

1997 Wheat Commission Rotation Study Economics - Lyman County

Rotation	Crop	Yield	Total Cost	Gross Receipts	Net Return	Workload Capability - Acres	Total Farm Return - \$			
(1) WW-Fallow	WW	30.3	163.54	97.26	\$ (66.28)	600				
	Fallow	0	72.78	0	\$ (72.78)	600				
				Rotation Return	\$ (69.53)	1200	\$ (83,436.00)			
(2) WW-GreenFallow	WW	27.6	163.54	88.60	\$ (74.94)	600				
	GreenFallow	0	76.69	0	\$ (76.69)	600				
				Rotation Return	\$ (75.82)	1200	\$ (90,978.00)			
(3) WW-Lentil/Chickpea	WW	31.1	157.40	99.83	\$ (57.57)	600				
	Chickpea	2034 lbs	175.06	244.08	\$ 69.02	600				
				Rotation Return	\$ 5.73	1200	\$ 6,870.00			
(4) WW-Flax	WW	29.1	157.40	93.41	\$ (63.99)	600				
	Flax	9.8	122.93	56.35	\$ (66.58)	600				
				Rotation Return	\$ (65.29)	1200	\$ (78,342.00)			
(5) WW-Corn-Fallow	WW	33.4	146.96	107.21	\$ (39.75)	600				
	Corn	90.5	167.32	190.05	\$ 22.73	600				
	Fallow	0	56.27	0	\$ (56.27)	600				
			Rotation Return	\$ (24.43)	1800	\$ (43,974.00)				
(6) WW-Corn-Flax	WW	31.8	127.95	102.08	\$ (25.87)	600				
	Corn	78.4	165.57	164.64	\$ (0.93)	600				
	Flax	13.3	106.27	76.48	\$ (29.79)	600				
			Rotation Return	\$ (18.86)	1800	\$ (33,954.00)				
(7) WW-Corn-Pea	WW	35.4	127.95	113.63	\$ (14.32)	600				
	Corn	82.4	165.57	173.04	\$ 7.47	600				
	Pea	17.9	123.60	80.55	\$ (43.05)	600				
			Rotation Return	\$ (16.63)	1800	\$ (29,940.00)				
(8) WW-Corn-Lentils/Chickpea	WW	39.7	122.73	127.44	\$ 4.71	600				
	Corn	74.6	165.57	156.66	\$ (8.91)	600				
	Chickpea	1605 lbs	169.00	192.60	\$ 23.60	600				
			Rotation Return	\$ 6.47	1800	\$ 11,640.00				
(9) WW-Corn-SB-SW	WW	36	124.17	115.56	\$ (8.61)	600				
	Corn	93.9	162.66	197.19	\$ 34.53	600				
	SB	27.4	115.40	167.41	\$ 52.01	600				
				SW	28.3	102.35	99.33	\$ (3.02)	600	
				Rotation Return	\$ 18.73	2400	\$ 44,946.00			
(10) WW-SB-Corn-SW	WW	31	120.65	99.51	\$ (21.14)	600				
	SB	33.3	130.62	203.46	\$ 72.84	600				
	Corn	75.3	146.44	158.13	\$ 11.69	600				
				SW	29.7	102.35	104.25	\$ 1.90	600	
				Rotation Return	\$ 16.32	2400	\$ 39,174.00			

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Rotation	Crop	Yield	Total Cost	Gross Receipts	Net Return	Workload Capability - Acres	Total Farm Return - \$
(11) WW-Corn-SB-Pea	WW	34.6	146.19	111.07	\$ (35.12)	600	
	Corn	107.3	162.66	225.33	\$ 62.67	600	
	SB	31.3	119.75	191.24	\$ 71.49	600	
	Pea	12.5	119.87	56.25	\$ (63.62)	600	
	Rotation Return				\$ 8.86	2400	\$ 21,252.00
(12) SW-Corn-Flax	SW	26.9	116.64	94.42	\$ (22.22)	600	
	Corn	76.4	165.57	160.44	\$ (5.13)	600	
	Flax	12.9	106.27	74.17	\$ (32.10)	600	
	Rotation Return				\$ (19.82)	1800	\$ (35,670.00)
(13) SW-Corn-SB	SW	27.7	105.96	97.23	\$ (8.73)	600	
	Corn	101.9	166.08	213.99	\$ 47.91	600	
	SB	30.4	123.61	185.74	\$ 62.13	600	
	Rotation Return				\$ 33.77	1800	\$ 60,786.00
(14) WW-SB-Flax	WW	35.2	142.14	112.99	\$ (29.15)	600	
	SB	33.2	133.63	202.85	\$ 69.22	600	
	Flax	8.1	105.63	46.58	\$ (59.05)	600	
	Rotation Return				\$ (6.33)	1800	\$ (11,388.00)
(15) Corn-SB	Corn	92.5	156.47	194.25	\$ 37.78	600	
	SB	29.6	132.38	180.86	\$ 48.48	600	
	Rotation Return				\$ 43.13	1200	\$ 51,756.00

Crop Prices Used in 1997 Calculations:

Winter Wheat	3.21/bushel
Spring Wheat	3.51/bushel
Corn	2.10/bushel
Soybean	6.11/bushel
Flax	5.75/bushel
Field Peas	4.50/bushel
Chickpeas	0.12/pound