

Description	Quantity	Unit price, \$	total \$ ha <sup>-1</sup>
<b>Costs</b>			
Fertilizer Nitrogen (urea), kg	100	0.53	53.00
Fertilizer P <sub>2</sub> O <sub>5</sub> (DAP), kg	140	0.43	60.20
Cropland rental rate, \$ ha <sup>-1</sup>	1	150.00	150.00
Fuel: land preparation, planting, & harvesting	1	350.00	350.00
Weed control: herbicide and applicator, \$	1	75.00	75.00
Seed, \$ kg <sup>-1</sup>	20	4.00	80.00
Supplemental irrigation, \$ ha <sup>-1</sup> (USDA/ERS, 2004)	1	140.00	140.00
Labor for different activities, 30 hrs, \$15.00hr <sup>-1</sup>	30	15.00	450.00
Hay cutting labor and machine (\$100 day <sup>-1</sup> )	1	100.00	100.00
<b>Total cost</b>			<b>1458.20</b>
<b>Benefits</b>			
Grain price (1 ton ha <sup>-1</sup> yield)	1.	3500.00	3500.00
Hay price (7 ton ha <sup>-1</sup> )	7	180.00	1260.00
<b>Gross benefits</b>			<b>4760.00</b>
<b>Net benefits</b>			<b>3301.80</b>

Disclaimer: Cost and output prices were gathered from available sources and changes from day to day. The authors do not guarantee accuracy.