

Economic Comparison: Mechanical and Chemical Weed Control¹

<u>Item</u>	<u>40-hp tractor w/ 6' rotary mower</u>	<u>40-hp tractor w/ 30' boom sprayer</u>
Labor cost	\$ 10.00	\$ 10.00
Acres/hour	2.73	14.18
<u>Costs</u>		
Fixed cost/acre	\$ 5.58	\$ 1.43
Operating cost/acre	\$ 5.00	\$ 1.11
Labor cost/acre	\$ 3.66	\$ 0.71
Herbicide cost/acre (1 qt. Grazon P+D/acre)	\$ 0.00	\$ 8.25
<u>TOTAL COST/ACRE</u>	<u>\$ 14.24</u>	<u>\$ 11.50</u>

\$2.74/acre difference!!!

¹ Clary and Redmon, 2003