

## GLADIATOR™ Precision Tillage System as compared to No-till

Operation Costs Per Acre <sup>1</sup>	No-Till System	GLADIATOR Operation	GLADIATOR Advantage
Fall Tillage (6 mph)	\$ -	\$ 8.89	
Extra Sprayer Pass (8 mph)	\$ 5.46		
Fertilizer Spreader (8 mph)	\$ 2.84	\$ -	
Seed Bed Preparation (7 mph)	\$ -	\$ -	
Subtotal	\$ 8.30	\$ 8.89	\$ (0.59)
Acres	1000	1000	\$ (590)
Fertilizer Spreader (purchase)	\$ 20,000	\$ -	
Primary Tillage (purchase)	\$ -	\$ 70,000	
Net Operational Costs	\$ 20,000	\$ 70,000	\$ (50,000)
Fertilizer Cost (Est. \$150/Acre)	\$ 150,000	\$ 112,500	
Potential Fertilizer Savings (25%)		\$ 37,500	\$ 37,500
Yield Based on 9 Site Years <sup>2</sup>	141	160	
Price per Bushel	\$ 3.30	\$ 3.30	
Revenue (1,000 Acres)	\$ 465,300	\$ 528,000	\$ 62,700
Net Operational Revenue			\$ 49,610

<sup>1</sup> AGMACH\$ - Ag Machinery Costs Estimator, Oklahoma State University

<sup>2</sup> University and Independent Studies in Iowa, Indiana, Maryland, Minnesota, North Dakota and Wisconsin