

AgriProfit\$

2011

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

Grey Wooded Soil Zone

Alberta 
Government



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2011 Grey Wooded Soil Zone

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OVERVIEW

2011 Grey Wooded 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 risk 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.

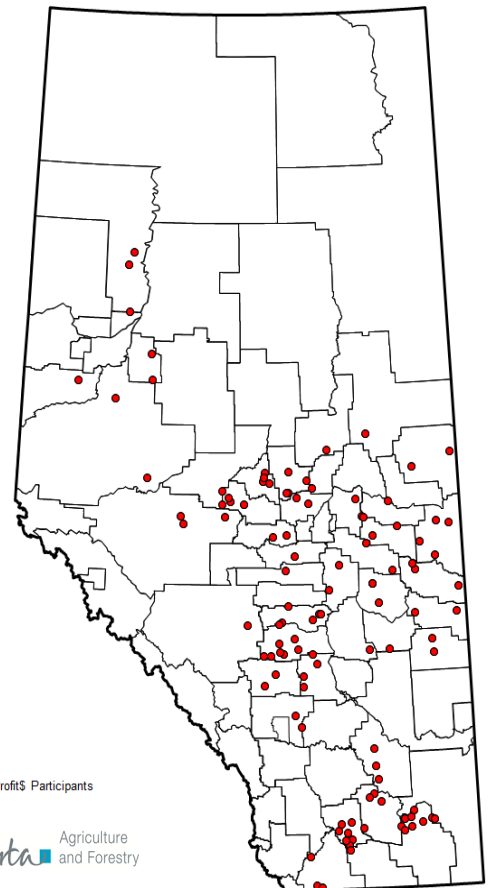
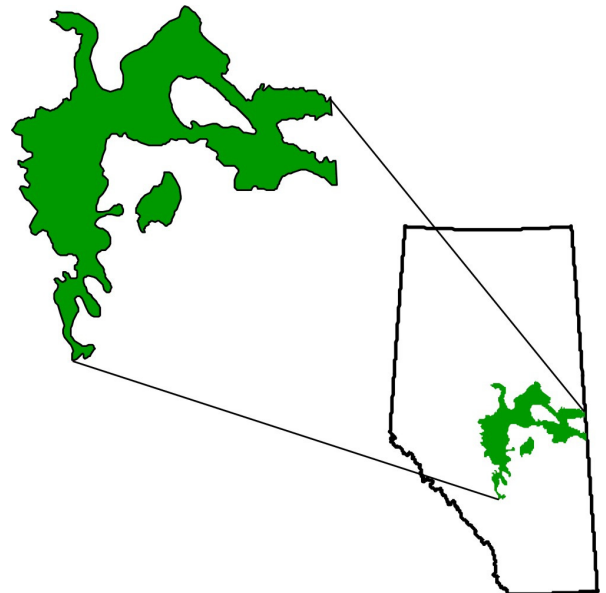
The top map shows the Grey Wooded Soil Zone in Alberta; this is the grouping method used for this study. Please note that farms highlighted within these zones may contain characteristics of neighbouring soil zones. The map on the bottom shows the distribution of the 2011 participants.

Questions or Comments:

Rawlin Thangaraj
Production Crop Economist
Alberta Agriculture and Rural Development
Phone: (780) 422-4056 Fax: (780) 427-5220
Email: rawlin.thangaraj@gov.ab.ca

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Pauline Van Biert, Shukun Guan, Lorraine Kohlman, Dale Kaliel, Diane McCann-Hiltz, Todd Bergen-Henengouwen, Guangzhi Liu, Interviewers and Participants



2011 AgriProfit\$ Participants

Alberta Agriculture and Forestry

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: *Spring Wheat - All*
Soil Zone: *All - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	421.09	473.56	6.66	6.85
	2. Crop Insurance Receipts	1.97	0.00	0.03	0.00
	3. Other Receipts	0.00	0.00	0.00	0.00
	Gross Receipts	423.06	473.56	6.69	6.85
(B)	Cost Items				
	1. Seed	26.04	28.62	0.41	0.41
	2. Fertilizer	76.91	73.34	1.22	1.06
	3. Chemical	29.97	24.54	0.47	0.35
	4. Hail/Crop Insurance Premium	12.54	8.32	0.20	0.12
	5. Trucking and Marketing	1.82	1.32	0.03	0.02
	6. Fuel	16.93	13.01	0.27	0.19
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	17.98	13.98	0.28	0.20
	9. Repairs - Buildings	2.38	3.61	0.04	0.05
	10. Utilities and Miscellaneous	22.51	14.93	0.36	0.22
	11. Custom Work	0.74	0.38	0.01	0.01
	12. Operating Interest Paid	3.80	1.49	0.06	0.02
	13. Paid Labour	15.80	13.31	0.25	0.19
	14. Unpaid Labour	7.40	6.91	0.12	0.10
	Variable Costs	234.82	203.77	3.71	2.95
(C)	1. Cash/ Share Land Rent	31.39	41.49	0.50	0.60
	2. Taxes, Water Rates, License & Ins.	6.93	4.57	0.11	0.07
	3. Equipment and Building: a) Depreciation	41.37	36.94	0.65	0.53
	b) Lease Payments	0.18	0.29	0.00	0.00
4. Paid Capital Interest	20.20	6.16	0.32	1.29	
	Capital Costs	100.07	89.45	1.58	2.50
(D)	Cash Costs				
	(B+C-B14-C3a)	286.11	249.36	4.52	4.81
(E)	Total Production Costs				
	(B+C)	334.89	293.22	5.29	5.45
	Gross Margin				
	(A-D)	136.95	224.20	2.17	2.04
	Return to Unpaid Labour				
	(A-E+B14)	95.58	187.26	1.51	1.50
	Return to Investment				
	(A-E+C4)	108.38	186.50	1.71	2.70
	Return to Equity				
	(A-E)	88.17	180.34	1.39	1.40

Investment

Buildings	139.10	157.84
Machinery	368.22	313.08
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1004.67	675.77

Management

Average Yield	(Bushel/acre)	63.26	69.14
Expected Market Price	(\$/Bushel)	6.66	6.85

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: *Spring Wheat - Own*
Soil Zone: *All - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	349.38	534.82	6.28	7.51	
	2. Crop Insurance Receipts	5.90	0.00	0.11	0.00	
	3. Other Receipts	0.00	0.00	0.00	0.00	
	Gross Receipts	355.28	534.82	6.39	7.51	
(B)	Cost Items					
	1. Seed	21.61	19.69	0.39	0.28	
	2. Fertilizer	73.97	65.47	1.33	0.92	
	3. Chemical	34.52	29.13	0.62	0.41	
	4. Hail/Crop Insurance Premium	16.40	10.47	0.29	0.15	
	5. Trucking and Marketing	4.15	7.01	0.07	0.10	
	6. Fuel	22.55	21.97	0.41	0.31	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	20.73	13.59	0.37	0.19	
	9. Repairs - Buildings	1.15	2.44	0.02	0.03	
	10. Utilities and Miscellaneous	29.12	17.86	0.52	0.25	
	11. Custom Work	2.20	2.30	0.04	0.03	
	12. Operating Interest Paid	5.88	2.62	0.11	0.04	
	13. Paid Labour	16.21	9.29	0.29	0.13	
	14. Unpaid Labour	9.11	10.10	0.16	0.14	
	Variable Costs	257.61	211.96	4.63	2.98	
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00	
	2. Taxes, Water Rates, License & Ins.	13.28	13.75	0.24	0.19	
	3. Equipment and Building:	a) Depreciation	51.36	62.16	0.92	0.87
		b) Lease Payments	0.54	1.75	0.01	0.02
	4. Paid Capital Interest	46.64	26.37	0.84	1.46	
	Capital Costs	111.81	104.03	2.01	2.55	
(D)	Cash Costs	308.95	243.73	5.56	4.51	
(E)	Total Production Costs	369.42	315.99	6.64	5.53	
	Gross Margin	46.33	291.09	0.83	3.00	
	Return to Unpaid Labour	(5.03)	228.93	(0.09)	2.12	
	Return to Investment	32.50	245.20	0.58	3.44	
	Return to Equity	(14.14)	218.83	(0.25)	1.98	

Investment

Buildings	154.81	268.66
Machinery	465.37	524.62
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2111.83	2372.52

Management

Average Yield	(Bushel/acre)	55.60	71.21
Expected Market Price	(\$/Bushel)	6.28	7.51

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: Spring Wheat - Rent
Soil Zone: All - Dryland
Unit: Bushel

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	456.97	461.08	6.81	6.71
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	0.00	0.00	0.00	0.00
	Gross Receipts	456.97	461.08	6.81	6.71
(B)	Cost Items				
	1. Seed	28.26	30.45	0.42	0.44
	2. Fertilizer	78.39	75.42	1.17	1.10
	3. Chemical	27.69	23.53	0.41	0.34
	4. Hail/Crop Insurance Premium	10.61	7.82	0.16	0.11
	5. Trucking and Marketing	0.66	0.18	0.01	0.00
	6. Fuel	14.12	11.16	0.21	0.16
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	16.60	14.01	0.25	0.20
	9. Repairs - Buildings	2.99	3.87	0.04	0.06
	10. Utilities and Miscellaneous	19.20	14.22	0.29	0.21
	11. Custom Work	0.00	0.00	0.00	0.00
	12. Operating Interest Paid	2.76	1.23	0.04	0.02
	13. Paid Labour	15.59	14.07	0.23	0.20
	14. Unpaid Labour	6.55	6.27	0.10	0.09
	Variable Costs	223.42	202.22	3.33	2.94
(C)	1. Cash/ Share Land Rent	47.08	47.88	0.70	0.70
	2. Taxes, Water Rates, License & Ins.	3.75	3.11	0.06	0.05
	3. Equipment and Building: a) Depreciation	36.38	31.81	0.54	0.46
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	6.98	4.94	0.10	1.28	
	Capital Costs	94.20	87.75	1.40	2.48
(D)	Cash Costs (B+C-B14-C3a)	274.69	251.88	4.09	4.87
(E)	Total Production Costs (B+C)	317.61	289.97	4.73	5.42
	Gross Margin (A-D)	182.28	209.20	2.72	1.84
	Return to Unpaid Labour (A-E+B14)	145.90	177.39	2.17	1.38
	Return to Investment (A-E+C4)	146.33	176.05	2.18	2.56
	Return to Equity (A-E)	139.35	171.11	2.08	1.28

Investment

Buildings	131.25	135.95
Machinery	319.63	269.73
Irrigation Machinery	0.00	0.00
Total (incl. Land)	450.88	405.68

Management

Average Yield (Bushel/acre)	67.08	68.75
Expected Market Price (\$/Bushel)	6.81	6.71

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: CPS Wheat - All
Soil Zone: All - Dryland
Unit: Bushel

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	454.23	--	5.22	--	
	2. Crop Insurance Receipts	2.17	--	0.02	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	456.39	0.00	5.25	0.00	
(B)	Cost Items					
	1. Seed	19.55	--	0.22	--	
	2. Fertilizer	72.67	--	0.84	--	
	3. Chemical	23.72	--	0.27	--	
	4. Hail/Crop Insurance Premium	7.57	--	0.09	--	
	5. Trucking and Marketing	1.68	--	0.02	--	
	6. Fuel	13.23	--	0.15	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	13.03	--	0.15	--	
	9. Repairs - Buildings	4.32	--	0.05	--	
	10. Utilities and Miscellaneous	9.78	--	0.11	--	
	11. Custom Work	2.71	--	0.03	--	
	12. Operating Interest Paid	0.89	--	0.01	--	
	13. Paid Labour	11.37	--	0.13	--	
	14. Unpaid Labour	7.72	--	0.09	--	
Variable Costs	188.24	0.00	2.16	0.00		
(C)	1. Cash/ Share Land Rent	37.56	--	0.43	--	
	2. Taxes, Water Rates, License & Ins.	4.75	--	0.05	--	
	3. Equipment and Building:	a) Depreciation	30.59	--	0.35	--
		b) Lease Payments	1.34	--	0.02	--
	4. Paid Capital Interest	4.66	--	0.05	--	
Capital Costs	78.89	0.00	0.91	0.00		
(D)	Cash Costs	(B+C-B14-C3a)	228.83	--	2.63	
(E)	Total Production Costs	(B+C)	267.13	--	3.07	
	Gross Margin	(A-D)	227.56	--	2.62	
	Return to Unpaid Labour	(A-E+B14)	196.98	--	2.26	
	Return to Investment	(A-E+C4)	193.92	--	2.23	
	Return to Equity	(A-E)	189.26	--	2.18	

Investment

Buildings	159.36	--
Machinery	250.61	--
Irrigation Machinery	0.00	--
Total (incl. Land)	1028.29	--

Management

Average Yield	(Bushel/acre)	87.01	--
Expected Market Price	(\$/Bushel)	5.22	--

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: CPS Wheat - Own
Soil Zone: All - Dryland
Unit: Bushel

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	453.76	--	5.94	--	
	2. Crop Insurance Receipts	6.44	--	0.08	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	460.20	0.00	6.02	0.00	
(B)	Cost Items					
	1. Seed	25.83	--	0.34	--	
	2. Fertilizer	53.95	--	0.71	--	
	3. Chemical	27.83	--	0.36	--	
	4. Hail/Crop Insurance Premium	10.31	--	0.13	--	
	5. Trucking and Marketing	4.65	--	0.06	--	
	6. Fuel	16.70	--	0.22	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	8.20	--	0.11	--	
	9. Repairs - Buildings	5.82	--	0.08	--	
	10. Utilities and Miscellaneous	8.66	--	0.11	--	
	11. Custom Work	7.34	--	0.10	--	
	12. Operating Interest Paid	0.63	--	0.01	--	
	13. Paid Labour	7.68	--	0.10	--	
	14. Unpaid Labour	8.89	--	0.12	--	
Variable Costs	186.50	0.00	2.44	0.00		
(C)	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	9.56	--	0.13	--	
	3. Equipment and Building:	a) Depreciation	27.37	--	0.36	--
		b) Lease Payments	4.73	--	0.06	--
	4. Paid Capital Interest	5.37	--	0.07	--	
Capital Costs	47.03	0.00	0.62	0.00		
(D)	Cash Costs	(B+C-B14-C3a)	197.28	--	2.58	
(E)	Total Production Costs	(B+C)	233.54	--	3.06	
	Gross Margin	(A-D)	262.92	--	3.44	
	Return to Unpaid Labour	(A-E+B14)	235.55	--	3.08	
	Return to Investment	(A-E+C4)	232.04	--	3.04	
	Return to Equity	(A-E)	226.66	--	2.97	

Investment

Buildings	149.88	--
Machinery	230.09	--
Irrigation Machinery	0.00	--
Total (incl. Land)	2569.16	--

Management

Average Yield	(Bushel/acre)	76.41	--
Expected Market Price	(\$/Bushel)	5.94	--

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: CPS Wheat - Rent
Soil Zone: All - Dryland
Unit: Bushel

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	454.41	--	4.98	--	
	2. Crop Insurance Receipts	0.48	--	0.01	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	454.89	0.00	4.99	0.00	
(B)	Cost Items					
	1. Seed	17.08	--	0.19	--	
	2. Fertilizer	80.03	--	0.88	--	
	3. Chemical	22.10	--	0.24	--	
	4. Hail/Crop Insurance Premium	6.50	--	0.07	--	
	5. Trucking and Marketing	0.50	--	0.01	--	
	6. Fuel	11.86	--	0.13	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	14.92	--	0.16	--	
	9. Repairs - Buildings	3.74	--	0.04	--	
	10. Utilities and Miscellaneous	10.23	--	0.11	--	
	11. Custom Work	0.89	--	0.01	--	
	12. Operating Interest Paid	0.99	--	0.01	--	
	13. Paid Labour	12.82	--	0.14	--	
	14. Unpaid Labour	7.26	--	0.08	--	
Variable Costs	188.93	0.00	2.07	0.00		
(C)	1. Cash/ Share Land Rent	52.34	--	0.57	--	
	2. Taxes, Water Rates, License & Ins.	2.86	--	0.03	--	
	3. Equipment and Building:	a) Depreciation	31.85	--	0.35	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	4.38	--	0.05	--	
Capital Costs	91.43	0.00	1.00	0.00		
(D)	Cash Costs	241.25	--	2.65	--	
(E)	Total Production Costs	280.36	--	3.07	--	
	Gross Margin	213.65	--	2.34	--	
	Return to Unpaid Labour	181.79	--	1.99	--	
	Return to Investment	178.92	--	1.96	--	
	Return to Equity	174.53	--	1.91	--	

Investment

Buildings	163.09	--
Machinery	258.69	--
Irrigation Machinery	0.00	--
Total (incl. Land)	421.78	--

Management

Average Yield	(Bushel/acre)	91.18	--
Expected Market Price	(\$/Bushel)	4.98	--

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: *Feed Barley - All*
Soil Zone: *All - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	218.59	324.36	3.82	3.84
	2. Crop Insurance Receipts	37.90	7.65	0.66	0.09
	3. Other Receipts	13.37	6.91	0.23	0.08
Gross Receipts		269.86	338.92	4.71	4.02
(B)	Cost Items				
	1. Seed	16.73	14.27	0.29	0.17
	2. Fertilizer	42.80	46.82	0.75	0.56
	3. Chemical	13.60	18.87	0.24	0.22
	4. Hail/Crop Insurance Premium	11.32	5.74	0.20	0.07
	5. Trucking and Marketing	3.88	5.34	0.07	0.06
	6. Fuel	18.68	15.73	0.33	0.19
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	13.76	9.32	0.24	0.11
	9. Repairs - Buildings	3.40	6.25	0.06	0.07
	10. Utilities and Miscellaneous	16.58	8.42	0.29	0.10
	11. Custom Work	5.12	7.35	0.09	0.09
	12. Operating Interest Paid	2.51	0.83	0.04	0.01
	13. Paid Labour	11.59	8.48	0.20	0.10
	14. Unpaid Labour	9.15	9.38	0.16	0.11
Variable Costs		169.12	156.80	2.95	1.86
(C)	1. Cash/ Share Land Rent	20.07	4.74	0.35	0.06
	2. Taxes, Water Rates, License & Ins.	7.17	6.92	0.13	0.08
	3. Equipment and Building: a) Depreciation	35.90	24.64	0.63	0.29
	b) Lease Payments	2.10	4.12	0.04	0.05
	4. Paid Capital Interest	6.73	5.71	0.12	0.55
Capital Costs		71.99	46.13	1.26	1.03
(D)	Cash Costs (B+C-B14-C3a)	196.06	168.92	3.43	2.48
(E)	Total Production Costs (B+C)	241.11	202.94	4.21	2.88
	Gross Margin (A-D)	73.80	170.00	1.29	1.54
	Return to Unpaid Labour (A-E+B14)	37.90	145.36	0.66	1.24
	Return to Investment (A-E+C4)	35.48	141.69	0.62	1.68
	Return to Equity (A-E)	28.74	135.98	0.50	1.13

Investment

Buildings	97.13	114.36
Machinery	344.25	215.02
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1374.58	1826.11

Management

Average Yield (Bushel/acre)	57.24	84.36
Expected Market Price (\$/Bushel)	3.82	3.84

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: *Feed Barley - Own*
Soil Zone: *All - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	320.69	--	3.81	--	
	2. Crop Insurance Receipts	7.99	--	0.09	--	
	3. Other Receipts	1.95	--	0.02	--	
	Gross Receipts	330.62	0.00	3.93	0.00	
(B)	Cost Items					
	1. Seed	14.02	--	0.17	--	
	2. Fertilizer	45.70	--	0.54	--	
	3. Chemical	19.97	--	0.24	--	
	4. Hail/Crop Insurance Premium	8.55	--	0.10	--	
	5. Trucking and Marketing	4.54	--	0.05	--	
	6. Fuel	16.22	--	0.19	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	8.12	--	0.10	--	
	9. Repairs - Buildings	6.52	--	0.08	--	
	10. Utilities and Miscellaneous	9.30	--	0.11	--	
	11. Custom Work	4.14	--	0.05	--	
	12. Operating Interest Paid	0.95	--	0.01	--	
	13. Paid Labour	9.60	--	0.11	--	
	14. Unpaid Labour	7.92	--	0.09	--	
	Variable Costs	155.53	0.00	1.85	0.00	
(C)	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	8.03	--	0.10	--	
	3. Equipment and Building:	a) Depreciation	27.72	--	0.33	--
		b) Lease Payments	4.72	--	0.06	--
	4. Paid Capital Interest	6.09	--	0.07	--	
	Capital Costs	46.55	0.00	0.55	0.00	
(D)	Cash Costs	166.45	--	1.98	--	
(E)	Total Production Costs	202.09	--	2.40	--	
	Gross Margin	164.18	--	1.95	--	
	Return to Unpaid Labour	136.46	--	1.62	--	
	Return to Investment	134.62	--	1.60	--	
	Return to Equity	128.53	--	1.53	--	

Investment

Buildings	117.96	--
Machinery	245.07	--
Irrigation Machinery	0.00	--
Total (incl. Land)	2454.35	--

Management

Average Yield	(Bushel/acre)	84.16	--
Expected Market Price	(\$/Bushel)	3.81	--

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: *Feed Barley - Rent*
Soil Zone: *All - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	136.32	195.46	3.83	3.83	
	2. Crop Insurance Receipts	62.00	69.45	1.74	1.36	
	3. Other Receipts	22.58	42.57	0.64	0.83	
	Gross Receipts	220.89	307.48	6.21	6.02	
(B)	Cost Items					
	1. Seed	18.92	18.27	0.53	0.36	
	2. Fertilizer	40.46	53.20	1.14	1.04	
	3. Chemical	8.47	12.00	0.24	0.23	
	4. Hail/Crop Insurance Premium	13.55	6.88	0.38	0.13	
	5. Trucking and Marketing	3.36	5.62	0.09	0.11	
	6. Fuel	20.67	17.56	0.58	0.34	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	18.31	14.77	0.52	0.29	
	9. Repairs - Buildings	0.90	1.45	0.03	0.03	
	10. Utilities and Miscellaneous	22.44	9.19	0.63	0.18	
	11. Custom Work	5.91	12.58	0.17	0.25	
	12. Operating Interest Paid	3.76	0.44	0.11	0.01	
	13. Paid Labour	13.19	5.45	0.37	0.11	
	14. Unpaid Labour	10.14	13.46	0.29	0.26	
	Variable Costs	180.07	170.88	5.07	3.34	
(C)	1. Cash/ Share Land Rent	36.25	36.38	1.02	0.71	
	2. Taxes, Water Rates, License & Ins.	6.48	5.48	0.18	0.11	
	3. Equipment and Building:	a) Depreciation	42.50	35.16	1.20	0.69
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	7.26	2.68	0.20	1.56	
	Capital Costs	92.48	79.70	2.60	3.07	
(D)	Cash Costs	(B+C-B14-C3a)	219.92	201.96	6.19	5.46
(E)	Total Production Costs	(B+C)	272.56	250.58	7.67	6.41
	Gross Margin	(A-D)	0.97	105.52	0.03	0.56
	Return to Unpaid Labour	(A-E+B14)	(41.52)	70.36	(1.17)	(0.13)
	Return to Investment	(A-E+C4)	(44.41)	59.58	(1.25)	1.17
	Return to Equity	(A-E)	(51.66)	56.90	(1.45)	(0.39)

Investment

Buildings	80.35	111.76
Machinery	424.17	342.27
Irrigation Machinery	0.00	0.00
Total (incl. Land)	504.51	454.03

Management

Average Yield	(Bushel/acre)	35.55	51.09
Expected Market Price	(\$/Bushel)	3.83	3.83

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: Oats - All
Soil Zone: All - Dryland
Unit: Bushel

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	300.86	396.83	2.85	3.07	
	2. Crop Insurance Receipts	9.58	15.66	0.09	0.12	
	3. Other Receipts	14.18	5.04	0.13	0.04	
	Gross Receipts	324.62	417.53	3.08	3.23	
(B)	Cost Items					
	1. Seed	16.35	17.21	0.15	0.13	
	2. Fertilizer	37.22	43.60	0.35	0.34	
	3. Chemical	10.18	10.67	0.10	0.08	
	4. Hail/Crop Insurance Premium	4.08	2.83	0.04	0.02	
	5. Trucking and Marketing	5.16	7.56	0.05	0.06	
	6. Fuel	21.83	14.10	0.21	0.11	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	12.58	9.32	0.12	0.07	
	9. Repairs - Buildings	4.75	6.18	0.04	0.05	
	10. Utilities and Miscellaneous	9.71	7.38	0.09	0.06	
	11. Custom Work	9.27	5.88	0.09	0.05	
	12. Operating Interest Paid	2.04	0.38	0.02	0.00	
	13. Paid Labour	8.20	10.43	0.08	0.08	
	14. Unpaid Labour	14.88	7.81	0.14	0.06	
	Variable Costs	156.25	143.35	1.48	1.11	
(C)	1. Cash/ Share Land Rent	15.43	11.41	0.15	0.09	
	2. Taxes, Water Rates, License & Ins.	5.67	5.89	0.05	0.05	
	3. Equipment and Building:	a) Depreciation	28.64	28.66	0.27	0.22
		b) Lease Payments	1.99	3.81	0.02	0.03
	4. Paid Capital Interest	3.36	3.45	0.03	0.41	
	Capital Costs	55.11	53.22	0.52	0.80	
(D)	Cash Costs	167.83	160.10	1.59	1.63	
(E)	Total Production Costs	211.36	196.57	2.00	1.91	
	Gross Margin	156.79	257.44	1.49	1.61	
	Return to Unpaid Labour	128.15	228.78	1.21	1.39	
	Return to Investment	116.63	224.42	1.10	1.74	
	Return to Equity	113.26	220.97	1.07	1.33	

Investment

Buildings	110.37	119.09
Machinery	258.37	261.41
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1263.08	1306.06

Management

Average Yield	(Bushel/acre)	105.55	129.12
Expected Market Price	(\$/Bushel)	2.85	3.07

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: Oats - Own
Soil Zone: All - Dryland
Unit: Bushel

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	265.36	--	2.76	--	
	2. Crop Insurance Receipts	7.65	--	0.08	--	
	3. Other Receipts	19.17	--	0.20	--	
	Gross Receipts	292.17	0.00	3.04	0.00	
(B)	Cost Items					
	1. Seed	16.13	--	0.17	--	
	2. Fertilizer	32.23	--	0.33	--	
	3. Chemical	8.66	--	0.09	--	
	4. Hail/Crop Insurance Premium	2.94	--	0.03	--	
	5. Trucking and Marketing	5.75	--	0.06	--	
	6. Fuel	22.99	--	0.24	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	11.23	--	0.12	--	
	9. Repairs - Buildings	4.87	--	0.05	--	
	10. Utilities and Miscellaneous	9.47	--	0.10	--	
	11. Custom Work	10.74	--	0.11	--	
	12. Operating Interest Paid	1.84	--	0.02	--	
	13. Paid Labour	6.34	--	0.07	--	
	14. Unpaid Labour	17.41	--	0.18	--	
	Variable Costs	150.60	0.00	1.56	0.00	
(C)	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	6.47	--	0.07	--	
	3. Equipment and Building:	a) Depreciation	26.59	--	0.28	--
		b) Lease Payments	1.52	--	0.02	--
	4. Paid Capital Interest	2.23	--	0.02	--	
	Capital Costs	36.81	0.00	0.38	0.00	
(D)	Cash Costs	(B+C-B14-C3a)	143.40	--	1.49	
(E)	Total Production Costs	(B+C)	187.41	--	1.95	
	Gross Margin	(A-D)	148.77	--	1.55	
	Return to Unpaid Labour	(A-E+B14)	122.18	--	1.27	
	Return to Investment	(A-E+C4)	106.99	--	1.11	
	Return to Equity	(A-E)	104.76	--	1.09	

Investment

Buildings	98.17	--
Machinery	244.02	--
Irrigation Machinery	0.00	--
Total (incl. Land)	1550.89	--

Management

Average Yield	(Bushel/acre)	96.24	--
Expected Market Price	(\$/Bushel)	2.76	--

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: Oats - Rent
Soil Zone: All - Dryland
Unit: Bushel

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	401.86	--	3.04	--	
	2. Crop Insurance Receipts	15.08	--	0.11	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	416.93	0.00	3.16	0.00	
(B)	Cost Items					
	1. Seed	16.98	--	0.13	--	
	2. Fertilizer	51.45	--	0.39	--	
	3. Chemical	14.49	--	0.11	--	
	4. Hail/Crop Insurance Premium	7.35	--	0.06	--	
	5. Trucking and Marketing	3.46	--	0.03	--	
	6. Fuel	18.51	--	0.14	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	16.39	--	0.12	--	
	9. Repairs - Buildings	4.40	--	0.03	--	
	10. Utilities and Miscellaneous	10.40	--	0.08	--	
	11. Custom Work	5.11	--	0.04	--	
	12. Operating Interest Paid	2.59	--	0.02	--	
	13. Paid Labour	13.51	--	0.10	--	
	14. Unpaid Labour	7.69	--	0.06	--	
	Variable Costs	172.33	0.00	1.30	0.00	
(C)	1. Cash/ Share Land Rent	59.35	--	0.45	--	
	2. Taxes, Water Rates, License & Ins.	3.41	--	0.03	--	
	3. Equipment and Building:	a) Depreciation	34.47	--	0.26	--
		b) Lease Payments	3.35	--	0.03	--
	4. Paid Capital Interest	6.58	--	0.05	--	
	Capital Costs	107.16	0.00	0.81	0.00	
(D)	Cash Costs	(B+C-B14-C3a)	237.33	--	1.80	
(E)	Total Production Costs	(B+C)	279.49	--	2.12	
	Gross Margin	(A-D)	179.61	--	1.36	
	Return to Unpaid Labour	(A-E+B14)	145.13	--	1.10	
	Return to Investment	(A-E+C4)	144.03	--	1.09	
	Return to Equity	(A-E)	137.44	--	1.04	

Investment

Buildings	145.08	--
Machinery	299.18	--
Irrigation Machinery	0.00	--
Total (incl. Land)	444.26	--

Management

Average Yield	(Bushel/acre)	132.06	--
Expected Market Price	(\$/Bushel)	3.04	--

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: *Liberty Link Canola - All*
Soil Zone: *All - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	396.15	630.27	11.60	11.75	
	2. Crop Insurance Receipts	71.76	0.00	2.10	0.00	
	3. Other Receipts	0.00	0.00	0.00	0.00	
	Gross Receipts	467.91	630.27	13.70	11.75	
(B)	Cost Items					
	1. Seed	42.94	45.93	1.26	0.86	
	2. Fertilizer	93.84	90.34	2.75	1.68	
	3. Chemical	22.63	26.71	0.66	0.50	
	4. Hail/Crop Insurance Premium	29.19	16.76	0.85	0.31	
	5. Trucking and Marketing	3.12	5.79	0.09	0.11	
	6. Fuel	21.19	17.63	0.62	0.33	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	18.33	7.90	0.54	0.15	
	9. Repairs - Buildings	2.13	6.01	0.06	0.11	
	10. Utilities and Miscellaneous	27.97	8.38	0.82	0.16	
	11. Custom Work	7.39	7.99	0.22	0.15	
	12. Operating Interest Paid	5.26	0.50	0.15	0.01	
	13. Paid Labour	15.93	7.80	0.47	0.15	
	14. Unpaid Labour	7.88	8.92	0.23	0.17	
	Variable Costs	297.80	250.65	8.72	4.67	
(C)	1. Cash/ Share Land Rent	25.39	1.39	0.74	0.03	
	2. Taxes, Water Rates, License & Ins.	7.46	8.26	0.22	0.15	
	3. Equipment and Building:	a) Depreciation	43.56	34.62	1.28	0.65
		b) Lease Payments	1.70	4.80	0.05	0.09
	4. Paid Capital Interest	13.33	6.65	0.39	1.04	
	Capital Costs	91.43	55.73	2.68	1.95	
(D)	Cash Costs	337.79	262.84	9.89	5.81	
(E)	Total Production Costs	389.24	306.38	11.39	6.62	
	Gross Margin	130.12	367.44	3.81	5.93	
	Return to Unpaid Labour	86.56	332.82	2.53	5.29	
	Return to Investment	92.01	330.55	2.69	6.16	
	Return to Equity	78.68	323.90	2.30	5.12	

Investment

Buildings	119.83	185.02
Machinery	406.55	282.81
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1275.81	2226.68

Management

Average Yield	(Bushel/acre)	34.16	53.65
Expected Market Price	(\$/Bushel)	11.60	11.75

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: *Liberty Link Canola - Own*
Soil Zone: *All - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	569.72	650.28	11.71	11.75
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	0.00	0.00	0.00	0.00
	Gross Receipts	569.72	650.28	11.71	11.75
(B)	Cost Items				
	1. Seed	45.69	46.02	0.94	0.83
	2. Fertilizer	93.74	93.41	1.93	1.69
	3. Chemical	25.99	37.19	0.53	0.67
	4. Hail/Crop Insurance Premium	21.32	19.76	0.44	0.36
	5. Trucking and Marketing	4.22	4.67	0.09	0.08
	6. Fuel	17.64	16.21	0.36	0.29
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	10.36	7.23	0.21	0.13
	9. Repairs - Buildings	5.53	7.18	0.11	0.13
	10. Utilities and Miscellaneous	13.29	8.21	0.27	0.15
	11. Custom Work	7.10	8.93	0.15	0.16
	12. Operating Interest Paid	1.75	0.56	0.04	0.01
	13. Paid Labour	10.53	9.47	0.22	0.17
	14. Unpaid Labour	8.20	7.70	0.17	0.14
	Variable Costs	265.36	266.53	5.45	4.82
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	9.71	8.48	0.20	0.15
	3. Equipment and Building: a) Depreciation	28.92	22.72	0.59	0.41
	b) Lease Payments	4.49	5.83	0.09	0.11
4. Paid Capital Interest	14.32	6.63	0.29	0.79	
	Capital Costs	57.45	43.66	1.18	1.46
(D)	Cash Costs				
	(B+C-B14-C3a)	285.69	279.76	5.87	5.72
(E)	Total Production Costs				
	(B+C)	322.81	310.19	6.63	6.27
	Gross Margin	(A-D) 284.03	370.52	5.84	6.03
	Return to Unpaid Labour	(A-E+B14) 255.10	347.80	5.24	5.62
	Return to Investment	(A-E+C4) 261.23	346.72	5.37	6.26
	Return to Equity	(A-E) 246.91	340.10	5.07	5.48

Investment

Buildings	129.90	124.93
Machinery	252.16	187.29
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2364.25	2312.23

Management

Average Yield	(Bushel/acre)	48.65	55.34
Expected Market Price	(\$/Bushel)	11.71	11.75

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: *Liberty Link Canola - Rent*
Soil Zone: *All - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	290.64	406.45	11.46	11.61	
	2. Crop Insurance Receipts	115.38	147.04	4.55	4.20	
	3. Other Receipts	0.00	0.00	0.00	0.00	
	Gross Receipts	406.02	553.48	16.02	15.81	
(B)	Cost Items					
	1. Seed	41.27	41.56	1.63	1.19	
	2. Fertilizer	93.90	93.14	3.70	2.66	
	3. Chemical	20.59	27.11	0.81	0.77	
	4. Hail/Crop Insurance Premium	33.98	30.52	1.34	0.87	
	5. Trucking and Marketing	2.45	3.81	0.10	0.11	
	6. Fuel	23.36	23.81	0.92	0.68	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	23.18	21.88	0.91	0.62	
	9. Repairs - Buildings	0.06	0.16	0.00	0.00	
	10. Utilities and Miscellaneous	36.89	34.36	1.46	0.98	
	11. Custom Work	7.57	1.36	0.30	0.04	
	12. Operating Interest Paid	7.39	6.72	0.29	0.19	
	13. Paid Labour	19.22	17.67	0.76	0.50	
	14. Unpaid Labour	7.69	8.15	0.30	0.23	
	Variable Costs	317.52	310.24	12.52	8.86	
(C)	1. Cash/ Share Land Rent	40.82	33.21	1.61	0.95	
	2. Taxes, Water Rates, License & Ins.	6.09	6.04	0.24	0.17	
	3. Equipment and Building:	a) Depreciation	52.46	59.77	2.07	1.71
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	12.73	13.02	0.50	3.20	
	Capital Costs	112.09	112.03	4.42	6.03	
(D)	Cash Costs	369.47	354.37	14.57	12.95	
(E)	Total Production Costs	429.62	422.28	16.95	14.89	
	Gross Margin	36.56	199.12	1.44	2.86	
	Return to Unpaid Labour	(15.90)	139.35	(0.63)	1.15	
	Return to Investment	(10.87)	144.23	(0.43)	4.12	
	Return to Equity	(23.60)	131.20	(0.93)	0.92	

Investment

Buildings	113.71	162.54
Machinery	500.41	549.34
Irrigation Machinery	0.00	0.00
Total (incl. Land)	614.11	711.88

Management

Average Yield	(Bushel/acre)	25.35	35.01
Expected Market Price	(\$/Bushel)	11.46	11.61

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: *Roundup Ready Canola - All*
Soil Zone: *All - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	369.16	508.00	11.52	11.76	
	2. Crop Insurance Receipts	3.20	0.00	0.10	0.00	
	3. Other Receipts	1.63	0.00	0.05	0.00	
	Gross Receipts	373.99	508.00	11.67	11.76	
(B)	Cost Items					
	1. Seed	33.11	32.23	1.03	0.75	
	2. Fertilizer	72.76	87.55	2.27	2.03	
	3. Chemical	19.98	23.69	0.62	0.55	
	4. Hail/Crop Insurance Premium	11.45	8.47	0.36	0.20	
	5. Trucking and Marketing	5.24	9.77	0.16	0.23	
	6. Fuel	15.20	19.73	0.47	0.46	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	17.37	14.76	0.54	0.34	
	9. Repairs - Buildings	2.91	2.48	0.09	0.06	
	10. Utilities and Miscellaneous	14.38	12.77	0.45	0.30	
	11. Custom Work	1.91	7.67	0.06	0.18	
	12. Operating Interest Paid	2.03	1.83	0.06	0.04	
	13. Paid Labour	12.21	5.15	0.38	0.12	
	14. Unpaid Labour	9.59	16.39	0.30	0.38	
	Variable Costs	218.16	242.50	6.81	5.62	
(C)	1. Cash/ Share Land Rent	26.50	6.96	0.83	0.16	
	2. Taxes, Water Rates, License & Ins.	6.49	10.68	0.20	0.25	
	3. Equipment and Building:	a) Depreciation	37.03	50.53	1.16	1.17
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	16.78	14.75	0.52	1.92	
	Capital Costs	86.80	82.92	2.71	3.50	
(D)	Cash Costs	(B+C-B14-C3a)	258.34	258.50	8.06	7.56
(E)	Total Production Costs	(B+C)	304.96	325.42	9.52	9.11
	Gross Margin	(A-D)	115.65	249.50	3.61	4.20
	Return to Unpaid Labour	(A-E+B14)	78.62	198.97	2.45	3.03
	Return to Investment	(A-E+C4)	85.81	197.32	2.68	4.57
	Return to Equity	(A-E)	69.03	182.58	2.15	2.65

Investment

Buildings	172.22	248.94
Machinery	306.15	412.57
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1243.95	1936.08

Management

Average Yield	(Bushel/acre)	32.04	43.19
Expected Market Price	(\$/Bushel)	11.52	11.76

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: Roundup Ready Canola - Own
Soil Zone: All - Dryland
Unit: Bushel

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	377.70	473.38	11.56	11.76
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	0.00	0.00	0.00	0.00
Gross Receipts		377.70	473.38	11.56	11.76
(B)	Cost Items				
	1. Seed	32.07	33.49	0.98	0.83
	2. Fertilizer	70.72	92.92	2.17	2.31
	3. Chemical	20.28	25.16	0.62	0.63
	4. Hail/Crop Insurance Premium	10.02	8.93	0.31	0.22
	5. Trucking and Marketing	7.36	12.94	0.23	0.32
	6. Fuel	14.05	18.05	0.43	0.45
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	15.23	7.86	0.47	0.20
	9. Repairs - Buildings	3.34	3.44	0.10	0.09
	10. Utilities and Miscellaneous	12.53	14.48	0.38	0.36
	11. Custom Work	2.56	9.78	0.08	0.24
	12. Operating Interest Paid	1.02	0.44	0.03	0.01
	13. Paid Labour	9.84	0.00	0.30	0.00
	14. Unpaid Labour	10.86	20.03	0.33	0.50
Variable Costs		209.87	247.52	6.43	6.15
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	9.13	13.06	0.28	0.32
	3. Equipment and Building: a) Depreciation	35.43	48.30	1.08	1.20
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	25.69	2.65	0.79	1.59
Capital Costs		70.24	64.00	2.15	3.11
(D)	Cash Costs (B+C-B14-C3a)	233.83	243.19	7.16	7.57
(E)	Total Production Costs (B+C)	280.12	311.52	8.58	9.26
	Gross Margin (A-D)	143.87	230.19	4.40	4.19
	Return to Unpaid Labour (A-E+B14)	108.44	181.89	3.32	2.99
	Return to Investment (A-E+C4)	123.27	164.50	3.77	4.09
	Return to Equity (A-E)	97.58	161.86	2.99	2.50

Investment

Buildings	183.10	249.48
Machinery	283.96	388.96
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1963.30	1975.50

Management

Average Yield (Bushel/acre)	32.66	40.25
Expected Market Price (\$/Bushel)	11.56	11.76

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: *Roundup Ready Canola - Rent*
Soil Zone: *All - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	360.21	551.92	11.47	11.91	
	2. Crop Insurance Receipts	6.55	0.00	0.21	0.00	
	3. Other Receipts	3.33	0.00	0.11	0.00	
	Gross Receipts	370.09	551.92	11.79	11.91	
(B)	Cost Items					
	1. Seed	34.20	33.68	1.09	0.73	
	2. Fertilizer	74.91	79.90	2.39	1.72	
	3. Chemical	19.67	22.03	0.63	0.48	
	4. Hail/Crop Insurance Premium	12.95	5.44	0.41	0.12	
	5. Trucking and Marketing	3.02	8.23	0.10	0.18	
	6. Fuel	16.41	20.24	0.52	0.44	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	19.61	18.27	0.62	0.39	
	9. Repairs - Buildings	2.46	1.76	0.08	0.04	
	10. Utilities and Miscellaneous	16.32	10.08	0.52	0.22	
	11. Custom Work	1.24	7.86	0.04	0.17	
	12. Operating Interest Paid	3.09	1.85	0.10	0.04	
	13. Paid Labour	14.69	7.23	0.47	0.16	
	14. Unpaid Labour	8.26	13.60	0.26	0.29	
	Variable Costs	226.83	230.16	7.23	4.97	
(C)	1. Cash/ Share Land Rent	54.26	30.30	1.73	0.65	
	2. Taxes, Water Rates, License & Ins.	3.73	4.39	0.12	0.09	
	3. Equipment and Building:	a) Depreciation	38.71	57.68	1.23	1.24
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	7.45	7.34	0.24	2.15	
	Capital Costs	104.15	99.71	3.32	4.14	
(D)	Cash Costs	284.01	258.60	9.05	7.57	
(E)	Total Production Costs	330.98	329.88	10.54	9.11	
	Gross Margin	86.08	293.32	2.74	4.33	
	Return to Unpaid Labour	47.37	235.64	1.51	3.09	
	Return to Investment	46.56	229.38	1.48	4.95	
	Return to Equity	39.11	222.04	1.25	2.80	

Investment

Buildings	160.83	262.98
Machinery	329.40	484.29
Irrigation Machinery	0.00	0.00
Total (incl. Land)	490.23	747.27

Management

Average Yield	(Bushel/acre)	31.39	46.36
Expected Market Price	(\$/Bushel)	11.47	11.91

2011 Crop Enterprise Analysis

AgriProfit®

Crop: *Field Peas - All*
Soil Zone: *All - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	224.67	--	7.50	--	
	2. Crop Insurance Receipts	17.50	--	0.58	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	242.17	0.00	8.08	0.00	
(B)	Cost Items					
	1. Seed	48.60	--	1.62	--	
	2. Fertilizer	52.94	--	1.77	--	
	3. Chemical	70.00	--	2.34	--	
	4. Hail/Crop Insurance Premium	24.68	--	0.82	--	
	5. Trucking and Marketing	1.24	--	0.04	--	
	6. Fuel	26.94	--	0.90	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	25.29	--	0.84	--	
	9. Repairs - Buildings	0.00	--	0.00	--	
	10. Utilities and Miscellaneous	41.93	--	1.40	--	
	11. Custom Work	0.00	--	0.00	--	
	12. Operating Interest Paid	8.68	--	0.29	--	
	13. Paid Labour	22.84	--	0.76	--	
	14. Unpaid Labour	6.33	--	0.21	--	
Variable Costs	329.46	0.00	11.00	0.00		
(C)	1. Cash/ Share Land Rent	31.62	--	1.06	--	
	2. Taxes, Water Rates, License & Ins.	8.13	--	0.27	--	
	3. Equipment and Building:	a) Depreciation	47.96	--	1.60	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	27.70	--	0.92	--	
Capital Costs	115.41	0.00	3.85	0.00		
(D)	Cash Costs	390.58	--	13.04	--	
(E)	Total Production Costs	444.87	--	14.85	--	
	Gross Margin	(148.42)	--	(4.95)	--	
	Return to Unpaid Labour	(196.38)	--	(6.56)	--	
	Return to Investment	(175.00)	--	(5.84)	--	
	Return to Equity	(202.71)	--	(6.77)	--	

Investment

Buildings	59.92	--
Machinery	476.09	--
Irrigation Machinery	0.00	--
Total (incl. Land)	864.96	--

Management

Average Yield	(Bushel/acre)	29.96	--
Expected Market Price	(\$/Bushel)	7.50	--

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: Alfalfa/ Grass Hay - All

Soil Zone: All - Dryland

Unit: Tonne

		----- \$/Acre -----		----- \$/Tonne -----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	108.49	133.29	66.60	69.59	
	2. Crop Insurance Receipts	1.63	0.00	1.00	0.00	
	3. Other Receipts	2.82	3.35	1.73	1.75	
	Gross Receipts	112.94	136.64	69.34	71.34	
(B)	Cost Items					
	1. Seed	0.00	0.00	0.00	0.00	
	2. Fertilizer	6.04	2.08	3.71	1.09	
	3. Chemical	0.07	0.19	0.04	0.10	
	4. Hail/Crop Insurance Premium	1.12	0.36	0.69	0.19	
	5. Trucking and Marketing	0.02	0.00	0.01	0.00	
	6. Fuel	9.51	7.97	5.84	4.16	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	8.92	6.90	5.48	3.60	
	9. Repairs - Buildings	0.33	0.00	0.21	0.00	
	10. Utilities and Miscellaneous	5.16	4.67	3.17	2.44	
	11. Custom Work	0.17	0.00	0.11	0.00	
	12. Operating Interest Paid	0.84	0.53	0.51	0.28	
	13. Paid Labour	3.72	0.00	2.28	0.00	
	14. Unpaid Labour	13.54	12.25	8.31	6.39	
	Variable Costs	49.44	34.95	30.36	18.25	
(C)	1. Cash/ Share Land Rent	15.79	14.30	9.69	7.46	
	2. Taxes, Water Rates, License & Ins.	2.72	1.86	1.67	0.97	
	3. Equipment and Building:	a) Depreciation	22.52	14.19	13.83	7.41
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	1.99	0.00	1.22	15.85	
	Capital Costs	43.01	30.35	26.41	31.69	
(D)	Cash Costs					
		(B+C-B14-C3a)	56.40	38.87	34.62	36.14
(E)	Total Production Costs					
		(B+C)	92.46	65.30	56.76	49.94
	Gross Margin					
		(A-D)	56.54	97.77	34.71	35.20
	Return to Unpaid Labour					
		(A-E+B14)	34.02	83.58	20.88	27.79
	Return to Investment					
		(A-E+C4)	22.47	71.34	13.79	37.24
	Return to Equity					
		(A-E)	20.48	71.34	12.57	21.40

Investment

Buildings	32.10	9.61
Machinery	214.65	140.24
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1022.30	769.13

Management

Average Yield	(Tonne/acre)	1.63	1.92
Expected Market Price	(\$/Tonne)	66.60	69.59

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: Alfalfa/ Grass Hay - Own

Soil Zone: All - Dryland

Unit: Tonne

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	98.93	119.55	63.14	66.25
	2. Crop Insurance Receipts	1.75	0.00	1.12	0.00
	3. Other Receipts	4.73	7.33	3.02	4.06
Gross Receipts		105.41	126.87	67.27	70.31
(B)	Cost Items				
	1. Seed	0.00	0.00	0.00	0.00
	2. Fertilizer	3.22	0.00	2.05	0.00
	3. Chemical	0.16	0.49	0.10	0.27
	4. Hail/Crop Insurance Premium	2.03	0.94	1.30	0.52
	5. Trucking and Marketing	0.04	0.00	0.03	0.00
	6. Fuel	10.07	8.16	6.43	4.52
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	7.71	4.91	4.92	2.72
	9. Repairs - Buildings	0.70	0.00	0.44	0.00
	10. Utilities and Miscellaneous	5.44	4.25	3.47	2.36
	11. Custom Work	0.16	0.00	0.11	0.00
	12. Operating Interest Paid	0.81	0.27	0.52	0.15
	13. Paid Labour	3.27	0.00	2.09	0.00
	14. Unpaid Labour	14.48	12.12	9.24	6.72
Variable Costs		48.09	31.14	30.69	17.26
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	3.53	2.70	2.25	1.50
	3. Equipment and Building: a) Depreciation	24.17	15.02	15.42	8.33
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	2.91	0.00	1.86	9.82
Capital Costs		30.61	17.73	19.54	19.65
(D)	Cash Costs	40.05	21.72	25.56	21.86
(E)	Total Production Costs	78.70	48.86	50.23	36.90
	Gross Margin	65.36	105.15	41.71	48.45
	Return to Unpaid Labour	41.19	90.13	26.29	40.12
	Return to Investment	29.62	78.01	18.90	43.23
	Return to Equity	26.71	78.01	17.05	33.41

Investment

Buildings	46.80	16.05
Machinery	221.40	144.27
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2014.29	1750.08

Management

Average Yield	(Tonne/acre)	1.57	1.80
Expected Market Price	(\$/Tonne)	63.14	66.25

2011 Crop Enterprise Analysis

AgriProfit®

Crop: Alfalfa/ Grass Hay - Rent

Soil Zone: All - Dryland

Unit: Tonne

		----- \$/Acre -----		----- \$/Tonne -----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	116.13	142.05	69.19	71.52	
	2. Crop Insurance Receipts	1.53	0.00	0.91	0.00	
	3. Other Receipts	1.30	0.81	0.78	0.41	
	Gross Receipts	118.96	142.87	70.87	71.93	
(B)	Cost Items					
	1. Seed	0.00	0.00	0.00	0.00	
	2. Fertilizer	8.30	3.41	4.94	1.72	
	3. Chemical	0.00	0.00	0.00	0.00	
	4. Hail/Crop Insurance Premium	0.39	0.00	0.23	0.00	
	5. Trucking and Marketing	0.01	0.00	0.01	0.00	
	6. Fuel	9.05	7.86	5.39	3.95	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	9.89	8.16	5.89	4.11	
	9. Repairs - Buildings	0.04	0.00	0.03	0.00	
	10. Utilities and Miscellaneous	4.94	4.93	2.94	2.48	
	11. Custom Work	0.18	0.00	0.11	0.00	
	12. Operating Interest Paid	0.86	0.70	0.51	0.35	
	13. Paid Labour	4.08	0.00	2.43	0.00	
	14. Unpaid Labour	12.79	12.32	7.62	6.20	
	Variable Costs	50.53	37.38	30.10	18.82	
(C)	1. Cash/ Share Land Rent	28.40	23.42	16.92	11.79	
	2. Taxes, Water Rates, License & Ins.	2.07	1.33	1.23	0.67	
	3. Equipment and Building:	a) Depreciation	21.21	13.66	12.64	6.88
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	1.25	0.00	0.74	19.34	
	Capital Costs	52.93	38.41	31.53	38.68	
(D)	Cash Costs	69.46	49.81	41.38	44.42	
(E)	Total Production Costs	103.45	75.79	61.64	57.50	
	Gross Margin	49.50	93.06	29.49	27.52	
	Return to Unpaid Labour	28.29	79.40	16.85	20.64	
	Return to Investment	16.75	67.08	9.98	33.77	
	Return to Equity	15.50	67.08	9.24	14.43	

Investment

Buildings	20.34	5.50
Machinery	209.25	137.67
Irrigation Machinery	0.00	0.00
Total (incl. Land)	229.60	143.17

Management

Average Yield	(Tonne/acre)	1.68	1.99
Expected Market Price	(\$/Tonne)	69.19	71.52

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: *Mixed Grass Hay - All*
Soil Zone: *All - Dryland*
Unit: *Tonne*

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	82.55	105.70	58.94	57.68
	2. Crop Insurance Receipts	1.43	1.44	1.02	0.79
	3. Other Receipts	19.08	17.07	13.62	9.32
Gross Receipts		103.05	124.21	73.58	67.78
(B)	Cost Items				
	1. Seed	0.00	0.00	0.00	0.00
	2. Fertilizer	9.18	2.86	6.55	1.56
	3. Chemical	0.00	0.00	0.00	0.00
	4. Hail/Crop Insurance Premium	0.35	0.60	0.25	0.33
	5. Trucking and Marketing	0.02	0.02	0.01	0.01
	6. Fuel	11.37	14.43	8.12	7.87
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	13.67	8.52	9.76	4.65
	9. Repairs - Buildings	0.02	0.03	0.01	0.02
	10. Utilities and Miscellaneous	5.16	4.52	3.69	2.47
	11. Custom Work	0.00	0.00	0.00	0.00
	12. Operating Interest Paid	1.04	1.24	0.75	0.68
	13. Paid Labour	3.55	1.53	2.54	0.84
	14. Unpaid Labour	9.76	12.82	6.97	7.00
Variable Costs		54.12	46.57	38.64	25.41
(C)	1. Cash/ Share Land Rent	13.57	15.60	9.69	8.51
	2. Taxes, Water Rates, License & Ins.	3.93	4.88	2.80	2.66
	3. Equipment and Building: a) Depreciation	18.52	18.45	13.22	10.07
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	0.29	0.28	0.20	21.40
Capital Costs		36.31	39.21	25.92	42.64
(D)	Cash Costs (B+C-B14-C3a)	62.15	54.51	44.37	50.99
(E)	Total Production Costs (B+C)	90.43	85.78	64.56	68.06
	Gross Margin (A-D)	40.91	69.71	29.21	16.79
	Return to Unpaid Labour (A-E+B14)	22.38	51.25	15.98	6.72
	Return to Investment (A-E+C4)	12.91	38.71	9.22	21.13
	Return to Equity (A-E)	12.63	38.43	9.02	(0.27)

Investment

Buildings	53.18	14.56
Machinery	161.32	183.70
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1113.48	1483.31

Management

Average Yield (Tonne/acre)	1.40	1.83
Expected Market Price (\$/Tonne)	58.94	57.68

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: *Mixed Grass Hay - Own*
Soil Zone: *All - Dryland*
Unit: *Tonne*

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	68.18	--	54.91	--
	2. Crop Insurance Receipts	1.87	--	1.51	--
	3. Other Receipts	24.99	--	20.12	--
	Gross Receipts	95.04	0.00	76.55	0.00
(B)	Cost Items				
	1. Seed	0.00	--	0.00	--
	2. Fertilizer	5.41	--	4.36	--
	3. Chemical	0.00	--	0.00	--
	4. Hail/Crop Insurance Premium	0.46	--	0.37	--
	5. Trucking and Marketing	0.01	--	0.01	--
	6. Fuel	11.49	--	9.25	--
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--
	8. Repairs - Machinery	14.34	--	11.55	--
	9. Repairs - Buildings	0.02	--	0.02	--
	10. Utilities and Miscellaneous	5.51	--	4.44	--
	11. Custom Work	0.00	--	0.00	--
	12. Operating Interest Paid	0.69	--	0.56	--
	13. Paid Labour	3.41	--	2.75	--
14. Unpaid Labour	9.38	--	7.55	--	
	Variable Costs	50.73	0.00	40.86	0.00
(C)	1. Cash/ Share Land Rent	0.00	--	0.00	--
	2. Taxes, Water Rates, License & Ins.	4.15	--	3.35	--
	3. Equipment and Building: a) Depreciation	17.19	--	13.85	--
	b) Lease Payments	0.00	--	0.00	--
4. Paid Capital Interest	0.15	--	0.12	--	
	Capital Costs	21.50	0.00	17.31	0.00
(D)	Cash Costs	45.65	--	36.77	--
(E)	Total Production Costs	72.23	--	58.17	--
	Gross Margin	49.39	--	39.78	--
	Return to Unpaid Labour	32.19	--	25.93	--
	Return to Investment	22.96	--	18.49	--
	Return to Equity	22.82	--	18.38	--

Investment

Buildings	61.82	--
Machinery	142.57	--
Irrigation Machinery	0.00	--
Total (incl. Land)	1381.82	--

Management

Average Yield	(Tonne/acre)	1.24	--
Expected Market Price	(\$/Tonne)	54.91	--

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: *Mixed Grass Hay - Rent*
Soil Zone: *All - Dryland*
Unit: *Tonne*

		----- \$/Acre -----		----- \$/Tonne -----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	128.93	--	67.36	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	128.93	0.00	67.36	0.00	
(B)	Cost Items					
	1. Seed	0.00	--	0.00	--	
	2. Fertilizer	21.33	--	11.14	--	
	3. Chemical	0.00	--	0.00	--	
	4. Hail/Crop Insurance Premium	0.00	--	0.00	--	
	5. Trucking and Marketing	0.04	--	0.02	--	
	6. Fuel	10.98	--	5.74	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	11.48	--	6.00	--	
	9. Repairs - Buildings	0.00	--	0.00	--	
	10. Utilities and Miscellaneous	4.03	--	2.11	--	
	11. Custom Work	0.00	--	0.00	--	
	12. Operating Interest Paid	2.18	--	1.14	--	
	13. Paid Labour	4.02	--	2.10	--	
	14. Unpaid Labour	10.98	--	5.74	--	
Variable Costs	65.05	0.00	33.99	0.00		
(C)	1. Cash/ Share Land Rent	57.39	--	29.98	--	
	2. Taxes, Water Rates, License & Ins.	3.20	--	1.67	--	
	3. Equipment and Building:	a) Depreciation	22.81	--	11.92	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	0.74	--	0.38	--	
Capital Costs	84.14	0.00	43.96	0.00		
(D)	Cash Costs	115.40	--	60.29	--	
(E)	Total Production Costs	149.19	--	77.94	--	
	Gross Margin	13.53	--	7.07	--	
	Return to Unpaid Labour	(9.28)	--	(4.85)	--	
	Return to Investment	(19.53)	--	(10.20)	--	
	Return to Equity	(20.26)	--	(10.59)	--	

Investment

Buildings	25.30	--
Machinery	221.87	--
Irrigation Machinery	0.00	--
Total (incl. Land)	247.17	--

Management

Average Yield	(Tonne/acre)	1.91	--
Expected Market Price	(\$/Tonne)	67.36	--

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: Grain Silage - All
Soil Zone: All - Dryland
Unit: Tonne

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	156.28	306.91	36.45	43.23
	2. Crop Insurance Receipts	11.06	0.00	2.58	0.00
	3. Other Receipts	0.00	0.00	0.00	0.00
	Gross Receipts	167.34	306.91	39.02	43.23
(B)	Cost Items				
	1. Seed	16.29	17.90	3.80	2.52
	2. Fertilizer	47.37	48.18	11.05	6.79
	3. Chemical	7.23	6.82	1.69	0.96
	4. Hail/Crop Insurance Premium	8.37	3.46	1.95	0.49
	5. Trucking and Marketing	0.01	0.02	0.00	0.00
	6. Fuel	26.70	28.37	6.23	4.00
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	20.29	23.97	4.73	3.38
	9. Repairs - Buildings	0.15	0.29	0.03	0.04
	10. Utilities and Miscellaneous	5.91	7.38	1.38	1.04
	11. Custom Work	7.55	22.00	1.76	3.10
	12. Operating Interest Paid	0.58	0.86	0.13	0.12
	13. Paid Labour	5.07	2.37	1.18	0.33
	14. Unpaid Labour	12.76	20.50	2.98	2.89
	Variable Costs	158.28	182.12	36.91	25.65
(C)	1. Cash/ Share Land Rent	16.51	9.55	3.85	1.34
	2. Taxes, Water Rates, License & Ins.	4.52	9.63	1.05	1.36
	3. Equipment and Building: a) Depreciation	25.19	39.66	5.87	5.59
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	4.09	11.58	0.95	9.92	
	Capital Costs	50.31	70.41	11.73	18.21
(D)	Cash Costs (B+C-B14-C3a)	170.65	192.37	39.79	35.39
(E)	Total Production Costs (B+C)	208.59	252.53	48.64	43.86
	Gross Margin (A-D)	(3.31)	114.54	(0.77)	7.85
	Return to Unpaid Labour (A-E+B14)	(28.50)	74.88	(6.65)	2.26
	Return to Investment (A-E+C4)	(37.17)	65.96	(8.67)	9.29
	Return to Equity (A-E)	(41.26)	54.38	(9.62)	(0.63)

Investment

Buildings	80.11	70.97
Machinery	220.90	387.90
Irrigation Machinery	0.00	0.00
Total (incl. Land)	795.89	1654.32

Management

Average Yield (Tonne/acre)	4.29	7.10
Expected Market Price (\$/Tonne)	36.45	43.23

2011 Crop Enterprise Analysis

AgriProfit®

Crop: Grain Silage - Own
Soil Zone: All - Dryland
Unit: Tonne

		----- \$/Acre -----		----- \$/Tonne -----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	208.96	--	37.06	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	208.96	0.00	37.06	0.00	
(B)	Cost Items					
	1. Seed	21.91	--	3.89	--	
	2. Fertilizer	51.71	--	9.17	--	
	3. Chemical	8.15	--	1.45	--	
	4. Hail/Crop Insurance Premium	3.04	--	0.54	--	
	5. Trucking and Marketing	0.02	--	0.00	--	
	6. Fuel	26.35	--	4.67	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	21.59	--	3.83	--	
	9. Repairs - Buildings	0.14	--	0.02	--	
	10. Utilities and Miscellaneous	6.62	--	1.17	--	
	11. Custom Work	7.51	--	1.33	--	
	12. Operating Interest Paid	0.76	--	0.13	--	
	13. Paid Labour	4.57	--	0.81	--	
	14. Unpaid Labour	12.64	--	2.24	--	
Variable Costs	165.00	0.00	29.26	0.00		
(C)	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	7.40	--	1.31	--	
	3. Equipment and Building:	a) Depreciation	28.64	--	5.08	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	5.61	--	1.00	--	
Capital Costs	41.65	0.00	7.39	0.00		
(D)	Cash Costs (B+C-B14-C3a)	165.37	--	29.33	--	
(E)	Total Production Costs (B+C)	206.65	--	36.65	--	
	Gross Margin (A-D)	43.59	--	7.73	--	
	Return to Unpaid Labour (A-E+B14)	14.95	--	2.65	--	
	Return to Investment (A-E+C4)	7.93	--	1.41	--	
	Return to Equity (A-E)	2.31	--	0.41	--	

Investment

Buildings	90.83	--
Machinery	252.09	--
Irrigation Machinery	0.00	--
Total (incl. Land)	1694.92	--

Management

Average Yield (Tonne/acre)	5.64	--
Expected Market Price (\$/Tonne)	37.06	--

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: Grain Silage - Rent
Soil Zone: All - Dryland
Unit: Tonne

		----- \$/Acre -----		----- \$/Tonne -----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	125.86	--	35.88	--	
	2. Crop Insurance Receipts	17.44	--	4.97	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	143.30	0.00	40.85	0.00	
(B)	Cost Items					
	1. Seed	13.05	--	3.72	--	
	2. Fertilizer	44.86	--	12.79	--	
	3. Chemical	6.70	--	1.91	--	
	4. Hail/Crop Insurance Premium	11.45	--	3.26	--	
	5. Trucking and Marketing	0.01	--	0.00	--	
	6. Fuel	26.90	--	7.67	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	19.55	--	5.57	--	
	9. Repairs - Buildings	0.16	--	0.04	--	
	10. Utilities and Miscellaneous	5.49	--	1.57	--	
	11. Custom Work	7.58	--	2.16	--	
	12. Operating Interest Paid	0.47	--	0.13	--	
	13. Paid Labour	5.35	--	1.53	--	
	14. Unpaid Labour	12.83	--	3.66	--	
	Variable Costs	154.41	0.00	44.01	0.00	
(C)	1. Cash/ Share Land Rent	26.04	--	7.42	--	
	2. Taxes, Water Rates, License & Ins.	2.86	--	0.82	--	
	3. Equipment and Building:	a) Depreciation	23.20	--	6.61	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	3.21	--	0.91	--	
	Capital Costs	55.31	0.00	15.77	0.00	
(D)	Cash Costs	173.69	--	49.51	--	
(E)	Total Production Costs	209.72	--	59.78	--	
	Gross Margin	(30.39)	--	(8.66)	--	
	Return to Unpaid Labour	(53.59)	--	(15.28)	--	
	Return to Investment	(63.21)	--	(18.02)	--	
	Return to Equity	(66.42)	--	(18.93)	--	

Investment

Buildings	73.92	--
Machinery	202.90	--
Irrigation Machinery	0.00	--
Total (incl. Land)	276.83	--

Management

Average Yield	(Tonne/acre)	3.51	--
Expected Market Price	(\$/Tonne)	35.88	--

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: Haylage - All
Soil Zone: All - Dryland
Unit: Tonne

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	219.84	304.00	42.87	45.41
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	0.92	0.75	0.18	0.11
	Gross Receipts	220.76	304.75	43.05	45.52
(B)	Cost Items				
	1. Seed	0.00	0.00	0.00	0.00
	2. Fertilizer	11.06	12.47	2.16	1.86
	3. Chemical	0.00	0.00	0.00	0.00
	4. Hail/Crop Insurance Premium	0.83	2.13	0.16	0.32
	5. Trucking and Marketing	0.73	0.14	0.14	0.02
	6. Fuel	20.00	22.27	3.90	3.33
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	14.82	9.56	2.89	1.43
	9. Repairs - Buildings	1.08	1.67	0.21	0.25
	10. Utilities and Miscellaneous	17.12	24.25	3.34	3.62
	11. Custom Work	0.00	0.00	0.00	0.00
	12. Operating Interest Paid	1.92	2.46	0.37	0.37
	13. Paid Labour	8.79	5.03	1.71	0.75
	14. Unpaid Labour	12.44	16.92	2.43	2.53
	Variable Costs	88.81	96.91	17.32	14.47
(C)	1. Cash/ Share Land Rent	18.76	11.61	3.66	1.73
	2. Taxes, Water Rates, License & Ins.	4.04	5.83	0.79	0.87
	3. Equipment and Building: a) Depreciation	25.16	26.88	4.91	4.02
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	1.83	4.19	0.36	7.25	
	Capital Costs	49.79	48.51	9.71	13.87
(D)	Cash Costs (B+C-B14-C3a)	101.00	101.61	19.69	21.80
(E)	Total Production Costs (B+C)	138.60	145.42	27.03	28.34
	Gross Margin (A-D)	119.76	203.14	23.35	23.72
	Return to Unpaid Labour (A-E+B14)	94.60	176.26	18.45	19.71
	Return to Investment (A-E+C4)	83.99	163.52	16.38	24.43
	Return to Equity (A-E)	82.16	159.34	16.02	17.18

Investment

Buildings	45.31	73.73
Machinery	230.95	234.99
Irrigation Machinery	0.00	0.00
Total (incl. Land)	782.81	1388.15

Management

Average Yield (Tonne/acre)	5.13	6.69
Expected Market Price (\$/Tonne)	42.87	45.41

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: Haylage - Own
Soil Zone: All - Dryland
Unit: Tonne

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	248.54	329.51	40.62	39.98
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	1.83	0.00	0.30	0.00
Gross Receipts		250.37	329.51	40.92	39.98
(B)	Cost Items				
	1. Seed	0.00	0.00	0.00	0.00
	2. Fertilizer	8.30	11.36	1.36	1.38
	3. Chemical	0.00	0.00	0.00	0.00
	4. Hail/Crop Insurance Premium	2.43	2.89	0.40	0.35
	5. Trucking and Marketing	0.15	0.20	0.02	0.02
	6. Fuel	20.13	22.62	3.29	2.74
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	10.30	8.88	1.68	1.08
	9. Repairs - Buildings	1.88	2.42	0.31	0.29
	10. Utilities and Miscellaneous	18.25	22.58	2.98	2.74
	11. Custom Work	0.00	0.00	0.00	0.00
	12. Operating Interest Paid	2.28	3.09	0.37	0.37
	13. Paid Labour	4.37	4.20	0.71	0.51
	14. Unpaid Labour	16.56	19.31	2.71	2.34
Variable Costs		84.64	97.55	13.83	11.84
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	6.46	8.05	1.06	0.98
	3. Equipment and Building: a) Depreciation	27.77	32.53	4.54	3.95
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	4.51	3.47	0.74	5.34
Capital Costs		38.74	44.04	6.33	10.27
(D)	Cash Costs (B+C-B14-C3a)	79.05	89.76	12.92	15.81
(E)	Total Production Costs (B+C)	123.38	141.60	20.16	22.10
	Gross Margin (A-D)	171.32	239.75	28.00	24.16
	Return to Unpaid Labour (A-E+B14)	143.55	207.22	23.46	20.22
	Return to Investment (A-E+C4)	131.50	191.38	21.49	23.22
	Return to Equity (A-E)	126.99	187.91	20.75	17.87

Investment

Buildings	92.40	98.62
Machinery	231.84	276.93
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1806.26	2042.21

Management

Average Yield (Tonne/acre)	6.12	8.24
Expected Market Price (\$/Tonne)	40.62	39.98

2011 Crop Enterprise Analysis

AgriProfit\$

Crop: Haylage - Rent
Soil Zone: All - Dryland
Unit: Tonne

		----- \$/Acre -----		---- \$/Tonne ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	204.93	262.47	44.42	47.22
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	0.45	1.14	0.10	0.21
	Gross Receipts	205.38	263.61	44.51	47.43
(B)	Cost Items				
	1. Seed	0.00	0.00	0.00	0.00
	2. Fertilizer	12.49	13.06	2.71	2.35
	3. Chemical	0.00	0.00	0.00	0.00
	4. Hail/Crop Insurance Premium	0.00	0.00	0.00	0.00
	5. Trucking and Marketing	1.04	1.06	0.22	0.19
	6. Fuel	19.94	19.90	4.32	3.58
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	17.17	16.35	3.72	2.94
	9. Repairs - Buildings	0.66	0.70	0.14	0.13
	10. Utilities and Miscellaneous	16.54	21.07	3.59	3.79
	11. Custom Work	0.00	0.00	0.00	0.00
	12. Operating Interest Paid	1.74	1.54	0.38	0.28
	13. Paid Labour	11.08	11.94	2.40	2.15
	14. Unpaid Labour	10.30	10.55	2.23	1.90
	Variable Costs	90.97	96.18	19.72	17.30
(C)	1. Cash/ Share Land Rent	28.51	27.39	6.18	4.93
	2. Taxes, Water Rates, License & Ins.	2.79	2.69	0.60	0.48
	3. Equipment and Building: a) Depreciation	23.80	23.06	5.16	4.15
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	0.44	0.47	0.10	0.65	
	Capital Costs	55.53	53.62	12.04	19.21
(D)	Cash Costs (B+C-B14-C3a)	112.40	116.18	24.36	30.46
(E)	Total Production Costs (B+C)	146.50	149.79	31.75	36.51
	Gross Margin (A-D)	92.98	147.44	20.15	16.96
	Return to Unpaid Labour (A-E+B14)	69.18	124.37	14.99	12.82
	Return to Investment (A-E+C4)	59.32	114.29	12.86	20.56
	Return to Equity (A-E)	58.88	113.82	12.76	10.92

Investment

Buildings	20.86	22.48
Machinery	230.49	222.32
Irrigation Machinery	0.00	0.00
Total (incl. Land)	251.35	244.80

Management

Average Yield (Tonne/acre)	4.61	5.56
Expected Market Price (\$/Tonne)	44.42	47.22

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