

BENEFITS OF NO-TILL & COVER CROPS

Texas Alliance for Water Conservation

 <h3>SOIL HEALTH BENEFITS</h3> <ul style="list-style-type: none"> - Less erosion - Less compaction - Firmer seed beds 	 <h3>COST SAVINGS</h3> <ul style="list-style-type: none"> - 60% less fuel - Less maintenance - Less wear & tear of equipment - Less employee burnout 	 <h3>BETTER INFILTRATION</h3> <ul style="list-style-type: none"> - Better collection of unruly precipitation - Reduced Ground Temp Fluctuation
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Budget Comparison - Irrigated

120 Acres Irrigated Cotton 2 gpm/a 850# yield potential					60 Acres Irrigated Cotton 4 gpm/a 1500# Yield potential				
Revenue	Acres	Yield	Price		Revenue	Acres	Yield	Price	
	120	850	0.65	\$66,300		60	1500	0.65	\$58,500
Expenses					Expenses				
		Acres	\$/Acre				Acres	\$/Acre	
Seed Cost 45K/A		120	\$75	\$9,000	Seed Cost 45K/A		60	\$75	\$4,500
Fertilizer		120	\$50	\$6,000	Fertilizer		60	\$70	\$4,200
Herbicide		120	\$60	\$7,200	Herbicide		60	\$75	\$4,500
Land Prep and tillage		120	\$60	\$7,200	Herbicide		60	\$10	\$600
Total Expense				\$29,400	Cover Crop Seed		60	\$45	\$2,700
									\$16,500
Net for 120 Acres				\$36,900	Net for 60 Acres				\$42,000

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Budget Comparison - Dryland

120 Acres Dryland Cotton 400# yield potential					60 Acres Dryland Cotton 650# Yield potential				
Revenue	Acres	Yield	Price		Revenue	Acres	Yield	Price	
	120	400	0.65	\$31,200		60	650	0.65	\$25,350
Expenses					Expenses				
		Acres	\$/Acre				Acres	\$/Acre	
Seed Cost 25K/A		120	\$40	\$4,800	Seed Cost 25K/A		60	\$40	\$2,400
Fertilizer		120	\$25	\$3,000	Fertilizer		60	\$35	\$2,100
Herbicide		120	\$50	\$6,000	Herbicide/Cotton		60	\$50	\$3,000
Land Prep and tillage		120	\$60	\$7,200	Herbicide/Cover Crop		60	\$25	\$1,500
Total Expense				\$21,000	Cover Crop Seed/Planting		60	\$45	\$2,700
									\$11,700
Net for 120 Acres				\$10,200	Net for 60 Acres				\$13,650

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