

item	unit	price	quantity	amount	Sub-total	your farm
<b>INCOME</b>						
Product						
Alfalfa - Western KS	ton	\$160.00	5.70	\$912.00	\$912.00	_____
					-----	
--TOTAL INCOME--					\$912.00	_____
<b>EXPENSES</b>						
Fertilizers						
Nitrogen	lb	\$0.32	17.38	\$5.56		
Phosphorus	lb	\$0.43	82.16	\$35.69	\$41.25	_____
Herbicides						
Post-emergence				-----	\$23.88	\$23.88 _____
Insecticides					-----	\$8.91 _____
Seeds					-----	\$21.30 _____
Crop insurance					-----	\$21.38 _____
Miscellaneous					-----	\$10.00 _____
Crop consulting					-----	\$6.50 _____
Labor (beyond custom field operations)					-----	\$29.40 _____
Custom Field Operations						
Fertilizer application				-----	\$5.46	
Hay				-----	\$185.41	
Planting				-----	\$3.56	
Spraying				-----	\$11.42	
Tillage				-----	\$7.25	\$213.10 _____
Natural Gas					-----	\$60.98 _____
Repair & Maintenance					-----	\$6.27 _____
Interest on operating capital			6.5% on direct expenses	\$14.40	\$14.40	_____
Depreciation					-----	\$76.67 _____
Interest on durable equipment					-----	\$64.15 _____
Cash rent					-----	\$129.00 _____
					-----	
--TOTAL SPECIFIED EXPENSES--					\$727.19	_____
					=====	
RETURNS ABOVE TOTAL SPECIFIED EXPENSES						\$184.81 _____

item	unit	price	quantity	amount	Sub-total	your farm
<b>INCOME</b>						
Product						
Alfalfa - Western KS	ton	\$160.00	5.70	\$912.00	\$912.00	_____
Other						
Govt payments, indemnity payments, etc.						_____
--TOTAL INCOME--					\$912.00	_____
<b>DIRECT EXPENSES</b>						
Fertilizers						
C - MAP (11-52-0) (1)	lb	\$0.26	158.00	\$41.25	\$41.25	_____
--- ACTUAL POUNDS - 17 N, 82 P, 0 K						
Herbicides						
C - Velpar L (1)	oz	\$0.75	32.00	\$23.88	\$23.88	_____
Insecticides						
Warrior 1EC (1)	oz	\$2.97	3.00	\$8.91	\$8.91	_____
Seeds						
Alfalfa - Roundup Ready	lb	\$7.10	3.00	\$21.30	\$21.30	_____
Crop insurance						
Alfalfa_West_Irr	acre	\$21.38	1.00	\$21.38	\$21.38	_____
Miscellaneous						
Alfalfa_West_Irr	acre	\$10.00	1.00	\$10.00	\$10.00	_____
Crop consulting						
Alfalfa_West_Irr	acre	\$6.50	1.00	\$6.50	\$6.50	_____
Labor (beyond custom field operations)						
Additional labor	hour	\$15.00	1.20	\$18.00		
Irrigation labor	hour	\$15.00	0.76	\$11.40	\$29.40	_____
Custom Field Operations						
FERTAPP-Dry fertilizer	acre	\$5.46	1.00	\$5.46		
HAY-Baling (large round)	bale	\$13.08	7.60	\$99.41		
HAY-Sideraking	acre	\$4.50	4.00	\$18.00		
HAY-Swathing and conditioning	acre	\$17.00	4.00	\$68.00		
PLANT-Alfalfa seeding, reg-till	acre	\$17.79	0.20	\$3.56		
SPRAY-Ground herbicide	acre	\$5.66	1.00	\$5.66		
SPRAY-Ground insecticide	acre	\$5.76	1.00	\$5.76		
TILL-Disk	acre	\$11.83	0.40	\$4.73		
TILL-Field cultivate	acre	\$12.60	0.20	\$2.52	\$213.10	_____
Natural Gas						
Well, pump, and gearhead	ac-in	\$3.21	19.00	\$60.98	\$60.98	_____
Repair & Maintenance						
Well, pump, and gearhead	ac-in	\$0.33	19.00	\$6.27	\$6.27	_____
Other						
Crop consulting, drying, etc.						_____
Interest on operating capital						
6.5% on direct expenses				\$14.40	\$14.40	_____
--TOTAL DIRECT EXPENSES--					\$457.36	_____
-----Direct expense per ton \$80.24						

item	unit	price	quantity	amount	Sub-total	your farm
<b>FIXED EXPENSES</b>						
Depreciation						
Irrigation - Center Pivot	acre	\$22.43	1.00	\$22.43		
Power unit	acre	\$17.60	1.00	\$17.60		
Well, pump, and gearhead	acre	\$36.64	1.00	\$36.64	\$76.67	_____
Interest on durable equipment						
Irrigation - Center Pivot	acre	\$30.37	1.00	\$30.37		
Power unit	acre	\$4.00	1.00	\$4.00		
Well, pump, and gearhead	acre	\$29.77	1.00	\$29.77	\$64.15	_____
Cash rent						
All crops_West_irr	acre	\$129.00	1.00	\$129.00	\$129.00	_____
					-----	
--TOTAL FIXED EXPENSES--					\$269.82	_____
--TOTAL SPECIFIED EXPENSES--					\$727.19	_____
-----Total expenses per ton \$127.58						
					=====	
RETURNS ABOVE DIRECT EXPENSES					\$454.64	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES					\$184.81	_____

19 acre-inches of water applied  
 300 foot well depth  
 \$ 3.21 fuel cost per acre-inch of water applied  
 .71 Mcf of natural gas per acre-inch of water applied  
 \$ 4.5 per Mcf for cost of natural gas  
 13.55 Mcf of fuel used in total