

AgriProfit\$

2012

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

Black Soil Zone

Alberta 
Government



TABLE OF CONTENTS

2012 Black Soil Zone

OVERVIEW.....	1
CROPS	
Spring Wheat	2
CPS Wheat	5
Malt Barley	8
Feed Barley.....	10
Oats	13
Liberty Link Canola	15
Roundup Ready Canola.....	18
Field Peas	21
FORAGES	
Alfalfa/Grass Hay	23
Grain Silage	26
DEFINITIONS AND ALLOCATIONS.....	29

OVERVIEW

2012 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.

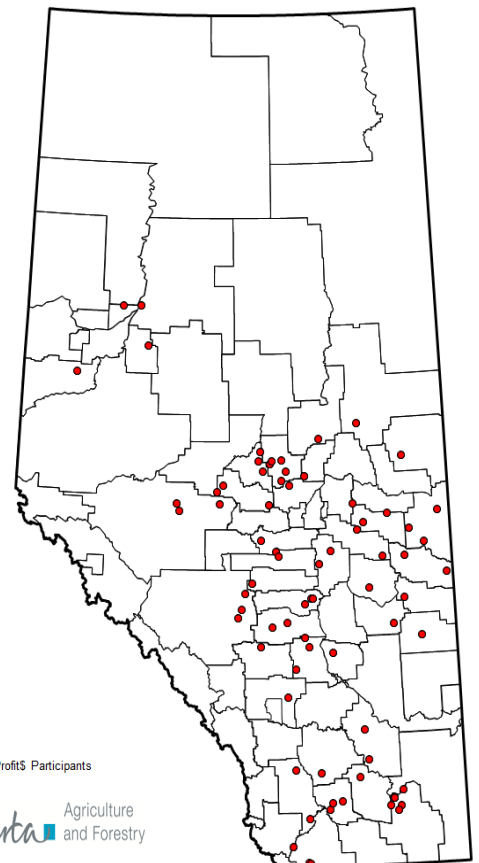
The top map shows the Black Soil Zone in Alberta; this is the grouping method used for this study. Please note that farms highlighted within these zones may contain characteristics of neighbouring soil zones. The map on the bottom shows the distribution of the 2012 participants.

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

Acknowledgements:

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



2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	399.80	411.25	8.06	8.16	
	2. Crop Insurance Receipts	13.82	0.00	0.28	0.00	
	3. Other Receipts	3.90	9.61	0.08	0.19	
	Gross Receipts	417.52	420.86	8.42	8.36	
(B)	Cost Items					
	1. Seed	21.48	21.55	0.43	0.43	
	2. Fertilizer	74.05	51.80	1.49	1.03	
	3. Chemical	30.47	23.65	0.61	0.47	
	4. Hail/Crop Insurance Premium	8.82	8.66	0.18	0.17	
	5. Trucking and Marketing	1.93	0.79	0.04	0.02	
	6. Fuel	18.04	15.42	0.36	0.31	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	16.55	13.97	0.33	0.28	
	9. Repairs - Buildings	2.32	2.39	0.05	0.05	
	10. Utilities and Miscellaneous	8.96	7.41	0.18	0.15	
	11. Custom Work	1.13	0.00	0.02	0.00	
	12. Operating Interest Paid	1.17	0.29	0.02	0.01	
	13. Paid Labour	5.61	4.20	0.11	0.08	
	14. Unpaid Labour	7.64	6.10	0.15	0.12	
	Variable Costs	198.17	156.23	4.00	3.10	
(C)	1. Cash/ Share Land Rent	31.17	0.00	0.63	0.00	
	2. Taxes, Water Rates, License & Ins.	7.69	8.83	0.15	0.18	
	3. Equipment and Building: a) Depreciation	44.56	38.54	0.90	0.77	
	b) Lease Payments	0.00	0.00	0.00	0.00	
4. Paid Capital Interest	8.48	4.53	0.17	1.03		
	Capital Costs	91.90	51.90	1.85	1.97	
(D)	Cash Costs	(B+C-B14-C3a)	237.87	163.48	4.80	4.19
(E)	Total Production Costs	(B+C)	290.07	208.13	5.85	5.07
	Gross Margin	(A-D)	179.65	257.37	3.62	4.17
	Return to Unpaid Labour	(A-E+B14)	135.09	218.83	2.72	3.40
	Return to Investment	(A-E+C4)	135.93	217.26	2.74	4.31
	Return to Equity	(A-E)	127.45	212.73	2.57	3.28

Investment

Buildings	127.74	93.45
Machinery	422.03	387.46
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1933.36	2946.93

Management

Average Yield	(Bushel/acre)	49.60	50.37
Expected Market Price	(\$/Bushel)	8.06	8.16

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	384.55	444.58	8.07	8.18
	2. Crop Insurance Receipts	10.80	0.00	0.23	0.00
	3. Other Receipts	6.55	16.30	0.14	0.30
	Gross Receipts	401.90	460.88	8.44	8.48
(B)	Cost Items				
	1. Seed	22.01	23.99	0.46	0.44
	2. Fertilizer	68.06	57.41	1.43	1.06
	3. Chemical	27.43	24.87	0.58	0.46
	4. Hail/Crop Insurance Premium	8.52	11.41	0.18	0.21
	5. Trucking and Marketing	1.25	0.82	0.03	0.02
	6. Fuel	16.75	16.74	0.35	0.31
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	16.49	14.37	0.35	0.26
	9. Repairs - Buildings	2.65	3.01	0.06	0.06
	10. Utilities and Miscellaneous	9.39	8.39	0.20	0.15
	11. Custom Work	0.26	0.00	0.01	0.00
	12. Operating Interest Paid	0.96	0.34	0.02	0.01
	13. Paid Labour	4.88	1.45	0.10	0.03
	14. Unpaid Labour	6.44	4.98	0.14	0.09
	Variable Costs	185.09	167.77	3.89	3.09
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	10.62	9.53	0.22	0.18
	3. Equipment and Building: a) Depreciation	44.60	42.82	0.94	0.79
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	12.60	7.69	0.26	1.10	
	Capital Costs	67.81	60.04	1.42	2.07
(D)	Cash Costs (B+C-B14-C3a)	201.86	180.01	4.24	4.28
(E)	Total Production Costs (B+C)	252.90	227.81	5.31	5.16
	Gross Margin (A-D)	200.04	280.87	4.20	4.21
	Return to Unpaid Labour (A-E+B14)	155.44	238.05	3.26	3.42
	Return to Investment (A-E+C4)	161.60	240.76	3.39	4.43
	Return to Equity (A-E)	149.00	233.08	3.13	3.33

Investment

Buildings	122.70	110.70
Machinery	425.23	421.68
Irrigation Machinery	0.00	0.00
Total (incl. Land)	3032.28	3089.54

Management

Average Yield (Bushel/acre)	47.64	54.34
Expected Market Price (\$/Bushel)	8.07	8.18

2012 Crop Enterprise Analysis

AgriProfit\$

Crop: *Spring Wheat - Rent*
Soil Zone: *Black - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	418.96	435.56	8.04	8.24
	2. Crop Insurance Receipts	17.61	0.00	0.34	0.00
	3. Other Receipts	0.58	0.00	0.01	0.00
	Gross Receipts	437.15	435.56	8.39	8.24
(B)	Cost Items				
	1. Seed	20.81	18.93	0.40	0.36
	2. Fertilizer	81.57	74.02	1.57	1.40
	3. Chemical	34.30	31.60	0.66	0.60
	4. Hail/Crop Insurance Premium	9.20	11.47	0.18	0.22
	5. Trucking and Marketing	2.77	2.25	0.05	0.04
	6. Fuel	19.67	19.37	0.38	0.37
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	16.61	14.87	0.32	0.28
	9. Repairs - Buildings	1.90	1.82	0.04	0.03
	10. Utilities and Miscellaneous	8.42	6.31	0.16	0.12
	11. Custom Work	2.23	3.32	0.04	0.06
	12. Operating Interest Paid	1.43	0.91	0.03	0.02
	13. Paid Labour	6.54	3.98	0.13	0.08
	14. Unpaid Labour	9.15	6.89	0.18	0.13
	Variable Costs	214.62	195.73	4.12	3.70
(C)	1. Cash/ Share Land Rent	70.35	47.51	1.35	0.90
	2. Taxes, Water Rates, License & Ins.	4.01	3.35	0.08	0.06
	3. Equipment and Building: a) Depreciation	44.51	42.87	0.85	0.81
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	3.31	1.95	0.06	1.81	
	Capital Costs	122.17	95.67	2.35	3.58
(D)	Cash Costs				
	(B+C-B14-C3a)	283.13	241.65	5.44	6.34
(E)	Total Production Costs				
	(B+C)	336.79	291.40	6.47	7.29
	Gross Margin	(A-D)	154.02	193.91	2.96
	Return to Unpaid Labour	(A-E+B14)	109.51	151.04	2.10
	Return to Investment	(A-E+C4)	103.67	146.10	1.99
	Return to Equity	(A-E)	100.36	144.15	1.93

Investment

Buildings	134.08	109.88
Machinery	418.01	422.29
Irrigation Machinery	0.00	0.00
Total (incl. Land)	552.09	532.17

Management

Average Yield	(Bushel/acre)	52.08	52.86
Expected Market Price	(\$/Bushel)	8.04	8.24

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	518.60	590.38	7.65	7.17	
	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	518.60	590.38	7.65	7.17	
(B)	Cost Items					
	1. Seed	25.70	25.85	0.38	0.31	
	2. Fertilizer	87.41	74.34	1.29	0.90	
	3. Chemical	43.87	43.78	0.65	0.53	
	4. Hail/Crop Insurance Premium	8.10	9.76	0.12	0.12	
	5. Trucking and Marketing	2.31	2.41	0.03	0.03	
	6. Fuel	18.22	15.73	0.27	0.19	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	11.38	5.53	0.17	0.07	
	9. Repairs - Buildings	4.91	10.61	0.07	0.13	
	10. Utilities and Miscellaneous	9.25	5.13	0.14	0.06	
	11. Custom Work	12.88	26.63	0.19	0.32	
	12. Operating Interest Paid	1.91	0.00	0.03	0.00	
	13. Paid Labour	8.65	2.05	0.13	0.02	
	14. Unpaid Labour	8.65	9.37	0.13	0.11	
	Variable Costs	243.24	231.20	3.59	2.81	
(C)	1. Cash/ Share Land Rent	40.33	56.38	0.60	0.68	
	2. Taxes, Water Rates, License & Ins.	4.34	3.33	0.06	0.04	
	3. Equipment and Building:	a) Depreciation	45.81	35.37	0.68	0.43
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	3.46	3.26	0.05	1.19	
	Capital Costs	93.95	98.33	1.39	2.35	
(D)	Cash Costs	(B+C-B14-C3a)	282.72	284.80	4.17	4.61
(E)	Total Production Costs	(B+C)	337.18	329.53	4.98	5.16
	Gross Margin	(A-D)	235.88	305.58	3.48	2.56
	Return to Unpaid Labour	(A-E+B14)	190.07	270.21	2.80	2.13
	Return to Investment	(A-E+C4)	184.88	264.10	2.73	3.21
	Return to Equity	(A-E)	181.42	260.85	2.68	2.01

Investment

Buildings	155.71	96.37
Machinery	410.52	340.77
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1584.07	437.14

Management

Average Yield	(Bushel/acre)	67.77	82.33
Expected Market Price	(\$/Bushel)	7.65	7.17

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	472.87	--	8.00	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	472.87	0.00	8.00	0.00	
(B)	Cost Items					
	1. Seed	22.68	--	0.38	--	
	2. Fertilizer	73.63	--	1.25	--	
	3. Chemical	39.20	--	0.66	--	
	4. Hail/Crop Insurance Premium	9.74	--	0.16	--	
	5. Trucking and Marketing	3.06	--	0.05	--	
	6. Fuel	18.24	--	0.31	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	12.07	--	0.20	--	
	9. Repairs - Buildings	2.06	--	0.03	--	
	10. Utilities and Miscellaneous	11.64	--	0.20	--	
	11. Custom Work	12.08	--	0.20	--	
	12. Operating Interest Paid	0.95	--	0.02	--	
	13. Paid Labour	11.41	--	0.19	--	
	14. Unpaid Labour	9.92	--	0.17	--	
	Variable Costs	226.68	0.00	3.83	0.00	
(C)	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	6.54	--	0.11	--	
	3. Equipment and Building:	a) Depreciation	53.90	--	0.91	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	3.57	--	0.06	--	
	Capital Costs	64.02	0.00	1.08	0.00	
(D)	Cash Costs	(B+C-B14-C3a)	226.87	--	3.84	
(E)	Total Production Costs	(B+C)	290.70	--	4.92	
	Gross Margin	(A-D)	246.00	--	4.16	
	Return to Unpaid Labour	(A-E+B14)	192.10	--	3.25	
	Return to Investment	(A-E+C4)	185.75	--	3.14	
	Return to Equity	(A-E)	182.18	--	3.08	

Investment

Buildings	144.50	--
Machinery	489.81	--
Irrigation Machinery	0.00	--
Total (incl. Land)	3952.50	--

Management

Average Yield	(Bushel/acre)	59.11	--
Expected Market Price	(\$/Bushel)	8.00	--

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	538.83	572.56	7.53	6.92	
	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	538.83	572.56	7.53	6.92	
(B)	Cost Items					
	1. Seed	27.04	24.57	0.38	0.30	
	2. Fertilizer	93.50	64.86	1.31	0.78	
	3. Chemical	45.93	43.49	0.64	0.53	
	4. Hail/Crop Insurance Premium	7.38	8.51	0.10	0.10	
	5. Trucking and Marketing	1.97	1.72	0.03	0.02	
	6. Fuel	18.20	13.33	0.25	0.16	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	11.07	3.34	0.15	0.04	
	9. Repairs - Buildings	6.18	12.67	0.09	0.15	
	10. Utilities and Miscellaneous	8.19	4.33	0.11	0.05	
	11. Custom Work	13.24	34.87	0.18	0.42	
	12. Operating Interest Paid	2.33	0.00	0.03	0.00	
	13. Paid Labour	7.43	0.00	0.10	0.00	
	14. Unpaid Labour	8.09	8.63	0.11	0.10	
	Variable Costs	250.56	220.34	3.50	2.66	
(C)	1. Cash/ Share Land Rent	58.18	50.00	0.81	0.60	
	2. Taxes, Water Rates, License & Ins.	3.37	2.61	0.05	0.03	
	3. Equipment and Building: a) Depreciation	42.23	27.21	0.59	0.33	
	b) Lease Payments	0.00	0.00	0.00	0.00	
4. Paid Capital Interest	3.41	3.23	0.05	1.00		
	Capital Costs	107.19	83.05	1.50	1.97	
(D)	Cash Costs	(B+C-B14-C3a)	307.43	267.55	4.29	4.20
(E)	Total Production Costs	(B+C)	357.75	303.38	5.00	4.63
	Gross Margin	(A-D)	231.40	305.01	3.23	2.72
	Return to Unpaid Labour	(A-E+B14)	189.17	277.80	2.64	2.39
	Return to Investment	(A-E+C4)	184.50	272.40	2.58	3.29
	Return to Equity	(A-E)	181.08	269.17	2.53	2.29

Investment

Buildings	160.67	65.30
Machinery	375.43	266.32
Irrigation Machinery	0.00	0.00
Total (incl. Land)	536.10	331.62

Management

Average Yield	(Bushel/acre)	71.60	82.74
Expected Market Price	(\$/Bushel)	7.53	6.92

2012 Crop Enterprise Analysis

AgriProfit\$

Crop: *Malt Barley - All*
Soil Zone: *Black - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	411.67	459.91	5.73	5.78	
	2. Crop Insurance Receipts	18.18	26.42	0.25	0.33	
	3. Other Receipts	0.02	0.04	0.00	0.00	
	Gross Receipts	429.87	486.36	5.98	6.12	
(B)	Cost Items					
	1. Seed	19.42	18.38	0.27	0.23	
	2. Fertilizer	67.12	63.97	0.93	0.80	
	3. Chemical	28.79	24.65	0.40	0.31	
	4. Hail/Crop Insurance Premium	14.51	11.86	0.20	0.15	
	5. Trucking and Marketing	3.30	2.27	0.05	0.03	
	6. Fuel	23.11	22.89	0.32	0.29	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	14.72	14.73	0.20	0.19	
	9. Repairs - Buildings	3.50	4.44	0.05	0.06	
	10. Utilities and Miscellaneous	23.34	27.33	0.32	0.34	
	11. Custom Work	2.59	0.00	0.04	0.00	
	12. Operating Interest Paid	0.64	0.46	0.01	0.01	
	13. Paid Labour	5.01	5.01	0.07	0.06	
	14. Unpaid Labour	9.25	6.96	0.13	0.09	
	Variable Costs	215.30	202.97	3.00	2.55	
(C)	1. Cash/ Share Land Rent	54.69	47.77	0.76	0.60	
	2. Taxes, Water Rates, License & Ins.	6.20	6.56	0.09	0.08	
	3. Equipment and Building:	a) Depreciation	46.58	45.73	0.65	0.57
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	3.89	4.38	0.05	1.31	
	Capital Costs	111.36	104.44	1.55	2.57	
(D)	Cash Costs	270.83	254.72	3.77	4.46	
(E)	Total Production Costs	326.66	307.41	4.55	5.12	
	Gross Margin	159.04	231.64	2.21	1.65	
	Return to Unpaid Labour	112.47	185.91	1.57	1.08	
	Return to Investment	107.10	183.33	1.49	2.31	
	Return to Equity	103.22	178.95	1.44	0.99	

Investment

Buildings	94.29	78.27
Machinery	461.04	461.40
Irrigation Machinery	0.00	0.00
Total (incl. Land)	555.33	539.66

Management

Average Yield	(Bushel/acre)	71.86	79.53
Expected Market Price	(\$/Bushel)	5.73	5.78

2012 Crop Enterprise Analysis

AgriProfit\$

Crop: *Malt Barley - Rent*
Soil Zone: *Black - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	411.67	459.91	5.73	5.78	
	2. Crop Insurance Receipts	18.18	26.42	0.25	0.33	
	3. Other Receipts	0.02	0.04	0.00	0.00	
	Gross Receipts	429.87	486.36	5.98	6.12	
(B)	Cost Items					
	1. Seed	19.42	18.38	0.27	0.23	
	2. Fertilizer	67.12	63.97	0.93	0.80	
	3. Chemical	28.79	24.65	0.40	0.31	
	4. Hail/Crop Insurance Premium	14.51	11.86	0.20	0.15	
	5. Trucking and Marketing	3.30	2.27	0.05	0.03	
	6. Fuel	23.11	22.89	0.32	0.29	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	14.72	14.73	0.20	0.19	
	9. Repairs - Buildings	3.50	4.44	0.05	0.06	
	10. Utilities and Miscellaneous	23.34	27.33	0.32	0.34	
	11. Custom Work	2.59	0.00	0.04	0.00	
	12. Operating Interest Paid	0.64	0.46	0.01	0.01	
	13. Paid Labour	5.01	5.01	0.07	0.06	
	14. Unpaid Labour	9.25	6.96	0.13	0.09	
	Variable Costs	215.30	202.97	3.00	2.55	
(C)	1. Cash/ Share Land Rent	54.69	47.77	0.76	0.60	
	2. Taxes, Water Rates, License & Ins.	6.20	6.56	0.09	0.08	
	3. Equipment and Building:	a) Depreciation	46.58	45.73	0.65	0.57
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	3.89	4.38	0.05	1.31	
	Capital Costs	111.36	104.44	1.55	2.57	
(D)	Cash Costs	270.83	254.72	3.77	4.46	
(E)	Total Production Costs	326.66	307.41	4.55	5.12	
	Gross Margin	159.04	231.64	2.21	1.65	
	Return to Unpaid Labour	112.47	185.91	1.57	1.08	
	Return to Investment	107.10	183.33	1.49	2.31	
	Return to Equity	103.22	178.95	1.44	0.99	

Investment

Buildings	94.29	78.27
Machinery	461.04	461.40
Irrigation Machinery	0.00	0.00
Total (incl. Land)	555.33	539.66

Management

Average Yield	(Bushel/acre)	71.86	79.53
Expected Market Price	(\$/Bushel)	5.73	5.78

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	364.68	400.91	5.19	5.29	
	2. Crop Insurance Receipts	8.91	18.57	0.13	0.25	
	3. Other Receipts	10.26	5.55	0.15	0.07	
	Gross Receipts	383.84	425.03	5.46	5.61	
(B)	Cost Items					
	1. Seed	17.73	15.62	0.25	0.21	
	2. Fertilizer	78.10	58.44	1.11	0.77	
	3. Chemical	34.90	27.31	0.50	0.36	
	4. Hail/Crop Insurance Premium	13.77	10.99	0.20	0.14	
	5. Trucking and Marketing	1.16	1.24	0.02	0.02	
	6. Fuel	16.80	16.00	0.24	0.21	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	14.02	12.13	0.20	0.16	
	9. Repairs - Buildings	3.33	4.19	0.05	0.06	
	10. Utilities and Miscellaneous	9.46	7.29	0.13	0.10	
	11. Custom Work	10.10	3.33	0.14	0.04	
	12. Operating Interest Paid	0.87	0.34	0.01	0.00	
	13. Paid Labour	4.10	2.30	0.06	0.03	
	14. Unpaid Labour	7.85	5.82	0.11	0.08	
	Variable Costs	212.18	164.99	3.02	2.18	
(C)	1. Cash/ Share Land Rent	29.27	18.55	0.42	0.24	
	2. Taxes, Water Rates, License & Ins.	6.67	6.21	0.09	0.08	
	3. Equipment and Building:	a) Depreciation	41.86	39.00	0.60	0.51
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	9.39	4.52	0.13	0.90	
	Capital Costs	87.19	68.29	1.24	1.74	
(D)	Cash Costs	249.66	188.46	3.55	3.33	
(E)	Total Production Costs	299.37	233.28	4.26	3.92	
	Gross Margin	134.18	236.57	1.91	2.28	
	Return to Unpaid Labour	92.32	197.57	1.31	1.77	
	Return to Investment	93.87	196.28	1.34	2.59	
	Return to Equity	84.48	191.75	1.20	1.69	

Investment

Buildings	110.43	97.14
Machinery	388.36	386.45
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1904.91	2159.16

Management

Average Yield	(Bushel/acre)	70.28	75.77
Expected Market Price	(\$/Bushel)	5.19	5.29

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	370.63	416.94	5.23	5.51
	2. Crop Insurance Receipts	0.25	0.00	0.00	0.00
	3. Other Receipts	9.17	2.14	0.13	0.03
	Gross Receipts	380.06	419.08	5.36	5.54
(B)	Cost Items				
	1. Seed	19.61	16.76	0.28	0.22
	2. Fertilizer	70.68	50.57	1.00	0.67
	3. Chemical	34.57	25.26	0.49	0.33
	4. Hail/Crop Insurance Premium	15.69	11.68	0.22	0.15
	5. Trucking and Marketing	0.87	0.10	0.01	0.00
	6. Fuel	16.45	16.06	0.23	0.21
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	12.81	13.72	0.18	0.18
	9. Repairs - Buildings	2.27	3.32	0.03	0.04
	10. Utilities and Miscellaneous	9.78	6.03	0.14	0.08
	11. Custom Work	11.28	0.00	0.16	0.00
	12. Operating Interest Paid	0.90	0.16	0.01	0.00
	13. Paid Labour	3.02	0.67	0.04	0.01
	14. Unpaid Labour	7.27	4.45	0.10	0.06
	Variable Costs	205.21	148.79	2.90	1.97
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	8.69	8.70	0.12	0.11
	3. Equipment and Building: a) Depreciation	40.99	43.40	0.58	0.57
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	15.13	3.76	0.21	0.74
	Capital Costs	64.81	55.86	0.91	1.43
(D)	Cash Costs (B+C-B14-C3a)	221.76	156.81	3.13	2.76
(E)	Total Production Costs (B+C)	270.02	204.65	3.81	3.39
	Gross Margin (A-D)	158.30	262.27	2.23	2.78
	Return to Unpaid Labour (A-E+B14)	117.31	218.88	1.66	2.20
	Return to Investment (A-E+C4)	125.17	218.19	1.77	2.88
	Return to Equity (A-E)	110.04	214.43	1.55	2.14

Investment

Buildings	105.02	88.86
Machinery	390.97	450.30
Irrigation Machinery	0.00	0.00
Total (incl. Land)	3514.59	3103.64

Management

Average Yield (Bushel/acre)	70.87	75.71
Expected Market Price (\$/Bushel)	5.23	5.51

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	359.48	395.04	5.15	5.15	
	2. Crop Insurance Receipts	16.45	42.68	0.24	0.56	
	3. Other Receipts	11.20	6.29	0.16	0.08	
	Gross Receipts	387.14	444.01	5.55	5.79	
(B)	Cost Items					
	1. Seed	16.09	12.81	0.23	0.17	
	2. Fertilizer	84.57	67.36	1.21	0.88	
	3. Chemical	35.19	31.15	0.50	0.41	
	4. Hail/Crop Insurance Premium	12.10	9.85	0.17	0.13	
	5. Trucking and Marketing	1.41	2.13	0.02	0.03	
	6. Fuel	17.10	16.32	0.25	0.21	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	15.07	11.20	0.22	0.15	
	9. Repairs - Buildings	4.25	5.95	0.06	0.08	
	10. Utilities and Miscellaneous	9.18	8.47	0.13	0.11	
	11. Custom Work	9.07	7.65	0.13	0.10	
	12. Operating Interest Paid	0.84	0.42	0.01	0.01	
	13. Paid Labour	5.04	2.12	0.07	0.03	
	14. Unpaid Labour	8.35	7.10	0.12	0.09	
	Variable Costs	218.25	182.53	3.13	2.38	
(C)	1. Cash/ Share Land Rent	54.79	51.67	0.79	0.67	
	2. Taxes, Water Rates, License & Ins.	4.91	3.97	0.07	0.05	
	3. Equipment and Building:	a) Depreciation	42.62	36.30	0.61	0.47
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	4.38	6.97	0.06	1.29	
	Capital Costs	106.70	98.91	1.53	2.49	
(D)	Cash Costs	(B+C-B14-C3a)	273.98	238.03	3.93	4.30
(E)	Total Production Costs	(B+C)	324.96	281.43	4.66	4.87
	Gross Margin	(A-D)	113.16	205.98	1.62	1.49
	Return to Unpaid Labour	(A-E+B14)	70.53	169.68	1.01	1.01
	Return to Investment	(A-E+C4)	66.57	169.54	0.95	2.21
	Return to Equity	(A-E)	62.18	162.58	0.89	0.92

Investment

Buildings	115.15	119.39
Machinery	386.09	329.98
Irrigation Machinery	0.00	0.00
Total (incl. Land)	501.24	449.37

Management

Average Yield	(Bushel/acre)	69.76	76.68
Expected Market Price	(\$/Bushel)	5.15	5.15

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	502.83	--	3.50	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	64.78	--	0.45	--	
	Gross Receipts	567.62	0.00	3.95	0.00	
(B)	Cost Items					
	1. Seed	19.34	--	0.13	--	
	2. Fertilizer	110.53	--	0.77	--	
	3. Chemical	36.57	--	0.25	--	
	4. Hail/Crop Insurance Premium	20.75	--	0.14	--	
	5. Trucking and Marketing	1.32	--	0.01	--	
	6. Fuel	18.10	--	0.13	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	13.42	--	0.09	--	
	9. Repairs - Buildings	1.85	--	0.01	--	
	10. Utilities and Miscellaneous	12.25	--	0.09	--	
	11. Custom Work	87.70	--	0.61	--	
	12. Operating Interest Paid	2.24	--	0.02	--	
	13. Paid Labour	6.77	--	0.05	--	
	14. Unpaid Labour	8.06	--	0.06	--	
Variable Costs	338.89	0.00	2.36	0.00		
(C)	1. Cash/ Share Land Rent	10.85	--	0.08	--	
	2. Taxes, Water Rates, License & Ins.	5.85	--	0.04	--	
	3. Equipment and Building:	a) Depreciation	43.12	--	0.30	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	2.41	--	0.02	--	
Capital Costs	62.24	0.00	0.43	0.00		
(D)	Cash Costs	(B+C-B14-C3a)	349.95	--	2.44	--
(E)	Total Production Costs	(B+C)	401.13	--	2.79	--
	Gross Margin	(A-D)	217.66	--	1.51	--
	Return to Unpaid Labour	(A-E+B14)	174.55	--	1.21	--
	Return to Investment	(A-E+C4)	168.90	--	1.18	--
	Return to Equity	(A-E)	166.49	--	1.16	--

Investment

Buildings	136.30	--
Machinery	379.70	--
Irrigation Machinery	0.00	--
Total (incl. Land)	808.97	--

Management

Average Yield	(Bushel/acre)	143.67	--
Expected Market Price	(\$/Bushel)	3.50	--

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	500.96	--	3.50	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	70.27	--	0.49	--	
	Gross Receipts	571.23	0.00	3.99	0.00	
(B)	Cost Items					
	1. Seed	19.58	--	0.14	--	
	2. Fertilizer	112.39	--	0.79	--	
	3. Chemical	37.96	--	0.27	--	
	4. Hail/Crop Insurance Premium	22.51	--	0.16	--	
	5. Trucking and Marketing	1.27	--	0.01	--	
	6. Fuel	18.44	--	0.13	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	14.04	--	0.10	--	
	9. Repairs - Buildings	1.74	--	0.01	--	
	10. Utilities and Miscellaneous	12.64	--	0.09	--	
	11. Custom Work	94.37	--	0.66	--	
	12. Operating Interest Paid	2.43	--	0.02	--	
	13. Paid Labour	6.08	--	0.04	--	
	14. Unpaid Labour	8.11	--	0.06	--	
Variable Costs	351.57	0.00	2.46	0.00		
(C)	1. Cash/ Share Land Rent	11.77	--	0.08	--	
	2. Taxes, Water Rates, License & Ins.	6.08	--	0.04	--	
	3. Equipment and Building:	a) Depreciation	43.16	--	0.30	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	2.35	--	0.02	--	
Capital Costs	63.35	0.00	0.44	0.00		
(D)	Cash Costs	(B+C-B14-C3a)	363.66	--	2.54	--
(E)	Total Production Costs	(B+C)	414.92	--	2.90	--
	Gross Margin	(A-D)	207.57	--	1.45	--
	Return to Unpaid Labour	(A-E+B14)	164.41	--	1.15	--
	Return to Investment	(A-E+C4)	158.65	--	1.11	--
	Return to Equity	(A-E)	156.31	--	1.09	--

Investment

Buildings	136.94	--
Machinery	379.56	--
Irrigation Machinery	0.00	--
Total (incl. Land)	516.50	--

Management

Average Yield	(Bushel/acre)	143.14	--
Expected Market Price	(\$/Bushel)	3.50	--

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	593.96	687.81	13.50	13.76
	2. Crop Insurance Receipts	19.04	0.00	0.43	0.00
	3. Other Receipts	3.22	0.79	0.07	0.02
	Gross Receipts	616.22	688.60	14.01	13.78
(B)	Cost Items				
	1. Seed	48.62	48.30	1.11	0.97
	2. Fertilizer	100.27	98.09	2.28	1.96
	3. Chemical	27.33	32.07	0.62	0.64
	4. Hail/Crop Insurance Premium	21.73	19.44	0.49	0.39
	5. Trucking and Marketing	1.34	2.03	0.03	0.04
	6. Fuel	17.88	16.98	0.41	0.34
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	13.18	9.97	0.30	0.20
	9. Repairs - Buildings	3.01	3.39	0.07	0.07
	10. Utilities and Miscellaneous	8.75	7.25	0.20	0.15
	11. Custom Work	3.23	2.06	0.07	0.04
	12. Operating Interest Paid	1.33	0.06	0.03	0.00
	13. Paid Labour	6.96	9.23	0.16	0.18
	14. Unpaid Labour	6.84	7.58	0.16	0.15
	Variable Costs	260.48	256.46	5.92	5.13
(C)	1. Cash/ Share Land Rent	39.76	27.92	0.90	0.56
	2. Taxes, Water Rates, License & Ins.	5.75	4.89	0.13	0.10
	3. Equipment and Building: a) Depreciation	45.04	47.52	1.02	0.95
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	8.41	2.84	0.19	1.66	
	Capital Costs	98.95	83.17	2.25	3.27
(D)	Cash Costs (B+C-B14-C3a)	307.55	284.52	6.99	7.30
(E)	Total Production Costs (B+C)	359.43	339.63	8.17	8.40
	Gross Margin (A-D)	308.67	404.07	7.02	6.48
	Return to Unpaid Labour (A-E+B14)	263.63	356.55	5.99	5.53
	Return to Investment (A-E+C4)	265.20	351.80	6.03	7.04
	Return to Equity (A-E)	256.79	348.96	5.84	5.37

Investment

Buildings	148.25	135.32
Machinery	402.85	448.67
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1692.22	1911.21

Management

Average Yield (Bushel/acre)	43.98	49.99
Expected Market Price (\$/Bushel)	13.50	13.76

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	521.06	631.55	13.71	13.85	
	2. Crop Insurance Receipts	40.58	0.00	1.07	0.00	
	3. Other Receipts	5.77	1.76	0.15	0.04	
	Gross Receipts	567.41	633.31	14.93	13.89	
(B)	Cost Items					
	1. Seed	48.47	47.53	1.27	1.04	
	2. Fertilizer	90.23	83.28	2.37	1.83	
	3. Chemical	25.93	30.06	0.68	0.66	
	4. Hail/Crop Insurance Premium	23.81	21.31	0.63	0.47	
	5. Trucking and Marketing	0.92	0.72	0.02	0.02	
	6. Fuel	17.09	15.50	0.45	0.34	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	13.85	11.23	0.36	0.25	
	9. Repairs - Buildings	2.53	3.27	0.07	0.07	
	10. Utilities and Miscellaneous	9.45	6.81	0.25	0.15	
	11. Custom Work	2.64	3.02	0.07	0.07	
	12. Operating Interest Paid	1.30	0.14	0.03	0.00	
	13. Paid Labour	4.26	5.55	0.11	0.12	
	14. Unpaid Labour	5.34	5.42	0.14	0.12	
	Variable Costs	245.81	233.85	6.47	5.13	
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00	
	2. Taxes, Water Rates, License & Ins.	9.52	6.96	0.25	0.15	
	3. Equipment and Building:	a) Depreciation	43.21	43.31	1.14	0.95
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	15.84	4.17	0.42	1.19	
	Capital Costs	68.57	54.44	1.80	2.30	
(D)	Cash Costs	265.84	239.56	6.99	6.35	
(E)	Total Production Costs	314.38	288.29	8.27	7.42	
	Gross Margin	301.57	393.75	7.93	7.53	
	Return to Unpaid Labour	258.36	350.44	6.80	6.58	
	Return to Investment	268.87	349.19	7.07	7.66	
	Return to Equity	253.02	345.02	6.66	6.46	

Investment

Buildings	143.00	106.82
Machinery	392.21	424.55
Irrigation Machinery	0.00	0.00
Total (incl. Land)	3447.78	3503.98

Management

Average Yield	(Bushel/acre)	38.02	45.61
Expected Market Price	(\$/Bushel)	13.71	13.85

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	640.92	726.93	13.40	13.68	
	2. Crop Insurance Receipts	5.16	0.00	0.11	0.00	
	3. Other Receipts	1.58	0.00	0.03	0.00	
	Gross Receipts	647.67	726.93	13.54	13.68	
(B)	Cost Items					
	1. Seed	48.72	48.72	1.02	0.92	
	2. Fertilizer	106.74	111.95	2.23	2.11	
	3. Chemical	28.22	32.30	0.59	0.61	
	4. Hail/Crop Insurance Premium	20.40	18.10	0.43	0.34	
	5. Trucking and Marketing	1.61	2.96	0.03	0.06	
	6. Fuel	18.40	17.74	0.38	0.33	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	12.75	8.65	0.27	0.16	
	9. Repairs - Buildings	3.32	3.45	0.07	0.06	
	10. Utilities and Miscellaneous	8.29	7.60	0.17	0.14	
	11. Custom Work	3.61	1.15	0.08	0.02	
	12. Operating Interest Paid	1.35	0.00	0.03	0.00	
	13. Paid Labour	8.70	12.48	0.18	0.23	
	14. Unpaid Labour	7.81	9.13	0.16	0.17	
	Variable Costs	269.93	274.23	5.64	5.16	
(C)	1. Cash/ Share Land Rent	65.37	49.10	1.37	0.92	
	2. Taxes, Water Rates, License & Ins.	3.31	3.02	0.07	0.06	
	3. Equipment and Building: a) Depreciation	46.22	50.03	0.97	0.94	
	b) Lease Payments	0.00	0.00	0.00	0.00	
4. Paid Capital Interest	3.63	1.64	0.08	1.95		
	Capital Costs	118.53	103.78	2.48	3.88	
(D)	Cash Costs	(B+C-B14-C3a)	334.42	318.85	6.99	7.92
(E)	Total Production Costs	(B+C)	388.45	378.01	8.12	9.04
	Gross Margin	(A-D)	313.25	408.07	6.55	5.76
	Return to Unpaid Labour	(A-E+B14)	267.03	358.04	5.58	4.82
	Return to Investment	(A-E+C4)	262.84	350.55	5.50	6.60
	Return to Equity	(A-E)	259.21	348.91	5.42	4.64

Investment

Buildings	151.63	155.13
Machinery	409.70	458.79
Irrigation Machinery	0.00	0.00
Total (incl. Land)	561.34	613.92

Management

Average Yield	(Bushel/acre)	47.83	53.14
Expected Market Price	(\$/Bushel)	13.40	13.68

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	532.69	642.35	13.48	13.50
	2. Crop Insurance Receipts	10.98	19.25	0.28	0.40
	3. Other Receipts	0.18	0.04	0.00	0.00
Gross Receipts		543.84	661.64	13.76	13.91
(B)	Cost Items				
	1. Seed	44.64	45.91	1.13	0.97
	2. Fertilizer	90.70	83.69	2.30	1.76
	3. Chemical	17.79	19.19	0.45	0.40
	4. Hail/Crop Insurance Premium	16.45	19.85	0.42	0.42
	5. Trucking and Marketing	1.75	0.36	0.04	0.01
	6. Fuel	17.40	18.46	0.44	0.39
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	16.08	12.70	0.41	0.27
	9. Repairs - Buildings	2.53	3.64	0.06	0.08
	10. Utilities and Miscellaneous	17.80	26.38	0.45	0.55
	11. Custom Work	2.09	1.77	0.05	0.04
	12. Operating Interest Paid	0.74	0.40	0.02	0.01
	13. Paid Labour	8.06	9.47	0.20	0.20
	14. Unpaid Labour	9.42	7.57	0.24	0.16
Variable Costs		245.46	249.38	6.21	5.24
(C)	1. Cash/ Share Land Rent	37.48	46.66	0.95	0.98
	2. Taxes, Water Rates, License & Ins.	9.20	11.12	0.23	0.23
	3. Equipment and Building: a) Depreciation	40.37	37.43	1.02	0.79
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	6.54	6.75	0.17	2.14
Capital Costs		93.59	101.97	2.37	4.14
(D)	Cash Costs (B+C-B14-C3a)	289.26	306.35	7.32	8.44
(E)	Total Production Costs (B+C)	339.05	351.35	8.58	9.39
	Gross Margin (A-D)	254.58	355.28	6.44	5.47
	Return to Unpaid Labour (A-E+B14)	214.21	317.85	5.42	4.68
	Return to Investment (A-E+C4)	211.34	317.04	5.35	6.66
	Return to Equity (A-E)	204.79	310.29	5.18	4.52

Investment

Buildings	79.89	48.80
Machinery	393.91	384.32
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1384.89	1331.05

Management

Average Yield (Bushel/acre)	39.51	47.58
Expected Market Price (\$/Bushel)	13.48	13.50

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	469.35	615.66	13.62	13.66	
	2. Crop Insurance Receipts	4.99	15.73	0.14	0.35	
	3. Other Receipts	0.36	0.02	0.01	0.00	
	Gross Receipts	474.70	631.41	13.78	14.01	
(B)	Cost Items					
	1. Seed	46.83	44.04	1.36	0.98	
	2. Fertilizer	91.11	81.76	2.64	1.81	
	3. Chemical	14.70	22.43	0.43	0.50	
	4. Hail/Crop Insurance Premium	12.56	18.61	0.36	0.41	
	5. Trucking and Marketing	1.91	0.98	0.06	0.02	
	6. Fuel	14.40	16.46	0.42	0.37	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	17.43	12.20	0.51	0.27	
	9. Repairs - Buildings	2.38	2.46	0.07	0.05	
	10. Utilities and Miscellaneous	13.78	17.49	0.40	0.39	
	11. Custom Work	1.70	1.76	0.05	0.04	
	12. Operating Interest Paid	0.71	0.31	0.02	0.01	
	13. Paid Labour	7.67	9.90	0.22	0.22	
	14. Unpaid Labour	9.17	9.21	0.27	0.20	
	Variable Costs	234.34	237.62	6.80	5.27	
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00	
	2. Taxes, Water Rates, License & Ins.	11.44	13.30	0.33	0.30	
	3. Equipment and Building:	a) Depreciation	37.59	34.68	1.09	0.77
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	10.34	11.89	0.30	1.33	
	Capital Costs	59.38	59.87	1.72	2.39	
(D)	Cash Costs	246.96	253.59	7.17	6.69	
(E)	Total Production Costs	293.72	297.49	8.52	7.66	
	Gross Margin	227.73	377.82	6.61	7.32	
	Return to Unpaid Labour	190.14	343.14	5.52	6.55	
	Return to Investment	191.32	345.81	5.55	7.67	
	Return to Equity	180.98	333.92	5.25	6.34	

Investment

Buildings	82.58	60.43
Machinery	363.94	354.74
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2418.11	2929.64

Management

Average Yield	(Bushel/acre)	34.46	45.08
Expected Market Price	(\$/Bushel)	13.62	13.66

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	587.10	660.80	13.39	13.42
	2. Crop Insurance Receipts	16.12	21.59	0.37	0.44
	3. Other Receipts	0.02	0.05	0.00	0.00
	Gross Receipts	603.24	682.44	13.75	13.86
(B)	Cost Items				
	1. Seed	42.76	47.06	0.97	0.96
	2. Fertilizer	90.35	85.16	2.06	1.73
	3. Chemical	20.44	17.32	0.47	0.35
	4. Hail/Crop Insurance Premium	19.79	20.99	0.45	0.43
	5. Trucking and Marketing	1.61	0.00	0.04	0.00
	6. Fuel	19.98	19.68	0.46	0.40
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	14.91	12.96	0.34	0.26
	9. Repairs - Buildings	2.66	4.36	0.06	0.09
	10. Utilities and Miscellaneous	21.24	31.59	0.48	0.64
	11. Custom Work	2.44	1.82	0.06	0.04
	12. Operating Interest Paid	0.77	0.44	0.02	0.01
	13. Paid Labour	8.40	9.11	0.19	0.18
	14. Unpaid Labour	9.64	6.62	0.22	0.13
	Variable Costs	255.00	257.11	5.81	5.22
(C)	1. Cash/ Share Land Rent	69.68	72.80	1.59	1.48
	2. Taxes, Water Rates, License & Ins.	7.27	10.03	0.17	0.20
	3. Equipment and Building: a) Depreciation	42.75	39.22	0.97	0.80
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	3.28	4.16	0.07	2.56	
	Capital Costs	122.99	126.21	2.80	5.04
(D)	Cash Costs (B+C-B14-C3a)	325.60	337.47	7.42	9.33
(E)	Total Production Costs (B+C)	377.99	383.31	8.62	10.26
	Gross Margin (A-D)	277.65	344.96	6.33	4.53
	Return to Unpaid Labour (A-E+B14)	234.89	305.75	5.36	3.73
	Return to Investment (A-E+C4)	228.53	303.29	5.21	6.16
	Return to Equity (A-E)	225.25	299.12	5.14	3.60

Investment

Buildings	77.58	41.93
Machinery	419.66	403.76
Irrigation Machinery	0.00	0.00
Total (incl. Land)	497.24	445.69

Management

Average Yield (Bushel/acre)	43.86	49.23
Expected Market Price (\$/Bushel)	13.39	13.42

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	528.01	--	9.94	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	528.01	0.00	9.94	0.00	
(B)	Cost Items					
	1. Seed	35.01	--	0.66	--	
	2. Fertilizer	20.81	--	0.39	--	
	3. Chemical	65.72	--	1.24	--	
	4. Hail/Crop Insurance Premium	20.19	--	0.38	--	
	5. Trucking and Marketing	0.00	--	0.00	--	
	6. Fuel	19.26	--	0.36	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	11.88	--	0.22	--	
	9. Repairs - Buildings	0.98	--	0.02	--	
	10. Utilities and Miscellaneous	5.29	--	0.10	--	
	11. Custom Work	14.44	--	0.27	--	
	12. Operating Interest Paid	0.63	--	0.01	--	
	13. Paid Labour	13.50	--	0.25	--	
	14. Unpaid Labour	16.49	--	0.31	--	
Variable Costs	224.20	0.00	4.22	0.00		
(C)	1. Cash/ Share Land Rent	45.95	--	0.87	--	
	2. Taxes, Water Rates, License & Ins.	11.57	--	0.22	--	
	3. Equipment and Building:	a) Depreciation	38.25	--	0.72	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	3.37	--	0.06	--	
Capital Costs	99.13	0.00	1.87	0.00		
(D)	Cash Costs	268.60	--	5.06	--	
(E)	Total Production Costs	323.33	--	6.09	--	
	Gross Margin	259.41	--	4.88	--	
	Return to Unpaid Labour	221.17	--	4.16	--	
	Return to Investment	208.05	--	3.92	--	
	Return to Equity	204.68	--	3.85	--	

Investment

Buildings	79.65	--
Machinery	351.69	--
Irrigation Machinery	0.00	--
Total (incl. Land)	806.86	--

Management

Average Yield	(Bushel/acre)	53.12	--
Expected Market Price	(\$/Bushel)	9.94	--

2012 Crop Enterprise Analysis

AgriProfit\$

Crop: *Field Peas - Rent*
Soil Zone: *Black - Dryland*
Unit: *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	512.28	--	9.77	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	512.28	0.00	9.77	0.00	
(B)	Cost Items					
	1. Seed	34.44	--	0.66	--	
	2. Fertilizer	18.43	--	0.35	--	
	3. Chemical	65.64	--	1.25	--	
	4. Hail/Crop Insurance Premium	20.40	--	0.39	--	
	5. Trucking and Marketing	0.00	--	0.00	--	
	6. Fuel	20.21	--	0.39	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	13.25	--	0.25	--	
	9. Repairs - Buildings	1.03	--	0.02	--	
	10. Utilities and Miscellaneous	5.00	--	0.10	--	
	11. Custom Work	14.51	--	0.28	--	
	12. Operating Interest Paid	0.73	--	0.01	--	
	13. Paid Labour	11.96	--	0.23	--	
	14. Unpaid Labour	16.11	--	0.31	--	
Variable Costs	221.71	0.00	4.23	0.00		
(C)	1. Cash/ Share Land Rent	52.52	--	1.00	--	
	2. Taxes, Water Rates, License & Ins.	9.69	--	0.18	--	
	3. Equipment and Building:	a) Depreciation	39.69	--	0.76	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	2.13	--	0.04	--	
Capital Costs	104.04	0.00	1.98	0.00		
(D)	Cash Costs	269.95	--	5.15	--	
(E)	Total Production Costs	325.75	--	6.21	--	
	Gross Margin	242.33	--	4.62	--	
	Return to Unpaid Labour	202.64	--	3.87	--	
	Return to Investment	188.66	--	3.60	--	
	Return to Equity	186.53	--	3.56	--	

Investment

Buildings	77.32	--
Machinery	365.49	--
Irrigation Machinery	0.00	--
Total (incl. Land)	442.82	--

Management

Average Yield	(Bushel/acre)	52.42	--
Expected Market Price	(\$/Bushel)	9.77	--

2012 Crop Enterprise Analysis

AgriProfit\$

Crop: *Alfalfa Hay - All*
Soil Zone: *Black - Dryland*
Unit: *Tonne*

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	149.11	203.60	87.35	86.81
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	10.09	29.13	5.91	12.42
	Gross Receipts	159.20	232.73	93.27	99.24
(B)	Cost Items				
	1. Seed	0.00	0.00	0.00	0.00
	2. Fertilizer	6.12	13.33	3.59	5.69
	3. Chemical	0.00	0.00	0.00	0.00
	4. Hail/Crop Insurance Premium	1.58	0.00	0.93	0.00
	5. Trucking and Marketing	0.04	0.00	0.02	0.00
	6. Fuel	15.17	13.54	8.89	5.77
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	9.16	6.20	5.37	2.65
	9. Repairs - Buildings	0.97	1.05	0.57	0.45
	10. Utilities and Miscellaneous	9.42	9.05	5.52	3.86
	11. Custom Work	3.84	2.69	2.25	1.15
	12. Operating Interest Paid	0.39	0.05	0.23	0.02
	13. Paid Labour	11.14	17.71	6.53	7.55
	14. Unpaid Labour	5.88	4.91	3.44	2.09
	Variable Costs	63.73	68.54	37.33	29.22
(C)	1. Cash/ Share Land Rent	21.23	14.48	12.44	6.17
	2. Taxes, Water Rates, License & Ins.	7.08	10.41	4.15	4.44
	3. Equipment and Building: a) Depreciation	21.12	14.38	12.37	6.13
	b) Lease Payments	0.17	0.00	0.10	0.00
	4. Paid Capital Interest	4.82	2.16	2.82	17.67
	Capital Costs	54.42	41.43	31.88	34.41
(D)	Cash Costs (B+C-B14-C3a)	91.15	90.69	53.40	55.41
(E)	Total Production Costs (B+C)	118.15	109.97	69.21	63.64
	Gross Margin (A-D)	68.06	142.04	39.87	43.82
	Return to Unpaid Labour (A-E+B14)	46.93	127.67	27.49	37.69
	Return to Investment (A-E+C4)	45.87	124.92	26.87	53.27
	Return to Equity (A-E)	41.06	122.76	24.05	35.60

Investment

Buildings	60.14	42.90
Machinery	182.69	121.50
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1486.58	1698.44

Management

Average Yield (Tonne/acre)	1.71	2.35
Expected Market Price (\$/Tonne)	87.35	86.81

2012 Crop Enterprise Analysis

AgriProfit\$

Crop: *Alfalfa Hay - Own*
Soil Zone: *Black - Dryland*
Unit: *Tonne*

		----- \$/Acre -----		----- \$/Tonne -----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	148.38	182.63	88.65	90.70	
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00	
	3. Other Receipts	15.94	36.42	9.52	18.09	
	Gross Receipts	164.32	219.05	98.17	108.78	
(B)	Cost Items					
	1. Seed	0.00	0.00	0.00	0.00	
	2. Fertilizer	6.24	7.52	3.73	3.73	
	3. Chemical	0.00	0.00	0.00	0.00	
	4. Hail/Crop Insurance Premium	1.46	0.00	0.87	0.00	
	5. Trucking and Marketing	0.06	0.00	0.04	0.00	
	6. Fuel	15.27	14.09	9.12	7.00	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	9.59	6.73	5.73	3.34	
	9. Repairs - Buildings	0.97	0.76	0.58	0.38	
	10. Utilities and Miscellaneous	7.92	7.27	4.73	3.61	
	11. Custom Work	1.85	0.14	1.11	0.07	
	12. Operating Interest Paid	0.45	0.03	0.27	0.02	
	13. Paid Labour	14.98	22.93	8.95	11.39	
	14. Unpaid Labour	5.34	3.74	3.19	1.86	
	Variable Costs	64.13	63.21	38.31	31.39	
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00	
	2. Taxes, Water Rates, License & Ins.	9.80	11.85	5.86	5.89	
	3. Equipment and Building:	a) Depreciation	21.08	14.59	12.59	7.24
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	6.83	2.80	4.08	14.52	
	Capital Costs	37.71	29.24	22.53	27.65	
(D)	Cash Costs	75.42	74.12	45.06	49.94	
(E)	Total Production Costs	101.84	92.45	60.84	59.04	
	Gross Margin	88.90	144.93	53.11	58.84	
	Return to Unpaid Labour	67.82	130.35	40.52	51.60	
	Return to Investment	69.31	129.41	41.41	64.26	
	Return to Equity	62.48	126.61	37.33	49.74	

Investment

Buildings	60.29	47.71
Machinery	182.99	121.96
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2228.07	1912.13

Management

Average Yield	(Tonne/acre)	1.67	2.01
Expected Market Price	(\$/Tonne)	88.65	90.70

2012 Crop Enterprise Analysis

AgriProfit\$

Crop: *Alfalfa Hay - Rent*
Soil Zone: *Black - Dryland*
Unit: *Tonne*

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	150.34	303.19	85.29	83.65
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	0.29	0.00	0.16	0.00
Gross Receipts		150.62	303.19	85.45	83.65
(B)	Cost Items				
	1. Seed	0.00	0.00	0.00	0.00
	2. Fertilizer	5.92	37.50	3.36	10.35
	3. Chemical	0.00	0.00	0.00	0.00
	4. Hail/Crop Insurance Premium	1.78	0.00	1.01	0.00
	5. Trucking and Marketing	0.00	0.00	0.00	0.00
	6. Fuel	15.01	12.97	8.52	3.58
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	8.45	5.52	4.79	1.52
	9. Repairs - Buildings	0.97	1.10	0.55	0.30
	10. Utilities and Miscellaneous	11.95	16.29	6.78	4.49
	11. Custom Work	7.17	18.04	4.07	4.98
	12. Operating Interest Paid	0.30	0.12	0.17	0.03
	13. Paid Labour	4.71	0.10	2.67	0.03
	14. Unpaid Labour	6.78	8.09	3.85	2.23
Variable Costs		63.05	99.73	35.77	27.51
(C)	1. Cash/ Share Land Rent	56.87	82.37	32.26	22.72
	2. Taxes, Water Rates, License & Ins.	2.50	2.44	1.42	0.67
	3. Equipment and Building: a) Depreciation	21.20	15.07	12.03	4.16
	b) Lease Payments	0.46	0.88	0.26	0.24
	4. Paid Capital Interest	1.45	0.00	0.82	27.80
Capital Costs		82.48	100.77	46.79	55.60
(D)	Cash Costs (B+C-B14-C3a)	117.54	177.33	66.69	76.72
(E)	Total Production Costs (B+C)	145.52	200.50	82.56	83.12
	Gross Margin (A-D)	33.08	125.86	18.77	6.92
	Return to Unpaid Labour (A-E+B14)	11.88	110.78	6.74	2.76
	Return to Investment (A-E+C4)	6.54	102.69	3.71	28.33
	Return to Equity (A-E)	5.10	102.69	2.89	0.53

Investment

Buildings	59.89	53.36
Machinery	182.18	120.57
Irrigation Machinery	0.00	0.00
Total (incl. Land)	242.07	173.93

Management

Average Yield (Tonne/acre)	1.76	3.62
Expected Market Price (\$/Tonne)	85.29	83.65

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	344.39	412.46	50.32	70.33
	2. Crop Insurance Receipts	56.10	139.76	8.20	23.83
	3. Other Receipts	1.17	0.00	0.17	0.00
	Gross Receipts	401.66	552.22	58.68	94.16
(B)	Cost Items				
	1. Seed	15.94	19.91	2.33	3.39
	2. Fertilizer	74.14	87.30	10.83	14.89
	3. Chemical	16.39	27.52	2.39	4.69
	4. Hail/Crop Insurance Premium	4.99	7.58	0.73	1.29
	5. Trucking and Marketing	0.00	0.00	0.00	0.00
	6. Fuel	31.37	22.00	4.58	3.75
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	6.30	4.43	0.92	0.75
	9. Repairs - Buildings	2.17	3.84	0.32	0.65
	10. Utilities and Miscellaneous	9.38	6.44	1.37	1.10
	11. Custom Work	30.95	47.93	4.52	8.17
	12. Operating Interest Paid	0.12	0.00	0.02	0.00
	13. Paid Labour	2.55	0.00	0.37	0.00
	14. Unpaid Labour	10.24	9.86	1.50	1.68
	Variable Costs	204.54	236.80	29.88	40.38
(C)	1. Cash/ Share Land Rent	25.66	35.94	3.75	6.13
	2. Taxes, Water Rates, License & Ins.	3.74	5.38	0.55	0.92
	3. Equipment and Building: a) Depreciation	14.01	7.14	2.05	1.22
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	1.86	0.00	0.27	8.26	
	Capital Costs	45.27	48.45	6.61	16.52
(D)	Cash Costs (B+C-B14-C3a)	225.57	268.25	32.95	54.00
(E)	Total Production Costs (B+C)	249.81	285.26	36.50	56.90
	Gross Margin (A-D)	176.10	283.97	25.73	40.16
	Return to Unpaid Labour (A-E+B14)	162.09	276.83	23.68	38.94
	Return to Investment (A-E+C4)	153.71	266.96	22.46	45.52
	Return to Equity (A-E)	151.85	266.96	22.18	37.26

Investment

Buildings	27.26	12.67
Machinery	131.34	71.66
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1193.47	1005.12

Management

Average Yield (Tonne/acre)	6.84	5.86
Expected Market Price (\$/Tonne)	50.32	70.33

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		----- \$/Tonne -----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	297.57	--	36.91	--	
	2. Crop Insurance Receipts	14.57	--	1.81	--	
	3. Other Receipts	2.30	--	0.29	--	
	Gross Receipts	314.44	0.00	39.00	0.00	
(B)	Cost Items					
	1. Seed	11.22	--	1.39	--	
	2. Fertilizer	66.51	--	8.25	--	
	3. Chemical	14.24	--	1.77	--	
	4. Hail/Crop Insurance Premium	2.09	--	0.26	--	
	5. Trucking and Marketing	0.00	--	0.00	--	
	6. Fuel	40.44	--	5.02	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	8.11	--	1.01	--	
	9. Repairs - Buildings	0.55	--	0.07	--	
	10. Utilities and Miscellaneous	12.34	--	1.53	--	
	11. Custom Work	14.54	--	1.80	--	
	12. Operating Interest Paid	0.24	--	0.03	--	
	13. Paid Labour	5.01	--	0.62	--	
	14. Unpaid Labour	10.61	--	1.32	--	
Variable Costs	185.88	0.00	23.06	0.00		
(C)	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	5.80	--	0.72	--	
	3. Equipment and Building:	a) Depreciation	20.64	--	2.56	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	3.67	--	0.45	--	
Capital Costs	30.11	0.00	3.73	0.00		
(D)	Cash Costs (B+C-B14-C3a)	184.74	--	22.92	--	
(E)	Total Production Costs (B+C)	215.99	--	26.79	--	
	Gross Margin (A-D)	129.70	--	16.09	--	
	Return to Unpaid Labour (A-E+B14)	109.05	--	13.53	--	
	Return to Investment (A-E+C4)	102.11	--	12.67	--	
	Return to Equity (A-E)	98.45	--	12.21	--	

Investment

Buildings	41.38	--
Machinery	189.03	--
Irrigation Machinery	0.00	--
Total (incl. Land)	2265.81	--

Management

Average Yield (Tonne/acre)	8.06	--
Expected Market Price (\$/Tonne)	36.91	--

2012 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		----- \$/Tonne -----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	392.82	--	70.33	--	
	2. Crop Insurance Receipts	99.06	--	17.73	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	491.88	0.00	88.06	0.00	
(B)	Cost Items					
	1. Seed	20.82	--	3.73	--	
	2. Fertilizer	82.03	--	14.69	--	
	3. Chemical	18.62	--	3.33	--	
	4. Hail/Crop Insurance Premium	8.00	--	1.43	--	
	5. Trucking and Marketing	0.00	--	0.00	--	
	6. Fuel	22.00	--	3.94	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	4.43	--	0.79	--	
	9. Repairs - Buildings	3.84	--	0.69	--	
	10. Utilities and Miscellaneous	6.32	--	1.13	--	
	11. Custom Work	47.93	--	8.58	--	
	12. Operating Interest Paid	0.00	--	0.00	--	
	13. Paid Labour	0.00	--	0.00	--	
	14. Unpaid Labour	9.86	--	1.77	--	
Variable Costs	223.84	0.00	40.07	0.00		
(C)	1. Cash/ Share Land Rent	52.20	--	9.35	--	
	2. Taxes, Water Rates, License & Ins.	1.61	--	0.29	--	
	3. Equipment and Building:	a) Depreciation	7.14	--	1.28	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	0.00	--	0.00	--	
Capital Costs	60.96	0.00	10.91	0.00		
(D)	Cash Costs	267.79	--	47.94	--	
(E)	Total Production Costs	284.80	--	50.99	--	
	Gross Margin	224.09	--	40.12	--	
	Return to Unpaid Labour	216.95	--	38.84	--	
	Return to Investment	207.08	--	37.07	--	
	Return to Equity	207.08	--	37.07	--	

Investment

Buildings	12.67	--
Machinery	71.66	--
Irrigation Machinery	0.00	--
Total (incl. Land)	84.33	--

Management

Average Yield	(Tonne/acre)	5.59	--
Expected Market Price	(\$/Tonne)	70.33	--

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