

1994 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	31.6	130.73	94.80	\$ (35.93)	600	
	Fallow	0	72.78	0	\$ (72.78)	600	
				Rotation Return	\$ (54.36)	1200	\$ (65,226.00)
(2) WW-GreenFallow	WW	35.4	130.73	106.20	\$ (24.53)	600	
	GreenFallow	0	76.69	0	\$ (76.69)	600	
				Rotation Return	\$ (50.61)	1200	\$ (60,732.00)
(3) WW-Lentil	WW	26.1	127.34	78.30	\$ (49.04)	600	
	Lentil	1784 lbs	161.87	249.76	\$ 87.89	600	
				Rotation Return	\$ 19.43	1200	\$ 23,310.00
(4) WW-Flax	WW	26.6	127.34	79.80	\$ (47.54)	600	
	Flax	22.9	111.23	96.18	\$ (15.05)	600	
				Rotation Return	\$ (31.30)	1200	\$ (37,554.00)
(5) WW-Corn-Fallow	WW	38.7	123.10	116.10	\$ (7.00)	600	
	Sorghum	81.2	142.87	154.28	\$ 11.41	600	
	Fallow	0	56.27	0	\$ (56.27)	600	
				Rotation Return	\$ (17.29)	1800	\$ (31,116.00)
(6) WW-Corn-Flax	WW	32.4	120.28	97.20	\$ (23.08)	600	
	Sorghum	74.8	140.5	142.12	\$ 1.62	600	
	Flax	21.5	94.57	90.3	\$ (4.27)	600	
				Rotation Return	\$ (8.58)	1800	\$ (15,438.00)
(7) WW-Corn-Pea	WW	40.2	120.28	120.60	\$ 0.32	600	
	Sorghum	72.6	140.5	137.94	\$ (2.56)	600	
	Pea	1921 lbs	123.60	115.26	\$ (8.34)	600	
				Rotation Return	\$ (3.53)	1800	\$ (6,348.00)
(8) WW-Corn-Lentil	WW	26.4	120.28	79.20	\$ (41.08)	600	
	Sorghum	83.4	140.5	158.46	\$ 17.96	600	
	Lentil	1360 lbs	144.13	190.40	\$ 46.27	600	
				Rotation Return	\$ 7.72	1800	\$ 13,890.00
(9) WW-Corn-SB-SW	WW	32.5	116.83	97.50	\$ (19.33)	600	
	Sorghum	62.4	137.5	118.56	\$ (18.94)	600	
	SB	23.4	103.70	117.00	\$ 13.30	600	
	SW	33.2	90.65	106.24	\$ 15.59	600	
				Rotation Return	\$ (2.35)	2400	\$ (5,628.00)
(10) WW-SB-Corn-SW	WW	37.9	116.83	113.70	\$ (3.13)	600	
	SB	28.6	118.92	143.00	\$ 24.08	600	
	Sorghum	74.1	128.09	140.79	\$ 12.70	600	
	SW	32	90.65	102.4	\$ 11.75	600	
				Rotation Return	\$ 11.35	2400	\$ 27,240.00

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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	31.4	116.82	94.20	\$ (22.62)	600	
	Sorghum	68.9	137.5	130.91	\$ (6.59)	600	
	SB	23.2	108.05	116.00	\$ 7.95	600	
	Pea	1292 lbs	119.87	77.52	\$ (42.35)	600	
				Rotation Return	\$ (15.90)	2400	\$ (38,166.00)
(12) SW-Corn-Flax	SW	37.4	104.94	119.68	\$ 14.74	600	
	Sorghum	70.9	140.5	134.71	\$ (5.79)	600	
	Flax	22	94.57	92.40	\$ (2.17)	600	
				Rotation Return	\$ 2.26	1800	\$ 4,068.00
(13) SW-Corn-SB	SW	33.8	94.26	108.16	\$ 13.90	600	
	Sorghum	56	140.5	106.40	\$ (34.10)	600	
	SB	23.7	111.91	118.50	\$ 6.59	600	
				Rotation Return	\$ (4.54)	1800	\$ (8,166.00)
(14) WW-SB-Flax	WW	27.1	119.65	81.30	\$ (38.35)	600	
	SB	25.9	121.93	129.50	\$ 7.57	600	
	Flax	0	93.93	0.00	\$ (93.93)	600	
				Rotation Return	\$ (41.57)	1800	\$ (74,826.00)
(15) Corn-SB	Corn	50.5	138.09	95.95	\$ (42.14)	600	
	SB	19.4	120.68	97.00	\$ (23.68)	600	
				Rotation Return	\$ (32.91)	1200	\$ (39,492.00)

Crop Prices Used in 1994 Calculations:

Winter Wheat	3.00/bushel
Spring Wheat	3.20/bushel
Grain Sorghum	1.90/bushel
Soybean	5.00/bushel
Flax	4.20/bushel
Field Peas	0.06/pound
Lentil	0.14/pound