

AgriProfit\$

2013

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

Black Soil Zone

Alberta 
Government



TABLE OF CONTENTS

2013 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
Greenfeed	26
Grain Silage	28
DEFINITIONS AND ALLOCATIONS.....	31

OVERVIEW

2013 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.

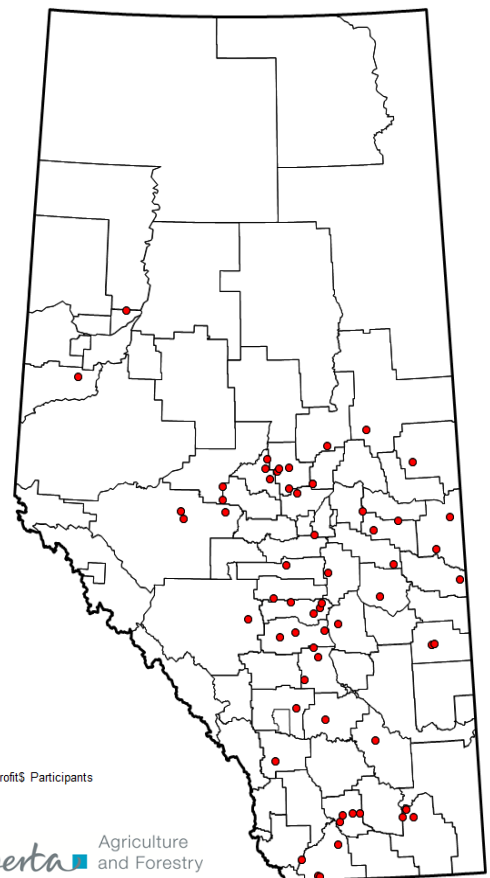
The top map shows the Black Soil Zone in Alberta; this is the grouping method used for this study. Please note that farms highlighted within these zones may contain characteristics of neighbouring soil zones. The map on the bottom shows the distribution of the 2013 participants.

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



2013 AgriProfit\$ Participants

2013 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	386.78	455.16	6.07	6.10	
	2. Crop Insurance Receipts	11.98	0.00	0.19	0.00	
	3. Other Receipts	2.95	3.59	0.05	0.05	
	Gross Receipts	401.71	458.75	6.30	6.14	
(B)	Cost Items					
	1. Seed	24.13	19.33	0.38	0.26	
	2. Fertilizer	77.13	52.49	1.21	0.70	
	3. Chemical	38.17	30.14	0.60	0.40	
	4. Hail/Crop Insurance Premium	7.74	10.83	0.12	0.15	
	5. Trucking and Marketing	0.62	0.06	0.01	0.00	
	6. Fuel	18.95	17.56	0.30	0.24	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	14.05	6.95	0.22	0.09	
	9. Repairs - Buildings	5.72	13.01	0.09	0.17	
	10. Utilities and Miscellaneous	9.52	4.26	0.15	0.06	
	11. Custom Work	4.18	1.06	0.07	0.01	
	12. Operating Interest Paid	0.96	0.04	0.02	0.00	
	13. Paid Labour	7.27	0.12	0.11	0.00	
	14. Unpaid Labour	10.14	9.79	0.16	0.13	
	Variable Costs	218.57	165.63	3.43	2.22	
(C)	1. Cash/ Share Land Rent	29.85	5.00	0.47	0.07	
	2. Taxes, Water Rates, License & Ins.	7.69	3.97	0.12	0.05	
	3. Equipment and Building:	a) Depreciation	43.91	41.73	0.69	0.56
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	7.67	0.00	0.12	0.68	
	Capital Costs	89.12	50.69	1.40	1.36	
(D)	Cash Costs	253.64	164.81	3.98	2.89	
(E)	Total Production Costs	307.69	216.33	4.83	3.58	
	Gross Margin	148.08	293.94	2.32	3.26	
	Return to Unpaid Labour	104.17	252.21	1.63	2.70	
	Return to Investment	101.69	242.42	1.60	3.25	
	Return to Equity	94.02	242.42	1.48	2.57	

Investment

Buildings	123.99	61.67
Machinery	413.70	461.96
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2361.89	3287.91

Management

Average Yield	(Bushel/acre)	63.74	74.66
Expected Market Price	(\$/Bushel)	6.07	6.10

2013 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	347.03	463.11	5.93	6.10	
	2. Crop Insurance Receipts	18.79	0.00	0.32	0.00	
	3. Other Receipts	3.21	0.00	0.05	0.00	
	Gross Receipts	369.03	463.11	6.31	6.10	
(B)	Cost Items					
	1. Seed	19.71	19.86	0.34	0.26	
	2. Fertilizer	76.91	52.78	1.31	0.70	
	3. Chemical	35.05	30.12	0.60	0.40	
	4. Hail/Crop Insurance Premium	6.13	9.72	0.10	0.13	
	5. Trucking and Marketing	0.59	0.00	0.01	0.00	
	6. Fuel	17.78	17.45	0.30	0.23	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	13.46	6.86	0.23	0.09	
	9. Repairs - Buildings	6.49	14.12	0.11	0.19	
	10. Utilities and Miscellaneous	8.09	3.69	0.14	0.05	
	11. Custom Work	4.14	0.06	0.07	0.00	
	12. Operating Interest Paid	1.13	0.00	0.02	0.00	
	13. Paid Labour	6.66	0.00	0.11	0.00	
	14. Unpaid Labour	9.27	9.69	0.16	0.13	
	Variable Costs	205.41	164.35	3.51	2.16	
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00	
	2. Taxes, Water Rates, License & Ins.	9.26	4.18	0.16	0.06	
	3. Equipment and Building:	a) Depreciation	41.26	42.82	0.70	0.56
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	10.85	0.00	0.19	0.62	
	Capital Costs	61.37	47.01	1.05	1.24	
(D)	Cash Costs	(B+C-B14-C3a)	216.25	158.84	3.69	2.71
(E)	Total Production Costs	(B+C)	266.78	211.35	4.56	3.40
	Gross Margin	(A-D)	152.79	304.27	2.61	3.39
	Return to Unpaid Labour	(A-E+B14)	111.52	261.44	1.91	2.82
	Return to Investment	(A-E+C4)	113.10	251.75	1.93	3.32
	Return to Equity	(A-E)	102.25	251.75	1.75	2.70

Investment

Buildings	98.80	63.91
Machinery	406.73	474.72
Irrigation Machinery	0.00	0.00
Total (incl. Land)	3367.14	3538.62

Management

Average Yield	(Bushel/acre)	58.53	75.92
Expected Market Price	(\$/Bushel)	5.93	6.10

2013 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	456.69	563.49	6.27	6.25	
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00	
	3. Other Receipts	2.50	9.80	0.03	0.11	
	Gross Receipts	459.18	573.28	6.30	6.36	
(B)	Cost Items					
	1. Seed	31.89	29.04	0.44	0.32	
	2. Fertilizer	77.52	75.18	1.06	0.83	
	3. Chemical	43.66	43.96	0.60	0.49	
	4. Hail/Crop Insurance Premium	10.55	16.23	0.14	0.18	
	5. Trucking and Marketing	0.68	0.15	0.01	0.00	
	6. Fuel	21.02	22.14	0.29	0.25	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	15.08	10.67	0.21	0.12	
	9. Repairs - Buildings	4.38	5.34	0.06	0.06	
	10. Utilities and Miscellaneous	12.02	9.65	0.16	0.11	
	11. Custom Work	4.25	2.75	0.06	0.03	
	12. Operating Interest Paid	0.66	0.11	0.01	0.00	
	13. Paid Labour	8.33	6.68	0.11	0.07	
	14. Unpaid Labour	11.67	11.17	0.16	0.12	
	Variable Costs	241.72	233.07	3.32	2.58	
(C)	1. Cash/ Share Land Rent	82.33	112.32	1.13	1.25	
	2. Taxes, Water Rates, License & Ins.	4.94	5.48	0.07	0.06	
	3. Equipment and Building:	a) Depreciation	48.57	51.12	0.67	0.57
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	2.06	1.81	0.03	1.89	
	Capital Costs	137.91	170.74	1.89	3.77	
(D)	Cash Costs	(B+C-B14-C3a)	319.39	341.52	4.38	5.66
(E)	Total Production Costs	(B+C)	379.63	403.81	5.21	6.35
	Gross Margin	(A-D)	139.79	231.77	1.92	0.70
	Return to Unpaid Labour	(A-E+B14)	91.23	180.65	1.25	0.13
	Return to Investment	(A-E+C4)	81.62	171.29	1.12	1.90
	Return to Equity	(A-E)	79.55	169.48	1.09	0.01

Investment

Buildings	168.29	202.60
Machinery	425.97	430.03
Irrigation Machinery	0.00	0.00
Total (incl. Land)	594.26	632.64

Management

Average Yield	(Bushel/acre)	72.89	90.18
Expected Market Price	(\$/Bushel)	6.27	6.25

2013 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	476.91	623.26	6.03	6.41	
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00	
	3. Other Receipts	2.04	0.03	0.03	0.00	
	Gross Receipts	478.95	623.29	6.05	6.41	
(B)	Cost Items					
	1. Seed	22.33	27.49	0.28	0.28	
	2. Fertilizer	92.40	78.79	1.17	0.81	
	3. Chemical	43.78	50.47	0.55	0.52	
	4. Hail/Crop Insurance Premium	7.34	8.28	0.09	0.09	
	5. Trucking and Marketing	0.81	1.19	0.01	0.01	
	6. Fuel	16.80	17.77	0.21	0.18	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	14.95	12.22	0.19	0.13	
	9. Repairs - Buildings	3.43	4.12	0.04	0.04	
	10. Utilities and Miscellaneous	9.11	8.52	0.12	0.09	
	11. Custom Work	9.18	16.34	0.12	0.17	
	12. Operating Interest Paid	0.87	0.05	0.01	0.00	
	13. Paid Labour	9.09	11.07	0.11	0.11	
	14. Unpaid Labour	8.77	9.86	0.11	0.10	
	Variable Costs	238.87	246.21	3.02	2.53	
(C)	1. Cash/ Share Land Rent	42.18	48.38	0.53	0.50	
	2. Taxes, Water Rates, License & Ins.	5.48	2.66	0.07	0.03	
	3. Equipment and Building:	a) Depreciation	44.65	38.54	0.56	0.40
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	4.86	3.28	0.06	0.96	
	Capital Costs	97.17	92.86	1.23	1.88	
(D)	Cash Costs	282.62	290.66	3.57	3.91	
(E)	Total Production Costs	336.04	339.07	4.25	4.41	
	Gross Margin	196.32	332.64	2.48	2.50	
	Return to Unpaid Labour	151.68	294.09	1.92	2.10	
	Return to Investment	147.76	287.50	1.87	2.96	
	Return to Equity	142.91	284.23	1.81	2.00	

Investment

Buildings	118.88	103.64
Machinery	409.84	363.50
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1212.27	836.19

Management

Average Yield	(Bushel/acre)	79.15	97.18
Expected Market Price	(\$/Bushel)	6.03	6.41

2013 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	305.51	--	5.50	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	305.51	0.00	5.50	0.00	
(B)	Cost Items					
	1. Seed	10.98	--	0.20	--	
	2. Fertilizer	99.12	--	1.79	--	
	3. Chemical	34.55	--	0.62	--	
	4. Hail/Crop Insurance Premium	1.08	--	0.02	--	
	5. Trucking and Marketing	0.63	--	0.01	--	
	6. Fuel	11.92	--	0.21	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	16.79	--	0.30	--	
	9. Repairs - Buildings	3.18	--	0.06	--	
	10. Utilities and Miscellaneous	10.40	--	0.19	--	
	11. Custom Work	9.61	--	0.17	--	
	12. Operating Interest Paid	0.70	--	0.01	--	
	13. Paid Labour	8.67	--	0.16	--	
	14. Unpaid Labour	7.06	--	0.13	--	
	Variable Costs	214.70	0.00	3.87	0.00	
(C)	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	10.45	--	0.19	--	
	3. Equipment and Building:	a) Depreciation	42.67	--	0.77	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	9.35	--	0.17	--	
	Capital Costs	62.48	0.00	1.13	0.00	
(D)	Cash Costs	(B+C-B14-C3a)	227.44	--	4.10	
(E)	Total Production Costs	(B+C)	277.18	--	4.99	
	Gross Margin	(A-D)	78.07	--	1.41	
	Return to Unpaid Labour	(A-E+B14)	35.40	--	0.64	
	Return to Investment	(A-E+C4)	37.68	--	0.68	
	Return to Equity	(A-E)	28.33	--	0.51	

Investment

Buildings	72.20	--
Machinery	407.82	--
Irrigation Machinery	0.00	--
Total (incl. Land)	3241.96	--

Management

Average Yield	(Bushel/acre)	55.52	--
Expected Market Price	(\$/Bushel)	5.50	--

2013 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	533.28	621.53	6.13	6.42
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	2.71	0.04	0.03	0.00
	Gross Receipts	535.98	621.57	6.17	6.42
(B)	Cost Items				
	1. Seed	26.07	27.85	0.30	0.29
	2. Fertilizer	90.20	75.59	1.04	0.78
	3. Chemical	46.81	47.80	0.54	0.49
	4. Hail/Crop Insurance Premium	9.40	8.52	0.11	0.09
	5. Trucking and Marketing	0.87	1.20	0.01	0.01
	6. Fuel	18.40	17.96	0.21	0.19
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	14.34	11.80	0.17	0.12
	9. Repairs - Buildings	3.51	3.82	0.04	0.04
	10. Utilities and Miscellaneous	8.69	8.12	0.10	0.08
	11. Custom Work	9.04	17.39	0.10	0.18
	12. Operating Interest Paid	0.93	0.05	0.01	0.00
	13. Paid Labour	9.23	9.98	0.11	0.10
	14. Unpaid Labour	9.33	10.07	0.11	0.10
	Variable Costs	246.82	240.15	2.84	2.48
(C)	1. Cash/ Share Land Rent	56.06	53.46	0.64	0.55
	2. Taxes, Water Rates, License & Ins.	3.84	2.70	0.04	0.03
	3. Equipment and Building: a) Depreciation	45.29	37.65	0.52	0.39
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	3.38	3.11	0.04	1.00	
	Capital Costs	108.57	96.92	1.25	1.97
(D)	Cash Costs	300.77	289.35	3.46	3.96
(E)	Total Production Costs	355.40	337.07	4.09	4.45
	Gross Margin	235.22	332.21	2.71	2.46
	Return to Unpaid Labour	189.92	294.57	2.18	2.07
	Return to Investment	183.97	287.61	2.12	2.97
	Return to Equity	180.59	284.50	2.08	1.97

Investment

Buildings	134.23	99.16
Machinery	410.50	357.35
Irrigation Machinery	0.00	0.00
Total (incl. Land)	544.73	456.51

Management

Average Yield	(Bushel/acre)	86.92	96.85
Expected Market Price	(\$/Bushel)	6.13	6.42

2013 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	459.52	619.41	5.27	5.75	
	2. Crop Insurance Receipts	5.26	0.00	0.06	0.00	
	3. Other Receipts	3.55	0.00	0.04	0.00	
	Gross Receipts	468.33	619.41	5.38	5.75	
(B)	Cost Items					
	1. Seed	28.53	37.18	0.33	0.35	
	2. Fertilizer	58.18	57.98	0.67	0.54	
	3. Chemical	41.41	51.02	0.48	0.47	
	4. Hail/Crop Insurance Premium	15.84	13.08	0.18	0.12	
	5. Trucking and Marketing	0.94	0.00	0.01	0.00	
	6. Fuel	24.46	23.04	0.28	0.21	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	13.18	11.39	0.15	0.11	
	9. Repairs - Buildings	3.52	6.80	0.04	0.06	
	10. Utilities and Miscellaneous	12.18	9.29	0.14	0.09	
	11. Custom Work	3.55	0.00	0.04	0.00	
	12. Operating Interest Paid	0.85	0.00	0.01	0.00	
	13. Paid Labour	5.44	8.08	0.06	0.08	
	14. Unpaid Labour	12.33	11.22	0.14	0.10	
	Variable Costs	220.42	229.10	2.53	2.13	
(C)	1. Cash/ Share Land Rent	82.84	105.40	0.95	0.98	
	2. Taxes, Water Rates, License & Ins.	7.32	9.17	0.08	0.09	
	3. Equipment and Building:	a) Depreciation	55.82	57.20	0.64	0.53
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	8.36	13.77	0.10	1.72	
	Capital Costs	154.35	185.54	1.77	3.32	
(D)	Cash Costs					
(E)	Total Production Costs					
	<i>Gross Margin</i>	161.71	273.19	1.86	0.94	
	<i>Return to Unpaid Labour</i>	105.89	215.99	1.22	0.41	
	<i>Return to Investment</i>	101.93	218.54	1.17	2.03	
	<i>Return to Equity</i>	93.56	204.77	1.07	0.31	

Investment

Buildings	178.35	248.24
Machinery	495.69	462.18
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1122.96	1236.74

Management

Average Yield	(Bushel/acre)	87.12	107.72
Expected Market Price	(\$/Bushel)	5.27	5.75

2013 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	454.50	628.85	5.24	5.75	
	2. Crop Insurance Receipts	6.05	0.00	0.07	0.00	
	3. Other Receipts	4.08	0.00	0.05	0.00	
	Gross Receipts	464.62	628.85	5.36	5.75	
(B)	Cost Items					
	1. Seed	27.57	37.18	0.32	0.34	
	2. Fertilizer	57.87	57.98	0.67	0.53	
	3. Chemical	40.45	51.02	0.47	0.47	
	4. Hail/Crop Insurance Premium	16.14	13.08	0.19	0.12	
	5. Trucking and Marketing	0.91	0.00	0.01	0.00	
	6. Fuel	24.05	23.04	0.28	0.21	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	12.80	11.39	0.15	0.10	
	9. Repairs - Buildings	3.33	6.80	0.04	0.06	
	10. Utilities and Miscellaneous	11.76	9.29	0.14	0.08	
	11. Custom Work	3.78	0.00	0.04	0.00	
	12. Operating Interest Paid	0.81	0.00	0.01	0.00	
	13. Paid Labour	5.22	8.08	0.06	0.07	
	14. Unpaid Labour	12.21	11.22	0.14	0.10	
	Variable Costs	216.92	229.10	2.50	2.09	
(C)	1. Cash/ Share Land Rent	95.22	127.82	1.10	1.17	
	2. Taxes, Water Rates, License & Ins.	5.52	6.59	0.06	0.06	
	3. Equipment and Building:	a) Depreciation	54.00	57.20	0.62	0.52
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	1.67	2.31	0.02	1.77	
	Capital Costs	156.40	193.92	1.80	3.53	
(D)	Cash Costs	307.11	354.60	3.54	4.99	
(E)	Total Production Costs	373.32	423.02	4.31	5.62	
	<i>Gross Margin</i>	<i>157.51</i>	<i>274.25</i>	<i>1.82</i>	<i>0.76</i>	
	<i>Return to Unpaid Labour</i>	<i>103.52</i>	<i>217.06</i>	<i>1.19</i>	<i>0.23</i>	
	<i>Return to Investment</i>	<i>92.97</i>	<i>208.15</i>	<i>1.07</i>	<i>1.90</i>	
	<i>Return to Equity</i>	<i>91.30</i>	<i>205.84</i>	<i>1.05</i>	<i>0.13</i>	

Investment

Buildings	169.79	248.24
Machinery	482.59	462.18
Irrigation Machinery	0.00	0.00
Total (incl. Land)	652.38	710.42

Management

Average Yield	(Bushel/acre)	86.66	109.37
Expected Market Price	(\$/Bushel)	5.24	5.75

2013 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	297.71	373.12	3.49	3.87
	2. Crop Insurance Receipts	15.38	5.32	0.18	0.06
	3. Other Receipts	7.30	0.00	0.09	0.00
	Gross Receipts	320.38	378.44	3.76	3.93
(B)	Cost Items				
	1. Seed	16.38	14.59	0.19	0.15
	2. Fertilizer	64.19	48.70	0.75	0.51
	3. Chemical	34.49	37.73	0.40	0.39
	4. Hail/Crop Insurance Premium	12.20	9.45	0.14	0.10
	5. Trucking and Marketing	1.10	0.26	0.01	0.00
	6. Fuel	16.96	17.81	0.20	0.18
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	11.02	7.26	0.13	0.08
	9. Repairs - Buildings	5.50	11.74	0.06	0.12
	10. Utilities and Miscellaneous	6.22	4.00	0.07	0.04
	11. Custom Work	4.64	4.73	0.05	0.05
	12. Operating Interest Paid	0.10	0.00	0.00	0.00
	13. Paid Labour	2.53	0.46	0.03	0.00
	14. Unpaid Labour	11.01	10.05	0.13	0.10
	Variable Costs	186.34	166.77	2.19	1.73
(C)	1. Cash/ Share Land Rent	25.38	8.38	0.30	0.09
	2. Taxes, Water Rates, License & Ins.	5.19	4.24	0.06	0.04
	3. Equipment and Building: a) Depreciation	41.73	40.64	0.49	0.42
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	3.30	0.40	0.04	0.56	
	Capital Costs	75.61	53.66	0.89	1.11
(D)	Cash Costs (B+C-B14-C3a)	209.21	169.75	2.46	2.31
(E)	Total Production Costs (B+C)	261.95	220.43	3.07	2.84
	Gross Margin (A-D)	111.17	208.69	1.30	1.61
	Return to Unpaid Labour (A-E+B14)	69.44	168.05	0.82	1.19
	Return to Investment (A-E+C4)	61.74	158.41	0.72	1.64
	Return to Equity (A-E)	58.44	158.01	0.69	1.09

Investment

Buildings	95.77	65.19
Machinery	416.36	443.58
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1886.85	2925.97

Management

Average Yield (Bushel/acre)	85.20	96.36
Expected Market Price (\$/Bushel)	3.49	3.87

2013 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	295.22	361.02	3.38	3.78
	2. Crop Insurance Receipts	9.57	3.58	0.11	0.04
	3. Other Receipts	10.60	0.00	0.12	0.00
Gross Receipts		315.38	364.61	3.62	3.82
(B)	Cost Items				
	1. Seed	14.20	13.40	0.16	0.14
	2. Fertilizer	60.53	47.62	0.69	0.50
	3. Chemical	34.07	37.15	0.39	0.39
	4. Hail/Crop Insurance Premium	10.33	9.84	0.12	0.10
	5. Trucking and Marketing	1.21	0.00	0.01	0.00
	6. Fuel	17.74	17.45	0.20	0.18
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	9.02	6.86	0.10	0.07
	9. Repairs - Buildings	7.77	14.12	0.09	0.15
	10. Utilities and Miscellaneous	6.27	3.69	0.07	0.04
	11. Custom Work	0.03	0.06	0.00	0.00
	12. Operating Interest Paid	0.06	0.00	0.00	0.00
	13. Paid Labour	0.83	0.00	0.01	0.00
	14. Unpaid Labour	11.10	9.69	0.13	0.10
Variable Costs		173.16	159.88	1.99	1.67
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	7.28	4.18	0.08	0.04
	3. Equipment and Building: a) Depreciation	42.78	42.82	0.49	0.45
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	4.41	0.00	0.05	0.49
Capital Costs		54.48	47.01	0.62	0.98
(D)	Cash Costs (B+C-B14-C3a)	173.75	154.38	1.99	2.11
(E)	Total Production Costs (B+C)	227.63	206.89	2.61	2.66
	Gross Margin (A-D)	141.63	210.23	1.62	1.71
	Return to Unpaid Labour (A-E+B14)	98.85	167.40	1.13	1.26
	Return to Investment (A-E+C4)	92.16	157.71	1.06	1.65
	Return to Equity (A-E)	87.75	157.71	1.01	1.16

Investment

Buildings	95.47	63.91
Machinery	442.12	474.72
Irrigation Machinery	0.00	0.00
Total (incl. Land)	3395.48	3538.62

Management

Average Yield (Bushel/acre)	87.22	95.51
Expected Market Price (\$/Bushel)	3.38	3.78

2013 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	300.01	398.96	3.60	4.03	
	2. Crop Insurance Receipts	20.76	4.79	0.25	0.05	
	3. Other Receipts	4.25	0.00	0.05	0.00	
	Gross Receipts	325.02	403.75	3.90	4.07	
(B)	Cost Items					
	1. Seed	18.39	16.42	0.22	0.17	
	2. Fertilizer	67.59	53.13	0.81	0.54	
	3. Chemical	34.89	43.24	0.42	0.44	
	4. Hail/Crop Insurance Premium	13.93	8.04	0.17	0.08	
	5. Trucking and Marketing	1.01	0.91	0.01	0.01	
	6. Fuel	16.24	17.87	0.19	0.18	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	12.87	10.50	0.15	0.11	
	9. Repairs - Buildings	3.39	6.45	0.04	0.07	
	10. Utilities and Miscellaneous	6.18	6.93	0.07	0.07	
	11. Custom Work	8.91	12.93	0.11	0.13	
	12. Operating Interest Paid	0.15	0.03	0.00	0.00	
	13. Paid Labour	4.10	7.29	0.05	0.07	
	14. Unpaid Labour	10.92	10.01	0.13	0.10	
	Variable Costs	198.55	193.75	2.38	1.96	
(C)	1. Cash/ Share Land Rent	48.91	61.79	0.59	0.62	
	2. Taxes, Water Rates, License & Ins.	3.26	2.94	0.04	0.03	
	3. Equipment and Building:	a) Depreciation	40.75	38.90	0.49	0.39
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	2.28	2.34	0.03	1.07	
	Capital Costs	95.20	105.97	1.14	2.12	
(D)	Cash Costs	(B+C-B14-C3a)	242.08	250.81	2.90	3.58
(E)	Total Production Costs	(B+C)	293.75	299.72	3.52	4.07
	Gross Margin	(A-D)	82.94	152.94	1.00	0.50
	Return to Unpaid Labour	(A-E+B14)	42.18	114.05	0.51	0.11
	Return to Investment	(A-E+C4)	33.54	106.37	0.40	1.07
	Return to Equity	(A-E)	31.27	104.03	0.38	0.00

Investment

Buildings	96.04	90.35
Machinery	392.47	386.41
Irrigation Machinery	0.00	0.00
Total (incl. Land)	488.51	476.76

Management

Average Yield	(Bushel/acre)	83.34	99.10
Expected Market Price	(\$/Bushel)	3.60	4.03

2013 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	463.21	--	3.18	--	
	2. Crop Insurance Receipts	6.85	--	0.05	--	
	3. Other Receipts	7.45	--	0.05	--	
	Gross Receipts	477.51	0.00	3.27	0.00	
(B)	Cost Items					
	1. Seed	13.83	--	0.09	--	
	2. Fertilizer	72.75	--	0.50	--	
	3. Chemical	21.01	--	0.14	--	
	4. Hail/Crop Insurance Premium	8.53	--	0.06	--	
	5. Trucking and Marketing	0.94	--	0.01	--	
	6. Fuel	21.47	--	0.15	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	13.43	--	0.09	--	
	9. Repairs - Buildings	3.70	--	0.03	--	
	10. Utilities and Miscellaneous	9.72	--	0.07	--	
	11. Custom Work	24.54	--	0.17	--	
	12. Operating Interest Paid	1.16	--	0.01	--	
	13. Paid Labour	12.71	--	0.09	--	
	14. Unpaid Labour	10.12	--	0.07	--	
	Variable Costs	213.90	0.00	1.47	0.00	
(C)	1. Cash/ Share Land Rent	38.31	--	0.26	--	
	2. Taxes, Water Rates, License & Ins.	5.01	--	0.03	--	
	3. Equipment and Building:	a) Depreciation	43.34	--	0.30	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	3.50	--	0.02	--	
	Capital Costs	90.16	0.00	0.62	0.00	
(D)	Cash Costs	250.60	--	1.72	--	
(E)	Total Production Costs	304.07	--	2.08	--	
	Gross Margin	226.91	--	1.56	--	
	Return to Unpaid Labour	183.57	--	1.26	--	
	Return to Investment	176.95	--	1.21	--	
	Return to Equity	173.45	--	1.19	--	

Investment

Buildings	166.91	--
Machinery	375.96	--
Irrigation Machinery	0.00	--
Total (incl. Land)	2106.08	--

Management

Average Yield	(Bushel/acre)	145.84	--
Expected Market Price	(\$/Bushel)	3.18	--

2013 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	432.26	--	3.20	--	
	2. Crop Insurance Receipts	8.68	--	0.06	--	
	3. Other Receipts	8.80	--	0.07	--	
	Gross Receipts	449.74	0.00	3.33	0.00	
(B)	Cost Items					
	1. Seed	16.78	--	0.12	--	
	2. Fertilizer	66.72	--	0.49	--	
	3. Chemical	23.28	--	0.17	--	
	4. Hail/Crop Insurance Premium	11.15	--	0.08	--	
	5. Trucking and Marketing	0.50	--	0.00	--	
	6. Fuel	25.52	--	0.19	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	13.75	--	0.10	--	
	9. Repairs - Buildings	3.07	--	0.02	--	
	10. Utilities and Miscellaneous	10.11	--	0.07	--	
	11. Custom Work	2.86	--	0.02	--	
	12. Operating Interest Paid	2.03	--	0.02	--	
	13. Paid Labour	12.50	--	0.09	--	
	14. Unpaid Labour	11.10	--	0.08	--	
	Variable Costs	199.37	0.00	1.47	0.00	
(C)	1. Cash/ Share Land Rent	68.29	--	0.51	--	
	2. Taxes, Water Rates, License & Ins.	5.87	--	0.04	--	
	3. Equipment and Building:	a) Depreciation	46.53	--	0.34	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	3.29	--	0.02	--	
	Capital Costs	123.98	0.00	0.92	0.00	
(D)	Cash Costs	265.71	--	1.97	--	
(E)	Total Production Costs	323.35	--	2.39	--	
	<i>Gross Margin</i>	184.02	--	1.36	--	
	<i>Return to Unpaid Labour</i>	137.49	--	1.02	--	
	<i>Return to Investment</i>	129.68	--	0.96	--	
	<i>Return to Equity</i>	126.39	--	0.94	--	

Investment

Buildings	208.03	--
Machinery	386.70	--
Irrigation Machinery	0.00	--
Total (incl. Land)	594.73	--

Management

Average Yield	(Bushel/acre)	135.17	--
Expected Market Price	(\$/Bushel)	3.20	--

2013 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	559.28	646.82	10.89	11.10	
	2. Crop Insurance Receipts	19.95	5.70	0.39	0.10	
	3. Other Receipts	0.09	0.00	0.00	0.00	
	Gross Receipts	579.32	652.52	11.28	11.20	
(B)	Cost Items					
	1. Seed	42.17	36.67	0.82	0.63	
	2. Fertilizer	93.42	75.26	1.82	1.29	
	3. Chemical	47.26	53.02	0.92	0.91	
	4. Hail/Crop Insurance Premium	19.06	17.88	0.37	0.31	
	5. Trucking and Marketing	0.73	0.64	0.01	0.01	
	6. Fuel	16.51	17.25	0.32	0.30	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	12.57	10.74	0.24	0.18	
	9. Repairs - Buildings	4.69	9.14	0.09	0.16	
	10. Utilities and Miscellaneous	7.43	7.24	0.14	0.12	
	11. Custom Work	12.43	9.80	0.24	0.17	
	12. Operating Interest Paid	0.24	0.03	0.00	0.00	
	13. Paid Labour	8.83	8.48	0.17	0.15	
	14. Unpaid Labour	9.88	9.37	0.19	0.16	
	Variable Costs	275.22	255.52	5.36	4.38	
(C)	1. Cash/ Share Land Rent	23.66	2.16	0.46	0.04	
	2. Taxes, Water Rates, License & Ins.	4.69	3.68	0.09	0.06	
	3. Equipment and Building: a) Depreciation	44.16	42.28	0.86	0.73	
	b) Lease Payments	0.00	0.00	0.00	0.00	
4. Paid Capital Interest	4.43	2.20	0.09	0.86		
	Capital Costs	76.95	50.31	1.50	1.69	
(D)	Cash Costs					
	(B+C-B14-C3a)	298.13	254.18	5.80	5.19	
(E)	Total Production Costs					
	(B+C)	352.17	305.83	6.86	6.07	
	Gross Margin	(A-D)	281.19	398.34	5.47	6.01
	Return to Unpaid Labour	(A-E+B14)	237.03	356.06	4.61	5.28
	Return to Investment	(A-E+C4)	231.59	348.89	4.51	5.99
	Return to Equity	(A-E)	227.15	346.69	4.42	5.12

Investment

Buildings	98.63	95.48
Machinery	427.52	424.97
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2240.05	3739.52

Management

Average Yield	(Bushel/acre)	51.37	58.28
Expected Market Price	(\$/Bushel)	10.89	11.10

2013 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	589.30	621.02	10.80	11.01	
	2. Crop Insurance Receipts	15.60	13.02	0.29	0.23	
	3. Other Receipts	0.17	0.00	0.00	0.00	
	Gross Receipts	605.07	634.04	11.09	11.24	
(B)	Cost Items					
	1. Seed	39.31	32.46	0.72	0.58	
	2. Fertilizer	84.83	72.79	1.55	1.29	
	3. Chemical	50.11	39.33	0.92	0.70	
	4. Hail/Crop Insurance Premium	16.56	19.80	0.30	0.35	
	5. Trucking and Marketing	0.72	0.24	0.01	0.00	
	6. Fuel	17.19	17.38	0.32	0.31	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	12.31	8.29	0.23	0.15	
	9. Repairs - Buildings	6.87	12.28	0.13	0.22	
	10. Utilities and Miscellaneous	8.57	5.00	0.16	0.09	
	11. Custom Work	10.98	3.90	0.20	0.07	
	12. Operating Interest Paid	0.31	0.01	0.01	0.00	
	13. Paid Labour	9.20	3.12	0.17	0.06	
	14. Unpaid Labour	9.48	9.57	0.17	0.17	
	Variable Costs	266.42	224.17	4.88	3.97	
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00	
	2. Taxes, Water Rates, License & Ins.	6.26	4.03	0.11	0.07	
	3. Equipment and Building:	a) Depreciation	45.00	42.62	0.82	0.76
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	6.15	0.81	0.11	0.84	
	Capital Costs	57.41	47.46	1.05	1.67	
(D)	Cash Costs	269.35	219.44	4.94	4.72	
(E)	Total Production Costs	323.83	271.64	5.94	5.64	
	Gross Margin	335.73	414.60	6.15	6.52	
	Return to Unpaid Labour	290.73	371.98	5.33	5.77	
	Return to Investment	287.39	363.22	5.27	6.44	
	Return to Equity	281.24	362.41	5.15	5.60	

Investment

Buildings	99.80	75.54
Machinery	444.19	456.38
Irrigation Machinery	0.00	0.00
Total (incl. Land)	3879.51	3687.17

Management

Average Yield	(Bushel/acre)	54.56	56.41
Expected Market Price	(\$/Bushel)	10.80	11.01

2013 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	527.54	653.02	10.99	11.02
	2. Crop Insurance Receipts	24.56	0.00	0.51	0.00
	3. Other Receipts	0.00	0.00	0.00	0.00
	Gross Receipts	552.10	653.02	11.50	11.02
(B)	Cost Items				
	1. Seed	45.19	41.30	0.94	0.70
	2. Fertilizer	102.50	93.28	2.14	1.57
	3. Chemical	44.25	51.90	0.92	0.88
	4. Hail/Crop Insurance Premium	21.70	14.15	0.45	0.24
	5. Trucking and Marketing	0.75	1.09	0.02	0.02
	6. Fuel	15.79	16.48	0.33	0.28
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	12.85	14.13	0.27	0.24
	9. Repairs - Buildings	2.39	5.00	0.05	0.08
	10. Utilities and Miscellaneous	6.23	10.06	0.13	0.17
	11. Custom Work	13.96	16.71	0.29	0.28
	12. Operating Interest Paid	0.16	0.13	0.00	0.00
	13. Paid Labour	8.44	14.34	0.18	0.24
	14. Unpaid Labour	10.30	8.88	0.21	0.15
	Variable Costs	284.51	287.44	5.93	4.85
(C)	1. Cash/ Share Land Rent	48.67	54.46	1.01	0.92
	2. Taxes, Water Rates, License & Ins.	3.04	2.12	0.06	0.04
	3. Equipment and Building: a) Depreciation	43.27	41.94	0.90	0.71
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	2.62	3.53	0.05	1.72	
	Capital Costs	97.60	102.05	2.03	3.39
(D)	Cash Costs (B+C-B14-C3a)	328.54	338.66	6.84	7.38
(E)	Total Production Costs (B+C)	382.11	389.48	7.96	8.24
	Gross Margin (A-D)	223.56	314.36	4.66	3.64
	Return to Unpaid Labour (A-E+B14)	180.29	272.41	3.76	2.93
	Return to Investment (A-E+C4)	172.61	267.07	3.60	4.51
	Return to Equity (A-E)	169.99	263.53	3.54	2.79

Investment

Buildings	97.40	114.48
Machinery	409.90	388.68
Irrigation Machinery	0.00	0.00
Total (incl. Land)	507.30	503.17

Management

Average Yield	(Bushel/acre)	48.00	59.25
Expected Market Price	(\$/Bushel)	10.99	11.02

2013 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	450.16	477.28	10.03	10.14	
	2. Crop Insurance Receipts	51.60	30.31	1.15	0.64	
	3. Other Receipts	5.65	0.00	0.13	0.00	
	Gross Receipts	507.40	507.59	11.30	10.78	
(B)	Cost Items					
	1. Seed	41.71	43.30	0.93	0.92	
	2. Fertilizer	93.03	79.83	2.07	1.70	
	3. Chemical	35.25	35.89	0.79	0.76	
	4. Hail/Crop Insurance Premium	21.97	16.01	0.49	0.34	
	5. Trucking and Marketing	1.31	0.48	0.03	0.01	
	6. Fuel	23.70	17.40	0.53	0.37	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	15.47	14.28	0.34	0.30	
	9. Repairs - Buildings	1.58	4.06	0.04	0.09	
	10. Utilities and Miscellaneous	11.06	9.57	0.25	0.20	
	11. Custom Work	5.33	8.65	0.12	0.18	
	12. Operating Interest Paid	2.18	0.53	0.05	0.01	
	13. Paid Labour	9.31	5.69	0.21	0.12	
	14. Unpaid Labour	12.66	13.28	0.28	0.28	
	Variable Costs	274.57	248.97	6.12	5.29	
(C)	1. Cash/ Share Land Rent	44.09	7.13	0.98	0.15	
	2. Taxes, Water Rates, License & Ins.	7.82	9.01	0.17	0.19	
	3. Equipment and Building:	a) Depreciation	36.41	29.35	0.81	0.62
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	7.22	3.65	0.16	1.04	
	Capital Costs	95.53	49.13	2.13	2.01	
(D)	Cash Costs	321.03	255.47	7.15	6.39	
(E)	Total Production Costs	370.11	298.10	8.24	7.30	
	Gross Margin	186.37	252.12	4.15	4.39	
	Return to Unpaid Labour	149.96	222.77	3.34	3.77	
	Return to Investment	144.51	213.13	3.22	4.53	
	Return to Equity	137.30	209.49	3.06	3.48	

Investment

Buildings	151.28	90.05
Machinery	319.63	285.69
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2026.38	2878.42

Management

Average Yield	(Bushel/acre)	44.89	47.09
Expected Market Price	(\$/Bushel)	10.03	10.14

2013 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	441.14	484.49	9.93	9.97	
	2. Crop Insurance Receipts	40.09	0.00	0.90	0.00	
	3. Other Receipts	2.50	0.00	0.06	0.00	
	Gross Receipts	483.74	484.49	10.89	9.97	
(B)	Cost Items					
	1. Seed	42.53	44.36	0.96	0.91	
	2. Fertilizer	76.39	68.50	1.72	1.41	
	3. Chemical	34.57	37.11	0.78	0.76	
	4. Hail/Crop Insurance Premium	22.00	8.96	0.50	0.18	
	5. Trucking and Marketing	1.24	0.20	0.03	0.00	
	6. Fuel	21.89	16.23	0.49	0.33	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	15.60	16.32	0.35	0.34	
	9. Repairs - Buildings	2.72	5.89	0.06	0.12	
	10. Utilities and Miscellaneous	13.12	11.20	0.30	0.23	
	11. Custom Work	4.17	0.62	0.09	0.01	
	12. Operating Interest Paid	1.40	0.71	0.03	0.01	
	13. Paid Labour	5.63	3.97	0.13	0.08	
	14. Unpaid Labour	14.75	13.44	0.33	0.28	
	Variable Costs	256.02	227.52	5.76	4.68	
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00	
	2. Taxes, Water Rates, License & Ins.	11.44	9.63	0.26	0.20	
	3. Equipment and Building:	a) Depreciation	34.30	30.73	0.77	0.63
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	10.91	1.27	0.25	0.86	
	Capital Costs	56.65	41.63	1.28	1.69	
(D)	Cash Costs	263.62	224.99	5.93	5.46	
(E)	Total Production Costs	312.67	269.15	7.04	6.37	
	Gross Margin	220.13	259.51	4.96	4.51	
	Return to Unpaid Labour	185.83	228.78	4.18	3.88	
	Return to Investment	181.98	216.61	4.10	4.46	
	Return to Equity	171.07	215.34	3.85	3.60	

Investment

Buildings	135.58	96.40
Machinery	304.75	300.79
Irrigation Machinery	0.00	0.00
Total (incl. Land)	4074.97	3052.23

Management

Average Yield	(Bushel/acre)	44.42	48.60
Expected Market Price	(\$/Bushel)	9.93	9.97

2013 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	456.91	453.85	10.10	10.64
	2. Crop Insurance Receipts	60.20	133.31	1.33	3.12
	3. Other Receipts	8.00	0.16	0.18	0.00
	Gross Receipts	525.10	587.32	11.61	13.76
(B)	Cost Items				
	1. Seed	41.10	50.92	0.91	1.19
	2. Fertilizer	105.48	106.86	2.33	2.50
	3. Chemical	35.76	34.92	0.79	0.82
	4. Hail/Crop Insurance Premium	21.95	36.75	0.49	0.86
	5. Trucking and Marketing	1.36	0.58	0.03	0.01
	6. Fuel	25.05	20.21	0.55	0.47
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	15.38	9.24	0.34	0.22
	9. Repairs - Buildings	0.73	0.30	0.02	0.01
	10. Utilities and Miscellaneous	9.52	5.50	0.21	0.13
	11. Custom Work	6.20	14.58	0.14	0.34
	12. Operating Interest Paid	2.76	0.06	0.06	0.00
	13. Paid Labour	12.07	19.26	0.27	0.45
	14. Unpaid Labour	11.10	14.10	0.25	0.33
	Variable Costs	288.45	313.26	6.38	7.34
(C)	1. Cash/ Share Land Rent	77.07	56.92	1.70	1.33
	2. Taxes, Water Rates, License & Ins.	5.11	3.63	0.11	0.09
	3. Equipment and Building: a) Depreciation	37.99	29.79	0.84	0.70
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	4.46	0.54	0.10	2.13	
	Capital Costs	124.63	90.88	2.75	4.25
(D)	Cash Costs (B+C-B14-C3a)	363.99	360.25	8.05	10.56
(E)	Total Production Costs (B+C)	413.08	404.14	9.13	11.59
	Gross Margin (A-D)	161.11	227.07	3.56	3.20
	Return to Unpaid Labour (A-E+B14)	123.12	197.28	2.72	2.51
	Return to Investment (A-E+C4)	116.48	183.72	2.57	4.31
	Return to Equity (A-E)	112.03	183.18	2.48	2.18

Investment

Buildings	163.02	91.22
Machinery	330.76	287.38
Irrigation Machinery	0.00	0.00
Total (incl. Land)	493.78	378.60

Management

Average Yield (Bushel/acre)	45.24	42.67
Expected Market Price (\$/Bushel)	10.10	10.64

2013 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	410.42	478.86	9.03	8.71
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	4.89	7.57	0.11	0.14
	Gross Receipts	415.32	486.43	9.14	8.85
(B)	Cost Items				
	1. Seed	40.39	43.60	0.89	0.79
	2. Fertilizer	13.61	10.97	0.30	0.20
	3. Chemical	55.65	61.07	1.22	1.11
	4. Hail/Crop Insurance Premium	14.38	23.06	0.32	0.42
	5. Trucking and Marketing	0.87	1.36	0.02	0.02
	6. Fuel	18.77	24.50	0.41	0.45
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	16.82	17.56	0.37	0.32
	9. Repairs - Buildings	1.53	0.68	0.03	0.01
	10. Utilities and Miscellaneous	9.28	10.73	0.20	0.20
	11. Custom Work	7.60	2.38	0.17	0.04
	12. Operating Interest Paid	0.93	1.30	0.02	0.02
	13. Paid Labour	3.56	1.51	0.08	0.03
	14. Unpaid Labour	10.34	13.00	0.23	0.24
	Variable Costs	193.74	211.74	4.26	3.85
(C)	1. Cash/ Share Land Rent	33.08	29.55	0.73	0.54
	2. Taxes, Water Rates, License & Ins.	6.50	6.64	0.14	0.12
	3. Equipment and Building: a) Depreciation	58.69	70.75	1.29	1.29
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	5.98	8.84	0.13	2.11	
	Capital Costs	104.25	115.78	2.29	4.05
(D)	Cash Costs (B+C-B14-C3a)	228.96	243.77	5.04	6.38
(E)	Total Production Costs (B+C)	298.00	327.52	6.56	7.90
	Gross Margin (A-D)	186.35	242.66	4.10	2.47
	Return to Unpaid Labour (A-E+B14)	127.66	171.91	2.81	1.18
	Return to Investment (A-E+C4)	123.30	167.75	2.71	3.05
	Return to Equity (A-E)	117.32	158.91	2.58	0.95

Investment

Buildings	111.05	145.96
Machinery	552.78	660.79
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1749.47	2402.49

Management

Average Yield (Bushel/acre)	45.44	54.99
Expected Market Price (\$/Bushel)	9.03	8.71

2013 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	383.48	--	8.13	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	7.05	--	0.15	--	
	Gross Receipts	390.53	0.00	8.28	0.00	
(B)	Cost Items					
	1. Seed	33.32	--	0.71	--	
	2. Fertilizer	16.13	--	0.34	--	
	3. Chemical	59.36	--	1.26	--	
	4. Hail/Crop Insurance Premium	15.21	--	0.32	--	
	5. Trucking and Marketing	0.28	--	0.01	--	
	6. Fuel	14.92	--	0.32	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	14.75	--	0.31	--	
	9. Repairs - Buildings	1.58	--	0.03	--	
	10. Utilities and Miscellaneous	4.87	--	0.10	--	
	11. Custom Work	5.47	--	0.12	--	
	12. Operating Interest Paid	0.36	--	0.01	--	
	13. Paid Labour	2.51	--	0.05	--	
	14. Unpaid Labour	9.60	--	0.20	--	
Variable Costs	178.37	0.00	3.78	0.00		
(C)	1. Cash/ Share Land Rent	47.65	--	1.01	--	
	2. Taxes, Water Rates, License & Ins.	3.49	--	0.07	--	
	3. Equipment and Building:	a) Depreciation	54.66	--	1.16	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	2.00	--	0.04	--	
Capital Costs	107.80	0.00	2.29	0.00		
(D)	Cash Costs	221.91	--	4.70	--	
(E)	Total Production Costs	286.17	--	6.07	--	
	Gross Margin	168.62	--	3.57	--	
	Return to Unpaid Labour	113.96	--	2.42	--	
	Return to Investment	106.35	--	2.25	--	
	Return to Equity	104.36	--	2.21	--	

Investment

Buildings	100.30	--
Machinery	515.56	--
Irrigation Machinery	0.00	--
Total (incl. Land)	615.87	--

Management

Average Yield	(Bushel/acre)	47.17	--
Expected Market Price	(\$/Bushel)	8.13	--

2013 Crop Enterprise Analysis

AgriProfit\$

Crop: *Alfalfa/Grass Hay - All*

Soil Zone: *Black - Dryland*

Unit: *Tonne*

		----- \$/Acre -----		---- \$/Tonne ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	164.30	286.53	99.55	109.24
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	2.22	5.35	1.34	2.04
Gross Receipts		166.52	291.88	100.90	111.28
(B)	Cost Items				
	1. Seed	0.00	0.00	0.00	0.00
	2. Fertilizer	2.48	4.89	1.50	1.86
	3. Chemical	1.26	1.79	0.76	0.68
	4. Hail/Crop Insurance Premium	0.20	0.23	0.12	0.09
	5. Trucking and Marketing	0.00	0.00	0.00	0.00
	6. Fuel	13.43	12.80	8.14	4.88
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	12.40	15.39	7.51	5.87
	9. Repairs - Buildings	0.50	0.24	0.31	0.09
	10. Utilities and Miscellaneous	5.71	8.43	3.46	3.21
	11. Custom Work	0.79	0.71	0.48	0.27
	12. Operating Interest Paid	0.04	0.07	0.03	0.03
	13. Paid Labour	8.83	12.96	5.35	4.94
	14. Unpaid Labour	8.26	9.53	5.01	3.63
Variable Costs		53.92	67.03	32.67	25.56
(C)	1. Cash/ Share Land Rent	17.38	21.97	10.53	8.38
	2. Taxes, Water Rates, License & Ins.	6.21	7.52	3.76	2.87
	3. Equipment and Building: a) Depreciation	19.28	19.07	11.68	7.27
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	0.91	0.39	0.55	18.66
Capital Costs		43.78	48.95	26.52	37.18
(D)	Cash Costs (B+C-B14-C3a)	70.15	87.38	42.51	51.83
(E)	Total Production Costs (B+C)	97.69	115.98	59.19	62.73
	Gross Margin (A-D)	96.37	204.49	58.39	59.45
	Return to Unpaid Labour (A-E+B14)	77.09	185.43	46.71	52.18
	Return to Investment (A-E+C4)	69.74	176.28	42.26	67.21
	Return to Equity (A-E)	68.83	175.90	41.71	48.55

Investment

Buildings	66.60	49.17
Machinery	163.59	174.67
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1404.91	1460.43

Management

Average Yield (Tonne/acre)	1.65	2.62
Expected Market Price (\$/Tonne)	99.55	109.24

2013 Crop Enterprise Analysis

AgriProfit\$

Crop: *Alfalfa/Grass Hay - Own*

Soil Zone: *Black - Dryland*

Unit: *Tonne*

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	163.88	244.14	99.30	106.20
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	1.96	3.23	1.19	1.41
Gross Receipts		165.84	247.38	100.48	107.61
(B)	Cost Items				
	1. Seed	0.00	0.00	0.00	0.00
	2. Fertilizer	0.00	0.00	0.00	0.00
	3. Chemical	1.91	2.41	1.16	1.05
	4. Hail/Crop Insurance Premium	0.11	0.02	0.07	0.01
	5. Trucking and Marketing	0.00	0.00	0.00	0.00
	6. Fuel	13.21	12.91	8.00	5.62
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	15.32	18.22	9.28	7.93
	9. Repairs - Buildings	0.41	0.19	0.25	0.08
	10. Utilities and Miscellaneous	5.22	6.12	3.16	2.66
	11. Custom Work	1.14	0.95	0.69	0.41
	12. Operating Interest Paid	0.04	0.07	0.02	0.03
	13. Paid Labour	13.39	17.44	8.11	7.59
	14. Unpaid Labour	8.78	9.40	5.32	4.09
Variable Costs		59.53	67.75	36.07	29.47
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	8.53	9.49	5.17	4.13
	3. Equipment and Building: a) Depreciation	21.63	20.93	13.11	9.10
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	1.38	0.52	0.84	13.45
Capital Costs		31.54	30.93	19.11	26.68
(D)	Cash Costs (B+C-B14-C3a)	60.66	68.35	36.76	42.96
(E)	Total Production Costs (B+C)	91.07	98.68	55.18	56.16
	Gross Margin (A-D)	105.17	179.02	63.73	64.65
	Return to Unpaid Labour (A-E+B14)	83.54	158.10	50.62	55.54
	Return to Investment (A-E+C4)	76.14	149.21	46.14	64.91
	Return to Equity (A-E)	74.76	148.69	45.30	51.45

Investment

Buildings	65.93	57.06
Machinery	191.79	192.23
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2031.66	1914.17

Management

Average Yield (Tonne/acre)	1.65	2.30
Expected Market Price (\$/Tonne)	99.30	106.20

2013 Crop Enterprise Analysis

AgriProfit\$

Crop: *Alfalfa/Grass Hay - Rent*

Soil Zone: *Black - Dryland*

Unit: *Tonne*

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	168.74	408.91	101.39	114.92
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	2.67	11.46	1.60	3.22
Gross Receipts		171.41	420.37	103.00	118.14
(B)	Cost Items				
	1. Seed	0.00	0.00	0.00	0.00
	2. Fertilizer	7.87	19.01	4.73	5.34
	3. Chemical	0.00	0.00	0.00	0.00
	4. Hail/Crop Insurance Premium	0.39	0.85	0.24	0.24
	5. Trucking and Marketing	0.00	0.00	0.00	0.00
	6. Fuel	14.39	12.47	8.65	3.50
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	6.16	7.21	3.70	2.03
	9. Repairs - Buildings	0.58	0.38	0.35	0.11
	10. Utilities and Miscellaneous	6.67	15.08	4.01	4.24
	11. Custom Work	0.12	0.00	0.07	0.00
	12. Operating Interest Paid	0.05	0.08	0.03	0.02
	13. Paid Labour	0.03	0.00	0.02	0.00
	14. Unpaid Labour	7.08	9.89	4.26	2.78
Variable Costs		43.35	64.96	26.05	18.26
(C)	1. Cash/ Share Land Rent	54.29	85.42	32.62	24.01
	2. Taxes, Water Rates, License & Ins.	1.62	1.83	0.97	0.52
	3. Equipment and Building: a) Depreciation	14.05	13.71	8.44	3.85
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	0.00	0.00	0.00	28.37
Capital Costs		69.95	100.96	42.03	56.75
(D)	Cash Costs (B+C-B14-C3a)	92.17	142.33	55.39	68.38
(E)	Total Production Costs (B+C)	113.31	165.93	68.08	75.01
	Gross Margin (A-D)	79.23	278.04	47.61	49.76
	Return to Unpaid Labour (A-E+B14)	65.18	264.33	39.17	45.91
	Return to Investment (A-E+C4)	58.10	254.44	34.91	71.51
	Return to Equity (A-E)	58.10	254.44	34.91	43.13

Investment

Buildings	70.97	26.37
Machinery	101.38	123.95
Irrigation Machinery	0.00	0.00
Total (incl. Land)	172.35	150.33

Management

Average Yield (Tonne/acre)	1.66	3.56
Expected Market Price (\$/Tonne)	101.39	114.92

2013 Crop Enterprise Analysis

AgriProfit\$

Crop: Greenfeed - All
Soil Zone: Black - Dryland
Unit: Tonne

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	162.28	203.91	63.13	57.14
	2. Crop Insurance Receipts	10.11	45.62	3.93	12.78
	3. Other Receipts	0.57	0.00	0.22	0.00
	Gross Receipts	172.96	249.52	67.28	69.92
(B)	Cost Items				
	1. Seed	18.10	23.75	7.04	6.66
	2. Fertilizer	40.35	64.29	15.70	18.01
	3. Chemical	13.97	8.93	5.43	2.50
	4. Hail/Crop Insurance Premium	6.44	10.19	2.51	2.86
	5. Trucking and Marketing	0.00	0.00	0.00	0.00
	6. Fuel	25.80	30.64	10.04	8.59
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	17.82	13.31	6.93	3.73
	9. Repairs - Buildings	1.15	1.51	0.45	0.42
	10. Utilities and Miscellaneous	7.75	10.99	3.01	3.08
	11. Custom Work	4.98	2.50	1.94	0.70
	12. Operating Interest Paid	0.15	0.00	0.06	0.00
	13. Paid Labour	0.24	0.31	0.09	0.09
	14. Unpaid Labour	12.02	9.34	4.68	2.62
	Variable Costs	148.78	175.75	57.87	49.25
(C)	1. Cash/ Share Land Rent	14.72	8.57	5.72	2.40
	2. Taxes, Water Rates, License & Ins.	8.30	8.42	3.23	2.36
	3. Equipment and Building: a) Depreciation	30.12	21.51	11.72	6.03
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	2.46	0.50	0.96	10.93	
	Capital Costs	55.59	39.00	21.62	21.72
(D)	Cash Costs (B+C-B14-C3a)	162.23	183.91	63.11	62.32
(E)	Total Production Costs (B+C)	204.37	214.75	79.50	70.97
	Gross Margin (A-D)	10.73	65.62	4.18	7.60
	Return to Unpaid Labour (A-E+B14)	(19.38)	44.11	(7.54)	1.57
	Return to Investment (A-E+C4)	(28.95)	35.27	(11.26)	9.88
	Return to Equity (A-E)	(31.41)	34.77	(12.22)	(1.05)

Investment

Buildings	73.86	46.34
Machinery	270.67	185.09
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1890.73	2045.72

Management

Average Yield (Tonne/acre)	2.57	3.57
Expected Market Price (\$/Tonne)	63.13	57.14

2013 Crop Enterprise Analysis

AgriProfit\$

Crop: Greenfeed - Own
Soil Zone: Black - Dryland
Unit: Tonne

		----- \$/Acre -----		----- \$/Tonne -----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	134.44	149.32	61.02	61.91	
	2. Crop Insurance Receipts	14.92	20.21	6.77	8.38	
	3. Other Receipts	0.84	0.00	0.38	0.00	
	Gross Receipts	150.20	169.53	68.18	70.29	
(B)	Cost Items					
	1. Seed	14.76	17.41	6.70	7.22	
	2. Fertilizer	25.51	25.06	11.58	10.39	
	3. Chemical	12.92	12.56	5.86	5.21	
	4. Hail/Crop Insurance Premium	3.51	4.51	1.60	1.87	
	5. Trucking and Marketing	0.00	0.00	0.00	0.00	
	6. Fuel	25.02	22.41	11.35	9.29	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	19.59	20.39	8.89	8.45	
	9. Repairs - Buildings	0.85	0.61	0.39	0.25	
	10. Utilities and Miscellaneous	6.96	7.21	3.16	2.99	
	11. Custom Work	6.97	9.44	3.16	3.91	
	12. Operating Interest Paid	0.22	0.12	0.10	0.05	
	13. Paid Labour	0.23	0.10	0.11	0.04	
	14. Unpaid Labour	13.21	9.94	5.99	4.12	
	Variable Costs	129.76	129.76	58.90	53.80	
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00	
	2. Taxes, Water Rates, License & Ins.	10.77	8.59	4.89	3.56	
	3. Equipment and Building:	a) Depreciation	33.58	24.28	15.24	10.07
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	3.61	0.98	1.64	14.04	
	Capital Costs	47.96	33.85	21.77	27.66	
(D)	Cash Costs	130.94	129.39	59.43	67.28	
(E)	Total Production Costs	177.72	163.61	80.67	81.46	
	<i>Gross Margin</i>	19.26	40.14	8.74	3.02	
	<i>Return to Unpaid Labour</i>	(14.31)	15.86	(6.50)	(7.05)	
	<i>Return to Investment</i>	(23.91)	6.90	(10.85)	2.86	
	<i>Return to Equity</i>	(27.52)	5.92	(12.49)	(11.17)	

Investment

Buildings	91.87	53.93
Machinery	303.96	215.09
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2679.00	2338.64

Management

Average Yield	(Tonne/acre)	2.20	2.41
Expected Market Price	(\$/Tonne)	61.02	61.91

2013 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	392.85	421.68	41.32	44.09
	2. Crop Insurance Receipts	26.02	55.87	2.74	5.84
	3. Other Receipts	2.03	2.12	0.21	0.22
	Gross Receipts	420.90	479.67	44.27	50.16
(B)	Cost Items				
	1. Seed	29.94	31.22	3.15	3.26
	2. Fertilizer	68.81	70.48	7.24	7.37
	3. Chemical	11.53	17.89	1.21	1.87
	4. Hail/Crop Insurance Premium	8.55	7.80	0.90	0.82
	5. Trucking and Marketing	0.00	0.00	0.00	0.00
	6. Fuel	19.58	20.98	2.06	2.19
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	6.15	7.39	0.65	0.77
	9. Repairs - Buildings	1.85	3.32	0.19	0.35
	10. Utilities and Miscellaneous	7.80	7.42	0.82	0.78
	11. Custom Work	54.54	56.46	5.74	5.90
	12. Operating Interest Paid	0.00	0.00	0.00	0.00
	13. Paid Labour	3.10	6.66	0.33	0.70
	14. Unpaid Labour	12.47	9.69	1.31	1.01
	Variable Costs	224.31	239.30	23.60	25.02
(C)	1. Cash/ Share Land Rent	21.62	0.00	2.27	0.00
	2. Taxes, Water Rates, License & Ins.	13.73	25.31	1.44	2.65
	3. Equipment and Building: a) Depreciation	13.73	12.21	1.44	1.28
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	1.20	0.54	0.13	3.98	
	Capital Costs	50.28	38.06	5.29	7.90
(D)	Cash Costs (B+C-B14-C3a)	248.39	255.46	26.13	30.63
(E)	Total Production Costs (B+C)	274.60	277.35	28.88	32.92
	Gross Margin (A-D)	172.51	224.21	18.15	19.52
	Return to Unpaid Labour (A-E+B14)	158.77	212.00	16.70	18.24
	Return to Investment (A-E+C4)	147.51	202.86	15.52	21.21
	Return to Equity (A-E)	146.30	202.32	15.39	17.23

Investment

Buildings	40.76	66.70
Machinery	130.34	98.81
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2000.81	3120.88

Management

Average Yield (Tonne/acre)	9.51	9.56
Expected Market Price (\$/Tonne)	41.32	44.09

2013 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	390.78	--	43.32	--	
	2. Crop Insurance Receipts	44.23	--	4.90	--	
	3. Other Receipts	1.68	--	0.19	--	
	Gross Receipts	436.70	0.00	48.41	0.00	
(B)	Cost Items					
	1. Seed	29.70	--	3.29	--	
	2. Fertilizer	69.34	--	7.69	--	
	3. Chemical	15.52	--	1.72	--	
	4. Hail/Crop Insurance Premium	7.88	--	0.87	--	
	5. Trucking and Marketing	0.00	--	0.00	--	
	6. Fuel	20.56	--	2.28	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	6.46	--	0.72	--	
	9. Repairs - Buildings	2.67	--	0.30	--	
	10. Utilities and Miscellaneous	7.16	--	0.79	--	
	11. Custom Work	48.64	--	5.39	--	
	12. Operating Interest Paid	0.00	--	0.00	--	
	13. Paid Labour	5.27	--	0.58	--	
	14. Unpaid Labour	11.84	--	1.31	--	
Variable Costs	225.03	0.00	24.95	0.00		
(C)	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	21.50	--	2.38	--	
	3. Equipment and Building:	a) Depreciation	16.65	--	1.85	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	2.04	--	0.23	--	
Capital Costs	40.18	0.00	4.45	0.00		
(D)	Cash Costs	236.73	--	26.24	--	
(E)	Total Production Costs	265.21	--	29.40	--	
	Gross Margin	199.97	--	22.17	--	
	Return to Unpaid Labour	183.32	--	20.32	--	
	Return to Investment	173.53	--	19.24	--	
	Return to Equity	171.48	--	19.01	--	

Investment

Buildings	58.50	--
Machinery	152.69	--
Irrigation Machinery	0.00	--
Total (incl. Land)	3321.69	--

Management

Average Yield	(Tonne/acre)	9.02	--
Expected Market Price	(\$/Tonne)	43.32	--

2013 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	395.79	--	38.80	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	2.55	--	0.25	--	
	Gross Receipts	398.34	0.00	39.05	0.00	
(B)	Cost Items					
	1. Seed	30.29	--	2.97	--	
	2. Fertilizer	68.07	--	6.67	--	
	3. Chemical	5.83	--	0.57	--	
	4. Hail/Crop Insurance Premium	9.51	--	0.93	--	
	5. Trucking and Marketing	0.00	--	0.00	--	
	6. Fuel	18.18	--	1.78	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	5.69	--	0.56	--	
	9. Repairs - Buildings	0.68	--	0.07	--	
	10. Utilities and Miscellaneous	8.70	--	0.85	--	
	11. Custom Work	62.98	--	6.17	--	
	12. Operating Interest Paid	0.00	--	0.00	--	
	13. Paid Labour	0.00	--	0.00	--	
	14. Unpaid Labour	13.37	--	1.31	--	
	Variable Costs	223.30	0.00	21.89	0.00	
(C)	1. Cash/ Share Land Rent	52.50	--	5.15	--	
	2. Taxes, Water Rates, License & Ins.	2.63	--	0.26	--	
	3. Equipment and Building:	a) Depreciation	9.58	--	0.94	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	0.00	--	0.00	--	
	Capital Costs	64.71	0.00	6.34	0.00	
(D)	Cash Costs	265.06	--	25.98	--	
(E)	Total Production Costs	288.00	--	28.23	--	
	Gross Margin	133.28	--	13.07	--	
	Return to Unpaid Labour	123.70	--	12.13	--	
	Return to Investment	110.33	--	10.82	--	
	Return to Equity	110.33	--	10.82	--	

Investment

Buildings	15.41	--
Machinery	98.41	--
Irrigation Machinery	0.00	--
Total (incl. Land)	113.83	--

Management

Average Yield	(Tonne/acre)	10.20	--
Expected Market Price	(\$/Tonne)	38.80	--

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