

AgriProfit\$

2009

**Cost and Return Benchmarks
for Crops and Forages**

Black Soil Zone

Government of Alberta ■
Agriculture and Rural Development



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2009 Black Soil Zone

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OVERVIEW

2009 Black Soil Zone

The *AgriProfit\$* Business Analysis and Research Program provides a provincial overview of costs and returns for field crops and forages. The Economics Branch collects cost of production information annually from Alberta producers to generate regional benchmarks. Producer participants are critical to providing a financial representation of Alberta's cropping industry.

AgriProfit\$ cropping benchmarks are analyzed by soil zone group, top third producers, and owned land versus rented land where available. Top third averages are calculated from fields that have the highest return to equity. Analyzing crops by owned versus rented also provides insight into differences in management.

Benchmarks allow for comparison of individual crop costs and returns to other farms in a similar production area. Benchmarks should not replace individual cropping and financial records. There is a danger of over or underestimating costs and returns if basing them on regional benchmarks and forecasts. Strategic planning is more effective when individual costs are used. Managing unit costs of production is one of the most significant strategies to ensure profitability in a mature commodity market.

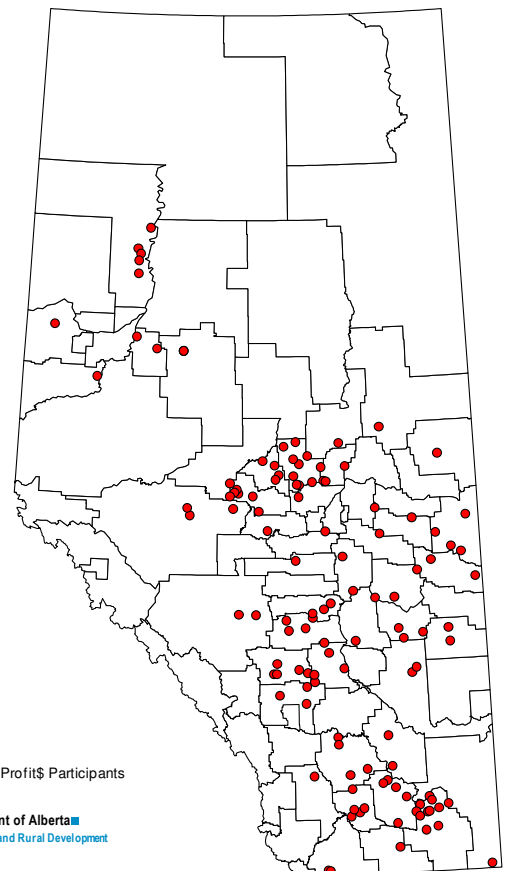
The map shows the Black Soil Zone in Alberta; this is the grouping method used for this study. Please note that farms highlighted within these zones may contain characteristics of neighbouring soil zones. The map on the bottom shows the distribution of the 2009 participants.

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2009 Crops Enterprise Analysis

All Dryland Spring Wheat

Acres Cropped: 125.87

Enterprises: 61

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	29,916.75	237.67	5.07
	2. Crop Insurance Receipts	1,030.48	8.19	
	3. Miscellaneous Receipts	749.82	5.96	
	4. Government Program	270.01	2.15	
	5. Additional Revenue from Straw / Aftermath Grazing	527.05	4.19	
GROSS RETURN		32,494.11	258.15	5.51
(B)	1. Seed & Seed Cleaning	2,093.28	16.63	
	2. Fertilizer Rates: 80N 21P 16K 4S	11,181.59	88.83	
	3. Chemicals	3,634.53	28.87	
	4. Hail / Crop Insurance & Program Premiums	1,670.67	13.27	
	5. Trucking & Marketing	457.02	3.63	
	6. Fuel	1,579.12	12.55	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,340.57	10.65	
	9. Repairs - Buildings	585.39	4.65	
	10. Utilities & Miscellaneous Expenses	2,327.97	18.49	
	11. Custom Work & Specialized Labour	687.31	5.46	
	12. Operating Interest Paid	249.88	1.99	
	13. Paid Labour & Benefits (47.97 hours)	1,448.15	11.50	
	14. Unpaid Labour (108.58 hours)	1,085.18	8.62	
VARIABLE COSTS		28,340.65	225.15	4.80
(C)	1. Cash/Share Rent & Land Lease	3,183.18	25.29	
	2. Taxes, Water Rates, Lic. & Insurance	526.14	4.18	
	3. Equipment & Building a) Depreciation	4,850.39	38.53	
	b) Lease Payments	174.04	1.38	
	4. Paid Capital Interest	1,131.31	8.99	
TOTAL CAPITAL COSTS		9,865.06	78.37	1.67
(D)	CASH COSTS (B+C-B14-C3)	32,270.14	256.37	5.47
(E)	TOTAL PRODUCTION COSTS (B+C)	38,205.71	303.52	6.48
(F)	GROSS MARGIN (A-D)	223.96	1.78	.04
	RETURN TO UNPAID LABOUR(A-E+B14)	(4,626.42)	(36.75)	(.78)
	RETURN TO INVESTMENT (A-E+C4) -2.8 %	(4,580.29)	(36.39)	(.78)
	RETURN TO EQUITY (A-E)	(5,711.60)	(45.38)	(.97)
INVESTMENT				
	Land	104,577.21	830.80	
	Buildings	9,980.00	79.29	
	Machinery	48,756.56	387.34	
	Irr. Machinery	.00	.00	
	TOTAL	163,313.78	1,297.43	
MANAGEMENT				
	Yield Per Acre (Bushel)		46.87	
	Expected Market Price Per Bushel		5.07	

2009 Crops Enterprise Analysis

All Dryland Spring Wheat		Group AVG	Top 1/3 AVG
Acres Cropped:		125.87	118.50
Enterprises:		61	20
		\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	237.67	288.18
	2. Crop Insurance Receipts	8.19	5.72
	3. Miscellaneous Receipts	5.96	5.06
	4. Government Program	2.15	4.04
	5. Additional Revenue from Straw / Aftermath Grazing	4.19	4.61
GROSS RETURN		258.15	307.62
(B)	1. Seed & Seed Cleaning	16.63	16.95
	2. Fertilizer	88.83	71.26
	3. Chemicals	28.87	22.45
	4. Hail / Crop Insurance & Program Premiums	13.27	9.81
	5. Trucking & Marketing	3.63	3.37
	6. Fuel	12.55	11.54
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	10.65	9.08
	9. Repairs - Buildings	4.65	2.13
	10. Utilities & Miscellaneous Expenses	18.49	9.02
	11. Custom Work & Specialized Labour	5.46	2.92
	12. Operating Interest Paid	1.99	1.79
	13. Paid Labour & Benefits	11.50	5.80
	14. Unpaid Labour	8.62	7.64
VARIABLE COSTS		225.15	173.76
(C)	1. Cash/Share Rent & Land Lease	25.29	10.67
	2. Taxes, Water Rates, Lic. & Insurance	4.18	6.15
	3. Equipment & Building a) Depreciation	38.53	44.27
	b) Lease Payments	1.38	.01
	4. Paid Capital Interest	8.99	9.97
TOTAL CAPITAL COSTS		78.37	71.07
(D)	CASH COSTS (B+C-B14-C3)	256.37	192.93
(E)	TOTAL PRODUCTION COSTS (B+C)	303.52	244.84
(F)	GROSS MARGIN (A-D)	1.78	114.68
	RETURN TO UNPAID LABOUR(A-E+B14)	(36.75)	70.42
	RETURN TO INVESTMENT (A-E+C4)	(36.39)	72.75
	RETURN TO EQUITY (A-E)	(45.38)	62.78
INVESTMENT			
	Land	830.80	1,133.93
	Buildings	79.29	105.59
	Machinery	387.34	423.54
	Irr. Mach.	.00	.00
TOTAL		1,297.43	1,663.06
MANAGEMENT			
	Yield Per Acre (Bushel)	46.87	54.09
	Expected Market Price Per Bushel	5.07	5.33

2009 Crops Enterprise Analysis

Owned Dryland Spring Wheat

Acres Cropped: 120.76

Enterprises: 29

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	31,834.02	263.62	5.19
	2. Crop Insurance Receipts	643.11	5.33	
	3. Miscellaneous Receipts	803.79	6.66	
	4. Government Program	540.92	4.48	
	5. Additional Revenue from Straw / Aftermath Grazing	376.90	3.12	
	GROSS RETURN	34,198.73	283.20	5.58
(B)	1. Seed & Seed Cleaning	1,937.25	16.04	
	2. Fertilizer Rates: 83N 24P 13K 4S	11,653.69	96.50	
	3. Chemicals	3,367.98	27.89	
	4. Hail / Crop Insurance & Program Premiums	1,572.65	13.02	
	5. Trucking & Marketing	421.19	3.49	
	6. Fuel	1,539.50	12.75	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,230.44	10.19	
	9. Repairs - Buildings	315.12	2.61	
	10. Utilities & Miscellaneous Expenses	1,977.32	16.37	
	11. Custom Work & Specialized Labour	745.61	6.17	
	12. Operating Interest Paid	308.63	2.56	
	13. Paid Labour & Benefits (43.30 hours)	1,398.15	11.58	
	14. Unpaid Labour (79.83 hours)	797.84	6.61	
	VARIABLE COSTS	27,265.37	225.78	4.45
(C)	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	656.29	5.43	
	3. Equipment & Building a) Depreciation	4,573.00	37.87	
	b) Lease Payments	131.56	1.09	
	4. Paid Capital Interest	1,498.16	12.41	
	TOTAL CAPITAL COSTS	6,859.02	56.80	1.12
(D)	CASH COSTS (B+C-B14-C3)	28,753.55	238.11	4.69
(E)	TOTAL PRODUCTION COSTS (B+C)	34,124.39	282.58	5.56
(F)	GROSS MARGIN (A-D)	5,445.18	45.09	.89
	RETURN TO UNPAID LABOUR(A-E+B14)	872.18	7.22	.14
	RETURN TO INVESTMENT (A-E+C4) .6 %	1,572.50	13.02	.26
	RETURN TO EQUITY (A-E)	74.34	.62	.01
INVESTMENT				
	Land	219,972.76	1,821.59	
	Buildings	10,374.27	85.91	
	Machinery	45,430.47	376.21	
	Irr. Machinery	.00	.00	
	TOTAL	275,777.50	2,283.71	
MANAGEMENT				
	Yield Per Acre (Bushel)		50.79	
	Expected Market Price Per Bushel		5.19	

2009 Crops Enterprise Analysis

Rented Dryland Spring Wheat

Acres Cropped: 130.51

Enterprises: 32

	Total \$	\$/Acre	\$/Bushel
(A) 1. Crop Sales - Imputed Value of Production	28,179.22	215.91	4.95
2. Crop Insurance Receipts	1,381.54	10.59	
3. Miscellaneous Receipts	700.91	5.37	
4. Government Program	24.50	.19	
5. Additional Revenue from Straw / Aftermath Grazing	663.13	5.08	
GROSS RETURN	30,949.29	237.14	5.44
(B) 1. Seed & Seed Cleaning	2,234.68	17.12	
2. Fertilizer Rates: 78N 19P 18K 4S	10,753.75	82.40	
3. Chemicals	3,876.09	29.70	
4. Hail / Crop Insurance & Program Premiums	1,759.51	13.48	
5. Trucking & Marketing	489.48	3.75	
6. Fuel	1,615.03	12.37	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	1,440.38	11.04	
9. Repairs - Buildings	830.31	6.36	
10. Utilities & Miscellaneous Expenses	2,645.75	20.27	
11. Custom Work & Specialized Labour	634.47	4.86	
12. Operating Interest Paid	196.63	1.51	
13. Paid Labour & Benefits (52.21 hours)	1,493.45	11.44	
14. Unpaid Labour (134.64 hours)	1,345.57	10.31	
VARIABLE COSTS	29,315.11	224.62	5.15
(C) 1. Cash/Share Rent & Land Lease	6,067.93	46.49	
2. Taxes, Water Rates, Lic. & Insurance	408.19	3.13	
3. Equipment & Building a) Depreciation	5,101.77	39.09	
b) Lease Payments	212.54	1.63	
4. Paid Capital Interest	798.85	6.12	
TOTAL CAPITAL COSTS	12,589.29	96.46	2.21
(D) CASH COSTS (B+C-B14-C3)	35,457.06	271.68	6.23
(E) TOTAL PRODUCTION COSTS (B+C)	41,904.40	321.08	7.37
(F) GROSS MARGIN (A-D)	(4,507.77)	(34.54)	(.79)
RETURN TO UNPAID LABOUR(A-E+B14)	(9,609.53)	(73.63)	(1.69)
RETURN TO INVESTMENT (A-E+C4) -16.5 %	(10,156.25)	(77.82)	(1.79)
RETURN TO EQUITY (A-E)	(10,955.11)	(83.94)	(1.93)
INVESTMENT			
Land	.00	.00	
Buildings	9,622.70	73.73	
Machinery	51,770.83	396.68	
Irr. Machinery	.00	.00	
TOTAL	61,393.53	470.41	
MANAGEMENT			
Yield Per Acre (Bushel)		43.59	
Expected Market Price Per Bushel		4.95	

2009 Crops Enterprise Analysis

All Dryland CPS Wheat

Acres Cropped: 180.76

Enterprises: 21

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	43,117.00	238.53	4.14
	2. Crop Insurance Receipts	12,264.27	67.85	
	3. Miscellaneous Receipts	2,873.61	15.90	
	4. Government Program	445.10	2.46	
	5. Additional Revenue from Straw / Aftermath Grazing	178.33	.99	
GROSS RETURN		58,878.31	325.72	5.65
(B)	1. Seed & Seed Cleaning	3,995.87	22.11	
	2. Fertilizer Rates: 93N 27P 14K 11S	18,932.40	104.74	
	3. Chemicals	6,234.11	34.49	
	4. Hail / Crop Insurance & Program Premiums	3,979.61	22.02	
	5. Trucking & Marketing	1,003.93	5.55	
	6. Fuel	2,619.34	14.49	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	3,075.97	17.02	
	9. Repairs - Buildings	1,332.54	7.37	
	10. Utilities & Miscellaneous Expenses	2,797.50	15.48	
	11. Custom Work & Specialized Labour	2,561.45	14.17	
	12. Operating Interest Paid	171.28	.95	
	13. Paid Labour & Benefits (55.12 hours)	1,494.67	8.27	
	14. Unpaid Labour (164.52 hours)	1,645.18	9.10	
VARIABLE COSTS		49,843.85	275.74	4.78
(C)	1. Cash/Share Rent & Land Lease	3,438.09	19.02	
	2. Taxes, Water Rates, Lic. & Insurance	1,406.18	7.78	
	3. Equipment & Building a) Depreciation	13,028.32	72.07	
	b) Lease Payments	832.22	4.60	
	4. Paid Capital Interest	1,265.64	7.00	
TOTAL CAPITAL COSTS		19,970.46	110.48	1.92
(D)	CASH COSTS (B+C-B14-C3)	55,140.81	305.05	5.29
(E)	TOTAL PRODUCTION COSTS (B+C)	69,814.30	386.22	6.70
(F)	GROSS MARGIN (A-D)	3,737.50	20.68	.36
	RETURN TO UNPAID LABOUR(A-E+B14)	(9,290.81)	(51.40)	(.89)
	RETURN TO INVESTMENT (A-E+C4) -2.6 %	(9,670.35)	(53.50)	(.93)
	RETURN TO EQUITY (A-E)	(10,935.99)	(60.50)	(1.05)
INVESTMENT				
	Land	201,761.90	1,116.17	
	Buildings	45,244.08	250.30	
	Machinery	120,400.24	666.07	
	Irr. Machinery	.00	.00	
	TOTAL	367,406.23	2,032.54	
MANAGEMENT				
	Yield Per Acre (Bushel)		57.67	
	Expected Market Price Per Bushel		4.14	

2009 Crops Enterprise Analysis

All Dryland CPS Wheat		Group AVG	Top 1/3 AVG
Acres Cropped:		180.76	170.86
Enterprises:		21	7
		\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	238.53	328.53
	2. Crop Insurance Receipts	67.85	11.71
	3. Miscellaneous Receipts	15.90	5.11
	4. Government Program	2.46	6.60
	5. Additional Revenue from Straw / Aftermath Grazing	.99	3.13
GROSS RETURN		325.72	355.07
(B)	1. Seed & Seed Cleaning	22.11	12.55
	2. Fertilizer	104.74	110.13
	3. Chemicals	34.49	28.34
	4. Hail / Crop Insurance & Program Premiums	22.02	17.21
	5. Trucking & Marketing	5.55	5.73
	6. Fuel	14.49	14.53
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	17.02	11.25
	9. Repairs - Buildings	7.37	1.61
	10. Utilities & Miscellaneous Expenses	15.48	15.11
	11. Custom Work & Specialized Labour	14.17	7.79
	12. Operating Interest Paid	.95	2.29
	13. Paid Labour & Benefits	8.27	14.05
	14. Unpaid Labour	9.10	7.08
VARIABLE COSTS		275.74	247.67
(C)	1. Cash/Share Rent & Land Lease	19.02	5.85
	2. Taxes, Water Rates, Lic. & Insurance	7.78	5.49
	3. Equipment & Building a) Depreciation	72.07	48.13
	b) Lease Payments	4.60	.00
	4. Paid Capital Interest	7.00	13.05
TOTAL CAPITAL COSTS		110.48	72.53
(D)	CASH COSTS (B+C-B14-C3)	305.05	264.98
(E)	TOTAL PRODUCTION COSTS (B+C)	386.22	320.20
(F)	GROSS MARGIN (A-D)	20.68	90.09
	RETURN TO UNPAID LABOUR(A-E+B14)	(51.40)	41.96
	RETURN TO INVESTMENT (A-E+C4)	(53.50)	47.93
	RETURN TO EQUITY (A-E)	(60.50)	34.88
INVESTMENT			
	Land	1,116.17	1,669.73
	Buildings	250.30	181.99
	Machinery	666.07	432.33
	Irr. Mach.	.00	.00
TOTAL		2,032.54	2,284.05
MANAGEMENT			
	Yield Per Acre (Bushel)	57.67	76.95
	Expected Market Price Per Bushel	4.14	4.27

2009 Crops Enterprise Analysis

Owned Dryland CPS Wheat

Acres Cropped: 181.78

Enterprises: 9

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	51,392.09	282.72	4.27
	2. Crop Insurance Receipts	5,816.44	32.00	
	3. Miscellaneous Receipts	2,540.69	13.98	
	4. Government Program	984.56	5.42	
	5. Additional Revenue from Straw / Aftermath Grazing	416.11	2.29	
GROSS RETURN		61,149.90	336.40	5.08
(B)	1. Seed & Seed Cleaning	3,140.51	17.28	
	2. Fertilizer Rates: 95N 32P 16K 11S	21,156.68	116.39	
	3. Chemicals	6,256.05	34.42	
	4. Hail / Crop Insurance & Program Premiums	3,514.16	19.33	
	5. Trucking & Marketing	803.32	4.42	
	6. Fuel	2,771.44	15.25	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	2,953.50	16.25	
	9. Repairs - Buildings	938.11	5.16	
	10. Utilities & Miscellaneous Expenses	2,732.46	15.03	
	11. Custom Work & Specialized Labour	2,160.28	11.88	
	12. Operating Interest Paid	356.66	1.96	
	13. Paid Labour & Benefits (58.12 hours)	2,270.37	12.49	
	14. Unpaid Labour (123.80 hours)	1,238.00	6.81	
VARIABLE COSTS		50,291.55	276.67	4.18
(C)	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	1,422.76	7.83	
	3. Equipment & Building a) Depreciation	10,827.03	59.56	
	b) Lease Payments	606.83	3.34	
	4. Paid Capital Interest	1,436.83	7.90	
TOTAL CAPITAL COSTS		14,293.45	78.63	1.19
(D)	CASH COSTS (B+C-B14-C3)	52,519.97	288.92	4.36
(E)	TOTAL PRODUCTION COSTS (B+C)	64,585.00	355.30	5.36
(F)	GROSS MARGIN (A-D)	8,629.92	47.48	.72
	RETURN TO UNPAID LABOUR(A-E+B14)	(2,197.11)	(12.09)	(.18)
	RETURN TO INVESTMENT (A-E+C4) -.4 %	(1,998.28)	(10.99)	(.17)
	RETURN TO EQUITY (A-E)	(3,435.10)	(18.90)	(.29)
INVESTMENT				
	Land	423,444.44	2,329.46	
	Buildings	37,708.24	207.44	
	Machinery	101,592.99	558.89	
	Irr. Machinery	.00	.00	
	TOTAL	562,745.67	3,095.79	
MANAGEMENT				
	Yield Per Acre (Bushel)		66.25	
	Expected Market Price Per Bushel		4.27	

2009 Crops Enterprise Analysis

Rented Dryland CPS Wheat

Acres Cropped: 130.80

Enterprises: 10

	Total \$	\$/Acre	\$/Bushel
(A) 1. Crop Sales - Imputed Value of Production	29,011.35	221.80	4.01
2. Crop Insurance Receipts	7,448.27	56.94	
3. Miscellaneous Receipts	687.32	5.25	
4. Government Program	48.60	.37	
5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
GROSS RETURN	37,195.54	284.37	5.14
(B) 1. Seed & Seed Cleaning	2,791.60	21.34	
2. Fertilizer Rates: 93N 22P 9K 7S	10,448.72	79.88	
3. Chemicals	3,622.07	27.69	
4. Hail / Crop Insurance & Program Premiums	2,301.91	17.60	
5. Trucking & Marketing	836.48	6.40	
6. Fuel	1,717.88	13.13	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	1,480.10	11.32	
9. Repairs - Buildings	632.37	4.83	
10. Utilities & Miscellaneous Expenses	1,917.24	14.66	
11. Custom Work & Specialized Labour	1,335.46	10.21	
12. Operating Interest Paid	38.69	.30	
13. Paid Labour & Benefits (55.44 hours)	935.15	7.15	
14. Unpaid Labour (149.02 hours)	1,490.20	11.39	
VARIABLE COSTS	29,547.86	225.90	4.09
(C) 1. Cash/Share Rent & Land Lease	7,219.14	55.19	
2. Taxes, Water Rates, Lic. & Insurance	849.97	6.50	
3. Equipment & Building a) Depreciation	9,269.58	70.87	
b) Lease Payments	189.96	1.45	
4. Paid Capital Interest	1,364.69	10.43	
TOTAL CAPITAL COSTS	18,893.36	144.44	2.61
(D) CASH COSTS (B+C-B14-C3)	37,681.43	288.08	5.21
(E) TOTAL PRODUCTION COSTS (B+C)	48,441.22	370.35	6.70
(F) GROSS MARGIN (A-D)	(485.89)	(3.71)	(.07)
RETURN TO UNPAID LABOUR(A-E+B14)	(9,755.47)	(74.58)	(1.35)
RETURN TO INVESTMENT (A-E+C4) -8.7 %	(9,880.98)	(75.54)	(1.37)
RETURN TO EQUITY (A-E)	(11,245.68)	(85.98)	(1.56)
INVESTMENT			
Land	.00	.00	
Buildings	30,624.36	234.13	
Machinery	82,517.23	630.87	
Irr. Machinery	.00	.00	
TOTAL	113,141.59	865.00	
MANAGEMENT			
Yield Per Acre (Bushel)		55.28	
Expected Market Price Per Bushel		4.01	

2009 Crops Enterprise Analysis

All Dryland Malt Barley

Acres Cropped: 114.97

Enterprises: 32

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	27,634.51	240.37	3.92
	2. Crop Insurance Receipts	1,354.11	11.78	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	360.25	3.13	
GROSS RETURN		29,348.87	255.28	4.16
(B)	1. Seed & Seed Cleaning	1,568.90	13.65	
	2. Fertilizer Rates: 55N 18P 12K 3S	6,144.21	53.44	
	3. Chemicals	2,948.26	25.64	
	4. Hail / Crop Insurance & Program Premiums	1,515.49	13.18	
	5. Trucking & Marketing	266.71	2.32	
	6. Fuel	1,670.33	14.53	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,956.33	17.02	
	9. Repairs - Buildings	482.44	4.20	
	10. Utilities & Miscellaneous Expenses	1,628.24	14.16	
	11. Custom Work & Specialized Labour	274.59	2.39	
	12. Operating Interest Paid	97.24	.85	
	13. Paid Labour & Benefits (82.05 hours)	1,637.52	14.24	
	14. Unpaid Labour (109.15 hours)	1,091.49	9.49	
VARIABLE COSTS		21,281.74	185.11	3.02
(C)	1. Cash/Share Rent & Land Lease	1,969.19	17.13	
	2. Taxes, Water Rates, Lic. & Insurance	842.26	7.33	
	3. Equipment & Building a) Depreciation	5,581.36	48.55	
	b) Lease Payments	64.45	.56	
	4. Paid Capital Interest	694.59	6.04	
TOTAL CAPITAL COSTS		9,151.85	79.60	1.30
(D)	CASH COSTS (B+C-B14-C3)	23,760.74	206.67	3.37
(E)	TOTAL PRODUCTION COSTS (B+C)	30,433.59	264.71	4.32
(F)	GROSS MARGIN (A-D)	5,588.13	48.61	.79
	RETURN TO UNPAID LABOUR(A-E+B14)	6.77	.06	.00
	RETURN TO INVESTMENT (A-E+C4) -.2 %	(390.13)	(3.39)	(.06)
	RETURN TO EQUITY (A-E)	(1,084.73)	(9.43)	(.15)
INVESTMENT				
	Land	167,323.44	1,455.38	
	Buildings	18,868.82	164.12	
	Machinery	51,177.78	445.15	
	Irr. Machinery	.00	.00	
	TOTAL	237,370.04	2,064.65	
MANAGEMENT				
	Yield Per Acre (Bushel)		61.33	
	Expected Market Price Per Bushel		3.92	

2009 Crops Enterprise Analysis

All Dryland Malt Barley		Group AVG	Top 1/3 AVG
Acres Cropped:		114.97	128.55
Enterprises:		32	11
		\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	240.37	309.05
	2. Crop Insurance Receipts	11.78	14.84
	3. Miscellaneous Receipts	.00	.00
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	3.13	7.00
GROSS RETURN		255.28	330.88
(B)	1. Seed & Seed Cleaning	13.65	12.19
	2. Fertilizer	53.44	44.65
	3. Chemicals	25.64	24.49
	4. Hail / Crop Insurance & Program Premiums	13.18	11.58
	5. Trucking & Marketing	2.32	3.03
	6. Fuel	14.53	10.48
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	17.02	13.98
	9. Repairs - Buildings	4.20	1.59
	10. Utilities & Miscellaneous Expenses	14.16	9.48
	11. Custom Work & Specialized Labour	2.39	2.03
	12. Operating Interest Paid	.85	.33
	13. Paid Labour & Benefits	14.24	12.01
	14. Unpaid Labour	9.49	5.52
VARIABLE COSTS		185.11	151.35
(C)	1. Cash/Share Rent & Land Lease	17.13	9.73
	2. Taxes, Water Rates, Lic. & Insurance	7.33	6.76
	3. Equipment & Building a) Depreciation	48.55	46.46
	b) Lease Payments	.56	1.22
	4. Paid Capital Interest	6.04	7.21
TOTAL CAPITAL COSTS		79.60	71.38
(D)	CASH COSTS (B+C-B14-C3)	206.67	170.75
(E)	TOTAL PRODUCTION COSTS (B+C)	264.71	222.73
(F)	GROSS MARGIN (A-D)	48.61	160.14
	RETURN TO UNPAID LABOUR(A-E+B14)	.06	113.67
	RETURN TO INVESTMENT (A-E+C4)	(3.39)	115.35
	RETURN TO EQUITY (A-E)	(9.43)	108.15
INVESTMENT			
	Land	1,455.38	1,601.52
	Buildings	164.12	197.65
	Machinery	445.15	406.69
	Irr. Mach.	.00	.00
TOTAL		2,064.65	2,205.86
MANAGEMENT			
	Yield Per Acre (Bushel)	61.33	68.48
	Expected Market Price Per Bushel	3.92	4.51

2009 Crops Enterprise Analysis

Owned Dryland Malt Barley

Acres Cropped: 122.78

Enterprises: 18

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	30,034.56	244.63	3.87
	2. Crop Insurance Receipts	1,691.96	13.78	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	550.00	4.48	
GROSS RETURN		32,276.52	262.89	4.16
(B)	1. Seed & Seed Cleaning	1,662.16	13.54	
	2. Fertilizer Rates: 60N 19P 13K 3S	7,265.36	59.17	
	3. Chemicals	3,059.42	24.92	
	4. Hail / Crop Insurance & Program Premiums	1,792.87	14.60	
	5. Trucking & Marketing	227.58	1.85	
	6. Fuel	1,652.51	13.46	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,753.29	14.28	
	9. Repairs - Buildings	605.45	4.93	
	10. Utilities & Miscellaneous Expenses	1,652.52	13.46	
	11. Custom Work & Specialized Labour	277.41	2.26	
	12. Operating Interest Paid	110.59	.90	
	13. Paid Labour & Benefits (91.65 hours)	1,945.17	15.84	
	14. Unpaid Labour (102.24 hours)	1,022.36	8.33	
VARIABLE COSTS		23,026.68	187.55	2.97
(C)	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	1,078.72	8.79	
	3. Equipment & Building a) Depreciation	6,200.58	50.50	
	b) Lease Payments	72.27	.59	
	4. Paid Capital Interest	1,020.22	8.31	
TOTAL CAPITAL COSTS		8,371.79	68.19	1.08
(D)	CASH COSTS (B+C-B14-C3)	24,175.53	196.90	3.12
(E)	TOTAL PRODUCTION COSTS (B+C)	31,398.47	255.73	4.05
(F)	GROSS MARGIN (A-D)	8,100.99	65.98	1.04
	RETURN TO UNPAID LABOUR(A-E+B14)	1,900.41	15.48	.25
	RETURN TO INVESTMENT (A-E+C4) .5 %	1,898.27	15.46	.24
	RETURN TO EQUITY (A-E)	878.05	7.15	.11
INVESTMENT				
	Land	297,463.89	2,422.78	
	Buildings	21,079.24	171.69	
	Machinery	56,860.48	463.12	
	Irr. Machinery	.00	.00	
	TOTAL	375,403.61	3,057.59	
MANAGEMENT				
	Yield Per Acre (Bushel)		63.16	
	Expected Market Price Per Bushel		3.87	

2009 Crops Enterprise Analysis

Rented Dryland Malt Barley

Acres Cropped: 104.93

Enterprises: 14

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	24,548.73	233.96	3.99
	2. Crop Insurance Receipts	919.73	8.77	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	116.29	1.11	
GROSS RETURN		25,584.74	243.83	4.16
(B)	1. Seed & Seed Cleaning	1,449.00	13.81	
	2. Fertilizer Rates: 48N 16P 11K 3S	4,702.72	44.82	
	3. Chemicals	2,805.33	26.74	
	4. Hail / Crop Insurance & Program Premiums	1,158.86	11.04	
	5. Trucking & Marketing	317.03	3.02	
	6. Fuel	1,693.23	16.14	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	2,217.38	21.13	
	9. Repairs - Buildings	324.29	3.09	
	10. Utilities & Miscellaneous Expenses	1,597.03	15.22	
	11. Custom Work & Specialized Labour	270.97	2.58	
	12. Operating Interest Paid	80.07	.76	
	13. Paid Labour & Benefits (69.71 hours)	1,241.96	11.84	
	14. Unpaid Labour (118.04 hours)	1,180.38	11.25	
VARIABLE COSTS		19,038.25	181.44	3.10
(C)	1. Cash/Share Rent & Land Lease	4,501.00	42.90	
	2. Taxes, Water Rates, Lic. & Insurance	538.24	5.13	
	3. Equipment & Building a) Depreciation	4,785.22	45.60	
	b) Lease Payments	54.40	.52	
	4. Paid Capital Interest	275.93	2.63	
TOTAL CAPITAL COSTS		10,154.79	96.78	1.65
(D)	CASH COSTS (B+C-B14-C3)	23,227.44	221.36	3.78
(E)	TOTAL PRODUCTION COSTS (B+C)	29,193.04	278.22	4.75
(F)	GROSS MARGIN (A-D)	2,357.30	22.47	.38
	RETURN TO UNPAID LABOUR(A-E+B14)	(2,427.92)	(23.14)	(.40)
	RETURN TO INVESTMENT (A-E+C4) -5.6 %	(3,332.37)	(31.76)	(.54)
	RETURN TO EQUITY (A-E)	(3,608.30)	(34.39)	(.59)
INVESTMENT				
	Land	.00	.00	
	Buildings	16,026.85	152.74	
	Machinery	43,871.45	418.11	
	Irr. Machinery	.00	.00	
	TOTAL	59,898.30	570.85	
MANAGEMENT				
	Yield Per Acre (Bushel)		58.57	
	Expected Market Price Per Bushel		3.99	

2009 Crops Enterprise Analysis

All Dryland Feed Barley

Acres Cropped: 153.34

Enterprises: 71

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	31,115.61	202.92	3.04
	2. Crop Insurance Receipts	4,354.38	28.40	
	3. Miscellaneous Receipts	343.31	2.24	
	4. Government Program	177.79	1.16	
	5. Additional Revenue from Straw / Aftermath Grazing	1,988.22	12.97	
	GROSS RETURN	37,979.31	247.68	3.71
(B)	1. Seed & Seed Cleaning	1,923.12	12.54	
	2. Fertilizer Rates: 70N 23P 13K 5S	10,559.13	68.86	
	3. Chemicals	3,879.90	25.30	
	4. Hail / Crop Insurance & Program Premiums	1,970.53	12.85	
	5. Trucking & Marketing	570.38	3.72	
	6. Fuel	1,908.94	12.45	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,848.35	12.05	
	9. Repairs - Buildings	323.63	2.11	
	10. Utilities & Miscellaneous Expenses	1,719.24	11.21	
	11. Custom Work & Specialized Labour	587.96	3.83	
	12. Operating Interest Paid	244.02	1.59	
	13. Paid Labour & Benefits (41.16 hours)	918.27	5.99	
	14. Unpaid Labour (125.98 hours)	1,259.05	8.21	
	VARIABLE COSTS	27,712.52	180.73	2.70
(C)	1. Cash/Share Rent & Land Lease	3,411.65	22.25	
	2. Taxes, Water Rates, Lic. & Insurance	592.56	3.86	
	3. Equipment & Building a) Depreciation	5,142.30	33.54	
	b) Lease Payments	330.79	2.16	
	4. Paid Capital Interest	1,252.64	8.17	
	TOTAL CAPITAL COSTS	10,729.94	69.98	1.05
(D)	CASH COSTS (B+C-B14-C3)	32,041.11	208.96	3.13
(E)	TOTAL PRODUCTION COSTS (B+C)	38,442.45	250.70	3.75
(F)	GROSS MARGIN (A-D)	5,938.20	38.73	.58
	RETURN TO UNPAID LABOUR(A-E+B14)	795.90	5.19	.08
	RETURN TO INVESTMENT (A-E+C4) .5 %	789.50	5.15	.08
	RETURN TO EQUITY (A-E)	(463.14)	(3.02)	(.05)
INVESTMENT				
	Land	102,528.73	668.64	
	Buildings	13,665.21	89.12	
	Machinery	49,199.07	320.85	
	Irr. Machinery	.00	.00	
	TOTAL	165,393.02	1,078.61	
MANAGEMENT				
	Yield Per Acre (Bushel)		66.83	
	Expected Market Price Per Bushel		3.04	

2009 Crops Enterprise Analysis

All Dryland Feed Barley		Group AVG	Top 1/3 AVG
Acres Cropped:		153.34	215.42
Enterprises:		71	24
		\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	202.92	215.50
	2. Crop Insurance Receipts	28.40	39.16
	3. Miscellaneous Receipts	2.24	1.59
	4. Government Program	1.16	1.03
	5. Additional Revenue from Straw / Aftermath Grazing	12.97	19.82
GROSS RETURN		247.68	277.11
(B)	1. Seed & Seed Cleaning	12.54	11.72
	2. Fertilizer	68.86	54.66
	3. Chemicals	25.30	21.33
	4. Hail / Crop Insurance & Program Premiums	12.85	11.25
	5. Trucking & Marketing	3.72	2.50
	6. Fuel	12.45	11.69
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	12.05	12.49
	9. Repairs - Buildings	2.11	1.71
	10. Utilities & Miscellaneous Expenses	11.21	6.82
	11. Custom Work & Specialized Labour	3.83	2.37
	12. Operating Interest Paid	1.59	1.15
	13. Paid Labour & Benefits	5.99	2.98
	14. Unpaid Labour	8.21	7.47
VARIABLE COSTS		180.73	148.13
(C)	1. Cash/Share Rent & Land Lease	22.25	22.97
	2. Taxes, Water Rates, Lic. & Insurance	3.86	3.02
	3. Equipment & Building a) Depreciation	33.54	24.05
	b) Lease Payments	2.16	3.53
	4. Paid Capital Interest	8.17	5.07
TOTAL CAPITAL COSTS		69.98	58.63
(D)	CASH COSTS (B+C-B14-C3)	208.96	175.25
(E)	TOTAL PRODUCTION COSTS (B+C)	250.70	206.77
(F)	GROSS MARGIN (A-D)	38.73	101.86
	RETURN TO UNPAID LABOUR(A-E+B14)	5.19	77.82
	RETURN TO INVESTMENT (A-E+C4)	5.15	75.41
	RETURN TO EQUITY (A-E)	(3.02)	70.34
INVESTMENT			
	Land	668.64	498.70
	Buildings	89.12	56.28
	Machinery	320.85	235.68
	Irr. Mach.	.00	.00
TOTAL		1,078.61	790.67
MANAGEMENT			
	Yield Per Acre (Bushel)	66.83	69.14
	Expected Market Price Per Bushel	3.04	3.12

2009 Crops Enterprise Analysis

Owned Dryland Feed Barley

Acres Cropped: 161.36

Enterprises: 31

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	33,403.29	207.02	3.00
	2. Crop Insurance Receipts	3,760.11	23.30	
	3. Miscellaneous Receipts	253.03	1.57	
	4. Government Program	300.93	1.87	
	5. Additional Revenue from Straw / Aftermath Grazing	2,174.14	13.47	
GROSS RETURN		39,891.50	247.23	3.59
(B)	1. Seed & Seed Cleaning	2,097.91	13.00	
	2. Fertilizer Rates: 67N 23P 14K 6S	11,359.83	70.40	
	3. Chemicals	4,423.71	27.42	
	4. Hail / Crop Insurance & Program Premiums	2,049.92	12.70	
	5. Trucking & Marketing	626.24	3.88	
	6. Fuel	2,068.54	12.82	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,579.42	9.79	
	9. Repairs - Buildings	233.28	1.45	
	10. Utilities & Miscellaneous Expenses	1,265.02	7.84	
	11. Custom Work & Specialized Labour	603.46	3.74	
	12. Operating Interest Paid	330.88	2.05	
	13. Paid Labour & Benefits (50.55 hours)	1,205.34	7.47	
	14. Unpaid Labour (116.08 hours)	1,160.77	7.19	
VARIABLE COSTS		29,004.33	179.75	2.61
(C)	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	832.01	5.16	
	3. Equipment & Building a) Depreciation	5,757.24	35.68	
	b) Lease Payments	255.36	1.58	
	4. Paid Capital Interest	1,934.70	11.99	
TOTAL CAPITAL COSTS		8,779.31	54.41	.79
(D)	CASH COSTS (B+C-B14-C3)	30,865.63	191.29	2.77
(E)	TOTAL PRODUCTION COSTS (B+C)	37,783.64	234.16	3.40
(F)	GROSS MARGIN (A-D)	9,025.87	55.94	.81
	RETURN TO UNPAID LABOUR(A-E+B14)	3,268.63	20.26	.29
	RETURN TO INVESTMENT (A-E+C4) 1.3 %	4,042.57	25.05	.36
	RETURN TO EQUITY (A-E)	2,107.86	13.06	.19
INVESTMENT				
	Land	234,823.87	1,455.32	
	Buildings	15,274.34	94.66	
	Machinery	55,425.86	343.50	
	Irr. Machinery	.00	.00	
	TOTAL	305,524.07	1,893.48	
MANAGEMENT				
	Yield Per Acre (Bushel)		68.95	
	Expected Market Price Per Bushel		3.00	

2009 Crops Enterprise Analysis

Rented Dryland Feed Barley

Acres Cropped: 147.13

Enterprises: 40

	Total \$	\$/Acre	\$/Bushel
(A) 1. Crop Sales - Imputed Value of Production	29,342.66	199.44	3.07
2. Crop Insurance Receipts	4,814.93	32.73	
3. Miscellaneous Receipts	413.27	2.81	
4. Government Program	82.35	.56	
5. Additional Revenue from Straw / Aftermath Grazing	1,844.14	12.53	
GROSS RETURN	36,497.36	248.07	3.81
(B) 1. Seed & Seed Cleaning	1,787.65	12.15	
2. Fertilizer Rates: 72N 22P 12K 5S	9,938.59	67.55	
3. Chemicals	3,458.45	23.51	
4. Hail / Crop Insurance & Program Premiums	1,908.99	12.98	
5. Trucking & Marketing	527.10	3.58	
6. Fuel	1,785.24	12.13	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	2,056.77	13.98	
9. Repairs - Buildings	393.64	2.68	
10. Utilities & Miscellaneous Expenses	2,071.26	14.08	
11. Custom Work & Specialized Labour	575.94	3.91	
12. Operating Interest Paid	176.71	1.20	
13. Paid Labour & Benefits (33.88 hours)	695.79	4.73	
14. Unpaid Labour (133.66 hours)	1,335.21	9.08	
VARIABLE COSTS	26,711.36	181.56	2.79
(C) 1. Cash/Share Rent & Land Lease	6,055.68	41.16	
2. Taxes, Water Rates, Lic. & Insurance	406.98	2.77	
3. Equipment & Building a) Depreciation	4,665.72	31.71	
b) Lease Payments	389.25	2.65	
4. Paid Capital Interest	724.05	4.92	
TOTAL CAPITAL COSTS	12,241.67	83.21	1.28
(D) CASH COSTS (B+C-B14-C3)	32,952.10	223.97	3.44
(E) TOTAL PRODUCTION COSTS (B+C)	38,953.03	264.76	4.07
(F) GROSS MARGIN (A-D)	3,545.26	24.10	.37
RETURN TO UNPAID LABOUR(A-E+B14)	(1,120.46)	(7.62)	(.12)
RETURN TO INVESTMENT (A-E+C4) -3.0 %	(1,731.63)	(11.77)	(.18)
RETURN TO EQUITY (A-E)	(2,455.68)	(16.69)	(.26)
INVESTMENT			
Land	.00	.00	
Buildings	12,418.13	84.41	
Machinery	44,373.32	301.60	
Irr. Machinery	.00	.00	
TOTAL	56,791.45	386.01	
MANAGEMENT			
Yield Per Acre (Bushel)		65.03	
Expected Market Price Per Bushel		3.07	

2009 Crops Enterprise Analysis

All Dryland Oats

Acres Cropped: 95.57

Enterprises: 21

	Total \$	\$/Acre	\$/Bushel
(A) 1. Crop Sales - Imputed Value of Production	16,319.92	170.76	2.34
2. Crop Insurance Receipts	2,207.64	23.10	
3. Miscellaneous Receipts	85.44	.89	
4. Government Program	3.36	.04	
5. Additional Revenue from Straw / Aftermath Grazing	2,206.15	23.08	
GROSS RETURN	20,822.52	217.87	2.99
(B) 1. Seed & Seed Cleaning	916.69	9.59	
2. Fertilizer Rates: 42N 19P 8K 3S	4,803.51	50.26	
3. Chemicals	1,170.96	12.25	
4. Hail / Crop Insurance & Program Premiums	942.77	9.86	
5. Trucking & Marketing	478.80	5.01	
6. Fuel	1,329.19	13.91	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	1,475.04	15.43	
9. Repairs - Buildings	343.10	3.59	
10. Utilities & Miscellaneous Expenses	1,488.76	15.58	
11. Custom Work & Specialized Labour	372.20	3.89	
12. Operating Interest Paid	147.41	1.54	
13. Paid Labour & Benefits (41.08 hours)	839.36	8.78	
14. Unpaid Labour (95.76 hours)	957.34	10.02	
VARIABLE COSTS	15,265.13	159.72	2.19
(C) 1. Cash/Share Rent & Land Lease	367.81	3.85	
2. Taxes, Water Rates, Lic. & Insurance	566.17	5.92	
3. Equipment & Building a) Depreciation	3,046.42	31.88	
b) Lease Payments	83.67	.88	
4. Paid Capital Interest	713.86	7.47	
TOTAL CAPITAL COSTS	4,777.92	49.99	.69
(D) CASH COSTS (B+C-B14-C3)	16,039.28	167.83	2.30
(E) TOTAL PRODUCTION COSTS (B+C)	20,043.05	209.72	2.88
(F) GROSS MARGIN (A-D)	4,783.23	50.05	.69
RETURN TO UNPAID LABOUR(A-E+B14)	1,736.81	18.17	.25
RETURN TO INVESTMENT (A-E+C4) .9 %	1,493.33	15.63	.21
RETURN TO EQUITY (A-E)	779.47	8.16	.11
INVESTMENT			
Land	134,997.62	1,412.53	
Buildings	13,196.99	138.09	
Machinery	26,247.64	274.64	
Irr. Machinery	.00	.00	
TOTAL	174,442.24	1,825.26	
MANAGEMENT			
Yield Per Acre (Bushel)		72.85	
Expected Market Price Per Bushel		2.34	

2009 Crops Enterprise Analysis

All Dryland Oats		Group AVG	Top 1/3 AVG
Acres Cropped:		95.57	92.57
Enterprises:		21	7
		\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	170.76	237.08
	2. Crop Insurance Receipts	23.10	35.44
	3. Miscellaneous Receipts	.89	.16
	4. Government Program	.04	.00
	5. Additional Revenue from Straw / Aftermath Grazing	23.08	20.05
GROSS RETURN		217.87	292.72
(B)	1. Seed & Seed Cleaning	9.59	10.96
	2. Fertilizer	50.26	56.70
	3. Chemicals	12.25	12.32
	4. Hail / Crop Insurance & Program Premiums	9.86	10.50
	5. Trucking & Marketing	5.01	2.61
	6. Fuel	13.91	11.73
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	15.43	10.09
	9. Repairs - Buildings	3.59	3.46
	10. Utilities & Miscellaneous Expenses	15.58	8.04
	11. Custom Work & Specialized Labour	3.89	2.43
	12. Operating Interest Paid	1.54	1.49
	13. Paid Labour & Benefits	8.78	11.22
	14. Unpaid Labour	10.02	7.23
VARIABLE COSTS		159.72	148.78
(C)	1. Cash/Share Rent & Land Lease	3.85	2.85
	2. Taxes, Water Rates, Lic. & Insurance	5.92	4.33
	3. Equipment & Building a) Depreciation	31.88	22.74
	b) Lease Payments	.88	2.58
	4. Paid Capital Interest	7.47	11.17
TOTAL CAPITAL COSTS		49.99	43.68
(D)	CASH COSTS (B+C-B14-C3)	167.83	162.50
(E)	TOTAL PRODUCTION COSTS (B+C)	209.72	192.46
(F)	GROSS MARGIN (A-D)	50.05	130.23
	RETURN TO UNPAID LABOUR(A-E+B14)	18.17	107.49
	RETURN TO INVESTMENT (A-E+C4)	15.63	111.43
	RETURN TO EQUITY (A-E)	8.16	100.26
INVESTMENT			
	Land	1,412.53	1,246.91
	Buildings	138.09	78.77
	Machinery	274.64	208.46
	Irr. Mach.	.00	.00
TOTAL		1,825.26	1,534.15
MANAGEMENT			
	Yield Per Acre (Bushel)	72.85	87.17
	Expected Market Price Per Bushel	2.34	2.72

2009 Crops Enterprise Analysis

Owned Dryland Oats

Acres Cropped: 100.19

Enterprises: 16

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	16,574.82	165.44	2.46
	2. Crop Insurance Receipts	2,530.47	25.26	
	3. Miscellaneous Receipts	107.63	1.07	
	4. Government Program	4.41	.04	
	5. Additional Revenue from Straw / Aftermath Grazing	2,193.69	21.90	
GROSS RETURN		21,411.02	213.71	3.17
(B)	1. Seed & Seed Cleaning	969.87	9.68	
	2. Fertilizer Rates: 36N 18P 9K 3S	5,004.73	49.95	
	3. Chemicals	1,248.66	12.46	
	4. Hail / Crop Insurance & Program Premiums	1,126.61	11.25	
	5. Trucking & Marketing	325.94	3.25	
	6. Fuel	1,378.46	13.76	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,705.81	17.03	
	9. Repairs - Buildings	423.14	4.22	
	10. Utilities & Miscellaneous Expenses	1,759.74	17.56	
	11. Custom Work & Specialized Labour	431.61	4.31	
	12. Operating Interest Paid	149.14	1.49	
	13. Paid Labour & Benefits (41.72 hours)	924.81	9.23	
	14. Unpaid Labour (100.41 hours)	1,004.05	10.02	
VARIABLE COSTS		16,452.58	164.22	2.44
(C)	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	694.11	6.93	
	3. Equipment & Building a) Depreciation	3,440.03	34.34	
	b) Lease Payments	109.81	1.10	
4. Paid Capital Interest	914.63	9.13		
TOTAL CAPITAL COSTS		5,158.58	51.49	.76
(D)	CASH COSTS (B+C-B14-C3)	17,167.07	171.35	2.54
(E)	TOTAL PRODUCTION COSTS (B+C)	21,611.16	215.71	3.20
(F)	GROSS MARGIN (A-D)	4,243.95	42.36	.63
	RETURN TO UNPAID LABOUR(A-E+B14)	803.92	8.02	.12
	RETURN TO INVESTMENT (A-E+C4) .3 %	714.49	7.13	.11
	RETURN TO EQUITY (A-E)	(200.14)	(2.00)	(.03)
INVESTMENT				
	Land	177,184.38	1,768.53	
	Buildings	14,012.95	139.87	
	Machinery	30,224.52	301.68	
	Irr. Machinery	.00	.00	
	TOTAL	221,421.84	2,210.07	
MANAGEMENT				
	Yield Per Acre (Bushel)		67.35	
	Expected Market Price Per Bushel		2.46	

2009 Crops Enterprise Analysis

Rented Dryland Oats

Acres Cropped: 80.80

Enterprises: 5

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	15,504.26	191.88	2.03
	2. Crop Insurance Receipts	1,174.58	14.54	
	3. Miscellaneous Receipts	14.44	.18	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	2,246.02	27.80	
GROSS RETURN		18,939.29	234.40	2.48
(B)	1. Seed & Seed Cleaning	746.50	9.24	
	2. Fertilizer Rates: 60N 24P 7K 2S	4,159.60	51.48	
	3. Chemicals	922.30	11.41	
	4. Hail / Crop Insurance & Program Premiums	354.48	4.39	
	5. Trucking & Marketing	967.95	11.98	
	6. Fuel	1,171.51	14.50	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	736.58	9.12	
	9. Repairs - Buildings	86.98	1.08	
	10. Utilities & Miscellaneous Expenses	621.61	7.69	
	11. Custom Work & Specialized Labour	182.10	2.25	
	12. Operating Interest Paid	141.85	1.76	
	13. Paid Labour & Benefits (39.04 hours)	565.92	7.00	
	14. Unpaid Labour (80.88 hours)	807.87	10.00	
VARIABLE COSTS		11,465.26	141.90	1.50
(C)	1. Cash/Share Rent & Land Lease	1,544.80	19.12	
	2. Taxes, Water Rates, Lic. & Insurance	156.76	1.94	
	3. Equipment & Building a) Depreciation	1,786.85	22.11	
	b) Lease Payments	.00	.00	
	4. Paid Capital Interest	71.42	.88	
TOTAL CAPITAL COSTS		3,559.83	44.06	.47
(D)	CASH COSTS (B+C-B14-C3)	12,430.36	153.84	1.62
(E)	TOTAL PRODUCTION COSTS (B+C)	15,025.09	185.95	1.96
(F)	GROSS MARGIN (A-D)	6,508.93	80.56	.85
	RETURN TO UNPAID LABOUR(A-E+B14)	4,722.08	58.44	.62
	RETURN TO INVESTMENT (A-E+C4) 16.5 %	3,985.63	49.33	.52
	RETURN TO EQUITY (A-E)	3,914.21	48.44	.51
INVESTMENT				
	Land	.00	.00	
	Buildings	10,585.93	131.01	
	Machinery	13,521.61	167.35	
	Irr. Machinery	.00	.00	
	TOTAL	24,107.53	298.36	
MANAGEMENT				
	Yield Per Acre (Bushel)		94.68	
	Expected Market Price Per Bushel		2.03	

2009 Crops Enterprise Analysis

All Dryland Canola

Acres Cropped: 152.35

Enterprises: 79

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	56,325.91	369.70	9.50
	2. Crop Insurance Receipts	756.67	4.97	
	3. Miscellaneous Receipts	728.43	4.78	
	4. Government Program	359.83	2.36	
	5. Additional Revenue from Straw / Aftermath Grazing	5.06	.03	
GROSS RETURN		58,175.90	381.84	9.82
(B)	1. Seed & Seed Cleaning	4,982.95	32.71	
	2. Fertilizer Rates: 94N 25P 17K 18S	15,943.86	104.65	
	3. Chemicals	4,238.11	27.82	
	4. Hail / Crop Insurance & Program Premiums	3,177.25	20.85	
	5. Trucking & Marketing	536.44	3.52	
	6. Fuel	2,131.13	13.99	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,836.18	12.05	
	9. Repairs - Buildings	624.28	4.10	
	10. Utilities & Miscellaneous Expenses	2,851.78	18.72	
	11. Custom Work & Specialized Labour	846.56	5.56	
	12. Operating Interest Paid	337.76	2.22	
	13. Paid Labour & Benefits (64.28 hours)	2,060.69	13.53	
	14. Unpaid Labour (121.61 hours)	1,215.61	7.98	
VARIABLE COSTS		40,782.60	267.68	6.88
(C)	1. Cash/Share Rent & Land Lease	3,708.44	24.34	
	2. Taxes, Water Rates, Lic. & Insurance	745.73	4.89	
	3. Equipment & Building a) Depreciation	6,339.07	41.61	
	b) Lease Payments	130.93	.86	
	4. Paid Capital Interest	1,526.84	10.02	
TOTAL CAPITAL COSTS		12,451.01	81.72	2.10
(D)	CASH COSTS (B+C-B14-C3)	45,678.94	299.82	7.71
(E)	TOTAL PRODUCTION COSTS (B+C)	53,233.62	349.41	8.98
(F)	GROSS MARGIN (A-D)	12,496.97	82.03	2.11
	RETURN TO UNPAID LABOUR(A-E+B14)	6,157.90	40.42	1.04
	RETURN TO INVESTMENT (A-E+C4) 2.6 %	6,469.13	42.46	1.09
	RETURN TO EQUITY (A-E)	4,942.29	32.44	.83
INVESTMENT				
	Land	167,232.28	1,097.65	
	Buildings	15,227.03	99.94	
	Machinery	62,355.81	409.28	
	Irr. Machinery	.00	.00	
	TOTAL	244,815.12	1,606.87	
MANAGEMENT				
	Yield Per Acre (Bushel)		38.90	
	Expected Market Price Per Bushel		9.50	

2009 Crops Enterprise Analysis

All Dryland Canola		Group AVG	Top 1/3 AVG
Acres Cropped:		152.35	198.31
Enterprises:		79	26
		\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	369.70	454.44
	2. Crop Insurance Receipts	4.97	2.03
	3. Miscellaneous Receipts	4.78	3.57
	4. Government Program	2.36	4.04
	5. Additional Revenue from Straw / Aftermath Grazing	.03	.08
GROSS RETURN		381.84	464.16
(B)	1. Seed & Seed Cleaning	32.71	32.02
	2. Fertilizer	104.65	104.31
	3. Chemicals	27.82	26.52
	4. Hail / Crop Insurance & Program Premiums	20.85	17.96
	5. Trucking & Marketing	3.52	2.52
	6. Fuel	13.99	15.52
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	12.05	12.07
	9. Repairs - Buildings	4.10	.25
	10. Utilities & Miscellaneous Expenses	18.72	13.27
	11. Custom Work & Specialized Labour	5.56	6.40
	12. Operating Interest Paid	2.22	2.68
	13. Paid Labour & Benefits	13.53	13.19
	14. Unpaid Labour	7.98	6.31
VARIABLE COSTS		267.68	253.01
(C)	1. Cash/Share Rent & Land Lease	24.34	17.14
	2. Taxes, Water Rates, Lic. & Insurance	4.89	3.76
	3. Equipment & Building a) Depreciation	41.61	35.09
	b) Lease Payments	.86	.28
	4. Paid Capital Interest	10.02	9.53
TOTAL CAPITAL COSTS		81.72	65.81
(D)	CASH COSTS (B+C-B14-C3)	299.82	277.42
(E)	TOTAL PRODUCTION COSTS (B+C)	349.41	318.81
(F)	GROSS MARGIN (A-D)	82.03	186.74
	RETURN TO UNPAID LABOUR(A-E+B14)	40.42	151.65
	RETURN TO INVESTMENT (A-E+C4)	42.46	154.88
	RETURN TO EQUITY (A-E)	32.44	145.34
INVESTMENT			
	Land	1,097.65	987.71
	Buildings	99.94	81.86
	Machinery	409.28	351.89
	Irr. Mach.	.00	.00
TOTAL		1,606.87	1,421.47
MANAGEMENT			
	Yield Per Acre (Bushel)	38.90	46.35
	Expected Market Price Per Bushel	9.50	9.81

2009 Crops Enterprise Analysis

All Dryland Liberty Link Canola

Acres Cropped: 162.59

Enterprises: 41

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	66,345.49	408.07	9.76
	2. Crop Insurance Receipts	905.97	5.57	
	3. Miscellaneous Receipts	1,129.82	6.95	
	4. Government Program	643.63	3.96	
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
	GROSS RETURN	69,024.91	424.55	10.16
(B)	1. Seed & Seed Cleaning	5,615.02	34.54	
	2. Fertilizer Rates: 101N 28P 21K 19S	20,147.94	123.92	
	3. Chemicals	4,690.09	28.85	
	4. Hail / Crop Insurance & Program Premiums	3,649.55	22.45	
	5. Trucking & Marketing	540.73	3.33	
	6. Fuel	2,300.61	14.15	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	2,156.81	13.27	
	9. Repairs - Buildings	645.23	3.97	
	10. Utilities & Miscellaneous Expenses	3,830.32	23.56	
	11. Custom Work & Specialized Labour	1,241.10	7.63	
	12. Operating Interest Paid	510.76	3.14	
	13. Paid Labour & Benefits (69.37 hours)	2,684.75	16.51	
	14. Unpaid Labour (112.00 hours)	1,119.04	6.88	
	VARIABLE COSTS	49,131.97	302.19	7.23
(C)	1. Cash/Share Rent & Land Lease	4,519.80	27.80	
	2. Taxes, Water Rates, Lic. & Insurance	731.69	4.50	
	3. Equipment & Building a) Depreciation	6,091.29	37.47	
	b) Lease Payments	246.60	1.52	
	4. Paid Capital Interest	1,495.87	9.20	
	TOTAL CAPITAL COSTS	13,085.24	80.48	1.93
(D)	CASH COSTS (B+C-B14-C3)	55,006.88	338.33	8.09
(E)	TOTAL PRODUCTION COSTS (B+C)	62,217.21	382.67	9.16
(F)	GROSS MARGIN (A-D)	14,018.04	86.22	2.06
	RETURN TO UNPAID LABOUR(A-E+B14)	7,926.74	48.75	1.17
	RETURN TO INVESTMENT (A-E+C4) 3.1 %	8,303.57	51.07	1.22
	RETURN TO EQUITY (A-E)	6,807.70	41.87	1.00
INVESTMENT				
	Land	196,057.32	1,205.87	
	Buildings	14,967.08	92.06	
	Machinery	61,084.32	375.71	
	Irr. Machinery	.00	.00	
	TOTAL	272,108.72	1,673.64	
MANAGEMENT				
	Yield Per Acre (Bushel)		41.80	
	Expected Market Price Per Bushel		9.76	

2009 Crops Enterprise Analysis

All Dryland Liberty Link Canola

Group AVG

Top 1/3 AVG

Acres Cropped:

162.59

207.86

Enterprises:

41

14

\$/Acre

\$/Acre

(A)	1. Crop Sales - Imputed Value of Production	408.07	507.15
	2. Crop Insurance Receipts	5.57	3.60
	3. Miscellaneous Receipts	6.95	3.62
	4. Government Program	3.96	7.16
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00
	GROSS RETURN	424.55	521.53
(B)	1. Seed & Seed Cleaning	34.54	33.92
	2. Fertilizer	123.92	134.84
	3. Chemicals	28.85	27.24
	4. Hail / Crop Insurance & Program Premiums	22.45	21.72
	5. Trucking & Marketing	3.33	4.43
	6. Fuel	14.15	14.63
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	13.27	14.73
	9. Repairs - Buildings	3.97	.33
	10. Utilities & Miscellaneous Expenses	23.56	16.22
	11. Custom Work & Specialized Labour	7.63	9.68
	12. Operating Interest Paid	3.14	4.19
	13. Paid Labour & Benefits	16.51	19.46
	14. Unpaid Labour	6.88	4.07
	VARIABLE COSTS	302.19	305.47
(C)	1. Cash/Share Rent & Land Lease	27.80	17.77
	2. Taxes, Water Rates, Lic. & Insurance	4.50	3.50
	3. Equipment & Building	37.47	34.35
	a) Depreciation		
	b) Lease Payments	1.52	.42
	4. Paid Capital Interest	9.20	9.53
	TOTAL CAPITAL COSTS	80.48	65.56
(D)	CASH COSTS (B+C-B14-C3)	338.33	332.61
(E)	TOTAL PRODUCTION COSTS (B+C)	382.67	371.03
(F)	GROSS MARGIN (A-D)	86.22	188.92
	RETURN TO UNPAID LABOUR(A-E+B14)	48.75	154.57
	RETURN TO INVESTMENT (A-E+C4)	51.07	160.03
	RETURN TO EQUITY (A-E)	41.87	150.50
INVESTMENT			
	Land	1,205.87	1,290.93
	Buildings	92.06	92.80
	Machinery	375.71	339.63
	Irr. Mach.	.00	.00
	TOTAL	1,673.64	1,723.35
MANAGEMENT			
	Yield Per Acre (Bushel)	41.80	50.37
	Expected Market Price Per Bushel	9.76	10.07

2009 Crops Enterprise Analysis

Owned Dryland Liberty Link Canola

Acres Cropped: 160.13

Enterprises: 23

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	67,774.34	423.24	9.89
	2. Crop Insurance Receipts	455.17	2.84	
	3. Miscellaneous Receipts	695.14	4.34	
	4. Government Program	641.14	4.00	
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
	GROSS RETURN	69,565.79	434.43	10.15
(B)	1. Seed & Seed Cleaning	5,460.67	34.10	
	2. Fertilizer Rates: 102N 29P 20K 18S	19,585.32	122.31	
	3. Chemicals	4,774.34	29.82	
	4. Hail / Crop Insurance & Program Premiums	3,316.36	20.71	
	5. Trucking & Marketing	469.74	2.93	
	6. Fuel	2,224.27	13.89	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	2,085.80	13.03	
	9. Repairs - Buildings	774.43	4.84	
	10. Utilities & Miscellaneous Expenses	3,072.94	19.19	
	11. Custom Work & Specialized Labour	1,104.10	6.89	
	12. Operating Interest Paid	571.68	3.57	
	13. Paid Labour & Benefits (74.50 hours)	3,033.16	18.94	
	14. Unpaid Labour (92.65 hours)	926.04	5.78	
	VARIABLE COSTS	47,398.84	296.00	6.92
(C)	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	806.00	5.03	
	3. Equipment & Building a) Depreciation	6,138.18	38.33	
	b) Lease Payments	110.84	.69	
	4. Paid Capital Interest	1,887.39	11.79	
	TOTAL CAPITAL COSTS	8,942.41	55.84	1.30
(D)	CASH COSTS (B+C-B14-C3)	49,277.03	307.73	7.19
(E)	TOTAL PRODUCTION COSTS (B+C)	56,341.24	351.85	8.22
(F)	GROSS MARGIN (A-D)	20,288.76	126.70	2.96
	RETURN TO UNPAID LABOUR(A-E+B14)	14,150.58	88.37	2.06
	RETURN TO INVESTMENT (A-E+C4) 3.6 %	15,111.93	94.37	2.21
	RETURN TO EQUITY (A-E)	13,224.54	82.59	1.93
INVESTMENT				
	Land	349,493.48	2,182.55	
	Buildings	14,751.63	92.12	
	Machinery	61,247.46	382.48	
	Irr. Machinery	.00	.00	
	TOTAL	425,492.57	2,657.16	
MANAGEMENT				
	Yield Per Acre (Bushel)		42.80	
	Expected Market Price Per Bushel		9.89	

2009 Crops Enterprise Analysis
Rented Dryland Liberty Link Canola

Acres Cropped: 165.72

Enterprises: 18

	Total \$	\$/Acre	\$/Bushel
(A) 1. Crop Sales - Imputed Value of Production	64,519.75	389.32	9.60
2. Crop Insurance Receipts	1,482.00	8.94	
3. Miscellaneous Receipts	1,685.25	10.17	
4. Government Program	646.81	3.90	
5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
GROSS RETURN	68,333.80	412.34	10.16
(B) 1. Seed & Seed Cleaning	5,812.25	35.07	
2. Fertilizer Rates: 100N 26P 22K 20S	20,866.83	125.91	
3. Chemicals	4,582.43	27.65	
4. Hail / Crop Insurance & Program Premiums	4,075.30	24.59	
5. Trucking & Marketing	631.45	3.81	
6. Fuel	2,398.16	14.47	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	2,247.54	13.56	
9. Repairs - Buildings	480.15	2.90	
10. Utilities & Miscellaneous Expenses	4,798.10	28.95	
11. Custom Work & Specialized Labour	1,416.16	8.55	
12. Operating Interest Paid	432.93	2.61	
13. Paid Labour & Benefits (62.82 hours)	2,239.57	13.51	
14. Unpaid Labour (136.73 hours)	1,365.66	8.24	
VARIABLE COSTS	51,346.53	309.83	7.64
(C) 1. Cash/Share Rent & Land Lease	10,295.09	62.12	
2. Taxes, Water Rates, Lic. & Insurance	636.73	3.84	
3. Equipment & Building a) Depreciation	6,031.38	36.39	
b) Lease Payments	420.07	2.53	
4. Paid Capital Interest	995.59	6.01	
TOTAL CAPITAL COSTS	18,378.86	110.90	2.73
(D) CASH COSTS (B+C-B14-C3)	62,328.35	376.10	9.27
(E) TOTAL PRODUCTION COSTS (B+C)	69,725.39	420.74	10.37
(F) GROSS MARGIN (A-D)	6,005.45	36.24	.89
RETURN TO UNPAID LABOUR(A-E+B14)	(25.93)	(.16)	(.00)
RETURN TO INVESTMENT (A-E+C4) -.5 %	(396.01)	(2.39)	(.06)
RETURN TO EQUITY (A-E)	(1,391.60)	(8.40)	(.21)
INVESTMENT			
Land	.00	.00	
Buildings	15,242.38	91.98	
Machinery	60,875.87	367.34	
Irr. Machinery	.00	.00	
TOTAL	76,118.25	459.31	
MANAGEMENT			
Yield Per Acre (Bushel)		40.57	
Expected Market Price Per Bushel		9.60	

2009 Crops Enterprise Analysis
All Dryland Roundup Ready Canola

Acres Cropped: 145.14

Enterprises: 29

	Total \$	\$/Acre	\$/Bushel
(A) 1. Crop Sales - Imputed Value of Production	49,672.39	342.24	9.00
2. Crop Insurance Receipts	780.42	5.38	
3. Miscellaneous Receipts	298.01	2.05	
4. Government Program	33.79	.23	
5. Additional Revenue from Straw / Aftermath Grazing	13.79	.10	
GROSS RETURN	50,798.41	350.00	9.20
(B) 1. Seed & Seed Cleaning	4,282.31	29.51	
2. Fertilizer Rates: 84N 20P 10K 19S	10,581.66	72.91	
3. Chemicals	3,664.21	25.25	
4. Hail / Crop Insurance & Program Premiums	2,800.98	19.30	
5. Trucking & Marketing	683.93	4.71	
6. Fuel	2,075.96	14.30	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	1,613.61	11.12	
9. Repairs - Buildings	263.93	1.82	
10. Utilities & Miscellaneous Expenses	1,751.60	12.07	
11. Custom Work & Specialized Labour	521.69	3.59	
12. Operating Interest Paid	94.10	.65	
13. Paid Labour & Benefits (48.11 hours)	865.81	5.97	
14. Unpaid Labour (155.23 hours)	1,552.33	10.70	
VARIABLE COSTS	30,752.12	211.88	5.57
(C) 1. Cash/Share Rent & Land Lease	3,182.55	21.93	
2. Taxes, Water Rates, Lic. & Insurance	777.38	5.36	
3. Equipment & Building a) Depreciation	6,781.85	46.73	
b) Lease Payments	8.03	.06	
4. Paid Capital Interest	1,730.02	11.92	
TOTAL CAPITAL COSTS	12,479.83	85.99	2.26
(D) CASH COSTS (B+C-B14-C3)	34,897.77	240.45	6.32
(E) TOTAL PRODUCTION COSTS (B+C)	43,231.95	297.87	7.83
(F) GROSS MARGIN (A-D)	15,900.64	109.56	2.88
RETURN TO UNPAID LABOUR(A-E+B14)	9,118.79	62.83	1.65
RETURN TO INVESTMENT (A-E+C4) 5.0 %	9,296.48	64.05	1.68
RETURN TO EQUITY (A-E)	7,566.46	52.13	1.37
INVESTMENT			
Land	102,939.66	709.25	
Buildings	17,819.52	122.78	
Machinery	64,060.81	441.38	
Irr. Machinery	.00	.00	
TOTAL	184,819.99	1,273.41	
MANAGEMENT			
Yield Per Acre (Bushel)		38.05	
Expected Market Price Per Bushel		9.00	

2009 Crops Enterprise Analysis

All Dryland Roundup Ready Canola

Group AVG

Top 1/3 AVG

Acres Cropped:

145.14

182.90

Enterprises:

29

10

\$/Acre

\$/Acre

(A)	1. Crop Sales - Imputed Value of Production	342.24	398.21
	2. Crop Insurance Receipts	5.38	.00
	3. Miscellaneous Receipts	2.05	3.91
	4. Government Program	.23	.00
	5. Additional Revenue from Straw / Aftermath Grazing	.10	.22
	GROSS RETURN	350.00	402.34
(B)	1. Seed & Seed Cleaning	29.51	28.94
	2. Fertilizer	72.91	67.24
	3. Chemicals	25.25	26.18
	4. Hail / Crop Insurance & Program Premiums	19.30	11.67
	5. Trucking & Marketing	4.71	.00
	6. Fuel	14.30	16.46
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	11.12	7.27
	9. Repairs - Buildings	1.82	.01
	10. Utilities & Miscellaneous Expenses	12.07	10.18
	11. Custom Work & Specialized Labour	3.59	2.64
	12. Operating Interest Paid	.65	.49
	13. Paid Labour & Benefits	5.97	5.62
	14. Unpaid Labour	10.70	8.75
	VARIABLE COSTS	211.88	185.45
(C)	1. Cash/Share Rent & Land Lease	21.93	11.77
	2. Taxes, Water Rates, Lic. & Insurance	5.36	4.73
	3. Equipment & Building a) Depreciation	46.73	37.99
	b) Lease Payments	.06	.13
	4. Paid Capital Interest	11.92	10.97
	TOTAL CAPITAL COSTS	85.99	65.58
(D)	CASH COSTS (B+C-B14-C3)	240.45	204.29
(E)	TOTAL PRODUCTION COSTS (B+C)	297.87	251.03
(F)	GROSS MARGIN (A-D)	109.56	198.05
	RETURN TO UNPAID LABOUR(A-E+B14)	62.83	160.07
	RETURN TO INVESTMENT (A-E+C4)	64.05	162.28
	RETURN TO EQUITY (A-E)	52.13	151.31
INVESTMENT			
	Land	709.25	730.48
	Buildings	122.78	55.92
	Machinery	441.38	397.54
	Irr. Mach.	.00	.00
	TOTAL	1,273.41	1,183.94
MANAGEMENT			
	Yield Per Acre (Bushel)	38.05	42.06
	Expected Market Price Per Bushel	9.00	9.47

2009 Crops Enterprise Analysis

Owned Dryland Roundup Ready Canola

Acres Cropped: 161.92

Enterprises: 13

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	55,972.77	345.68	9.22
	2. Crop Insurance Receipts	1,000.17	6.18	
	3. Miscellaneous Receipts	352.58	2.18	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	30.77	.19	
	GROSS RETURN	57,356.28	354.22	9.45
(B)	1. Seed & Seed Cleaning	4,932.53	30.46	
	2. Fertilizer Rates: 76N 18P 7K 17S	11,355.34	70.13	
	3. Chemicals	4,380.10	27.05	
	4. Hail / Crop Insurance & Program Premiums	2,073.65	12.81	
	5. Trucking & Marketing	231.90	1.43	
	6. Fuel	2,637.41	16.29	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,720.90	10.63	
	9. Repairs - Buildings	290.95	1.80	
	10. Utilities & Miscellaneous Expenses	1,705.88	10.54	
	11. Custom Work & Specialized Labour	1,003.92	6.20	
	12. Operating Interest Paid	129.75	.80	
	13. Paid Labour & Benefits (72.46 hours)	1,330.06	8.21	
	14. Unpaid Labour (171.32 hours)	1,713.17	10.58	
	VARIABLE COSTS	33,505.55	206.92	5.52
(C)	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	1,252.19	7.73	
	3. Equipment & Building a) Depreciation	7,564.44	46.72	
	b) Lease Payments	13.39	.08	
	4. Paid Capital Interest	2,034.16	12.56	
	TOTAL CAPITAL COSTS	10,864.17	67.09	1.79
(D)	CASH COSTS (B+C-B14-C3)	35,092.12	216.72	5.78
(E)	TOTAL PRODUCTION COSTS (B+C)	44,369.73	274.02	7.31
(F)	GROSS MARGIN (A-D)	22,264.16	137.50	3.67
	RETURN TO UNPAID LABOUR(A-E+B14)	14,699.72	90.78	2.42
	RETURN TO INVESTMENT (A-E+C4) 4.7 %	15,020.71	92.76	2.47
	RETURN TO EQUITY (A-E)	12,986.55	80.20	2.14
INVESTMENT				
	Land	229,634.62	1,418.17	
	Buildings	11,052.91	68.26	
	Machinery	76,567.57	472.86	
	Irr. Machinery	.00	.00	
	TOTAL	317,255.10	1,959.30	
MANAGEMENT				
	Yield Per Acre (Bushel)		37.48	
	Expected Market Price Per Bushel		9.22	

2009 Crops Enterprise Analysis

Rented Dryland Roundup Ready Canola

Acres Cropped: 131.50

Enterprises: 16

		Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Production	44,553.34	338.81	8.78
	2. Crop Insurance Receipts	601.88	4.58	
	3. Miscellaneous Receipts	253.68	1.93	
	4. Government Program	61.24	.47	
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
	GROSS RETURN	45,470.14	345.78	8.96
(B)	1. Seed & Seed Cleaning	3,754.01	28.55	
	2. Fertilizer Rates: 91N 21P 13K 20S	9,953.04	75.69	
	3. Chemicals	3,082.55	23.44	
	4. Hail / Crop Insurance & Program Premiums	3,391.94	25.79	
	5. Trucking & Marketing	1,051.21	7.99	
	6. Fuel	1,619.79	12.32	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,526.43	11.61	
	9. Repairs - Buildings	241.98	1.84	
	10. Utilities & Miscellaneous Expenses	1,788.74	13.60	
	11. Custom Work & Specialized Labour	129.87	.99	
	12. Operating Interest Paid	65.14	.50	
	13. Paid Labour & Benefits (28.32 hours)	488.60	3.72	
	14. Unpaid Labour (142.17 hours)	1,421.66	10.81	
	VARIABLE COSTS	28,514.96	216.84	5.62
(C)	1. Cash/Share Rent & Land Lease	5,768.38	43.87	
	2. Taxes, Water Rates, Lic. & Insurance	391.60	2.98	
	3. Equipment & Building a) Depreciation	6,146.00	46.74	
	b) Lease Payments	3.67	.03	
	4. Paid Capital Interest	1,482.90	11.28	
	TOTAL CAPITAL COSTS	13,792.54	104.89	2.72
(D)	CASH COSTS (B+C-B14-C3)	34,739.85	264.18	6.84
(E)	TOTAL PRODUCTION COSTS (B+C)	42,307.51	321.73	8.33
(F)	GROSS MARGIN (A-D)	10,730.29	81.60	2.11
	RETURN TO UNPAID LABOUR(A-E+B14)	4,584.29	34.86	.90
	RETURN TO INVESTMENT (A-E+C4) 6.0 %	4,645.54	35.33	.92
	RETURN TO EQUITY (A-E)	3,162.63	24.05	.62
INVESTMENT				
	Land	.00	.00	
	Buildings	23,317.39	177.32	
	Machinery	53,899.07	409.88	
	Irr. Machinery	.00	.00	
	TOTAL	77,216.46	587.20	
MANAGEMENT				
	Yield Per Acre (Bushel)		38.61	
	Expected Market Price Per Bushel		8.78	

2009 Crops Enterprise Analysis

All Dryland Peas

Acres Cropped: 130.00

Enterprises: 19

	Total \$	\$/Acre	\$/Bushel
(A) 1. Crop Sales - Imputed Value of Production	33,348.72	256.53	5.76
2. Crop Insurance Receipts	331.68	2.55	
3. Miscellaneous Receipts	1,826.47	14.05	
4. Government Program	82.51	.63	
5. Additional Revenue from Straw / Aftermath Grazing	180.00	1.38	
GROSS RETURN	35,769.38	275.15	6.18
(B) 1. Seed & Seed Cleaning	4,539.16	34.92	
2. Fertilizer Rates: 1N 7P 7K 1S	1,962.59	15.10	
3. Chemicals	4,186.81	32.21	
4. Hail / Crop Insurance & Program Premiums	3,428.36	26.37	
5. Trucking & Marketing	879.46	6.77	
6. Fuel	2,008.70	15.45	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	1,918.92	14.76	
9. Repairs - Buildings	312.36	2.40	
10. Utilities & Miscellaneous Expenses	4,697.50	36.13	
11. Custom Work & Specialized Labour	1,460.71	11.24	
12. Operating Interest Paid	207.07	1.59	
13. Paid Labour & Benefits (21.06 hours)	321.52	2.47	
14. Unpaid Labour (177.44 hours)	1,769.85	13.61	
VARIABLE COSTS	27,693.01	213.02	4.79
(C) 1. Cash/Share Rent & Land Lease	5,403.00	41.56	
2. Taxes, Water Rates, Lic. & Insurance	646.40	4.97	
3. Equipment & Building a) Depreciation	4,409.32	33.92	
b) Lease Payments	507.12	3.90	
4. Paid Capital Interest	1,740.49	13.39	
TOTAL CAPITAL COSTS	12,706.34	97.74	2.20
(D) CASH COSTS (B+C-B14-C3)	34,220.18	263.23	5.92
(E) TOTAL PRODUCTION COSTS (B+C)	40,399.35	310.76	6.98
(F) GROSS MARGIN (A-D)	1,549.20	11.92	.27
RETURN TO UNPAID LABOUR(A-E+B14)	(2,860.12)	(22.00)	(.49)
RETURN TO INVESTMENT (A-E+C4) -2.2 %	(2,889.48)	(22.23)	(.50)
RETURN TO EQUITY (A-E)	(4,629.97)	(35.62)	(.80)
INVESTMENT			
Land	73,988.42	569.14	
Buildings	14,932.37	114.86	
Machinery	41,896.91	322.28	
Irr. Machinery	.00	.00	
TOTAL	130,817.70	1,006.29	
MANAGEMENT			
Yield Per Acre (Bushel)		44.50	
Expected Market Price Per Bushel		5.76	

2009 Crops Enterprise Analysis

All Dryland Peas		Group AVG	Top 1/3 AVG
Acres Cropped:		130.00	142.67
Enterprises:		19	6
		\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	256.53	258.15
	2. Crop Insurance Receipts	2.55	.00
	3. Miscellaneous Receipts	14.05	8.02
	4. Government Program	.63	1.83
	5. Additional Revenue from Straw / Aftermath Grazing	1.38	1.93
GROSS RETURN		275.15	269.93
(B)	1. Seed & Seed Cleaning	34.92	25.55
	2. Fertilizer	15.10	5.89
	3. Chemicals	32.21	29.14
	4. Hail / Crop Insurance & Program Premiums	26.37	16.73
	5. Trucking & Marketing	6.77	4.91
	6. Fuel	15.45	14.80
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	14.76	13.51
	9. Repairs - Buildings	2.40	2.74
	10. Utilities & Miscellaneous Expenses	36.13	21.05
	11. Custom Work & Specialized Labour	11.24	6.07
	12. Operating Interest Paid	1.59	1.14
	13. Paid Labour & Benefits	2.47	4.15
	14. Unpaid Labour	13.61	10.84
VARIABLE COSTS		213.02	156.51
(C)	1. Cash/Share Rent & Land Lease	41.56	26.38
	2. Taxes, Water Rates, Lic. & Insurance	4.97	4.97
	3. Equipment & Building	33.92	37.97
	a) Depreciation	3.90	1.97
	b) Lease Payments	13.39	8.34
	4. Paid Capital Interest	13.39	8.34
TOTAL CAPITAL COSTS		97.74	79.62
(D)	CASH COSTS (B+C-B14-C3)	263.23	187.31
(E)	TOTAL PRODUCTION COSTS (B+C)	310.76	236.12
(F)	GROSS MARGIN (A-D)	11.92	82.62
	RETURN TO UNPAID LABOUR(A-E+B14)	(22.00)	44.65
	RETURN TO INVESTMENT (A-E+C4)	(22.23)	42.14
	RETURN TO EQUITY (A-E)	(35.62)	33.81
INVESTMENT			
	Land	569.14	653.66
	Buildings	114.86	90.44
	Machinery	322.28	367.83
	Irr. Mach.	.00	.00
TOTAL		1,006.29	1,111.93
MANAGEMENT			
	Yield Per Acre (Bushel)	44.50	43.98
	Expected Market Price Per Bushel	5.76	5.87

2009 Crops Enterprise Analysis

Owned Dryland Peas

Acres Cropped: 123.57

Enterprises: 7

	Total \$	\$/Acre	\$/Bushel
(A) 1. Crop Sales - Imputed Value of Production	30,058.70	243.25	6.03
2. Crop Insurance Receipts	473.14	3.83	
3. Miscellaneous Receipts	703.09	5.69	
4. Government Program	.00	.00	
5. Additional Revenue from Straw / Aftermath Grazing	252.86	2.05	
GROSS RETURN	31,487.78	254.81	6.32
(B) 1. Seed & Seed Cleaning	3,232.11	26.16	
2. Fertilizer Rates: 2N 7P 3K 2S	1,221.14	9.88	
3. Chemicals	3,795.40	30.71	
4. Hail / Crop Insurance & Program Premiums	2,309.16	18.69	
5. Trucking & Marketing	900.29	7.29	
6. Fuel	1,988.33	16.09	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	2,454.61	19.86	
9. Repairs - Buildings	342.70	2.77	
10. Utilities & Miscellaneous Expenses	2,411.38	19.51	
11. Custom Work & Specialized Labour	959.54	7.77	
12. Operating Interest Paid	170.33	1.38	
13. Paid Labour & Benefits (23.14 hours)	337.10	2.73	
14. Unpaid Labour (193.00 hours)	1,922.97	15.56	
VARIABLE COSTS	22,045.04	178.40	4.42
(C) 1. Cash/Share Rent & Land Lease	.00	.00	
2. Taxes, Water Rates, Lic. & Insurance	1,030.00	8.34	
3. Equipment & Building a) Depreciation	5,571.04	45.08	
b) Lease Payments	.00	.00	
4. Paid Capital Interest	1,898.06	15.36	
TOTAL CAPITAL COSTS	8,499.10	68.78	1.71
(D) CASH COSTS (B+C-B14-C3)	23,050.13	186.53	4.62
(E) TOTAL PRODUCTION COSTS (B+C)	30,544.14	247.18	6.13
(F) GROSS MARGIN (A-D)	8,437.65	68.28	1.69
RETURN TO UNPAID LABOUR(A-E+B14)	2,866.61	23.20	.58
RETURN TO INVESTMENT (A-E+C4) 1.1 %	2,841.70	23.00	.57
RETURN TO EQUITY (A-E)	943.64	7.64	.19
INVESTMENT			
Land	200,825.71	1,625.18	
Buildings	19,776.87	160.04	
Machinery	49,227.40	398.37	
Irr. Machinery	.00	.00	
TOTAL	269,829.99	2,183.60	
MANAGEMENT			
Yield Per Acre (Bushel)		40.34	
Expected Market Price Per Bushel		6.03	

2009 Crops Enterprise Analysis

Rented Dryland Peas

Acres Cropped: 133.75

Enterprises: 12

	Total \$	\$/Acre	\$/Bushel
(A) 1. Crop Sales - Imputed Value of Production	35,267.89	263.69	5.64
2. Crop Insurance Receipts	249.17	1.86	
3. Miscellaneous Receipts	2,481.77	18.56	
4. Government Program	130.65	.98	
5. Additional Revenue from Straw / Aftermath Grazing	137.50	1.03	
GROSS RETURN	38,266.98	286.11	6.12
(B) 1. Seed & Seed Cleaning	5,301.61	39.64	
2. Fertilizer Rates: 1N 7P 9K 1S	2,395.10	17.91	
3. Chemicals	4,415.14	33.01	
4. Hail / Crop Insurance & Program Premiums	4,081.23	30.51	
5. Trucking & Marketing	867.31	6.48	
6. Fuel	2,020.58	15.11	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	1,606.44	12.01	
9. Repairs - Buildings	294.66	2.20	
10. Utilities & Miscellaneous Expenses	6,031.08	45.09	
11. Custom Work & Specialized Labour	1,753.05	13.11	
12. Operating Interest Paid	228.50	1.71	
13. Paid Labour & Benefits (19.84 hours)	312.43	2.34	
14. Unpaid Labour (168.36 hours)	1,680.53	12.56	
VARIABLE COSTS	30,987.66	231.68	4.96
(C) 1. Cash/Share Rent & Land Lease	8,554.75	63.96	
2. Taxes, Water Rates, Lic. & Insurance	422.64	3.16	
3. Equipment & Building a) Depreciation	3,731.65	27.90	
b) Lease Payments	802.94	6.00	
4. Paid Capital Interest	1,648.57	12.33	
TOTAL CAPITAL COSTS	15,160.56	113.35	2.43
(D) CASH COSTS (B+C-B14-C3)	40,736.04	304.57	6.52
(E) TOTAL PRODUCTION COSTS (B+C)	46,148.22	345.03	7.38
(F) GROSS MARGIN (A-D)	(2,469.06)	(18.46)	(.39)
RETURN TO UNPAID LABOUR(A-E+B14)	(6,200.71)	(46.36)	(.99)
RETURN TO INVESTMENT (A-E+C4) -12.5 %	(6,232.67)	(46.60)	(1.00)
RETURN TO EQUITY (A-E)	(7,881.24)	(58.93)	(1.26)
INVESTMENT			
Land	.00	.00	
Buildings	12,106.41	90.52	
Machinery	37,620.78	281.28	
Irr. Machinery	.00	.00	
TOTAL	49,727.20	371.79	
MANAGEMENT			
Yield Per Acre (Bushel)		46.74	
Expected Market Price Per Bushel		5.64	

2009 Crops Enterprise Analysis

All Dryland Alfalfa/Grass Hay

Acres Cropped: 118.89

Enterprises: 9

	Total \$	\$/Acre	\$/Tonne
(A) 1. Crop Sales - Imputed Value of Production	21,950.00	184.63	144.12
2. Crop Insurance Receipts	1,569.39	13.20	
3. Miscellaneous Receipts	115.12	.97	
4. Government Program	.00	.00	
5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
GROSS RETURN	23,634.51	198.79	155.18
(B) 1. Seed & Seed Cleaning	.00	.00	
2. Fertilizer Rates: 18N 5P 5K 3S	859.72	7.23	
3. Chemicals	.00	.00	
4. Hail / Crop Insurance & Program Premiums	308.00	2.59	
5. Trucking & Marketing	.00	.00	
6. Fuel	1,218.28	10.25	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	1,075.69	9.05	
9. Repairs - Buildings	198.24	1.67	
10. Utilities & Miscellaneous Expenses	1,111.81	9.35	
11. Custom Work & Specialized Labour	95.28	.80	
12. Operating Interest Paid	66.59	.56	
13. Paid Labour & Benefits (46.60 hours)	838.53	7.05	
14. Unpaid Labour (127.45 hours)	1,274.55	10.72	
VARIABLE COSTS	7,046.68	59.27	46.27
(C) 1. Cash/Share Rent & Land Lease	1,994.67	16.78	
2. Taxes, Water Rates, Lic. & Insurance	769.27	6.47	
3. Equipment & Building a) Depreciation	3,438.99	28.93	
b) Lease Payments	.00	.00	
4. Paid Capital Interest	234.71	1.97	
TOTAL CAPITAL COSTS	6,437.64	54.15	42.27
(D) CASH COSTS (B+C-B14-C3)	8,770.78	73.77	57.59
(E) TOTAL PRODUCTION COSTS (B+C)	13,484.32	113.42	88.54
(F) GROSS MARGIN (A-D)	14,863.73	125.02	97.59
RETURN TO UNPAID LABOUR(A-E+B14)	11,424.74	96.10	75.01
RETURN TO INVESTMENT (A-E+C4) 8.0 %	10,384.91	87.35	68.19
RETURN TO EQUITY (A-E)	10,150.19	85.38	66.64
INVESTMENT			
Land	89,644.44	754.02	
Buildings	10,288.80	86.54	
Machinery	30,097.29	253.15	
Irr. Machinery	.00	.00	
TOTAL	130,030.54	1,093.71	
MANAGEMENT			
Yield Per Acre (Tonne)		1.28	
Expected Market Price Per Tonne		144.12	

2009 Crops Enterprise Analysis

All Dryland Alfalfa/Grass Hay		Group AVG	Top 1/3 AVG
Acres Cropped:		118.89	68.33
Enterprises:		9	3
		\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	184.63	372.06
	2. Crop Insurance Receipts	13.20	26.83
	3. Miscellaneous Receipts	.97	1.68
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00
GROSS RETURN		198.79	400.57
(B)	1. Seed & Seed Cleaning	.00	.00
	2. Fertilizer	7.23	31.70
	3. Chemicals	.00	.00
	4. Hail / Crop Insurance & Program Premiums	2.59	4.51
	5. Trucking & Marketing	.00	.00
	6. Fuel	10.25	14.54
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	9.05	15.62
	9. Repairs - Buildings	1.67	5.20
	10. Utilities & Miscellaneous Expenses	9.35	16.81
	11. Custom Work & Specialized Labour	.80	3.51
	12. Operating Interest Paid	.56	.00
	13. Paid Labour & Benefits	7.05	26.88
	14. Unpaid Labour	10.72	9.08
VARIABLE COSTS		59.27	127.86
(C)	1. Cash/Share Rent & Land Lease	16.78	38.61
	2. Taxes, Water Rates, Lic. & Insurance	6.47	11.03
	3. Equipment & Building a) Depreciation	28.93	56.51
	b) Lease Payments	.00	.00
	4. Paid Capital Interest	1.97	.00
TOTAL CAPITAL COSTS		54.15	106.15
(D)	CASH COSTS (B+C-B14-C3)	73.77	168.43
(E)	TOTAL PRODUCTION COSTS (B+C)	113.42	234.01
(F)	GROSS MARGIN (A-D)	125.02	232.14
	RETURN TO UNPAID LABOUR(A-E+B14)	96.10	175.64
	RETURN TO INVESTMENT (A-E+C4)	87.35	166.56
	RETURN TO EQUITY (A-E)	85.38	166.56
INVESTMENT			
	Land	754.02	862.44
	Buildings	86.54	253.55
	Machinery	253.15	445.84
	Irr. Mach.	.00	.00
TOTAL		1,093.71	1,561.83
MANAGEMENT			
	Yield Per Acre (Tonne)	1.28	2.11
	Expected Market Price Per Tonne	144.12	176.07

2009 Crops Enterprise Analysis
Owned Dryland Alfalfa/Grass Hay

Acres Cropped: 138.00

Enterprises: 4

	Total \$	\$/Acre	\$/Tonne
(A) 1. Crop Sales - Imputed Value of Production	23,098.00	167.38	143.70
2. Crop Insurance Receipts	2,156.13	15.62	
3. Miscellaneous Receipts	172.68	1.25	
4. Government Program	.00	.00	
5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
GROSS RETURN	25,426.81	184.25	158.19
(B) 1. Seed & Seed Cleaning	.00	.00	
2. Fertilizer Rates: 13N 3P 3K 2S	804.70	5.83	
3. Chemicals	.00	.00	
4. Hail / Crop Insurance & Program Premiums	462.00	3.35	
5. Trucking & Marketing	.00	.00	
6. Fuel	1,312.69	9.51	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	1,121.83	8.13	
9. Repairs - Buildings	239.03	1.73	
10. Utilities & Miscellaneous Expenses	1,178.45	8.54	
11. Custom Work & Specialized Labour	89.18	.65	
12. Operating Interest Paid	74.91	.54	
13. Paid Labour & Benefits (50.45 hours)	887.32	6.43	
14. Unpaid Labour (135.82 hours)	1,358.18	9.84	
VARIABLE COSTS	7,528.29	54.55	46.84
(C) 1. Cash/Share Rent & Land Lease	.00	.00	
2. Taxes, Water Rates, Lic. & Insurance	1,079.20	7.82	
3. Equipment & Building a) Depreciation	4,010.62	29.06	
b) Lease Payments	.00	.00	
4. Paid Capital Interest	378.70	2.74	
TOTAL CAPITAL COSTS	5,468.52	39.63	34.02
(D) CASH COSTS (B+C-B14-C3)	7,628.00	55.28	47.46
(E) TOTAL PRODUCTION COSTS (B+C)	12,996.81	94.18	80.86
(F) GROSS MARGIN (A-D)	17,798.80	128.98	110.73
RETURN TO UNPAID LABOUR(A-E+B14)	13,788.18	99.91	85.78
RETURN TO INVESTMENT (A-E+C4) 5.2 %	12,808.70	92.82	79.69
RETURN TO EQUITY (A-E)	12,430.00	90.07	77.33
INVESTMENT			
Land	201,700.00	1,461.59	
Buildings	11,148.43	80.79	
Machinery	35,398.54	256.51	
Irr. Machinery	.00	.00	
TOTAL	248,246.97	1,798.89	
MANAGEMENT			
Yield Per Acre (Tonne)		1.16	
Expected Market Price Per Tonne		143.70	

2009 Crops Enterprise Analysis
Rented Dryland Alfalfa/Grass Hay

Acres Cropped: 103.60

Enterprises: 5

	Total \$	\$/Acre	\$/Tonne
(A) 1. Crop Sales - Imputed Value of Production	21,031.60	203.01	144.49
2. Crop Insurance Receipts	1,100.00	10.62	
3. Miscellaneous Receipts	69.07	.67	
4. Government Program	.00	.00	
5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
GROSS RETURN	22,200.67	214.29	152.52
(B) 1. Seed & Seed Cleaning	.00	.00	
2. Fertilizer Rates: 22N 6P 6K 4S	903.74	8.72	
3. Chemicals	.00	.00	
4. Hail / Crop Insurance & Program Premiums	184.80	1.78	
5. Trucking & Marketing	.00	.00	
6. Fuel	1,142.74	11.03	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	1,038.78	10.03	
9. Repairs - Buildings	165.60	1.60	
10. Utilities & Miscellaneous Expenses	1,058.50	10.22	
11. Custom Work & Specialized Labour	100.16	.97	
12. Operating Interest Paid	59.93	.58	
13. Paid Labour & Benefits (43.52 hours)	799.50	7.72	
14. Unpaid Labour (120.76 hours)	1,207.64	11.66	
VARIABLE COSTS	6,661.39	64.30	45.76
(C) 1. Cash/Share Rent & Land Lease	3,590.40	34.66	
2. Taxes, Water Rates, Lic. & Insurance	521.33	5.03	
3. Equipment & Building a) Depreciation	2,981.68	28.78	
b) Lease Payments	.00	.00	
4. Paid Capital Interest	119.53	1.15	
TOTAL CAPITAL COSTS	7,212.94	69.62	49.55
(D) CASH COSTS (B+C-B14-C3)	9,685.01	93.48	66.54
(E) TOTAL PRODUCTION COSTS (B+C)	13,874.33	133.92	95.32
(F) GROSS MARGIN (A-D)	12,515.67	120.81	85.98
RETURN TO UNPAID LABOUR(A-E+B14)	9,533.99	92.03	65.50
RETURN TO INVESTMENT (A-E+C4) 23.8 %	8,445.87	81.52	58.02
RETURN TO EQUITY (A-E)	8,326.34	80.37	57.20
INVESTMENT			
Land	.00	.00	
Buildings	9,601.09	92.67	
Machinery	25,856.30	249.58	
Irr. Machinery	.00	.00	
TOTAL	35,457.39	342.25	
MANAGEMENT			
Yield Per Acre (Tonne)		1.40	
Expected Market Price Per Tonne		144.49	

2009 Crops Enterprise Analysis

All Dryland Greenfeed

Acres Cropped: 78.20

Enterprises: 5

		Total \$	\$/Acre	\$/Tonne
(A)	1. Crop Sales - Imputed Value of Production	10,515.52	134.47	71.13
	2. Crop Insurance Receipts	5,970.06	76.34	
	3. Miscellaneous Receipts	105.68	1.35	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
GROSS RETURN		16,591.26	212.16	112.23
(B)	1. Seed & Seed Cleaning	2,163.79	27.67	
	2. Fertilizer Rates: 62N 19P 7K 6S	5,143.85	65.78	
	3. Chemicals	1,374.54	17.58	
	4. Hail / Crop Insurance & Program Premiums	984.50	12.59	
	5. Trucking & Marketing	.00	.00	
	6. Fuel	673.48	8.61	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	288.36	3.69	
	9. Repairs - Buildings	165.52	2.12	
	10. Utilities & Miscellaneous Expenses	471.37	6.03	
	11. Custom Work & Specialized Labour	106.66	1.36	
	12. Operating Interest Paid	.00	.00	
	13. Paid Labour & Benefits (14.86 hours)	237.02	3.03	
	14. Unpaid Labour (28.54 hours)	283.90	3.63	
VARIABLE COSTS		11,893.00	152.08	80.45
(C)	1. Cash/Share Rent & Land Lease	1,902.00	24.32	
	2. Taxes, Water Rates, Lic. & Insurance	353.49	4.52	
	3. Equipment & Building a) Depreciation	1,604.67	20.52	
	b) Lease Payments	.00	.00	
4. Paid Capital Interest	51.18	.65		
TOTAL CAPITAL COSTS		3,911.34	50.02	26.46
(D)	CASH COSTS (B+C-B14-C3)	13,915.75	177.95	94.13
(E)	TOTAL PRODUCTION COSTS (B+C)	15,804.33	202.10	106.91
(F)	GROSS MARGIN (A-D)	2,675.51	34.21	18.10
	RETURN TO UNPAID LABOUR(A-E+B14)	1,070.84	13.69	7.24
	RETURN TO INVESTMENT (A-E+C4) 1.5 %	838.11	10.72	5.67
	RETURN TO EQUITY (A-E)	786.93	10.06	5.32
INVESTMENT				
	Land	36,500.00	466.75	
	Buildings	3,400.95	43.49	
	Machinery	14,183.00	181.37	
	Irr. Machinery	.00	.00	
	TOTAL	54,083.95	691.61	
MANAGEMENT				
	Yield Per Acre (Tonne)		1.89	
	Expected Market Price Per Tonne		71.13	

2009 Crops Enterprise Analysis

All Dryland Greenfeed		Group AVG	Top 1/3 AVG
Acres Cropped:		78.20	76.50
Enterprises:		5	2
		\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	134.47	176.23
	2. Crop Insurance Receipts	76.34	195.10
	3. Miscellaneous Receipts	1.35	3.45
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00
GROSS RETURN		212.16	374.79
(B)	1. Seed & Seed Cleaning	27.67	43.65
	2. Fertilizer	65.78	88.58
	3. Chemicals	17.58	4.38
	4. Hail / Crop Insurance & Program Premiums	12.59	22.00
	5. Trucking & Marketing	.00	.00
	6. Fuel	8.61	7.95
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	3.69	.00
	9. Repairs - Buildings	2.12	2.84
	10. Utilities & Miscellaneous Expenses	6.03	8.35
	11. Custom Work & Specialized Labour	1.36	.00
	12. Operating Interest Paid	.00	.00
	13. Paid Labour & Benefits	3.03	5.45
	14. Unpaid Labour	3.63	3.70
VARIABLE COSTS		152.08	186.91
(C)	1. Cash/Share Rent & Land Lease	24.32	28.82
	2. Taxes, Water Rates, Lic. & Insurance	4.52	6.43
	3. Equipment & Building	20.52	31.53
	a) Depreciation	.00	.00
	b) Lease Payments	.00	.00
	4. Paid Capital Interest	.65	1.67
TOTAL CAPITAL COSTS		50.02	68.45
(D)	CASH COSTS (B+C-B14-C3)	177.95	220.14
(E)	TOTAL PRODUCTION COSTS (B+C)	202.10	255.36
(F)	GROSS MARGIN (A-D)	34.21	154.65
	RETURN TO UNPAID LABOUR(A-E+B14)	13.69	123.12
	RETURN TO INVESTMENT (A-E+C4)	10.72	121.10
	RETURN TO EQUITY (A-E)	10.06	119.42
INVESTMENT			
	Land	466.75	539.22
	Buildings	43.49	65.60
	Machinery	181.37	282.67
	Irr. Mach.	.00	.00
TOTAL		691.61	887.49
MANAGEMENT			
	Yield Per Acre (Tonne)	1.89	1.78
	Expected Market Price Per Tonne	71.13	99.00

2009 Crops Enterprise Analysis

Rented Dryland Greenfeed

Acres Cropped: 78.67

Enterprises: 3

		Total \$	\$/Acre	\$/Tonne
(A)	1. Crop Sales - Imputed Value of Production	7,190.87	91.41	56.20
	2. Crop Insurance Receipts	6,373.27	81.02	
	3. Miscellaneous Receipts	112.82	1.43	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
GROSS RETURN		13,676.96	173.86	106.89
(B)	1. Seed & Seed Cleaning	2,506.06	31.86	
	2. Fertilizer Rates: 63N 17P 7K 6S	5,882.45	74.78	
	3. Chemicals	1,460.60	18.57	
	4. Hail / Crop Insurance & Program Premiums	925.45	11.76	
	5. Trucking & Marketing	.00	.00	
	6. Fuel	618.14	7.86	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	259.01	3.29	
	9. Repairs - Buildings	200.24	2.55	
	10. Utilities & Miscellaneous Expenses	458.42	5.83	
	11. Custom Work & Specialized Labour	11.11	.14	
	12. Operating Interest Paid	.00	.00	
	13. Paid Labour & Benefits (18.10 hours)	295.13	3.75	
	14. Unpaid Labour (27.88 hours)	278.81	3.54	
VARIABLE COSTS		12,895.41	163.92	100.78
(C)	1. Cash/Share Rent & Land Lease	3,170.00	40.30	
	2. Taxes, Water Rates, Lic. & Insurance	297.96	3.79	
	3. Equipment & Building a) Depreciation	1,609.35	20.46	
	b) Lease Payments	.00	.00	
	4. Paid Capital Interest	.00	.00	
TOTAL CAPITAL COSTS		5,077.31	64.54	39.68
(D)	CASH COSTS (B+C-B14-C3)	16,084.56	204.46	125.71
(E)	TOTAL PRODUCTION COSTS (B+C)	17,972.72	228.47	140.46
(F)	GROSS MARGIN (A-D)	(2,407.60)	(30.61)	(18.82)
	RETURN TO UNPAID LABOUR(A-E+B14)	(4,016.95)	(51.06)	(31.39)
	RETURN TO INVESTMENT (A-E+C4) -25.3 %	(4,295.76)	(54.61)	(33.57)
	RETURN TO EQUITY (A-E)	(4,295.76)	(54.61)	(33.57)
INVESTMENT				
	Land	.00	.00	
	Buildings	2,488.88	31.64	
	Machinery	14,494.54	184.25	
	Irr. Machinery	.00	.00	
	TOTAL	16,983.43	215.89	
MANAGEMENT				
	Yield Per Acre (Tonne)		1.63	
	Expected Market Price Per Tonne		56.20	

2009 Crops Enterprise Analysis

All Dryland Grain Silage

Acres Cropped: 100.33

Enterprises: 15

		Total \$	\$/Acre	\$/Tonne
(A)	1. Crop Sales - Imputed Value of Production	20,830.27	207.61	35.24
	2. Crop Insurance Receipts	5,260.73	52.43	
	3. Miscellaneous Receipts	48.35	.48	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	148.71	1.48	
GROSS RETURN		26,288.05	262.01	44.47
(B)	1. Seed & Seed Cleaning	1,486.40	14.81	
	2. Fertilizer Rates: 65N 18P 8K 2S	7,321.86	72.98	
	3. Chemicals	1,530.48	15.25	
	4. Hail / Crop Insurance & Program Premiums	866.95	8.64	
	5. Trucking & Marketing	9.66	.10	
	6. Fuel	2,139.53	21.32	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,468.24	14.63	
	9. Repairs - Buildings	54.52	.54	
	10. Utilities & Miscellaneous Expenses	898.85	8.96	
	11. Custom Work & Specialized Labour	1,904.44	18.98	
	12. Operating Interest Paid	49.09	.49	
	13. Paid Labour & Benefits (89.11 hours)	3,095.82	30.86	
	14. Unpaid Labour (141.89 hours)	1,418.39	14.14	
VARIABLE COSTS		22,244.23	221.70	37.63
(C)	1. Cash/Share Rent & Land Lease	874.87	8.72	
	2. Taxes, Water Rates, Lic. & Insurance	687.47	6.85	
	3. Equipment & Building a) Depreciation	3,265.40	32.55	
	b) Lease Payments	.00	.00	
	4. Paid Capital Interest	301.29	3.00	
TOTAL CAPITAL COSTS		5,129.02	51.12	8.68
(D)	CASH COSTS (B+C-B14-C3)	22,689.46	226.14	38.38
(E)	TOTAL PRODUCTION COSTS (B+C)	27,373.25	272.82	46.31
(F)	GROSS MARGIN (A-D)	3,598.60	35.87	6.09
	RETURN TO UNPAID LABOUR(A-E+B14)	333.20	3.32	.56
	RETURN TO INVESTMENT (A-E+C4) -.5 %	(783.90)	(7.81)	(1.33)
	RETURN TO EQUITY (A-E)	(1,085.19)	(10.82)	(1.84)
INVESTMENT				
	Land	126,993.33	1,265.71	
	Buildings	3,456.38	34.45	
	Machinery	31,755.38	316.50	
	Irr. Machinery	.00	.00	
	TOTAL	162,205.09	1,616.66	
MANAGEMENT				
	Yield Per Acre (Tonne)		5.89	
	Expected Market Price Per Tonne		35.24	

2009 Crops Enterprise Analysis

All Dryland Grain Silage		Group AVG	Top 1/3 AVG
Acres Cropped:		100.33	58.00
Enterprises:		15	5
		\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	207.61	381.62
	2. Crop Insurance Receipts	52.43	186.19
	3. Miscellaneous Receipts	.48	2.50
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	1.48	7.69
GROSS RETURN		262.01	578.00
(B)	1. Seed & Seed Cleaning	14.81	35.33
	2. Fertilizer	72.98	84.03
	3. Chemicals	15.25	7.84
	4. Hail / Crop Insurance & Program Premiums	8.64	21.99
	5. Trucking & Marketing	.10	.00
	6. Fuel	21.32	8.73
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	14.63	.39
	9. Repairs - Buildings	.54	2.06
	10. Utilities & Miscellaneous Expenses	8.96	4.44
	11. Custom Work & Specialized Labour	18.98	66.09
	12. Operating Interest Paid	.49	.00
	13. Paid Labour & Benefits	30.86	3.95
	14. Unpaid Labour	14.14	6.62
VARIABLE COSTS		221.70	241.46
(C)	1. Cash/Share Rent & Land Lease	8.72	16.66
	2. Taxes, Water Rates, Lic. & Insurance	6.85	11.23
	3. Equipment & Building a) Depreciation	32.55	24.76
	b) Lease Payments	.00	.00
	4. Paid Capital Interest	3.00	2.56
TOTAL CAPITAL COSTS		51.12	55.21
(D)	CASH COSTS (B+C-B14-C3)	226.14	265.28
(E)	TOTAL PRODUCTION COSTS (B+C)	272.82	296.67
(F)	GROSS MARGIN (A-D)	35.87	312.72
	RETURN TO UNPAID LABOUR(A-E+B14)	3.32	287.96
	RETURN TO INVESTMENT (A-E+C4)	(7.81)	283.90
	RETURN TO EQUITY (A-E)	(10.82)	281.34
INVESTMENT			
	Land	1,265.71	1,060.34
	Buildings	34.45	52.67
	Machinery	316.50	224.08
	Irr. Mach.	.00	.00
TOTAL		1,616.66	1,337.10
MANAGEMENT			
	Yield Per Acre (Tonne)	5.89	10.46
	Expected Market Price Per Tonne	35.24	36.47

2009 Crops Enterprise Analysis

Owned Dryland Grain Silage

Acres Cropped: 114.27

Enterprises: 11

		Total \$	\$/Acre	\$/Tonne
(A)	1. Crop Sales - Imputed Value of Production	22,813.82	199.64	33.84
	2. Crop Insurance Receipts	3,341.82	29.24	
	3. Miscellaneous Receipts	48.67	.43	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	78.31	.69	
GROSS RETURN		26,282.62	230.00	38.98
(B)	1. Seed & Seed Cleaning	1,572.14	13.76	
	2. Fertilizer Rates: 63N 19P 7K 2S	8,234.00	72.06	
	3. Chemicals	1,916.86	16.77	
	4. Hail / Crop Insurance & Program Premiums	947.03	8.29	
	5. Trucking & Marketing	13.17	.12	
	6. Fuel	2,688.82	23.53	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,977.64	17.31	
	9. Repairs - Buildings	60.12	.53	
	10. Utilities & Miscellaneous Expenses	1,086.82	9.51	
	11. Custom Work & Specialized Labour	1,572.27	13.76	
	12. Operating Interest Paid	66.94	.59	
	13. Paid Labour & Benefits (119.70 hours)	4,194.33	36.70	
	14. Unpaid Labour (166.56 hours)	1,664.93	14.57	
VARIABLE COSTS		25,995.08	227.48	38.56
(C)	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	879.42	7.70	
	3. Equipment & Building a) Depreciation	4,172.14	36.51	
	b) Lease Payments	.00	.00	
4. Paid Capital Interest	405.91	3.55		
TOTAL CAPITAL COSTS		5,457.48	47.76	8.09
(D)	CASH COSTS (B+C-B14-C3)	25,615.49	224.16	37.99
(E)	TOTAL PRODUCTION COSTS (B+C)	31,452.56	275.24	46.65
(F)	GROSS MARGIN (A-D)	667.12	5.84	.99
	RETURN TO UNPAID LABOUR(A-E+B14)	(3,505.02)	(30.67)	(5.20)
	RETURN TO INVESTMENT (A-E+C4) -2.2 %	(4,764.03)	(41.69)	(7.07)
	RETURN TO EQUITY (A-E)	(5,169.94)	(45.24)	(7.67)
INVESTMENT				
	Land	173,172.73	1,515.43	
	Buildings	4,056.46	35.50	
	Machinery	40,656.42	355.78	
	Irr. Machinery	.00	.00	
	TOTAL	217,885.60	1,906.72	
MANAGEMENT				
	Yield Per Acre (Tonne)		5.90	
	Expected Market Price Per Tonne		33.84	

2009 Crops Enterprise Analysis

Rented Dryland Grain Silage

Acres Cropped: 62.00

Enterprises: 4

	Total \$	\$/Acre	\$/Tonne
(A) 1. Crop Sales - Imputed Value of Production	15,375.50	247.99	42.40
2. Crop Insurance Receipts	10,537.73	169.96	
3. Miscellaneous Receipts	47.49	.77	
4. Government Program	.00	.00	
5. Additional Revenue from Straw / Aftermath Grazing	342.30	5.52	
GROSS RETURN	26,303.01	424.24	72.54
(B) 1. Seed & Seed Cleaning	1,250.60	20.17	
2. Fertilizer Rates: 71N 14P 12K 3S	4,813.46	77.64	
3. Chemicals	467.94	7.55	
4. Hail / Crop Insurance & Program Premiums	646.71	10.43	
5. Trucking & Marketing	.00	.00	
6. Fuel	628.99	10.14	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	67.37	1.09	
9. Repairs - Buildings	39.12	.63	
10. Utilities & Miscellaneous Expenses	381.93	6.16	
11. Custom Work & Specialized Labour	2,817.93	45.45	
12. Operating Interest Paid	.00	.00	
13. Paid Labour & Benefits (5.00 hours)	74.93	1.21	
14. Unpaid Labour (74.04 hours)	740.40	11.94	
VARIABLE COSTS	11,929.37	192.41	32.90
(C) 1. Cash/Share Rent & Land Lease	3,280.75	52.92	
2. Taxes, Water Rates, Lic. & Insurance	159.58	2.57	
3. Equipment & Building a) Depreciation	771.86	12.45	
b) Lease Payments	.00	.00	
4. Paid Capital Interest	13.57	.22	
TOTAL CAPITAL COSTS	4,225.76	68.16	11.65
(D) CASH COSTS (B+C-B14-C3)	14,642.87	236.18	40.38
(E) TOTAL PRODUCTION COSTS (B+C)	16,155.13	260.57	44.55
(F) GROSS MARGIN (A-D)	11,660.14	188.07	32.16
RETURN TO UNPAID LABOUR(A-E+B14)	10,888.28	175.62	30.03
RETURN TO INVESTMENT (A-E+C4) 111.9 %	10,161.44	163.89	28.02
RETURN TO EQUITY (A-E)	10,147.88	163.68	27.99
INVESTMENT			
Land	.00	.00	
Buildings	1,806.15	29.13	
Machinery	7,277.52	117.38	
Irr. Machinery	.00	.00	
TOTAL	9,083.68	146.51	
MANAGEMENT			
Yield Per Acre (Tonne)		5.85	
Expected Market Price Per Tonne		42.40	

DEFINITIONS AND ALLOCATIONS

I INCOME

- A Imputed Value of Production** – total of estimated yields/acre X estimated final prices
- B Crop Insurance Receipts** – added regardless of when payment is received
- C Miscellaneous Receipts** – such as patronage dividends or input rebates
- D Government Program Receipts** – allocated to all cropped acres equally
- E Straw/Aftermath Grazing Revenue** – value of straw + imputed value of grazing

II EXPENSES

- A Crop Specific Inputs** – allocated by producer to each crop as documented on the survey form
 - 1. **Seed**
 - 2. **Fertilizer**
 - 3. **Chemical**
 - 4. **Hail and Crop Insurance**
 - 5. **Custom Work and Specialized Labour**
 - 6. **Land Rent** – cash rent or crop share (converted to a cash basis)
- B Allocated Crop Inputs** – allocation ratios based on research from AAFRD
 - 1. **Irrigation to Dryland Ratio** – allocated to crops at a 3:1 ratio
 - 2. **Trucking and Marketing** – allocated to specific cropping acres by producer
 - 3. **Fuel** – Summerfallow – allocation of 0.3:1 compared to crop acres; Sugar beets – allocation of 2.96:1 compared to other irrigated crop acres
 - 4. **Irrigation Fuel** – allocation based on total pumping hours for each crop
 - 5. **Machinery Repairs** – allocated equally to all acres except summerfallow (0.3:1) and special crops (as specified by producer)
 - 6. **Building Repairs** – allocated to all acres equally except for special crops buildings
 - 7. **Operating Interest** – interest paid on operating loans allocated equally
 - 8. **Paid Labour** – based on allocations between crops as specified by producer
 - 9. **Unpaid and Operator Labour** – operator - \$10/hour, other unpaid labour - \$7.50/hour
 - 10. **Land Taxes** – allocated equally to all owned cropped acres
 - 11. **Water Rates** – allocated equally to all owned irrigated acres
 - 12. **Water Rates** – allocated equally to all owned irrigated acres
 - 13. **Equipment Depreciation** – imputed at 8.5% for power equipment, 11% for non-power, based on current market value

- 14. **Insurance and Licenses** – allocated to all cropped acres equally
- 15. **Building Depreciation** – imputed at 5% on the current market value
- 16. **Paid Capital Interest** – allocated to all owned cropped acres equally except summerfallow (0.25:1)

III CAPITAL INVESTMENT

- A Land** – producer estimate of bare land value for both irrigated and dryland owned acreage
- B Buildings** – allocated equally to all acreage except special crops buildings (allocated to the crop)
- C Equipment**
 - 1. **General Use** – allocated to all acres equally, except summerfallow (0.3:1)
 - 2. **Crop Specific** – allocated by producer to each crop based on percentage of use
 - 3. **Irrigation** – allocated according to pumping hours as specified by producer

IV SUMMARY CALCULATION

- A Gross Return** = imputed value of production + crop insurance receipts + miscellaneous receipts + government program payments + straw/grazing revenue
- B Variable Costs** = seed + fertilizer + chemicals + crop insurance + trucking and marketing + fuel + machinery and building repairs + utilities + miscellaneous overhead + custom work + operating interest + paid and unpaid labour
- C Total Capital Costs** = land rent + land taxes + water rates + insurance + depreciation + paid capital interest
- D Cash Costs** = variable costs + capital costs – unpaid labour – depreciation
- E Total Production Costs** = variable costs + total capital costs
- F Gross Margin** (returns left to cover total capital costs and operator equity) = gross return – total cash costs
- G Return to Unpaid Labour** (funds remaining after all expenses have been paid except unpaid labour) = gross return – total production costs + unpaid labour
- H Return to Investment** (shows the operation's ability to earn a return on its total assets) = gross return – total production costs + paid capital interest
- I Return to Equity** (amount remaining from operations used to provide a return to individual or shareholder equity) = gross return – total production costs