\$150/acre/year contract payment for acres in pollinator habitat (5)</p> <p>Benefit to society: \$29/acre/year from pollination services. This applies to <b>total farm acres</b>, not just acres in pollinator habitat. (<i>See Pollinator &amp; Beneficial Insect Services text box</i>)</p> <p>\$5/acre/year in crop protection services from beneficial insects. This applies to <b>total farm acres</b>, not just acres in pollinator habitat. (<i>See Pollinator &amp; Beneficial Insect Services text box</i>)</p> <p>\$8.20/acre/year gain in fertilizer value of soil by saving 95% of 4.1 tons/acre/year from soil erosion if</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 a time frame (5 years? 10 years?)</p> <p>Total value over time:</p>

<p>The numbers in this table are broad estimates, and you should adjust them for your farm's conditions.</p>		<p>habitat is on 10% of cropland acres. This amount applies to <b>total farm acres</b>.  <i>(See Value of Saving Soil text box in the Crop Rotation section).</i></p> <p>Benefit to society: approximately \$19/acre/year gain in water quality value of soil by saving 95% of 4.1 tons/acre/year of soil from erosion if habitat is on 10% of cropland acres. This amount applies to <b>total farm acres</b>.  <i>(See Value of Saving Soil text box in the Crop Rotation section).</i></p>	
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