

AgriProfit\$

2011

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

Black Soil Zone

Alberta 
Government



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2011 Black Soil Zone

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OVERVIEW

2011 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.

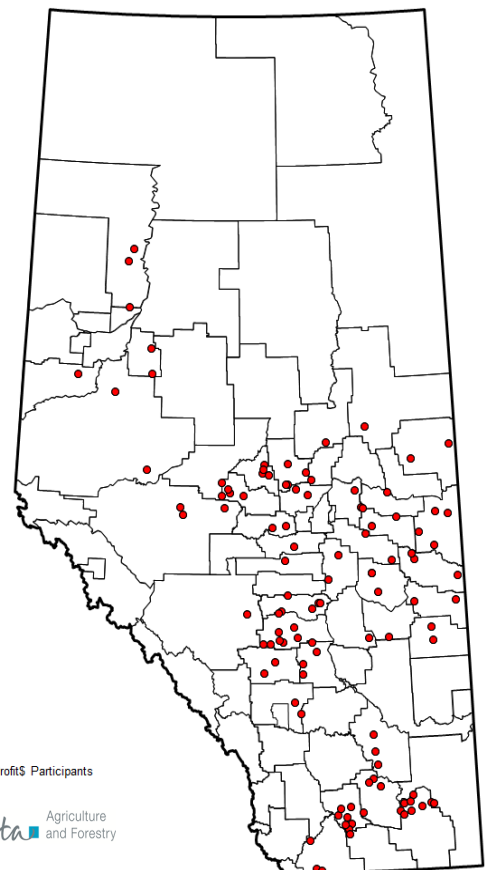
The top map shows the Black Soil Zone in Alberta; this is the grouping method used for this study. Please note that farms highlighted within these zones may contain characteristics of neighbouring soil zones. The map on the bottom shows the distribution of the 2011 participants.

Questions or Comments:

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2011 AgriProfit\$ Participants



2011 Crop Enterprise Analysis

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

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	339.54	390.43	6.69	6.90
	2. Crop Insurance Receipts	14.43	40.15	0.28	0.71
	3. Other Receipts	5.25	3.83	0.10	0.07
	Gross Receipts	359.22	434.41	7.08	7.68
(B)	Cost Items				
	1. Seed	19.36	21.15	0.38	0.37
	2. Fertilizer	49.96	42.88	0.98	0.76
	3. Chemical	28.24	26.24	0.56	0.46
	4. Hail/Crop Insurance Premium	12.39	11.90	0.24	0.21
	5. Trucking and Marketing	3.07	4.36	0.06	0.08
	6. Fuel	17.63	14.01	0.35	0.25
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	15.94	7.54	0.31	0.13
	9. Repairs - Buildings	1.91	2.84	0.04	0.05
	10. Utilities and Miscellaneous	10.69	5.56	0.21	0.10
	11. Custom Work	1.58	2.02	0.03	0.04
	12. Operating Interest Paid	2.75	0.38	0.05	0.01
	13. Paid Labour	7.04	3.39	0.14	0.06
	14. Unpaid Labour	7.73	6.78	0.15	0.12
	Variable Costs	178.29	149.06	3.51	2.63
(C)	1. Cash/ Share Land Rent	27.53	17.77	0.54	0.31
	2. Taxes, Water Rates, License & Ins.	7.55	5.50	0.15	0.10
	3. Equipment and Building: a) Depreciation	37.54	36.73	0.74	0.65
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	4.87	3.97	0.10	1.13	
	Capital Costs	77.48	63.97	1.53	2.19
(D)	Cash Costs (B+C-B14-C3a)	210.51	169.51	4.15	4.06
(E)	Total Production Costs (B+C)	255.77	213.03	5.04	4.83
	Gross Margin (A-D)	148.72	264.89	2.93	3.62
	Return to Unpaid Labour (A-E+B14)	111.18	228.16	2.19	2.97
	Return to Investment (A-E+C4)	108.33	225.35	2.13	3.98
	Return to Equity (A-E)	103.45	221.38	2.04	2.85

Investment

Buildings	110.48	77.95
Machinery	355.29	369.47
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1640.31	2564.03

Management

Average Yield (Bushel/acre)	50.74	56.57
Expected Market Price (\$/Bushel)	6.69	6.90

2011 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	342.76	369.02	6.76	6.96
	2. Crop Insurance Receipts	26.21	82.64	0.52	1.56
	3. Other Receipts	6.26	1.41	0.12	0.03
	Gross Receipts	375.23	453.07	7.40	8.54
(B)	Cost Items				
	1. Seed	17.98	19.61	0.35	0.37
	2. Fertilizer	45.24	35.73	0.89	0.67
	3. Chemical	27.23	23.97	0.54	0.45
	4. Hail/Crop Insurance Premium	14.24	11.92	0.28	0.22
	5. Trucking and Marketing	4.08	7.67	0.08	0.14
	6. Fuel	18.02	14.24	0.36	0.27
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	16.16	6.16	0.32	0.12
	9. Repairs - Buildings	2.29	3.61	0.05	0.07
	10. Utilities and Miscellaneous	11.03	4.60	0.22	0.09
	11. Custom Work	1.09	1.44	0.02	0.03
	12. Operating Interest Paid	3.07	0.11	0.06	0.00
	13. Paid Labour	5.89	0.55	0.12	0.01
	14. Unpaid Labour	6.65	6.98	0.13	0.13
	Variable Costs	172.96	136.59	3.41	2.58
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	11.55	7.15	0.23	0.13
	3. Equipment and Building: a) Depreciation	38.50	35.43	0.76	0.67
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	5.57	2.67	0.11	0.85
	Capital Costs	55.63	45.25	1.10	1.66
(D)	Cash Costs	(B+C-B14-C3a)	183.43	139.44	3.62
(E)	Total Production Costs	(B+C)	228.59	181.85	4.51
	Gross Margin	(A-D)	191.80	313.64	3.78
	Return to Unpaid Labour	(A-E+B14)	153.29	278.21	3.02
	Return to Investment	(A-E+C4)	152.21	273.90	3.00
	Return to Equity	(A-E)	146.64	271.23	2.89

Investment

Buildings	123.83	61.41
Machinery	365.08	375.40
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2799.77	4271.31

Management

Average Yield	(Bushel/acre)	50.69	53.05
Expected Market Price	(\$/Bushel)	6.76	6.96

2011 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	336.21	407.44	6.62	6.85	
	2. Crop Insurance Receipts	2.25	4.04	0.04	0.07	
	3. Other Receipts	4.21	5.68	0.08	0.10	
	Gross Receipts	342.68	417.15	6.75	7.01	
(B)	Cost Items					
	1. Seed	20.78	22.76	0.41	0.38	
	2. Fertilizer	54.83	53.25	1.08	0.89	
	3. Chemical	29.28	30.92	0.58	0.52	
	4. Hail/Crop Insurance Premium	10.48	10.34	0.21	0.17	
	5. Trucking and Marketing	2.03	1.19	0.04	0.02	
	6. Fuel	17.23	14.28	0.34	0.24	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	15.70	10.95	0.31	0.18	
	9. Repairs - Buildings	1.52	1.71	0.03	0.03	
	10. Utilities and Miscellaneous	10.34	8.14	0.20	0.14	
	11. Custom Work	2.09	2.43	0.04	0.04	
	12. Operating Interest Paid	2.42	0.51	0.05	0.01	
	13. Paid Labour	8.23	8.92	0.16	0.15	
	14. Unpaid Labour	8.84	7.89	0.17	0.13	
	Variable Costs	183.79	173.29	3.62	2.91	
(C)	1. Cash/ Share Land Rent	55.98	52.51	1.10	0.88	
	2. Taxes, Water Rates, License & Ins.	3.41	2.18	0.07	0.04	
	3. Equipment and Building: a) Depreciation	36.53	39.85	0.72	0.67	
	b) Lease Payments	0.00	0.00	0.00	0.00	
4. Paid Capital Interest	4.15	2.69	0.08	1.63		
	Capital Costs	100.07	97.23	1.97	3.22	
(D)	Cash Costs	(B+C-B14-C3a)	238.49	222.78	4.70	5.33
(E)	Total Production Costs	(B+C)	283.86	270.52	5.59	6.13
	Gross Margin	(A-D)	104.19	194.37	2.05	1.68
	Return to Unpaid Labour	(A-E+B14)	67.65	154.52	1.33	1.01
	Return to Investment	(A-E+C4)	62.96	149.33	1.24	2.51
	Return to Equity	(A-E)	58.82	146.64	1.16	0.88

Investment

Buildings	96.69	100.31
Machinery	345.18	378.45
Irrigation Machinery	0.00	0.00
Total (incl. Land)	441.87	478.77

Management

Average Yield	(Bushel/acre)	50.78	59.51
Expected Market Price	(\$/Bushel)	6.62	6.85

2011 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	363.09	397.31	5.35	5.46
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	5.03	9.36	0.07	0.13
	Gross Receipts	368.12	406.67	5.42	5.59
(B)	Cost Items				
	1. Seed	24.25	25.60	0.36	0.35
	2. Fertilizer	59.67	57.53	0.88	0.79
	3. Chemical	26.38	24.15	0.39	0.33
	4. Hail/Crop Insurance Premium	10.40	9.67	0.15	0.13
	5. Trucking and Marketing	2.18	0.48	0.03	0.01
	6. Fuel	15.28	13.09	0.23	0.18
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	14.45	14.07	0.21	0.19
	9. Repairs - Buildings	4.30	4.19	0.06	0.06
	10. Utilities and Miscellaneous	11.64	9.85	0.17	0.14
	11. Custom Work	0.74	0.00	0.01	0.00
	12. Operating Interest Paid	0.31	0.38	0.00	0.01
	13. Paid Labour	11.03	8.46	0.16	0.12
	14. Unpaid Labour	8.25	5.79	0.12	0.08
	Variable Costs	188.88	173.24	2.78	2.38
(C)	1. Cash/ Share Land Rent	27.01	13.41	0.40	0.18
	2. Taxes, Water Rates, License & Ins.	7.39	8.97	0.11	0.12
	3. Equipment and Building: a) Depreciation	47.04	42.11	0.69	0.58
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	8.29	12.94	0.12	1.06	
	Capital Costs	89.72	77.43	1.32	1.95
(D)	Cash Costs (B+C-B14-C3a)	223.32	202.77	3.29	3.67
(E)	Total Production Costs (B+C)	278.60	250.66	4.10	4.33
	Gross Margin (A-D)	144.79	203.90	2.13	1.92
	Return to Unpaid Labour (A-E+B14)	97.76	161.80	1.44	1.34
	Return to Investment (A-E+C4)	97.80	168.95	1.44	2.32
	Return to Equity (A-E)	89.51	156.01	1.32	1.26

Investment

Buildings	105.60	105.36
Machinery	448.61	388.90
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1583.78	2388.79

Management

Average Yield (Bushel/acre)	67.88	72.75
Expected Market Price (\$/Bushel)	5.35	5.46

2011 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	335.40	--	5.06	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	8.46	--	0.13	--	
	Gross Receipts	343.86	0.00	5.19	0.00	
(B)	Cost Items					
	1. Seed	27.99	--	0.42	--	
	2. Fertilizer	57.56	--	0.87	--	
	3. Chemical	22.46	--	0.34	--	
	4. Hail/Crop Insurance Premium	7.72	--	0.12	--	
	5. Trucking and Marketing	0.18	--	0.00	--	
	6. Fuel	13.22	--	0.20	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	15.95	--	0.24	--	
	9. Repairs - Buildings	5.53	--	0.08	--	
	10. Utilities and Miscellaneous	10.12	--	0.15	--	
	11. Custom Work	0.00	--	0.00	--	
	12. Operating Interest Paid	0.34	--	0.01	--	
	13. Paid Labour	8.43	--	0.13	--	
	14. Unpaid Labour	5.69	--	0.09	--	
	Variable Costs	175.18	0.00	2.64	0.00	
(C)	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	11.50	--	0.17	--	
	3. Equipment and Building:	a) Depreciation	44.51	--	0.67	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	14.73	--	0.22	--	
	Capital Costs	70.74	0.00	1.07	0.00	
(D)	Cash Costs	195.72	--	2.95	--	
(E)	Total Production Costs	245.91	--	3.71	--	
	Gross Margin	148.14	--	2.24	--	
	Return to Unpaid Labour	103.63	--	1.56	--	
	Return to Investment	112.67	--	1.70	--	
	Return to Equity	97.94	--	1.48	--	

Investment

Buildings	95.27	--
Machinery	416.61	--
Irrigation Machinery	0.00	--
Total (incl. Land)	2731.30	--

Management

Average Yield	(Bushel/acre)	66.24	--
Expected Market Price	(\$/Bushel)	5.06	--

2011 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	387.05	--	5.59	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	2.05	--	0.03	--	
	Gross Receipts	389.11	0.00	5.62	0.00	
(B)	Cost Items					
	1. Seed	21.01	--	0.30	--	
	2. Fertilizer	61.50	--	0.89	--	
	3. Chemical	29.78	--	0.43	--	
	4. Hail/Crop Insurance Premium	12.73	--	0.18	--	
	5. Trucking and Marketing	3.90	--	0.06	--	
	6. Fuel	17.07	--	0.25	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	13.16	--	0.19	--	
	9. Repairs - Buildings	3.24	--	0.05	--	
	10. Utilities and Miscellaneous	12.95	--	0.19	--	
	11. Custom Work	1.38	--	0.02	--	
	12. Operating Interest Paid	0.28	--	0.00	--	
	13. Paid Labour	13.29	--	0.19	--	
	14. Unpaid Labour	10.46	--	0.15	--	
Variable Costs	200.74	0.00	2.90	0.00		
(C)	1. Cash/ Share Land Rent	50.38	--	0.73	--	
	2. Taxes, Water Rates, License & Ins.	3.83	--	0.06	--	
	3. Equipment and Building:	a) Depreciation	49.22	--	0.71	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	2.73	--	0.04	--	
Capital Costs	106.15	0.00	1.53	0.00		
(D)	Cash Costs	(B+C-B14-C3a)	247.21	--	3.57	--
(E)	Total Production Costs	(B+C)	306.89	--	4.43	--
	Gross Margin	(A-D)	141.90	--	2.05	--
	Return to Unpaid Labour	(A-E+B14)	92.68	--	1.34	--
	Return to Investment	(A-E+C4)	84.94	--	1.23	--
	Return to Equity	(A-E)	82.21	--	1.19	--

Investment

Buildings	114.53	--
Machinery	476.30	--
Irrigation Machinery	0.00	--
Total (incl. Land)	590.83	--

Management

Average Yield	(Bushel/acre)	69.29	--
Expected Market Price	(\$/Bushel)	5.59	--

2011 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	346.16	412.67	4.95	5.43	
	2. Crop Insurance Receipts	1.03	2.92	0.01	0.04	
	3. Other Receipts	6.64	13.75	0.09	0.18	
	Gross Receipts	353.83	429.34	5.06	5.64	
(B)	Cost Items					
	1. Seed	16.15	21.50	0.23	0.28	
	2. Fertilizer	52.16	52.89	0.75	0.70	
	3. Chemical	27.09	25.89	0.39	0.34	
	4. Hail/Crop Insurance Premium	15.20	25.83	0.22	0.34	
	5. Trucking and Marketing	4.13	6.57	0.06	0.09	
	6. Fuel	18.64	20.63	0.27	0.27	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	12.95	4.50	0.19	0.06	
	9. Repairs - Buildings	3.64	1.69	0.05	0.02	
	10. Utilities and Miscellaneous	13.73	10.83	0.20	0.14	
	11. Custom Work	3.61	5.03	0.05	0.07	
	12. Operating Interest Paid	0.86	0.50	0.01	0.01	
	13. Paid Labour	7.87	4.77	0.11	0.06	
	14. Unpaid Labour	12.59	15.37	0.18	0.20	
	Variable Costs	188.63	196.00	2.70	2.58	
(C)	1. Cash/ Share Land Rent	45.14	59.51	0.65	0.78	
	2. Taxes, Water Rates, License & Ins.	5.57	1.92	0.08	0.03	
	3. Equipment and Building: a) Depreciation	42.52	29.38	0.61	0.39	
	b) Lease Payments	0.00	0.00	0.00	0.00	
4. Paid Capital Interest	4.30	2.98	0.06	1.23		
	Capital Costs	97.53	93.80	1.40	2.43	
(D)	Cash Costs	(B+C-B14-C3a)	231.05	245.04	3.31	4.42
(E)	Total Production Costs	(B+C)	286.16	289.80	4.09	5.00
	Gross Margin	(A-D)	122.78	184.29	1.76	1.23
	Return to Unpaid Labour	(A-E+B14)	80.25	154.91	1.15	0.84
	Return to Investment	(A-E+C4)	71.96	142.52	1.03	1.87
	Return to Equity	(A-E)	67.66	139.54	0.97	0.64

Investment

Buildings	82.22	71.04
Machinery	414.16	296.78
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1140.39	839.36

Management

Average Yield	(Bushel/acre)	69.90	76.07
Expected Market Price	(\$/Bushel)	4.95	5.43

2011 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	301.10	--	4.43	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	1.54	--	0.02	--	
	Gross Receipts	302.63	0.00	4.45	0.00	
(B)	Cost Items					
	1. Seed	12.98	--	0.19	--	
	2. Fertilizer	52.24	--	0.77	--	
	3. Chemical	26.50	--	0.39	--	
	4. Hail/Crop Insurance Premium	10.45	--	0.15	--	
	5. Trucking and Marketing	4.42	--	0.07	--	
	6. Fuel	18.46	--	0.27	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	15.30	--	0.23	--	
	9. Repairs - Buildings	6.46	--	0.10	--	
	10. Utilities and Miscellaneous	13.87	--	0.20	--	
	11. Custom Work	2.00	--	0.03	--	
	12. Operating Interest Paid	0.31	--	0.00	--	
	13. Paid Labour	12.49	--	0.18	--	
	14. Unpaid Labour	10.80	--	0.16	--	
Variable Costs	186.28	0.00	2.74	0.00		
(C)	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	11.27	--	0.17	--	
	3. Equipment and Building:	a) Depreciation	55.32	--	0.81	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	10.16	--	0.15	--	
Capital Costs	76.75	0.00	1.13	0.00		
(D)	Cash Costs	196.90	--	2.90	--	
(E)	Total Production Costs	263.02	--	3.87	--	
	Gross Margin	105.73	--	1.56	--	
	Return to Unpaid Labour	50.41	--	0.74	--	
	Return to Investment	49.77	--	0.73	--	
	Return to Equity	39.61	--	0.58	--	

Investment

Buildings	91.23	--
Machinery	550.43	--
Irrigation Machinery	0.00	--
Total (incl. Land)	3262.57	--

Management

Average Yield	(Bushel/acre)	67.98	--
Expected Market Price	(\$/Bushel)	4.43	--

2011 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	360.84	407.31	5.12	5.45	
	2. Crop Insurance Receipts	1.36	3.33	0.02	0.04	
	3. Other Receipts	8.30	15.07	0.12	0.20	
	Gross Receipts	370.50	425.71	5.25	5.69	
(B)	Cost Items					
	1. Seed	17.18	21.58	0.24	0.29	
	2. Fertilizer	52.14	50.75	0.74	0.68	
	3. Chemical	27.29	25.50	0.39	0.34	
	4. Hail/Crop Insurance Premium	16.75	25.20	0.24	0.34	
	5. Trucking and Marketing	4.04	5.69	0.06	0.08	
	6. Fuel	18.70	19.90	0.27	0.27	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	12.18	5.10	0.17	0.07	
	9. Repairs - Buildings	2.71	1.38	0.04	0.02	
	10. Utilities and Miscellaneous	13.68	10.08	0.19	0.13	
	11. Custom Work	4.14	4.92	0.06	0.07	
	12. Operating Interest Paid	1.04	0.44	0.01	0.01	
	13. Paid Labour	6.36	3.79	0.09	0.05	
	14. Unpaid Labour	13.18	15.23	0.19	0.20	
	Variable Costs	189.40	189.55	2.69	2.53	
(C)	1. Cash/ Share Land Rent	59.85	67.94	0.85	0.91	
	2. Taxes, Water Rates, License & Ins.	3.72	1.44	0.05	0.02	
	3. Equipment and Building:	a) Depreciation	38.35	25.46	0.54	0.34
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	2.39	2.48	0.03	1.30	
	Capital Costs	104.30	97.33	1.48	2.57	
(D)	Cash Costs	(B+C-B14-C3a)	242.17	246.19	3.43	4.56
(E)	Total Production Costs	(B+C)	293.70	286.88	4.16	5.10
	Gross Margin	(A-D)	128.33	179.52	1.82	1.13
	Return to Unpaid Labour	(A-E+B14)	89.98	154.05	1.28	0.79
	Return to Investment	(A-E+C4)	79.19	141.30	1.12	1.89
	Return to Equity	(A-E)	76.80	138.83	1.09	0.59

Investment

Buildings	79.28	64.52
Machinery	369.77	255.01
Irrigation Machinery	0.00	0.00
Total (incl. Land)	449.05	319.53

Management

Average Yield	(Bushel/acre)	70.53	74.80
Expected Market Price	(\$/Bushel)	5.12	5.45

2011 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	327.80	369.26	4.10	4.12
	2. Crop Insurance Receipts	9.79	8.16	0.12	0.09
	3. Other Receipts	12.14	9.02	0.15	0.10
Gross Receipts		349.73	386.44	4.37	4.31
(B)	Cost Items				
	1. Seed	14.13	13.29	0.18	0.15
	2. Fertilizer	47.46	36.58	0.59	0.41
	3. Chemical	24.19	24.79	0.30	0.28
	4. Hail/Crop Insurance Premium	10.45	6.34	0.13	0.07
	5. Trucking and Marketing	2.81	3.99	0.04	0.04
	6. Fuel	16.61	15.34	0.21	0.17
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	10.81	6.28	0.14	0.07
	9. Repairs - Buildings	1.84	2.17	0.02	0.02
	10. Utilities and Miscellaneous	8.46	5.41	0.11	0.06
	11. Custom Work	5.69	1.66	0.07	0.02
	12. Operating Interest Paid	2.15	0.72	0.03	0.01
	13. Paid Labour	3.95	3.04	0.05	0.03
	14. Unpaid Labour	7.92	6.11	0.10	0.07
Variable Costs		156.45	125.72	1.96	1.40
(C)	1. Cash/ Share Land Rent	18.22	2.14	0.23	0.02
	2. Taxes, Water Rates, License & Ins.	7.42	6.55	0.09	0.07
	3. Equipment and Building: a) Depreciation	34.69	40.02	0.43	0.45
	b) Lease Payments	0.14	0.00	0.00	0.00
	4. Paid Capital Interest	5.82	4.26	0.07	0.59
Capital Costs		66.28	52.98	0.83	1.14
(D)	Cash Costs (B+C-B14-C3a)	180.13	132.56	2.25	2.02
(E)	Total Production Costs (B+C)	222.74	178.70	2.78	2.54
	Gross Margin (A-D)	169.61	253.87	2.12	2.29
	Return to Unpaid Labour (A-E+B14)	134.91	213.85	1.69	1.84
	Return to Investment (A-E+C4)	132.81	212.00	1.66	2.37
	Return to Equity (A-E)	127.00	207.74	1.59	1.78

Investment

Buildings	87.51	75.12
Machinery	336.98	413.49
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1634.93	2185.82

Management

Average Yield (Bushel/acre)	80.01	89.59
Expected Market Price (\$/Bushel)	4.10	4.12

2011 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	340.49	377.92	4.07	4.13
	2. Crop Insurance Receipts	9.70	7.32	0.12	0.08
	3. Other Receipts	9.69	7.49	0.12	0.08
	Gross Receipts	359.88	392.73	4.31	4.29
(B)	Cost Items				
	1. Seed	13.87	13.54	0.17	0.15
	2. Fertilizer	41.01	33.52	0.49	0.37
	3. Chemical	23.42	25.58	0.28	0.28
	4. Hail/Crop Insurance Premium	8.67	4.75	0.10	0.05
	5. Trucking and Marketing	3.34	3.97	0.04	0.04
	6. Fuel	16.02	15.30	0.19	0.17
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	9.19	4.95	0.11	0.05
	9. Repairs - Buildings	2.00	2.05	0.02	0.02
	10. Utilities and Miscellaneous	8.10	4.07	0.10	0.04
	11. Custom Work	2.59	1.12	0.03	0.01
	12. Operating Interest Paid	2.11	0.83	0.03	0.01
	13. Paid Labour	4.07	2.27	0.05	0.02
	14. Unpaid Labour	6.95	6.31	0.08	0.07
	Variable Costs	141.33	118.26	1.69	1.29
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	8.85	6.24	0.11	0.07
	3. Equipment and Building: a) Depreciation	37.17	41.10	0.44	0.45
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	7.20	2.90	0.09	0.55	
	Capital Costs	53.22	50.23	0.64	1.07
(D)	Cash Costs (B+C-B14-C3a)	150.42	121.08	1.80	1.84
(E)	Total Production Costs (B+C)	194.55	168.49	2.33	2.36
	Gross Margin (A-D)	209.46	271.65	2.51	2.45
	Return to Unpaid Labour (A-E+B14)	172.29	230.55	2.06	2.00
	Return to Investment (A-E+C4)	172.53	227.14	2.06	2.48
	Return to Equity (A-E)	165.33	224.24	1.98	1.93

Investment

Buildings	85.80	54.80
Machinery	368.31	440.32
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2283.50	2136.36

Management

Average Yield (Bushel/acre)	83.58	91.53
Expected Market Price (\$/Bushel)	4.07	4.13

2011 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	302.99	362.98	4.15	4.14	
	2. Crop Insurance Receipts	9.97	0.00	0.14	0.00	
	3. Other Receipts	16.93	21.67	0.23	0.25	
	Gross Receipts	329.89	384.65	4.52	4.39	
(B)	Cost Items					
	1. Seed	14.65	11.87	0.20	0.14	
	2. Fertilizer	60.07	52.57	0.82	0.60	
	3. Chemical	25.69	20.03	0.35	0.23	
	4. Hail/Crop Insurance Premium	13.93	11.44	0.19	0.13	
	5. Trucking and Marketing	1.78	2.62	0.02	0.03	
	6. Fuel	17.76	17.47	0.24	0.20	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	13.99	10.28	0.19	0.12	
	9. Repairs - Buildings	1.52	1.91	0.02	0.02	
	10. Utilities and Miscellaneous	9.16	10.48	0.13	0.12	
	11. Custom Work	11.76	4.79	0.16	0.05	
	12. Operating Interest Paid	2.23	0.65	0.03	0.01	
	13. Paid Labour	3.69	5.36	0.05	0.06	
	14. Unpaid Labour	9.80	6.92	0.13	0.08	
	Variable Costs	186.03	156.39	2.55	1.78	
(C)	1. Cash/ Share Land Rent	53.84	52.67	0.74	0.60	
	2. Taxes, Water Rates, License & Ins.	4.63	4.71	0.06	0.05	
	3. Equipment and Building:	a) Depreciation	29.85	33.61	0.41	0.38
		b) Lease Payments	0.40	0.13	0.01	0.00
	4. Paid Capital Interest	3.11	3.22	0.04	1.08	
	Capital Costs	91.83	94.35	1.26	2.12	
(D)	Cash Costs	(B+C-B14-C3a)	238.21	210.20	3.26	3.44
(E)	Total Production Costs	(B+C)	277.86	250.74	3.81	3.90
	Gross Margin	(A-D)	91.67	174.45	1.26	0.95
	Return to Unpaid Labour	(A-E+B14)	61.83	140.84	0.85	0.57
	Return to Investment	(A-E+C4)	55.14	137.13	0.76	1.56
	Return to Equity	(A-E)	52.03	133.91	0.71	0.49

Investment

Buildings	90.86	128.63
Machinery	275.70	298.86
Irrigation Machinery	0.00	0.00
Total (incl. Land)	366.55	427.49

Management

Average Yield	(Bushel/acre)	73.02	87.68
Expected Market Price	(\$/Bushel)	4.15	4.14

2011 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	370.64	--	2.98	--	
	2. Crop Insurance Receipts	3.66	--	0.03	--	
	3. Other Receipts	1.47	--	0.01	--	
	Gross Receipts	375.77	0.00	3.02	0.00	
(B)	Cost Items					
	1. Seed	12.40	--	0.10	--	
	2. Fertilizer	56.56	--	0.45	--	
	3. Chemical	8.91	--	0.07	--	
	4. Hail/Crop Insurance Premium	4.32	--	0.03	--	
	5. Trucking and Marketing	2.30	--	0.02	--	
	6. Fuel	14.07	--	0.11	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	16.08	--	0.13	--	
	9. Repairs - Buildings	1.29	--	0.01	--	
	10. Utilities and Miscellaneous	15.51	--	0.12	--	
	11. Custom Work	10.16	--	0.08	--	
	12. Operating Interest Paid	2.55	--	0.02	--	
	13. Paid Labour	12.66	--	0.10	--	
	14. Unpaid Labour	8.96	--	0.07	--	
Variable Costs	165.78	0.00	1.33	0.00		
(C)	1. Cash/ Share Land Rent	5.45	--	0.04	--	
	2. Taxes, Water Rates, License & Ins.	3.70	--	0.03	--	
	3. Equipment and Building:	a) Depreciation	42.46	--	0.34	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	0.36	--	0.00	--	
Capital Costs	51.96	0.00	0.42	0.00		
(D)	Cash Costs	(B+C-B14-C3a)	166.32	--	1.34	
(E)	Total Production Costs	(B+C)	217.74	--	1.75	
	Gross Margin	(A-D)	209.45	--	1.68	
	Return to Unpaid Labour	(A-E+B14)	166.99	--	1.34	
	Return to Investment	(A-E+C4)	158.38	--	1.27	
	Return to Equity	(A-E)	158.03	--	1.27	

Investment

Buildings	151.29	--
Machinery	379.23	--
Irrigation Machinery	0.00	--
Total (incl. Land)	533.52	--

Management

Average Yield	(Bushel/acre)	124.56	--
Expected Market Price	(\$/Bushel)	2.98	--

2011 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	590.57	705.35	11.62	12.05
	2. Crop Insurance Receipts	2.52	0.00	0.05	0.00
	3. Other Receipts	0.08	0.00	0.00	0.00
	Gross Receipts	593.17	705.35	11.67	12.05
(B)	Cost Items				
	1. Seed	39.24	39.91	0.77	0.68
	2. Fertilizer	62.32	70.23	1.23	1.20
	3. Chemical	26.42	30.51	0.52	0.52
	4. Hail/Crop Insurance Premium	26.93	25.99	0.53	0.44
	5. Trucking and Marketing	2.20	3.03	0.04	0.05
	6. Fuel	16.98	15.66	0.33	0.27
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	14.55	14.51	0.29	0.25
	9. Repairs - Buildings	1.89	1.80	0.04	0.03
	10. Utilities and Miscellaneous	9.27	10.22	0.18	0.17
	11. Custom Work	1.68	1.49	0.03	0.03
	12. Operating Interest Paid	3.06	0.65	0.06	0.01
	13. Paid Labour	8.05	8.40	0.16	0.14
	14. Unpaid Labour	7.62	8.84	0.15	0.15
	Variable Costs	220.21	231.25	4.33	3.95
(C)	1. Cash/ Share Land Rent	18.47	11.59	0.36	0.20
	2. Taxes, Water Rates, License & Ins.	8.59	6.79	0.17	0.12
	3. Equipment and Building: a) Depreciation	36.03	45.87	0.71	0.78
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	10.66	15.75	0.21	1.37	
	Capital Costs	73.75	80.01	1.45	2.46
(D)	Cash Costs (B+C-B14-C3a)	250.32	256.54	4.93	5.48
(E)	Total Production Costs (B+C)	293.97	311.26	5.78	6.41
	Gross Margin (A-D)	342.85	448.81	6.75	6.57
	Return to Unpaid Labour (A-E+B14)	306.82	402.94	6.04	5.78
	Return to Investment (A-E+C4)	309.86	409.85	6.10	7.00
	Return to Equity (A-E)	299.20	394.10	5.89	5.63

Investment

Buildings	105.46	149.44
Machinery	335.91	417.12
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1732.49	2693.65

Management

Average Yield (Bushel/acre)	50.82	58.55
Expected Market Price (\$/Bushel)	11.62	12.05

2011 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	609.43	714.03	11.49	12.11
	2. Crop Insurance Receipts	1.57	0.00	0.03	0.00
	3. Other Receipts	0.08	0.00	0.00	0.00
	Gross Receipts	611.08	714.03	11.52	12.11
(B)	Cost Items				
	1. Seed	38.75	38.69	0.73	0.66
	2. Fertilizer	64.03	64.16	1.21	1.09
	3. Chemical	25.45	33.19	0.48	0.56
	4. Hail/Crop Insurance Premium	30.00	27.34	0.57	0.46
	5. Trucking and Marketing	2.91	3.52	0.05	0.06
	6. Fuel	17.58	14.86	0.33	0.25
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	15.68	10.56	0.30	0.18
	9. Repairs - Buildings	2.01	1.98	0.04	0.03
	10. Utilities and Miscellaneous	11.41	8.00	0.22	0.14
	11. Custom Work	0.80	1.44	0.02	0.02
	12. Operating Interest Paid	3.72	0.38	0.07	0.01
	13. Paid Labour	9.71	6.39	0.18	0.11
	14. Unpaid Labour	6.53	7.26	0.12	0.12
	Variable Costs	228.59	217.77	4.31	3.69
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	12.22	8.55	0.23	0.15
	3. Equipment and Building: a) Depreciation	35.52	40.24	0.67	0.68
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	14.35	25.29	0.27	1.26
	Capital Costs	62.09	74.07	1.17	2.08
(D)	Cash Costs	248.63	244.34	4.69	4.97
(E)	Total Production Costs	290.68	291.84	5.48	5.78
	Gross Margin	362.45	469.68	6.83	7.14
	Return to Unpaid Labour	326.93	429.45	6.16	6.46
	Return to Investment	334.75	447.47	6.31	7.59
	Return to Equity	320.40	422.18	6.04	6.33

Investment

Buildings	116.64	128.83
Machinery	325.42	366.63
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2526.85	3086.04

Management

Average Yield	(Bushel/acre)	53.04	58.94
Expected Market Price	(\$/Bushel)	11.49	12.11

2011 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	559.90	656.81	11.86	11.73
	2. Crop Insurance Receipts	4.05	0.00	0.09	0.00
	3. Other Receipts	0.07	0.00	0.00	0.00
Gross Receipts		564.02	656.81	11.94	11.73
(B)	Cost Items				
	1. Seed	40.03	43.38	0.85	0.77
	2. Fertilizer	59.55	66.97	1.26	1.20
	3. Chemical	28.01	26.76	0.59	0.48
	4. Hail/Crop Insurance Premium	21.93	21.94	0.46	0.39
	5. Trucking and Marketing	1.05	0.55	0.02	0.01
	6. Fuel	15.99	18.19	0.34	0.32
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	12.72	19.52	0.27	0.35
	9. Repairs - Buildings	1.69	1.39	0.04	0.02
	10. Utilities and Miscellaneous	5.80	6.24	0.12	0.11
	11. Custom Work	3.10	6.76	0.07	0.12
	12. Operating Interest Paid	1.99	3.39	0.04	0.06
	13. Paid Labour	5.35	5.38	0.11	0.10
	14. Unpaid Labour	9.38	13.00	0.20	0.23
Variable Costs		206.60	233.45	4.38	4.17
(C)	1. Cash/ Share Land Rent	48.52	48.00	1.03	0.86
	2. Taxes, Water Rates, License & Ins.	2.70	2.37	0.06	0.04
	3. Equipment and Building: a) Depreciation	36.86	32.57	0.78	0.58
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	4.64	4.58	0.10	1.56
Capital Costs		92.72	87.52	1.96	3.05
(D)	Cash Costs (B+C-B14-C3a)	253.07	275.41	5.36	6.40
(E)	Total Production Costs (B+C)	299.31	320.97	6.34	7.22
	Gross Margin (A-D)	310.96	381.40	6.59	5.33
	Return to Unpaid Labour (A-E+B14)	274.09	348.83	5.80	4.75
	Return to Investment (A-E+C4)	269.35	340.42	5.70	6.08
	Return to Equity (A-E)	264.71	335.83	5.61	4.52

Investment

Buildings	87.27	80.64
Machinery	352.98	307.38
Irrigation Machinery	0.00	0.00
Total (incl. Land)	440.25	388.01

Management

Average Yield (Bushel/acre)	47.22	55.97
Expected Market Price (\$/Bushel)	11.86	11.73

2011 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	474.20	558.12	11.78	12.15
	2. Crop Insurance Receipts	34.95	22.01	0.87	0.48
	3. Other Receipts	1.26	0.00	0.03	0.00
	Gross Receipts	510.41	580.13	12.68	12.63
(B)	Cost Items				
	1. Seed	33.96	33.74	0.84	0.73
	2. Fertilizer	70.10	69.89	1.74	1.52
	3. Chemical	27.89	31.64	0.69	0.69
	4. Hail/Crop Insurance Premium	21.20	18.31	0.53	0.40
	5. Trucking and Marketing	1.36	0.22	0.03	0.00
	6. Fuel	19.14	16.81	0.48	0.37
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	13.52	15.65	0.34	0.34
	9. Repairs - Buildings	1.72	1.76	0.04	0.04
	10. Utilities and Miscellaneous	10.13	8.63	0.25	0.19
	11. Custom Work	7.00	5.36	0.17	0.12
	12. Operating Interest Paid	1.30	1.01	0.03	0.02
	13. Paid Labour	5.81	6.41	0.14	0.14
	14. Unpaid Labour	10.42	8.50	0.26	0.19
	Variable Costs	223.54	217.95	5.55	4.75
(C)	1. Cash/ Share Land Rent	29.02	20.25	0.72	0.44
	2. Taxes, Water Rates, License & Ins.	6.49	7.69	0.16	0.17
	3. Equipment and Building: a) Depreciation	33.58	30.20	0.83	0.66
	b) Lease Payments	0.16	0.00	0.00	0.00
4. Paid Capital Interest	5.18	7.10	0.13	1.42	
	Capital Costs	74.42	65.24	1.85	2.69
(D)	Cash Costs (B+C-B14-C3a)	253.97	244.49	6.31	6.59
(E)	Total Production Costs (B+C)	297.96	283.19	7.40	7.43
	Gross Margin (A-D)	256.44	335.64	6.37	6.04
	Return to Unpaid Labour (A-E+B14)	222.86	305.44	5.54	5.39
	Return to Investment (A-E+C4)	217.62	304.04	5.41	6.62
	Return to Equity (A-E)	212.44	296.94	5.28	5.20

Investment

Buildings	90.87	110.58
Machinery	319.83	271.20
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1250.34	1766.06

Management

Average Yield (Bushel/acre)	40.25	45.92
Expected Market Price (\$/Bushel)	11.78	12.15

2011 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	466.32	523.79	11.70	11.83	
	2. Crop Insurance Receipts	21.97	26.68	0.55	0.60	
	3. Other Receipts	0.80	0.00	0.02	0.00	
	Gross Receipts	489.08	550.47	12.27	12.44	
(B)	Cost Items					
	1. Seed	34.03	33.08	0.85	0.75	
	2. Fertilizer	60.06	58.55	1.51	1.32	
	3. Chemical	26.47	28.83	0.66	0.65	
	4. Hail/Crop Insurance Premium	18.01	10.96	0.45	0.25	
	5. Trucking and Marketing	0.93	0.14	0.02	0.00	
	6. Fuel	18.03	15.50	0.45	0.35	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	12.81	18.38	0.32	0.42	
	9. Repairs - Buildings	1.47	1.84	0.04	0.04	
	10. Utilities and Miscellaneous	9.77	7.70	0.25	0.17	
	11. Custom Work	6.21	0.00	0.16	0.00	
	12. Operating Interest Paid	1.29	1.29	0.03	0.03	
	13. Paid Labour	5.92	5.60	0.15	0.13	
	14. Unpaid Labour	11.23	8.92	0.28	0.20	
	Variable Costs	206.22	190.78	5.17	4.31	
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00	
	2. Taxes, Water Rates, License & Ins.	8.95	8.40	0.22	0.19	
	3. Equipment and Building:	a) Depreciation	35.52	28.89	0.89	0.65
		b) Lease Payments	0.06	0.00	0.00	0.00
	4. Paid Capital Interest	9.02	7.18	0.23	1.00	
	Capital Costs	53.54	44.48	1.34	1.85	
(D)	Cash Costs	213.01	197.45	5.34	5.30	
(E)	Total Production Costs	259.76	235.26	6.52	6.16	
	Gross Margin	276.07	353.01	6.93	7.13	
	Return to Unpaid Labour	240.55	324.12	6.03	6.48	
	Return to Investment	238.34	322.39	5.98	7.28	
	Return to Equity	229.32	315.20	5.75	6.28	

Investment

Buildings	97.76	90.34
Machinery	335.21	267.43
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2350.67	2260.68

Management

Average Yield	(Bushel/acre)	39.87	44.26
Expected Market Price	(\$/Bushel)	11.70	11.83

2011 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	480.33	563.96	11.84	12.21	
	2. Crop Insurance Receipts	45.06	35.05	1.11	0.76	
	3. Other Receipts	1.62	0.00	0.04	0.00	
	Gross Receipts	527.01	599.02	12.99	12.97	
(B)	Cost Items					
	1. Seed	33.90	33.47	0.84	0.72	
	2. Fertilizer	77.92	74.99	1.92	1.62	
	3. Chemical	29.00	39.24	0.72	0.85	
	4. Hail/Crop Insurance Premium	23.69	20.97	0.58	0.45	
	5. Trucking and Marketing	1.69	0.35	0.04	0.01	
	6. Fuel	20.00	20.29	0.49	0.44	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	14.08	14.97	0.35	0.32	
	9. Repairs - Buildings	1.91	1.95	0.05	0.04	
	10. Utilities and Miscellaneous	10.41	9.96	0.26	0.22	
	11. Custom Work	7.61	2.14	0.19	0.05	
	12. Operating Interest Paid	1.31	0.78	0.03	0.02	
	13. Paid Labour	5.73	6.86	0.14	0.15	
	14. Unpaid Labour	9.78	11.04	0.24	0.24	
	Variable Costs	237.04	236.99	5.84	5.13	
(C)	1. Cash/ Share Land Rent	51.61	57.64	1.27	1.25	
	2. Taxes, Water Rates, License & Ins.	4.57	4.12	0.11	0.09	
	3. Equipment and Building:	a) Depreciation	32.06	28.86	0.79	0.62
		b) Lease Payments	0.24	0.00	0.01	0.00
	4. Paid Capital Interest	2.19	2.13	0.05	2.01	
	Capital Costs	90.68	92.74	2.24	3.97	
(D)	Cash Costs	(B+C-B14-C3a)	285.87	289.84	7.05	8.24
(E)	Total Production Costs	(B+C)	327.72	329.73	8.08	9.10
	Gross Margin	(A-D)	241.15	309.18	5.95	4.73
	Return to Unpaid Labour	(A-E+B14)	209.08	280.32	5.16	4.11
	Return to Investment	(A-E+C4)	201.48	271.41	4.97	5.88
	Return to Equity	(A-E)	199.30	269.28	4.91	3.87

Investment

Buildings	85.50	97.38
Machinery	307.86	265.76
Irrigation Machinery	0.00	0.00
Total (incl. Land)	393.36	363.14

Management

Average Yield	(Bushel/acre)	40.56	46.20
Expected Market Price	(\$/Bushel)	11.84	12.21

2011 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	276.96	292.42	8.22	7.42	
	2. Crop Insurance Receipts	70.52	164.56	2.09	4.17	
	3. Other Receipts	2.72	7.38	0.08	0.19	
	Gross Receipts	350.20	464.35	10.40	11.78	
(B)	Cost Items					
	1. Seed	36.84	46.44	1.09	1.18	
	2. Fertilizer	13.12	21.52	0.39	0.55	
	3. Chemical	47.90	55.50	1.42	1.41	
	4. Hail/Crop Insurance Premium	12.67	21.43	0.38	0.54	
	5. Trucking and Marketing	2.47	3.99	0.07	0.10	
	6. Fuel	23.91	28.42	0.71	0.72	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	17.70	10.23	0.53	0.26	
	9. Repairs - Buildings	4.27	3.19	0.13	0.08	
	10. Utilities and Miscellaneous	15.07	12.74	0.45	0.32	
	11. Custom Work	8.05	9.77	0.24	0.25	
	12. Operating Interest Paid	1.48	1.53	0.04	0.04	
	13. Paid Labour	10.08	9.18	0.30	0.23	
	14. Unpaid Labour	12.25	17.96	0.36	0.46	
	Variable Costs	205.79	241.91	6.11	6.14	
(C)	1. Cash/ Share Land Rent	31.49	31.64	0.93	0.80	
	2. Taxes, Water Rates, License & Ins.	8.32	5.36	0.25	0.14	
	3. Equipment and Building:	a) Depreciation	48.51	37.45	1.44	0.95
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	4.05	3.71	0.12	1.98	
	Capital Costs	92.37	78.16	2.74	3.87	
(D)	Cash Costs	(B+C-B14-C3a)	237.39	264.65	7.05	8.60
(E)	Total Production Costs	(B+C)	298.16	320.07	8.85	10.01
	Gross Margin	(A-D)	112.80	199.71	3.35	3.18
	Return to Unpaid Labour	(A-E+B14)	64.29	162.25	1.91	2.23
	Return to Investment	(A-E+C4)	56.09	148.00	1.67	3.75
	Return to Equity	(A-E)	52.04	144.29	1.55	1.77

Investment

Buildings	100.09	96.03
Machinery	466.00	365.57
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1751.10	1644.83

Management

Average Yield	(Bushel/acre)	33.68	39.42
Expected Market Price	(\$/Bushel)	8.22	7.42

2011 Crop Enterprise Analysis

AgriProfit\$

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
(A)	1. Crop Sales	289.99	--	8.98	--	
	2. Crop Insurance Receipts	20.96	--	0.65	--	
	3. Other Receipts	1.08	--	0.03	--	
	Gross Receipts	312.02	0.00	9.66	0.00	
(B)	Cost Items					
	1. Seed	35.79	--	1.11	--	
	2. Fertilizer	3.01	--	0.09	--	
	3. Chemical	42.68	--	1.32	--	
	4. Hail/Crop Insurance Premium	19.58	--	0.61	--	
	5. Trucking and Marketing	5.20	--	0.16	--	
	6. Fuel	25.85	--	0.80	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	16.12	--	0.50	--	
	9. Repairs - Buildings	2.94	--	0.09	--	
	10. Utilities and Miscellaneous	18.47	--	0.57	--	
	11. Custom Work	6.19	--	0.19	--	
	12. Operating Interest Paid	2.14	--	0.07	--	
	13. Paid Labour	9.55	--	0.30	--	
	14. Unpaid Labour	11.34	--	0.35	--	
Variable Costs	198.87	0.00	6.16	0.00		
(C)	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	9.66	--	0.30	--	
	3. Equipment and Building:	a) Depreciation	55.77	--	1.73	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	5.68	--	0.18	--	
Capital Costs	71.12	0.00	2.20	0.00		
(D)	Cash Costs	202.88	--	6.28	--	
(E)	Total Production Costs	269.98	--	8.36	--	
	Gross Margin	109.14	--	3.38	--	
	Return to Unpaid Labour	53.38	--	1.65	--	
	Return to Investment	47.72	--	1.48	--	
	Return to Equity	42.04	--	1.30	--	

Investment

Buildings	120.22	--
Machinery	538.31	--
Irrigation Machinery	0.00	--
Total (incl. Land)	3155.13	--

Management

Average Yield	(Bushel/acre)	32.29	--
Expected Market Price	(\$/Bushel)	8.98	--

2011 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	265.18	--	7.59	--	
	2. Crop Insurance Receipts	115.31	--	3.30	--	
	3. Other Receipts	4.20	--	0.12	--	
	Gross Receipts	384.68	0.00	11.01	0.00	
(B)	Cost Items					
	1. Seed	37.78	--	1.08	--	
	2. Fertilizer	22.26	--	0.64	--	
	3. Chemical	52.60	--	1.51	--	
	4. Hail/Crop Insurance Premium	6.42	--	0.18	--	
	5. Trucking and Marketing	0.00	--	0.00	--	
	6. Fuel	22.15	--	0.63	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	19.13	--	0.55	--	
	9. Repairs - Buildings	5.47	--	0.16	--	
	10. Utilities and Miscellaneous	11.99	--	0.34	--	
	11. Custom Work	9.74	--	0.28	--	
	12. Operating Interest Paid	0.88	--	0.03	--	
	13. Paid Labour	10.55	--	0.30	--	
	14. Unpaid Labour	13.08	--	0.37	--	
Variable Costs	212.04	0.00	6.07	0.00		
(C)	1. Cash/ Share Land Rent	59.93	--	1.72	--	
	2. Taxes, Water Rates, License & Ins.	7.11	--	0.20	--	
	3. Equipment and Building:	a) Depreciation	41.95	--	1.20	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	2.57	--	0.07	--	
Capital Costs	111.57	0.00	3.19	0.00		
(D)	Cash Costs	268.58	--	7.69	--	
(E)	Total Production Costs	323.61	--	9.26	--	
	Gross Margin	116.11	--	3.32	--	
	Return to Unpaid Labour	74.16	--	2.12	--	
	Return to Investment	63.65	--	1.82	--	
	Return to Equity	61.08	--	1.75	--	

Investment

Buildings	81.91	--
Machinery	400.66	--
Irrigation Machinery	0.00	--
Total (incl. Land)	482.57	--

Management

Average Yield	(Bushel/acre)	34.94	--
Expected Market Price	(\$/Bushel)	7.59	--

2011 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	152.12	241.04	75.93	95.66	
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00	
	3. Other Receipts	8.14	12.52	4.06	4.97	
	Gross Receipts	160.26	253.56	79.99	100.63	
(B)	Cost Items					
	1. Seed	0.00	0.00	0.00	0.00	
	2. Fertilizer	9.87	20.01	4.93	7.94	
	3. Chemical	0.00	0.00	0.00	0.00	
	4. Hail/Crop Insurance Premium	2.10	0.69	1.05	0.27	
	5. Trucking and Marketing	0.00	0.00	0.00	0.00	
	6. Fuel	12.26	10.88	6.12	4.32	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	7.69	5.65	3.84	2.24	
	9. Repairs - Buildings	1.47	1.60	0.73	0.63	
	10. Utilities and Miscellaneous	8.43	8.65	4.21	3.43	
	11. Custom Work	1.77	4.60	0.88	1.82	
	12. Operating Interest Paid	1.57	0.37	0.78	0.15	
	13. Paid Labour	3.84	4.43	1.92	1.76	
	14. Unpaid Labour	9.88	10.22	4.93	4.06	
	Variable Costs	58.87	67.10	29.38	26.63	
(C)	1. Cash/ Share Land Rent	16.84	30.32	8.40	12.03	
	2. Taxes, Water Rates, License & Ins.	6.44	5.50	3.21	2.18	
	3. Equipment and Building:	a) Depreciation	27.89	22.43	13.92	8.90
		b) Lease Payments	0.04	0.00	0.02	0.00
	4. Paid Capital Interest	10.22	9.68	5.10	26.96	
	Capital Costs	61.43	67.93	30.66	50.07	
(D)	Cash Costs					
		(B+C-B14-C3a)	82.53	102.37	41.19	63.74
(E)	Total Production Costs					
		(B+C)	120.30	135.02	60.04	76.70
	Gross Margin					
		(A-D)	77.73	151.19	38.80	36.89
	Return to Unpaid Labour					
		(A-E+B14)	49.84	128.76	24.88	27.98
	Return to Investment					
		(A-E+C4)	50.18	128.22	25.05	50.88
	Return to Equity					
		(A-E)	39.96	118.54	19.94	23.93

Investment

Buildings	86.08	96.55
Machinery	244.61	187.94
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1603.11	1549.81

Management

Average Yield	(Tonne/acre)	2.00	2.52
Expected Market Price	(\$/Tonne)	75.93	95.66

2011 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	140.16	205.96	71.70	86.77	
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00	
	3. Other Receipts	10.41	26.32	5.33	11.09	
	Gross Receipts	150.57	232.28	77.03	97.86	
(B)	Cost Items					
	1. Seed	0.00	0.00	0.00	0.00	
	2. Fertilizer	10.53	16.13	5.39	6.80	
	3. Chemical	0.00	0.00	0.00	0.00	
	4. Hail/Crop Insurance Premium	2.35	1.10	1.20	0.46	
	5. Trucking and Marketing	0.00	0.00	0.00	0.00	
	6. Fuel	13.64	14.83	6.98	6.25	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	8.52	6.94	4.36	2.92	
	9. Repairs - Buildings	1.31	0.89	0.67	0.37	
	10. Utilities and Miscellaneous	8.90	11.40	4.55	4.80	
	11. Custom Work	2.63	7.31	1.34	3.08	
	12. Operating Interest Paid	1.27	0.53	0.65	0.22	
	13. Paid Labour	5.16	5.59	2.64	2.35	
	14. Unpaid Labour	8.67	7.52	4.44	3.17	
	Variable Costs	62.98	72.23	32.22	30.43	
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00	
	2. Taxes, Water Rates, License & Ins.	8.12	10.76	4.15	4.53	
	3. Equipment and Building:	a) Depreciation	29.26	21.95	14.97	9.25
		b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	14.86	23.61	7.60	23.73	
	Capital Costs	52.24	56.32	26.72	37.51	
(D)	Cash Costs	77.28	99.08	39.54	55.52	
(E)	Total Production Costs	115.22	128.55	58.94	67.94	
	Gross Margin	73.29	133.20	37.49	42.34	
	Return to Unpaid Labour	44.02	111.25	22.52	33.09	
	Return to Investment	50.22	127.34	25.69	53.65	
	Return to Equity	35.35	103.73	18.09	29.92	

Investment

Buildings	86.95	99.20
Machinery	256.93	176.60
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2320.02	2770.81

Management

Average Yield	(Tonne/acre)	1.95	2.37
Expected Market Price	(\$/Tonne)	71.70	86.77

2011 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	173.29	277.03	82.92	124.04
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	4.20	15.38	2.01	6.89
Gross Receipts		177.49	292.41	84.93	130.93
(B)	Cost Items				
	1. Seed	0.00	0.00	0.00	0.00
	2. Fertilizer	8.83	16.48	4.23	7.38
	3. Chemical	0.00	0.00	0.00	0.00
	4. Hail/Crop Insurance Premium	1.68	0.00	0.80	0.00
	5. Trucking and Marketing	0.00	0.00	0.00	0.00
	6. Fuel	9.58	12.39	4.58	5.55
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	6.16	2.02	2.95	0.90
	9. Repairs - Buildings	1.77	2.23	0.85	1.00
	10. Utilities and Miscellaneous	7.44	8.12	3.56	3.64
	11. Custom Work	0.28	0.00	0.13	0.00
	12. Operating Interest Paid	2.10	0.30	1.01	0.13
	13. Paid Labour	1.49	4.16	0.71	1.86
	14. Unpaid Labour	12.06	12.04	5.77	5.39
Variable Costs		51.38	57.75	24.58	25.86
(C)	1. Cash/ Share Land Rent	46.97	45.95	22.47	20.57
	2. Taxes, Water Rates, License & Ins.	3.41	2.35	1.63	1.05
	3. Equipment and Building: a) Depreciation	25.44	26.64	12.17	11.93
	b) Lease Payments	0.11	0.00	0.05	0.00
	4. Paid Capital Interest	2.10	3.97	1.00	35.33
Capital Costs		78.03	78.91	37.34	68.88
(D)	Cash Costs (B+C-B14-C3a)	91.91	97.98	43.98	77.43
(E)	Total Production Costs (B+C)	129.41	136.65	61.92	94.74
	Gross Margin (A-D)	85.58	194.43	40.95	53.51
	Return to Unpaid Labour (A-E+B14)	60.15	167.80	28.78	41.58
	Return to Investment (A-E+C4)	50.18	159.73	24.01	71.52
	Return to Equity (A-E)	48.08	155.76	23.01	36.19

Investment

Buildings	84.18	125.83
Machinery	222.78	220.79
Irrigation Machinery	0.00	0.00
Total (incl. Land)	306.96	346.62

Management

Average Yield (Tonne/acre)	2.09	2.23
Expected Market Price (\$/Tonne)	82.92	124.04

2011 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	157.41	--	53.16	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	157.41	0.00	53.16	0.00	
(B)	Cost Items					
	1. Seed	16.01	--	5.41	--	
	2. Fertilizer	44.32	--	14.97	--	
	3. Chemical	9.59	--	3.24	--	
	4. Hail/Crop Insurance Premium	7.71	--	2.60	--	
	5. Trucking and Marketing	0.00	--	0.00	--	
	6. Fuel	20.48	--	6.92	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	7.11	--	2.40	--	
	9. Repairs - Buildings	0.12	--	0.04	--	
	10. Utilities and Miscellaneous	7.34	--	2.48	--	
	11. Custom Work	16.97	--	5.73	--	
	12. Operating Interest Paid	3.77	--	1.27	--	
	13. Paid Labour	0.21	--	0.07	--	
	14. Unpaid Labour	8.42	--	2.84	--	
	Variable Costs	142.06	0.00	47.98	0.00	
(C)	1. Cash/ Share Land Rent	24.54	--	8.29	--	
	2. Taxes, Water Rates, License & Ins.	5.04	--	1.70	--	
	3. Equipment and Building:	a) Depreciation	27.12	--	9.16	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	6.27	--	2.12	--	
	Capital Costs	62.97	0.00	21.27	0.00	
(D)	Cash Costs	169.49	--	57.24	--	
(E)	Total Production Costs	205.03	--	69.25	--	
	Gross Margin	(12.08)	--	(4.08)	--	
	Return to Unpaid Labour	(39.21)	--	(13.24)	--	
	Return to Investment	(41.36)	--	(13.97)	--	
	Return to Equity	(47.62)	--	(16.08)	--	

Investment

Buildings	116.24	--
Machinery	229.37	--
Irrigation Machinery	0.00	--
Total (incl. Land)	1396.34	--

Management

Average Yield	(Tonne/acre)	2.96	--
Expected Market Price	(\$/Tonne)	53.16	--

2011 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	177.76	--	62.05	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	0.00	--	0.00	--	
	Gross Receipts	177.76	0.00	62.05	0.00	
(B)	Cost Items					
	1. Seed	16.58	--	5.79	--	
	2. Fertilizer	49.67	--	17.34	--	
	3. Chemical	8.00	--	2.79	--	
	4. Hail/Crop Insurance Premium	9.34	--	3.26	--	
	5. Trucking and Marketing	0.00	--	0.00	--	
	6. Fuel	16.27	--	5.68	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	5.85	--	2.04	--	
	9. Repairs - Buildings	0.12	--	0.04	--	
	10. Utilities and Miscellaneous	6.68	--	2.33	--	
	11. Custom Work	23.17	--	8.09	--	
	12. Operating Interest Paid	2.02	--	0.70	--	
	13. Paid Labour	0.43	--	0.15	--	
	14. Unpaid Labour	7.71	--	2.69	--	
	Variable Costs	145.83	0.00	50.90	0.00	
(C)	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	5.49	--	1.91	--	
	3. Equipment and Building:	a) Depreciation	26.35	--	9.20	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	13.59	--	4.74	--	
	Capital Costs	45.43	0.00	15.86	0.00	
(D)	Cash Costs	157.20	--	54.87	--	
(E)	Total Production Costs	191.26	--	66.76	--	
	Gross Margin	20.56	--	7.18	--	
	Return to Unpaid Labour	(5.79)	--	(2.02)	--	
	Return to Investment	0.09	--	0.03	--	
	Return to Equity	(13.50)	--	(4.71)	--	

Investment

Buildings	115.19	--
Machinery	226.81	--
Irrigation Machinery	0.00	--
Total (incl. Land)	2758.67	--

Management

Average Yield	(Tonne/acre)	2.86	--
Expected Market Price	(\$/Tonne)	62.05	--

2011 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	333.54	424.32	41.61	43.06
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	3.52	7.27	0.44	0.74
	Gross Receipts	337.05	431.59	42.05	43.80
(B)	Cost Items				
	1. Seed	12.22	13.47	1.52	1.37
	2. Fertilizer	45.32	38.21	5.65	3.88
	3. Chemical	15.89	18.13	1.98	1.84
	4. Hail/Crop Insurance Premium	7.74	4.95	0.97	0.50
	5. Trucking and Marketing	0.01	0.00	0.00	0.00
	6. Fuel	24.98	22.87	3.12	2.32
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	8.36	4.16	1.04	0.42
	9. Repairs - Buildings	2.04	0.79	0.25	0.08
	10. Utilities and Miscellaneous	7.35	6.22	0.92	0.63
	11. Custom Work	24.64	38.73	3.07	3.93
	12. Operating Interest Paid	1.62	2.18	0.20	0.22
	13. Paid Labour	8.50	0.00	1.06	0.00
	14. Unpaid Labour	13.58	11.18	1.69	1.13
	Variable Costs	172.25	160.88	21.49	16.33
(C)	1. Cash/ Share Land Rent	12.06	10.81	1.50	1.10
	2. Taxes, Water Rates, License & Ins.	5.27	4.96	0.66	0.50
	3. Equipment and Building: a) Depreciation	32.79	14.11	4.09	1.43
	b) Lease Payments	0.08	0.00	0.01	0.00
4. Paid Capital Interest	3.43	5.21	0.43	3.56	
	Capital Costs	53.63	35.09	6.69	6.59
(D)	Cash Costs (B+C-B14-C3a)	179.50	170.68	22.39	20.35
(E)	Total Production Costs (B+C)	225.87	195.97	28.18	22.92
	Gross Margin (A-D)	157.55	260.91	19.66	23.45
	Return to Unpaid Labour (A-E+B14)	124.76	246.79	15.56	22.01
	Return to Investment (A-E+C4)	114.61	240.82	14.30	24.44
	Return to Equity (A-E)	111.18	235.61	13.87	20.88

Investment

Buildings	50.99	40.17
Machinery	318.16	121.12
Irrigation Machinery	0.00	0.00
Total (incl. Land)	1689.16	1595.39

Management

Average Yield (Tonne/acre)	8.02	9.85
Expected Market Price (\$/Tonne)	41.61	43.06

2011 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	309.32	400.46	39.51	41.18
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	3.89	8.20	0.50	0.84
Gross Receipts		313.22	408.66	40.01	42.03
(B)	Cost Items				
	1. Seed	11.22	12.69	1.43	1.30
	2. Fertilizer	40.81	36.15	5.21	3.72
	3. Chemical	15.81	20.18	2.02	2.08
	4. Hail/Crop Insurance Premium	8.16	4.14	1.04	0.43
	5. Trucking and Marketing	0.01	0.00	0.00	0.00
	6. Fuel	26.35	23.89	3.37	2.46
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	8.84	3.85	1.13	0.40
	9. Repairs - Buildings	2.39	0.88	0.31	0.09
	10. Utilities and Miscellaneous	6.61	5.27	0.84	0.54
	11. Custom Work	17.00	33.41	2.17	3.44
	12. Operating Interest Paid	1.93	2.66	0.25	0.27
	13. Paid Labour	10.97	0.00	1.40	0.00
	14. Unpaid Labour	14.60	11.45	1.87	1.18
Variable Costs		164.69	154.58	21.04	15.90
(C)	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	5.84	5.55	0.75	0.57
	3. Equipment and Building: a) Depreciation	39.90	15.86	5.10	1.63
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	4.43	6.37	0.57	2.86
Capital Costs		50.17	27.78	6.41	5.06
(D)	Cash Costs (B+C-B14-C3a)	160.35	155.05	20.48	18.15
(E)	Total Production Costs (B+C)	214.85	182.36	27.44	20.96
	Gross Margin (A-D)	152.86	253.61	19.53	23.88
	Return to Unpaid Labour (A-E+B14)	112.96	237.75	14.43	22.25
	Return to Investment (A-E+C4)	102.79	232.67	13.13	23.93
	Return to Equity (A-E)	98.36	226.30	12.56	21.07

Investment

Buildings	59.04	46.11
Machinery	387.61	133.56
Irrigation Machinery	0.00	0.00
Total (incl. Land)	2151.14	1932.86

Management

Average Yield (Tonne/acre)	7.83	9.72
Expected Market Price (\$/Tonne)	39.51	41.18

2011 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	416.68	--	48.12	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	2.22	--	0.26	--	
	Gross Receipts	418.90	0.00	48.38	0.00	
(B)	Cost Items					
	1. Seed	15.66	--	1.81	--	
	2. Fertilizer	60.83	--	7.03	--	
	3. Chemical	16.18	--	1.87	--	
	4. Hail/Crop Insurance Premium	6.28	--	0.72	--	
	5. Trucking and Marketing	0.00	--	0.00	--	
	6. Fuel	20.30	--	2.34	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	6.69	--	0.77	--	
	9. Repairs - Buildings	0.84	--	0.10	--	
	10. Utilities and Miscellaneous	9.90	--	1.14	--	
	11. Custom Work	50.89	--	5.88	--	
	12. Operating Interest Paid	0.56	--	0.07	--	
	13. Paid Labour	0.00	--	0.00	--	
	14. Unpaid Labour	10.07	--	1.16	--	
Variable Costs	198.20	0.00	22.89	0.00		
(C)	1. Cash/ Share Land Rent	53.47	--	6.18	--	
	2. Taxes, Water Rates, License & Ins.	3.29	--	0.38	--	
	3. Equipment and Building:	a) Depreciation	8.39	--	0.97	--
		b) Lease Payments	0.34	--	0.04	--
	4. Paid Capital Interest	0.00	--	0.00	--	
Capital Costs	65.50	0.00	7.56	0.00		
(D)	Cash Costs	(B+C-B14-C3a)	245.24	--	28.32	--
(E)	Total Production Costs	(B+C)	263.70	--	30.45	--
	Gross Margin	(A-D)	173.66	--	20.05	--
	Return to Unpaid Labour	(A-E+B14)	165.27	--	19.09	--
	Return to Investment	(A-E+C4)	155.20	--	17.92	--
	Return to Equity	(A-E)	155.20	--	17.92	--

Investment

Buildings	23.33	--
Machinery	79.70	--
Irrigation Machinery	0.00	--
Total (incl. Land)	103.03	--

Management

Average Yield	(Tonne/acre)	8.66	--
Expected Market Price	(\$/Tonne)	48.12	--

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