

*AgriProfit\$*

**2009**

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

**Dark Brown Soil Zone**

**Government of Alberta** ■  
Agriculture and Rural Development



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# OVERVIEW

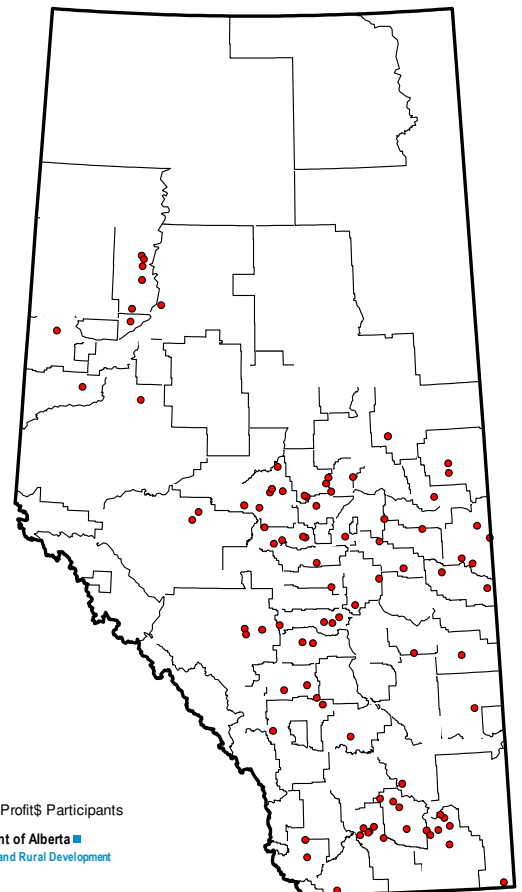
## 2009 Dark Brown Soil Zone

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

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

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

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



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### Acknowledgements:

Pauline Van Biert, Shukun Guan, Lorraine Kohlman, Dale Kaliel, Diane McCann-Hiltz, Vitor Dias, Interviewers and Participants

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**2009 Crops Enterprise Analysis**

**All Dryland Spring Wheat**

**Acres Cropped: 160.61**

Enterprises: 38

		<b>Total \$</b>	<b>\$/Acre</b>	<b>\$/Bushel</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	32,762.39	203.99	5.65
	2. Crop Insurance Receipts	1,458.13	9.08	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	50.66	.32	
	<b>GROSS RETURN</b>	<b>34,271.19</b>	<b>213.39</b>	<b>5.91</b>
<b>(B)</b>	1. Seed & Seed Cleaning	2,238.75	13.94	
	2. Fertilizer Rates: 66N 20P 3K 4S	9,145.86	56.95	
	3. Chemicals	4,553.82	28.35	
	4. Hail / Crop Insurance & Program Premiums	1,567.60	9.76	
	5. Trucking & Marketing	597.86	3.72	
	6. Fuel	1,229.87	7.66	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,805.39	11.24	
	9. Repairs - Buildings	251.28	1.56	
	10. Utilities & Miscellaneous Expenses	1,103.10	6.87	
	11. Custom Work & Specialized Labour	556.27	3.46	
	12. Operating Interest Paid	87.01	.54	
	13. Paid Labour & Benefits (75.00 hours)	1,615.33	10.06	
	14. Unpaid Labour (71.24 hours)	712.36	4.44	
	<b>VARIABLE COSTS</b>	<b>25,464.51</b>	<b>158.55</b>	<b>4.39</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	3,156.88	19.66	
	2. Taxes, Water Rates, Lic. & Insurance	571.43	3.56	
	3. Equipment & Building a) Depreciation	4,066.53	25.32	
	b) Lease Payments	301.34	1.88	
	4. Paid Capital Interest	791.72	4.93	
	<b>TOTAL CAPITAL COSTS</b>	<b>8,887.90</b>	<b>55.34</b>	<b>1.53</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>29,573.51</b>	<b>184.14</b>	<b>5.10</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>34,352.41</b>	<b>213.89</b>	<b>5.92</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>4,697.68</b>	<b>29.25</b>	<b>.81</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>631.15</b>	<b>3.93</b>	<b>.11</b>
	<b>RETURN TO INVESTMENT (A-E+C4) .6 %</b>	<b>710.51</b>	<b>4.42</b>	<b>.12</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>(81.22)</b>	<b>(.51)</b>	<b>(.01)</b>
<b>INVESTMENT</b>				
	Land	62,390.79	388.47	
	Buildings	8,760.29	54.55	
	Machinery	39,105.03	243.49	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>110,256.11</b>	<b>686.50</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Bushel)		36.13	
	Expected Market Price Per Bushel		5.65	

**2009 Crops Enterprise Analysis**

<b>All Dryland Spring Wheat</b>		<b>Group AVG</b>	<b>Top 1/3 AVG</b>
<b>Acres Cropped:</b>		<b>160.61</b>	<b>146.85</b>
Enterprises:		38	13
		<b>\$/Acre</b>	<b>\$/Acre</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	203.99	284.56
	2. Crop Insurance Receipts	9.08	5.67
	3. Miscellaneous Receipts	.00	.00
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	.32	.35
<b>GROSS RETURN</b>		<b>213.39</b>	<b>290.58</b>
<b>(B)</b>	1. Seed & Seed Cleaning	13.94	16.57
	2. Fertilizer	56.95	70.10
	3. Chemicals	28.35	32.95
	4. Hail / Crop Insurance & Program Premiums	9.76	12.94
	5. Trucking & Marketing	3.72	6.76
	6. Fuel	7.66	10.42
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	11.24	14.75
	9. Repairs - Buildings	1.56	1.30
	10. Utilities & Miscellaneous Expenses	6.87	10.05
	11. Custom Work & Specialized Labour	3.46	2.17
	12. Operating Interest Paid	.54	.51
	13. Paid Labour & Benefits	10.06	8.04
	14. Unpaid Labour	4.44	7.63
<b>VARIABLE COSTS</b>		<b>158.55</b>	<b>194.20</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	19.66	20.19
	2. Taxes, Water Rates, Lic. & Insurance	3.56	2.64
	3. Equipment & Building	25.32	30.14
	a) Depreciation	1.88	1.92
	b) Lease Payments	4.93	.64
	4. Paid Capital Interest	.64	.64
<b>TOTAL CAPITAL COSTS</b>		<b>55.34</b>	<b>55.53</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>184.14</b>	<b>211.95</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>213.89</b>	<b>249.72</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>29.25</b>	<b>78.63</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>3.93</b>	<b>48.49</b>
	<b>RETURN TO INVESTMENT (A-E+C4)</b>	<b>4.42</b>	<b>41.50</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>(.51)</b>	<b>40.86</b>
<b>INVESTMENT</b>			
	Land	388.47	289.94
	Buildings	54.55	89.69
	Machinery	243.49	273.88
	Irr. Mach.	.00	.00
<b>TOTAL</b>		<b>686.50</b>	<b>653.51</b>
<b>MANAGEMENT</b>			
	Yield Per Acre (Bushel)	36.13	48.46
	Expected Market Price Per Bushel	5.65	5.87

**2009 Crops Enterprise Analysis**

**Owned Dryland Spring Wheat**

**Acres Cropped: 141.86**

Enterprises: 14

		<b>Total \$</b>	<b>\$/Acre</b>	<b>\$/Bushel</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	26,060.46	183.71	5.60
	2. Crop Insurance Receipts	116.47	.82	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
	<b>GROSS RETURN</b>	<b>26,176.93</b>	<b>184.53</b>	<b>5.62</b>
<b>(B)</b>	1. Seed & Seed Cleaning	1,863.52	13.14	
	2. Fertilizer Rates: 57N 16P 0K 4S	7,046.15	49.67	
	3. Chemicals	3,727.14	26.27	
	4. Hail / Crop Insurance & Program Premiums	1,070.71	7.55	
	5. Trucking & Marketing	170.70	1.20	
	6. Fuel	1,061.51	7.48	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,363.07	9.61	
	9. Repairs - Buildings	142.43	1.00	
	10. Utilities & Miscellaneous Expenses	690.71	4.87	
	11. Custom Work & Specialized Labour	352.69	2.49	
	12. Operating Interest Paid	102.38	.72	
	13. Paid Labour & Benefits (62.11 hours)	1,013.30	7.14	
	14. Unpaid Labour (65.74 hours)	657.35	4.63	
	<b>VARIABLE COSTS</b>	<b>19,261.65</b>	<b>135.78</b>	<b>4.14</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	771.68	5.44	
	3. Equipment & Building a) Depreciation	3,824.41	26.96	
	b) Lease Payments	.00	.00	
	4. Paid Capital Interest	1,291.77	9.11	
	<b>TOTAL CAPITAL COSTS</b>	<b>5,887.86</b>	<b>41.51</b>	<b>1.26</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>20,667.75</b>	<b>145.69</b>	<b>4.44</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>25,149.50</b>	<b>177.29</b>	<b>5.40</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>5,509.19</b>	<b>38.84</b>	<b>1.18</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>1,684.78</b>	<b>11.88</b>	<b>.36</b>
	<b>RETURN TO INVESTMENT (A-E+C4) 1.1 %</b>	<b>2,319.20</b>	<b>16.35</b>	<b>.50</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>1,027.43</b>	<b>7.24</b>	<b>.22</b>
<b>INVESTMENT</b>				
	Land	169,346.43	1,193.78	
	Buildings	7,055.35	49.74	
	Machinery	37,614.75	265.16	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>214,016.53</b>	<b>1,508.68</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Bushel)		32.83	
	Expected Market Price Per Bushel		5.60	

## 2009 Crops Enterprise Analysis

### Rented Dryland Spring Wheat

Acres Cropped: 171.54

Enterprises: 24

		Total \$	\$/Acre	\$/Bushel
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	36,671.85	213.78	5.67
	2. Crop Insurance Receipts	2,240.77	13.06	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	80.22	.47	
<b>GROSS RETURN</b>		<b>38,992.84</b>	<b>227.31</b>	<b>6.03</b>
<b>(B)</b>	1. Seed & Seed Cleaning	2,457.64	14.33	
	2. Fertilizer Rates: 71N 22P 4K 4S	10,370.69	60.46	
	3. Chemicals	5,036.06	29.36	
	4. Hail / Crop Insurance & Program Premiums	1,857.45	10.83	
	5. Trucking & Marketing	847.05	4.94	
	6. Fuel	1,328.08	7.74	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	2,063.41	12.03	
	9. Repairs - Buildings	314.79	1.84	
	10. Utilities & Miscellaneous Expenses	1,343.66	7.83	
	11. Custom Work & Specialized Labour	675.02	3.94	
	12. Operating Interest Paid	78.05	.45	
	13. Paid Labour & Benefits (82.52 hours)	1,966.51	11.46	
	14. Unpaid Labour (74.45 hours)	744.45	4.34	
<b>VARIABLE COSTS</b>		<b>29,082.85</b>	<b>169.54</b>	<b>4.49</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	4,998.40	29.14	
	2. Taxes, Water Rates, Lic. & Insurance	454.61	2.65	
	3. Equipment & Building a) Depreciation	4,207.77	24.53	
	b) Lease Payments	477.12	2.78	
	4. Paid Capital Interest	500.03	2.91	
<b>TOTAL CAPITAL COSTS</b>		<b>10,637.92</b>	<b>62.01</b>	<b>1.64</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>34,768.55</b>	<b>202.68</b>	<b>5.37</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>39,720.77</b>	<b>231.55</b>	<b>6.14</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>4,224.30</b>	<b>24.63</b>	<b>.65</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>16.53</b>	<b>.10</b>	<b>.00</b>
	<b>RETURN TO INVESTMENT (A-E+C4) -.5 %</b>	<b>(227.90)</b>	<b>(1.33)</b>	<b>(.04)</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>(727.93)</b>	<b>(4.24)</b>	<b>(.11)</b>
<b>INVESTMENT</b>				
	Land	.00	.00	
	Buildings	9,754.85	56.87	
	Machinery	39,974.36	233.03	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>49,729.21</b>	<b>289.90</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Bushel)		37.72	
	Expected Market Price Per Bushel		5.67	

## 2009 Crops Enterprise Analysis

### All Dryland Malt Barley

Acres Cropped: 117.15

Enterprises: 20

	Total \$	\$/Acre	\$/Bushel
<b>(A)</b> 1. Crop Sales - Imputed Value of Production	22,299.24	190.35	3.98
2. Crop Insurance Receipts	1,618.45	13.82	
3. Miscellaneous Receipts	.00	.00	
4. Government Program	.00	.00	
5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
<b>GROSS RETURN</b>	<b>23,917.69</b>	<b>204.16</b>	<b>4.27</b>
<b>(B)</b> 1. Seed & Seed Cleaning	1,428.18	12.19	
2. Fertilizer Rates: 48N 18P 0K 0S	4,974.05	42.46	
3. Chemicals	2,708.69	23.12	
4. Hail / Crop Insurance & Program Premiums	766.39	6.54	
5. Trucking & Marketing	144.38	1.23	
6. Fuel	711.99	6.08	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	964.56	8.23	
9. Repairs - Buildings	80.53	.69	
10. Utilities & Miscellaneous Expenses	525.76	4.49	
11. Custom Work & Specialized Labour	77.61	.66	
12. Operating Interest Paid	41.70	.36	
13. Paid Labour & Benefits (30.05 hours)	372.79	3.18	
14. Unpaid Labour (45.82 hours)	458.15	3.91	
<b>VARIABLE COSTS</b>	<b>13,254.78</b>	<b>113.14</b>	<b>2.37</b>
<b>(C)</b> 1. Cash/Share Rent & Land Lease	767.75	6.55	
2. Taxes, Water Rates, Lic. & Insurance	693.35	5.92	
3. Equipment & Building a) Depreciation	2,933.48	25.04	
b) Lease Payments	.00	.00	
4. Paid Capital Interest	662.73	5.66	
<b>TOTAL CAPITAL COSTS</b>	<b>5,057.32</b>	<b>43.17</b>	<b>.90</b>
<b>(D) CASH COSTS (B+C-B14-C3)</b>	<b>14,920.47</b>	<b>127.36</b>	<b>2.66</b>
<b>(E) TOTAL PRODUCTION COSTS (B+C)</b>	<b>18,312.10</b>	<b>156.31</b>	<b>3.27</b>
<b>(F) GROSS MARGIN (A-D)</b>	<b>8,997.23</b>	<b>76.80</b>	<b>1.61</b>
<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>6,063.74</b>	<b>51.76</b>	<b>1.08</b>
<b>RETURN TO INVESTMENT (A-E+C4) 4.0 %</b>	<b>6,268.32</b>	<b>53.51</b>	<b>1.12</b>
<b>RETURN TO EQUITY (A-E)</b>	<b>5,605.59</b>	<b>47.85</b>	<b>1.00</b>
<b>INVESTMENT</b>			
Land	122,622.50	1,046.71	
Buildings	5,918.85	50.52	
Machinery	28,494.23	243.23	
Irr. Machinery	.00	.00	
<b>TOTAL</b>	<b>157,035.58</b>	<b>1,340.47</b>	
<b>MANAGEMENT</b>			
Yield Per Acre (Bushel)		47.84	
Expected Market Price Per Bushel		3.98	



**2009 Crops Enterprise Analysis**

<b>All Dryland Malt Barley</b>		<b>Group AVG</b>	<b>Top 1/3 AVG</b>
<b>Acres Cropped:</b>		<b>117.15</b>	<b>116.00</b>
Enterprises:		20	7
		<b>\$/Acre</b>	<b>\$/Acre</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	190.35	183.60
	2. Crop Insurance Receipts	13.82	.00
	3. Miscellaneous Receipts	.00	.00
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00
<b>GROSS RETURN</b>		<b>204.16</b>	<b>183.60</b>
<b>(B)</b>	1. Seed & Seed Cleaning	12.19	12.00
	2. Fertilizer	42.46	28.44
	3. Chemicals	23.12	20.00
	4. Hail / Crop Insurance & Program Premiums	6.54	.00
	5. Trucking & Marketing	1.23	.78
	6. Fuel	6.08	2.05
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	8.23	2.49
	9. Repairs - Buildings	.69	.12
	10. Utilities & Miscellaneous Expenses	4.49	2.81
	11. Custom Work & Specialized Labour	.66	.00
	12. Operating Interest Paid	.36	.00
	13. Paid Labour & Benefits	3.18	1.24
	14. Unpaid Labour	3.91	1.39
<b>VARIABLE COSTS</b>		<b>113.14</b>	<b>71.33</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	6.55	.00
	2. Taxes, Water Rates, Lic. & Insurance	5.92	2.36
	3. Equipment & Building	25.04	19.83
	a) Depreciation		
	b) Lease Payments	.00	.00
	4. Paid Capital Interest	5.66	8.24
<b>TOTAL CAPITAL COSTS</b>		<b>43.17</b>	<b>30.42</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>127.36</b>	<b>80.54</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>156.31</b>	<b>101.76</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>76.80</b>	<b>103.06</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>51.76</b>	<b>83.24</b>
	<b>RETURN TO INVESTMENT (A-E+C4)</b>	<b>53.51</b>	<b>90.08</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>47.85</b>	<b>81.84</b>
<b>INVESTMENT</b>			
	Land	1,046.71	1,100.00
	Buildings	50.52	33.63
	Machinery	243.23	193.96
	Irr. Mach.	.00	.00
<b>TOTAL</b>		<b>1,340.47</b>	<b>1,327.60</b>
<b>MANAGEMENT</b>			
	Yield Per Acre (Bushel)	47.84	43.20
	Expected Market Price Per Bushel	3.98	4.25

## 2009 Crops Enterprise Analysis

### Owned Dryland Malt Barley

Acres Cropped: 118.35

Enterprises: 17

		Total \$	\$/Acre	\$/Bushel
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	22,170.95	187.33	4.06
	2. Crop Insurance Receipts	1,050.61	8.88	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
<b>GROSS RETURN</b>		<b>23,221.55</b>	<b>196.21</b>	<b>4.25</b>
<b>(B)</b>	1. Seed & Seed Cleaning	1,386.03	11.71	
	2. Fertilizer Rates: 46N 17P	4,631.66	39.13	
	3. Chemicals	2,579.02	21.79	
	4. Hail / Crop Insurance & Program Premiums	611.62	5.17	
	5. Trucking & Marketing	65.98	.56	
	6. Fuel	620.31	5.24	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	808.84	6.83	
	9. Repairs - Buildings	61.40	.52	
	10. Utilities & Miscellaneous Expenses	454.05	3.84	
	11. Custom Work & Specialized Labour	55.34	.47	
	12. Operating Interest Paid	37.35	.32	
	13. Paid Labour & Benefits (24.22 hours)	247.11	2.09	
	14. Unpaid Labour (39.88 hours)	398.84	3.37	
<b>VARIABLE COSTS</b>		<b>11,957.56</b>	<b>101.03</b>	<b>2.19</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	769.91	6.51	
	3. Equipment & Building a) Depreciation	2,827.41	23.89	
	b) Lease Payments	.00	.00	
	4. Paid Capital Interest	766.92	6.48	
<b>TOTAL CAPITAL COSTS</b>		<b>4,364.23</b>	<b>36.87</b>	<b>.80</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>13,095.54</b>	<b>110.65</b>	<b>2.40</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>16,321.79</b>	<b>137.91</b>	<b>2.99</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>10,126.01</b>	<b>85.56</b>	<b>1.85</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>7,298.60</b>	<b>61.67</b>	<b>1.34</b>
	<b>RETURN TO INVESTMENT (A-E+C4) 4.3 %</b>	<b>7,666.68</b>	<b>64.78</b>	<b>1.40</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>6,899.76</b>	<b>58.30</b>	<b>1.26</b>
<b>INVESTMENT</b>				
	Land	144,261.76	1,218.91	
	Buildings	5,423.30	45.82	
	Machinery	27,712.20	234.15	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>177,397.27</b>	<b>1,498.88</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Bushel)		46.16	
	Expected Market Price Per Bushel		4.06	

## 2009 Crops Enterprise Analysis

### Rented Dryland Malt Barley

Acres Cropped: 110.33

Enterprises: 3

	Total \$	\$/Acre	\$/Bushel
<b>(A)</b> 1. Crop Sales - Imputed Value of Production	23,026.25	208.70	3.59
2. Crop Insurance Receipts	4,836.22	43.83	
3. Miscellaneous Receipts	.00	.00	
4. Government Program	.00	.00	
5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
<b>GROSS RETURN</b>	<b>27,862.47</b>	<b>252.53</b>	<b>4.35</b>
<b>(B)</b> 1. Seed & Seed Cleaning	1,667.03	15.11	
2. Fertilizer Rates: 63N 25P 3K 3S	6,914.22	62.67	
3. Chemicals	3,443.47	31.21	
4. Hail / Crop Insurance & Program Premiums	1,643.45	14.90	
5. Trucking & Marketing	588.67	5.34	
6. Fuel	1,231.51	11.16	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	1,846.99	16.74	
9. Repairs - Buildings	188.97	1.71	
10. Utilities & Miscellaneous Expenses	932.07	8.45	
11. Custom Work & Specialized Labour	203.79	1.85	
12. Operating Interest Paid	66.34	.60	
13. Paid Labour & Benefits (63.07 hours)	1,084.95	9.83	
14. Unpaid Labour (79.42 hours)	794.23	7.20	
<b>VARIABLE COSTS</b>	<b>20,605.69</b>	<b>186.76</b>	<b>3.22</b>
<b>(C)</b> 1. Cash/Share Rent & Land Lease	5,118.33	46.39	
2. Taxes, Water Rates, Lic. & Insurance	259.53	2.35	
3. Equipment & Building a) Depreciation	3,534.60	32.04	
b) Lease Payments	.00	.00	
4. Paid Capital Interest	72.35	.66	
<b>TOTAL CAPITAL COSTS</b>	<b>8,984.82</b>	<b>81.43</b>	<b>1.40</b>
<b>(D) CASH COSTS (B+C-B14-C3)</b>	<b>25,261.69</b>	<b>228.96</b>	<b>3.94</b>
<b>(E) TOTAL PRODUCTION COSTS (B+C)</b>	<b>29,590.52</b>	<b>268.19</b>	<b>4.62</b>
<b>(F) GROSS MARGIN (A-D)</b>	<b>2,600.79</b>	<b>23.57</b>	<b>.41</b>
<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>(933.81)</b>	<b>(8.46)</b>	<b>(.15)</b>
<b>RETURN TO INVESTMENT (A-E+C4) -4.0 %</b>	<b>(1,655.69)</b>	<b>(15.01)</b>	<b>(.26)</b>
<b>RETURN TO EQUITY (A-E)</b>	<b>(1,728.04)</b>	<b>(15.66)</b>	<b>(.27)</b>
<b>INVESTMENT</b>			
Land	.00	.00	
Buildings	8,726.93	79.10	
Machinery	32,925.73	298.42	
Irr. Machinery	.00	.00	
<b>TOTAL</b>	<b>41,652.66</b>	<b>377.52</b>	
<b>MANAGEMENT</b>			
Yield Per Acre (Bushel)		58.07	
Expected Market Price Per Bushel		3.59	

**2009 Crops Enterprise Analysis**

**All Dryland Feed Barley**

**Acres Cropped: 161.64**

Enterprises: 14

		<b>Total \$</b>	<b>\$/Acre</b>	<b>\$/Bushel</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	30,911.89	191.24	3.25
	2. Crop Insurance Receipts	4,045.83	25.03	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	1,068.28	6.61	
	<b>GROSS RETURN</b>	<b>36,026.00</b>	<b>222.87</b>	<b>3.79</b>
<b>(B)</b>	1. Seed & Seed Cleaning	1,368.35	8.47	
	2. Fertilizer Rates: 69N 23P 4K 3S	8,262.39	51.12	
	3. Chemicals	4,023.39	24.89	
	4. Hail / Crop Insurance & Program Premiums	1,096.96	6.79	
	5. Trucking & Marketing	529.59	3.28	
	6. Fuel	1,196.42	7.40	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	2,295.21	14.20	
	9. Repairs - Buildings	372.37	2.30	
	10. Utilities & Miscellaneous Expenses	1,238.44	7.66	
	11. Custom Work & Specialized Labour	196.37	1.21	
	12. Operating Interest Paid	69.73	.43	
	13. Paid Labour & Benefits (11.60 hours)	238.48	1.48	
	14. Unpaid Labour (88.13 hours)	881.26	5.45	
	<b>VARIABLE COSTS</b>	<b>21,768.97</b>	<b>134.67</b>	<b>2.29</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	6,345.90	39.26	
	2. Taxes, Water Rates, Lic. & Insurance	157.98	.98	
	3. Equipment & Building a) Depreciation	2,815.78	17.42	
	b) Lease Payments	663.75	4.11	
	4. Paid Capital Interest	221.08	1.37	
	<b>TOTAL CAPITAL COSTS</b>	<b>10,204.49</b>	<b>63.13</b>	<b>1.07</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>28,276.43</b>	<b>174.93</b>	<b>2.98</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>31,973.47</b>	<b>197.80</b>	<b>3.37</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>7,749.57</b>	<b>47.94</b>	<b>.82</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>4,933.79</b>	<b>30.52</b>	<b>.52</b>
	<b>RETURN TO INVESTMENT (A-E+C4) 6.8 %</b>	<b>4,273.61</b>	<b>26.44</b>	<b>.45</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>4,052.53</b>	<b>25.07</b>	<b>.43</b>
<b>INVESTMENT</b>				
	Land	29,478.57	182.37	
	Buildings	5,858.64	36.24	
	Machinery	27,651.62	171.07	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>62,988.83</b>	<b>389.68</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Bushel)		58.75	
	Expected Market Price Per Bushel		3.25	

**2009 Crops Enterprise Analysis**

<b>All Dryland Feed Barley</b>		<b>Group AVG</b>	<b>Top 1/3 AVG</b>
<b>Acres Cropped:</b>		<b>161.64</b>	<b>160.40</b>
Enterprises:		14	5
		<b>\$/Acre</b>	<b>\$/Acre</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	191.24	212.45
	2. Crop Insurance Receipts	25.03	13.12
	3. Miscellaneous Receipts	.00	.00
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	6.61	14.14
<b>GROSS RETURN</b>		<b>222.87</b>	<b>239.71</b>
<b>(B)</b>	1. Seed & Seed Cleaning	8.47	10.19
	2. Fertilizer	51.12	41.37
	3. Chemicals	24.89	23.42
	4. Hail / Crop Insurance & Program Premiums	6.79	2.86
	5. Trucking & Marketing	3.28	1.37
	6. Fuel	7.40	5.66
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	14.20	13.21
	9. Repairs - Buildings	2.30	2.33
	10. Utilities & Miscellaneous Expenses	7.66	4.21
	11. Custom Work & Specialized Labour	1.21	2.48
	12. Operating Interest Paid	.43	.00
	13. Paid Labour & Benefits	1.48	3.43
	14. Unpaid Labour	5.45	3.41
<b>VARIABLE COSTS</b>		<b>134.67</b>	<b>113.94</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	39.26	37.24
	2. Taxes, Water Rates, Lic. & Insurance	.98	1.24
	3. Equipment & Building	17.42	20.19
	a) Depreciation		
	b) Lease Payments	4.11	.00
	4. Paid Capital Interest	1.37	3.10
<b>TOTAL CAPITAL COSTS</b>		<b>63.13</b>	<b>61.77</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>174.93</b>	<b>152.11</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>197.80</b>	<b>175.71</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>47.94</b>	<b>87.60</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>30.52</b>	<b>67.41</b>
	<b>RETURN TO INVESTMENT (A-E+C4)</b>	<b>26.44</b>	<b>67.10</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>25.07</b>	<b>64.00</b>
<b>INVESTMENT</b>			
	Land	182.37	414.21
	Buildings	36.24	29.12
	Machinery	171.07	199.25
	Irr. Mach.	.00	.00
<b>TOTAL</b>		<b>389.68</b>	<b>642.59</b>
<b>MANAGEMENT</b>			
	Yield Per Acre (Bushel)	58.75	63.39
	Expected Market Price Per Bushel	3.25	3.35

## 2009 Crops Enterprise Analysis

### Owned Dryland Feed Barley

Acres Cropped: 147.33

Enterprises: 3

	Total \$	\$/Acre	\$/Bushel
<b>(A)</b> 1. Crop Sales - Imputed Value of Production	21,534.67	146.16	3.46
2. Crop Insurance Receipts	.00	.00	
3. Miscellaneous Receipts	.00	.00	
4. Government Program	.00	.00	
5. Additional Revenue from Straw / Aftermath Grazing	4,280.00	29.05	
<b>GROSS RETURN</b>	<b>25,814.67</b>	<b>175.21</b>	<b>4.15</b>
<b>(B)</b> 1. Seed & Seed Cleaning	1,544.00	10.48	
2. Fertilizer Rates: 54N 18P 2K 2S	5,214.60	35.39	
3. Chemicals	2,480.00	16.83	
4. Hail / Crop Insurance & Program Premiums	435.40	2.96	
5. Trucking & Marketing	627.71	4.26	
6. Fuel	868.01	5.89	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	617.27	4.19	
9. Repairs - Buildings	47.25	.32	
10. Utilities & Miscellaneous Expenses	502.49	3.41	
11. Custom Work & Specialized Labour	662.39	4.50	
12. Operating Interest Paid	99.37	.67	
13. Paid Labour & Benefits (11.75 hours)	142.45	.97	
14. Unpaid Labour (62.13 hours)	621.29	4.22	
<b>VARIABLE COSTS</b>	<b>13,862.24</b>	<b>94.09</b>	<b>2.23</b>
<b>(C)</b> 1. Cash/Share Rent & Land Lease	.00	.00	
2. Taxes, Water Rates, Lic. & Insurance	340.91	2.31	
3. Equipment & Building a) Depreciation	2,675.00	18.16	
b) Lease Payments	.00	.00	
4. Paid Capital Interest	874.77	5.94	
<b>TOTAL CAPITAL COSTS</b>	<b>3,890.68</b>	<b>26.41</b>	<b>.63</b>
<b>(D) CASH COSTS (B+C-B14-C3)</b>	<b>14,456.64</b>	<b>98.12</b>	<b>2.33</b>
<b>(E) TOTAL PRODUCTION COSTS (B+C)</b>	<b>17,752.93</b>	<b>120.49</b>	<b>2.86</b>
<b>(F) GROSS MARGIN (A-D)</b>	<b>11,358.03</b>	<b>77.09</b>	<b>1.83</b>
<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>8,683.03</b>	<b>58.93</b>	<b>1.40</b>
<b>RETURN TO INVESTMENT (A-E+C4) 5.3 %</b>	<b>8,936.52</b>	<b>60.66</b>	<b>1.44</b>
<b>RETURN TO EQUITY (A-E)</b>	<b>8,061.74</b>	<b>54.72</b>	<b>1.30</b>
<b>INVESTMENT</b>			
Land	137,566.67	933.71	
Buildings	5,728.09	38.88	
Machinery	25,528.88	173.27	
Irr. Machinery	.00	.00	
<b>TOTAL</b>	<b>168,823.64</b>	<b>1,145.86</b>	
<b>MANAGEMENT</b>			
Yield Per Acre (Bushel)		42.19	
Expected Market Price Per Bushel		3.46	

## 2009 Crops Enterprise Analysis

### Rented Dryland Feed Barley

Acres Cropped: 165.55

Enterprises: 11

		Total \$	\$/Acre	\$/Bushel
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	33,469.31	202.18	3.22
	2. Crop Insurance Receipts	5,149.23	31.10	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	192.36	1.16	
<b>GROSS RETURN</b>		<b>38,810.90</b>	<b>234.44</b>	<b>3.73</b>
<b>(B)</b>	1. Seed & Seed Cleaning	1,320.45	7.98	
	2. Fertilizer Rates: 73N 24P 4K 4S	9,093.60	54.93	
	3. Chemicals	4,444.31	26.85	
	4. Hail / Crop Insurance & Program Premiums	1,277.39	7.72	
	5. Trucking & Marketing	502.83	3.04	
	6. Fuel	1,285.99	7.77	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	2,752.83	16.63	
	9. Repairs - Buildings	461.04	2.78	
	10. Utilities & Miscellaneous Expenses	1,439.15	8.69	
	11. Custom Work & Specialized Labour	69.28	.42	
	12. Operating Interest Paid	61.65	.37	
	13. Paid Labour & Benefits (11.56 hours)	264.67	1.60	
	14. Unpaid Labour (95.22 hours)	952.16	5.75	
<b>VARIABLE COSTS</b>		<b>23,925.35</b>	<b>144.52</b>	<b>2.30</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	8,076.60	48.79	
	2. Taxes, Water Rates, Lic. & Insurance	108.09	.65	
	3. Equipment & Building a) Depreciation	2,854.17	17.24	
	b) Lease Payments	844.78	5.10	
	4. Paid Capital Interest	42.80	.26	
<b>TOTAL CAPITAL COSTS</b>		<b>11,926.44</b>	<b>72.04</b>	<b>1.15</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>32,045.47</b>	<b>193.58</b>	<b>3.08</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>35,851.80</b>	<b>216.57</b>	<b>3.45</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>6,765.44</b>	<b>40.87</b>	<b>.65</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>3,911.27</b>	<b>23.63</b>	<b>.38</b>
	<b>RETURN TO INVESTMENT (A-E+C4) 8.8 %</b>	<b>3,001.91</b>	<b>18.13</b>	<b>.29</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>2,959.11</b>	<b>17.87</b>	<b>.28</b>
<b>INVESTMENT</b>				
	Land	.00	.00	
	Buildings	5,894.24	35.60	
	Machinery	28,230.55	170.53	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>34,124.79</b>	<b>206.14</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Bushel)		62.78	
	Expected Market Price Per Bushel		3.22	

## 2009 Crops Enterprise Analysis

### All Dryland Liberty Link Canola

Acres Cropped: 145.00

Enterprises: 19

	Total \$	\$/Acre	\$/Bushel
<b>(A)</b> 1. Crop Sales - Imputed Value of Production	44,264.15	305.27	9.20
2. Crop Insurance Receipts	4,983.52	34.37	
3. Miscellaneous Receipts	.00	.00	
4. Government Program	.00	.00	
5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
<b>GROSS RETURN</b>	<b>49,247.67</b>	<b>339.64</b>	<b>10.24</b>
<b>(B)</b> 1. Seed & Seed Cleaning	5,519.80	38.07	
2. Fertilizer Rates: 72N 25P 3K 13S	10,187.73	70.26	
3. Chemicals	3,298.78	22.75	
4. Hail / Crop Insurance & Program Premiums	2,562.82	17.67	
5. Trucking & Marketing	604.80	4.17	
6. Fuel	1,131.62	7.80	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	1,661.68	11.46	
9. Repairs - Buildings	229.29	1.58	
10. Utilities & Miscellaneous Expenses	1,140.64	7.87	
11. Custom Work & Specialized Labour	509.42	3.51	
12. Operating Interest Paid	65.12	.45	
13. Paid Labour & Benefits (36.33 hours)	893.33	6.16	
14. Unpaid Labour (84.13 hours)	841.26	5.80	
<b>VARIABLE COSTS</b>	<b>28,646.29</b>	<b>197.56</b>	<b>5.96</b>
<b>(C)</b> 1. Cash/Share Rent & Land Lease	5,981.23	41.25	
2. Taxes, Water Rates, Lic. & Insurance	850.68	5.87	
3. Equipment & Building a) Depreciation	3,384.67	23.34	
b) Lease Payments	479.61	3.31	
4. Paid Capital Interest	788.64	5.44	
<b>TOTAL CAPITAL COSTS</b>	<b>11,484.84</b>	<b>79.21</b>	<b>2.39</b>
<b>(D) CASH COSTS (B+C-B14-C3)</b>	<b>35,905.20</b>	<b>247.62</b>	<b>7.46</b>
<b>(E) TOTAL PRODUCTION COSTS (B+C)</b>	<b>40,131.13</b>	<b>276.77</b>	<b>8.34</b>
<b>(F) GROSS MARGIN (A-D)</b>	<b>13,342.46</b>	<b>92.02</b>	<b>2.77</b>
<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>9,957.80</b>	<b>68.67</b>	<b>2.07</b>
<b>RETURN TO INVESTMENT (A-E+C4) 9.2 %</b>	<b>9,905.18</b>	<b>68.31</b>	<b>2.06</b>
<b>RETURN TO EQUITY (A-E)</b>	<b>9,116.54</b>	<b>62.87</b>	<b>1.90</b>
<b>INVESTMENT</b>			
Land	65,778.95	453.65	
Buildings	9,568.12	65.99	
Machinery	31,880.79	219.87	
Irr. Machinery	.00	.00	
<b>TOTAL</b>	<b>107,227.86</b>	<b>739.50</b>	
<b>MANAGEMENT</b>			
Yield Per Acre (Bushel)		33.17	
Expected Market Price Per Bushel		9.20	



## 2009 Crops Enterprise Analysis

All Dryland Liberty Link Canola		Group AVG	Top 1/3 AVG
Acres Cropped:		145.00	211.50
Enterprises:		19	6
		<b>\$/Acre</b>	<b>\$/Acre</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	305.27	298.24
	2. Crop Insurance Receipts	34.37	74.62
	3. Miscellaneous Receipts	.00	.00
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00
<b>GROSS RETURN</b>		<b>339.64</b>	<b>372.86</b>
<b>(B)</b>	1. Seed & Seed Cleaning	38.07	38.58
	2. Fertilizer	70.26	51.36
	3. Chemicals	22.75	24.01
	4. Hail / Crop Insurance & Program Premiums	17.67	16.45
	5. Trucking & Marketing	4.17	2.13
	6. Fuel	7.80	6.61
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	11.46	12.15
	9. Repairs - Buildings	1.58	2.34
	10. Utilities & Miscellaneous Expenses	7.87	8.86
	11. Custom Work & Specialized Labour	3.51	3.48
	12. Operating Interest Paid	.45	.81
	13. Paid Labour & Benefits	6.16	7.83
	14. Unpaid Labour	5.80	4.04
<b>VARIABLE COSTS</b>		<b>197.56</b>	<b>178.65</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	41.25	59.58
	2. Taxes, Water Rates, Lic. & Insurance	5.87	.91
	3. Equipment & Building	23.34	17.02
	a) Depreciation	3.31	7.18
	b) Lease Payments	5.44	7.02
	4. Paid Capital Interest	5.44	7.02
<b>TOTAL CAPITAL COSTS</b>		<b>79.21</b>	<b>91.71</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>247.62</b>	<b>249.30</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>276.77</b>	<b>270.36</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>92.02</b>	<b>123.56</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>68.67</b>	<b>106.54</b>
	<b>RETURN TO INVESTMENT (A-E+C4)</b>	<b>68.31</b>	<b>109.52</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>62.87</b>	<b>102.50</b>
<b>INVESTMENT</b>			
	Land	453.65	232.47
	Buildings	65.99	25.65
	Machinery	219.87	177.92
	Irr. Mach.	.00	.00
<b>TOTAL</b>		<b>739.50</b>	<b>436.03</b>
<b>MANAGEMENT</b>			
	Yield Per Acre (Bushel)	33.17	32.24
	Expected Market Price Per Bushel	9.20	9.25

**2009 Crops Enterprise Analysis**

**Owned Dryland Liberty Link Canola**

**Acres Cropped: 135.43**

Enterprises: 7

		<b>Total \$</b>	<b>\$/Acre</b>	<b>\$/Bushel</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	39,638.72	292.69	9.53
	2. Crop Insurance Receipts	.00	.00	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
	<b>GROSS RETURN</b>	<b>39,638.72</b>	<b>292.69</b>	<b>9.53</b>
<b>(B)</b>	1. Seed & Seed Cleaning	4,914.14	36.29	
	2. Fertilizer Rates: 81N 21P 17S	10,605.77	78.31	
	3. Chemicals	1,981.26	14.63	
	4. Hail / Crop Insurance & Program Premiums	2,422.08	17.88	
	5. Trucking & Marketing	167.94	1.24	
	6. Fuel	980.10	7.24	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,079.66	7.97	
	9. Repairs - Buildings	189.13	1.40	
	10. Utilities & Miscellaneous Expenses	420.80	3.11	
	11. Custom Work & Specialized Labour	667.50	4.93	
	12. Operating Interest Paid	82.24	.61	
	13. Paid Labour & Benefits (72.13 hours)	1,710.15	12.63	
	14. Unpaid Labour (37.84 hours)	378.35	2.79	
	<b>VARIABLE COSTS</b>	<b>25,599.13</b>	<b>189.02</b>	<b>6.16</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	2,009.76	14.84	
	3. Equipment & Building a) Depreciation	3,601.85	26.60	
	b) Lease Payments	.00	.00	
	4. Paid Capital Interest	1,833.45	13.54	
	<b>TOTAL CAPITAL COSTS</b>	<b>7,445.06</b>	<b>54.97</b>	<b>1.79</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>29,063.98</b>	<b>214.61</b>	<b>6.99</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>33,044.19</b>	<b>244.00</b>	<b>7.95</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>10,574.74</b>	<b>78.08</b>	<b>2.54</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>6,972.88</b>	<b>51.49</b>	<b>1.68</b>
	<b>RETURN TO INVESTMENT (A-E+C4) 3.8 %</b>	<b>8,427.98</b>	<b>62.23</b>	<b>2.03</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>6,594.53</b>	<b>48.69</b>	<b>1.59</b>
<b>INVESTMENT</b>				
	Land	178,542.86	1,318.35	
	Buildings	7,074.71	52.24	
	Machinery	35,689.41	263.53	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>221,306.98</b>	<b>1,634.12</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Bushel)		30.71	
	Expected Market Price Per Bushel		9.53	

**2009 Crops Enterprise Analysis**  
**Rented Dryland Liberty Link Canola**

**Acres Cropped: 150.58**

Enterprises: 12

	<b>Total \$</b>	<b>\$/Acre</b>	<b>\$/Bushel</b>
<b>(A)</b> 1. Crop Sales - Imputed Value of Production	46,962.31	311.87	9.05
2. Crop Insurance Receipts	7,890.57	52.40	
3. Miscellaneous Receipts	.00	.00	
4. Government Program	.00	.00	
5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
<b>GROSS RETURN</b>	<b>54,852.89</b>	<b>364.27</b>	<b>10.57</b>
<b>(B)</b> 1. Seed & Seed Cleaning	5,873.11	39.00	
2. Fertilizer Rates: 67N 28P 5K 11S	9,943.88	66.04	
3. Chemicals	4,067.33	27.01	
4. Hail / Crop Insurance & Program Premiums	2,644.91	17.56	
5. Trucking & Marketing	859.63	5.71	
6. Fuel	1,220.01	8.10	
7. Irrigation Fuel & Electricity	.00	.00	
8. Repairs - Machine	2,001.20	13.29	
9. Repairs - Buildings	252.72	1.68	
10. Utilities & Miscellaneous Expenses	1,560.55	10.36	
11. Custom Work & Specialized Labour	417.21	2.77	
12. Operating Interest Paid	55.14	.37	
13. Paid Labour & Benefits (15.44 hours)	416.85	2.77	
14. Unpaid Labour (111.13 hours)	1,111.28	7.38	
<b>VARIABLE COSTS</b>	<b>30,423.81</b>	<b>202.04</b>	<b>5.86</b>
<b>(C)</b> 1. Cash/Share Rent & Land Lease	9,470.28	62.89	
2. Taxes, Water Rates, Lic. & Insurance	174.55	1.16	
3. Equipment & Building a) Depreciation	3,257.98	21.64	
b) Lease Payments	759.39	5.04	
4. Paid Capital Interest	179.18	1.19	
<b>TOTAL CAPITAL COSTS</b>	<b>13,841.37</b>	<b>91.92</b>	<b>2.67</b>
<b>(D) CASH COSTS (B+C-B14-C3)</b>	<b>39,895.91</b>	<b>264.94</b>	<b>7.69</b>
<b>(E) TOTAL PRODUCTION COSTS (B+C)</b>	<b>44,265.18</b>	<b>293.96</b>	<b>8.53</b>
<b>(F) GROSS MARGIN (A-D)</b>	<b>14,956.97</b>	<b>99.33</b>	<b>2.88</b>
<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>11,698.99</b>	<b>77.69</b>	<b>2.25</b>
<b>RETURN TO INVESTMENT (A-E+C4) 26.5 %</b>	<b>10,766.89</b>	<b>71.50</b>	<b>2.07</b>
<b>RETURN TO EQUITY (A-E)</b>	<b>10,587.71</b>	<b>70.31</b>	<b>2.04</b>
<b>INVESTMENT</b>			
Land	.00	.00	
Buildings	11,022.61	73.20	
Machinery	29,659.10	196.96	
Irr. Machinery	.00	.00	
<b>TOTAL</b>	<b>40,681.71</b>	<b>270.16</b>	
<b>MANAGEMENT</b>			
Yield Per Acre (Bushel)		34.47	
Expected Market Price Per Bushel		9.05	

**2009 Crops Enterprise Analysis**  
**All Dryland Roundup Ready Canola**

**Acres Cropped: 142.13**

Enterprises: 16

		<b>Total \$</b>	<b>\$/Acre</b>	<b>\$/Bushel</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	42,307.63	297.68	9.39
	2. Crop Insurance Receipts	.00	.00	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
	<b>GROSS RETURN</b>	<b>42,307.63</b>	<b>297.68</b>	<b>9.39</b>
<b>(B)</b>	1. Seed & Seed Cleaning	4,182.92	29.43	
	2. Fertilizer Rates: 70N 19P 7S	8,667.81	60.99	
	3. Chemicals	4,524.14	31.83	
	4. Hail / Crop Insurance & Program Premiums	1,709.04	12.02	
	5. Trucking & Marketing	539.42	3.80	
	6. Fuel	1,476.50	10.39	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,924.61	13.54	
	9. Repairs - Buildings	262.33	1.85	
	10. Utilities & Miscellaneous Expenses	867.85	6.11	
	11. Custom Work & Specialized Labour	777.53	5.47	
	12. Operating Interest Paid	152.26	1.07	
	13. Paid Labour & Benefits (99.94 hours)	1,985.69	13.97	
	14. Unpaid Labour (79.42 hours)	794.20	5.59	
	<b>VARIABLE COSTS</b>	<b>27,864.31</b>	<b>196.05</b>	<b>6.19</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	3,862.50	27.18	
	2. Taxes, Water Rates, Lic. & Insurance	451.14	3.17	
	3. Equipment & Building a) Depreciation	4,115.25	28.96	
	b) Lease Payments	.00	.00	
	4. Paid Capital Interest	666.35	4.69	
	<b>TOTAL CAPITAL COSTS</b>	<b>9,095.24</b>	<b>63.99</b>	<b>2.02</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>32,050.10</b>	<b>225.51</b>	<b>7.12</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>36,959.55</b>	<b>260.05</b>	<b>8.21</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>10,257.53</b>	<b>72.17</b>	<b>2.28</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>6,142.28</b>	<b>43.22</b>	<b>1.36</b>
	<b>RETURN TO INVESTMENT (A-E+C4) 5.2 %</b>	<b>6,014.44</b>	<b>42.32</b>	<b>1.34</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>5,348.08</b>	<b>37.63</b>	<b>1.19</b>
<b>INVESTMENT</b>				
	Land	68,065.63	478.91	
	Buildings	7,484.25	52.66	
	Machinery	40,133.75	282.38	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>115,683.62</b>	<b>813.96</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Bushel)		31.69	
	Expected Market Price Per Bushel		9.39	

## 2009 Crops Enterprise Analysis

### All Dryland Roundup Ready Canola

	Group AVG	Top 1/3 AVG
<b>Acres Cropped:</b>	<b>142.13</b>	<b>159.20</b>
Enterprises:	16	5
	<b>\$/Acre</b>	<b>\$/Acre</b>
<b>(A)</b> 1. Crop Sales - Imputed Value of Production	297.68	336.39
2. Crop Insurance Receipts	.00	.00
3. Miscellaneous Receipts	.00	.00
4. Government Program	.00	.00
5. Additional Revenue from Straw / Aftermath Grazing	.00	.00
<b>GROSS RETURN</b>	<b>297.68</b>	<b>336.39</b>
<b>(B)</b> 1. Seed & Seed Cleaning	29.43	32.00
2. Fertilizer	60.99	56.96
3. Chemicals	31.83	24.80
4. Hail / Crop Insurance & Program Premiums	12.02	13.86
5. Trucking & Marketing	3.80	6.55
6. Fuel	10.39	9.62
7. Irrigation Fuel & Electricity	.00	.00
8. Repairs - Machine	13.54	15.60
9. Repairs - Buildings	1.85	2.29
10. Utilities & Miscellaneous Expenses	6.11	6.61
11. Custom Work & Specialized Labour	5.47	.15
12. Operating Interest Paid	1.07	.43
13. Paid Labour & Benefits	13.97	13.26
14. Unpaid Labour	5.59	3.74
<b>VARIABLE COSTS</b>	<b>196.05</b>	<b>185.88</b>
<b>(C)</b> 1. Cash/Share Rent & Land Lease	27.18	35.62
2. Taxes, Water Rates, Lic. & Insurance	3.17	2.13
3. Equipment & Building	28.96	26.15
a) Depreciation		
b) Lease Payments	.00	.00
4. Paid Capital Interest	4.69	.24
<b>TOTAL CAPITAL COSTS</b>	<b>63.99</b>	<b>64.13</b>
<b>(D) CASH COSTS (B+C-B14-C3)</b>	<b>225.51</b>	<b>220.12</b>
<b>(E) TOTAL PRODUCTION COSTS (B+C)</b>	<b>260.05</b>	<b>250.01</b>
<b>(F) GROSS MARGIN (A-D)</b>	<b>72.17</b>	<b>116.28</b>
<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>43.22</b>	<b>90.13</b>
<b>RETURN TO INVESTMENT (A-E+C4)</b>	<b>42.32</b>	<b>86.62</b>
<b>RETURN TO EQUITY (A-E)</b>	<b>37.63</b>	<b>86.39</b>
<b>INVESTMENT</b>		
Land	478.91	160.80
Buildings	52.66	47.39
Machinery	282.38	247.33
Irr. Mach.	.00	.00
<b>TOTAL</b>	<b>813.96</b>	<b>455.52</b>
<b>MANAGEMENT</b>		
Yield Per Acre (Bushel)	31.69	35.37
Expected Market Price Per Bushel	9.39	9.51

**2009 Crops Enterprise Analysis**  
**Owned Dryland Roundup Ready Canola**  
**Acres Cropped: 99.33**

Enterprises: 9

		<b>Total \$</b>	<b>\$/Acre</b>	<b>\$/Bushel</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	27,819.66	280.06	8.98
	2. Crop Insurance Receipts	.00	.00	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
	<b>GROSS RETURN</b>	<b>27,819.66</b>	<b>280.06</b>	<b>8.98</b>
<b>(B)</b>	1. Seed & Seed Cleaning	2,612.66	26.30	
	2. Fertilizer Rates: 71N 22P 8S	7,353.11	74.02	
	3. Chemicals	4,432.42	44.62	
	4. Hail / Crop Insurance & Program Premiums	1,147.26	11.55	
	5. Trucking & Marketing	257.99	2.60	
	6. Fuel	1,445.13	14.55	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,842.49	18.55	
	9. Repairs - Buildings	156.11	1.57	
	10. Utilities & Miscellaneous Expenses	789.56	7.95	
	11. Custom Work & Specialized Labour	201.02	2.02	
	12. Operating Interest Paid	160.97	1.62	
	13. Paid Labour & Benefits (56.63 hours)	607.91	6.12	
	14. Unpaid Labour (100.63 hours)	1,006.25	10.13	
	<b>VARIABLE COSTS</b>	<b>22,012.89</b>	<b>221.61</b>	<b>7.11</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	582.26	5.86	
	3. Equipment & Building a) Depreciation	3,291.21	33.13	
	b) Lease Payments	.00	.00	
	4. Paid Capital Interest	332.27	3.34	
	<b>TOTAL CAPITAL COSTS</b>	<b>4,205.74</b>	<b>42.34</b>	<b>1.36</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>21,921.17</b>	<b>220.68</b>	<b>7.08</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>26,218.63</b>	<b>263.95</b>	<b>8.47</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>5,898.49</b>	<b>59.38</b>	<b>1.90</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>2,607.28</b>	<b>26.25</b>	<b>.84</b>
	<b>RETURN TO INVESTMENT (A-E+C4) 1.2 %</b>	<b>1,933.30</b>	<b>19.46</b>	<b>.62</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>1,601.03</b>	<b>16.12</b>	<b>.52</b>
<b>INVESTMENT</b>				
	Land	121,005.56	1,218.18	
	Buildings	6,892.08	69.38	
	Machinery	32,097.29	323.13	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>159,994.93</b>	<b>1,610.69</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Bushel)		31.18	
	Expected Market Price Per Bushel		8.98	

**2009 Crops Enterprise Analysis**  
**Rented Dryland Roundup Ready Canola**  
**Acres Cropped: 197.14**

Enterprises: 7

		<b>Total \$</b>	<b>\$/Acre</b>	<b>\$/Bushel</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	60,935.04	309.09	9.65
	2. Crop Insurance Receipts	.00	.00	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
	<b>GROSS RETURN</b>	<b>60,935.04</b>	<b>309.09</b>	<b>9.65</b>
<b>(B)</b>	1. Seed & Seed Cleaning	6,201.81	31.46	
	2. Fertilizer Rates: 68N 15P 6S	10,358.14	52.54	
	3. Chemicals	4,642.07	23.55	
	4. Hail / Crop Insurance & Program Premiums	2,431.33	12.33	
	5. Trucking & Marketing	901.26	4.57	
	6. Fuel	1,516.85	7.69	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	2,030.20	10.30	
	9. Repairs - Buildings	398.89	2.02	
	10. Utilities & Miscellaneous Expenses	968.51	4.91	
	11. Custom Work & Specialized Labour	1,518.75	7.70	
	12. Operating Interest Paid	141.05	.72	
	13. Paid Labour & Benefits (155.63 hours)	3,757.13	19.06	
	14. Unpaid Labour (52.16 hours)	521.56	2.65	
	<b>VARIABLE COSTS</b>	<b>35,387.56</b>	<b>179.50</b>	<b>5.61</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	8,828.57	44.78	
	2. Taxes, Water Rates, Lic. & Insurance	282.56	1.43	
	3. Equipment & Building a) Depreciation	5,174.73	26.25	
	b) Lease Payments	.00	.00	
	4. Paid Capital Interest	1,095.89	5.56	
	<b>TOTAL CAPITAL COSTS</b>	<b>15,381.75</b>	<b>78.02</b>	<b>2.44</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>45,073.02</b>	<b>228.63</b>	<b>7.14</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>50,769.31</b>	<b>257.53</b>	<b>8.04</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>15,862.01</b>	<b>80.46</b>	<b>2.51</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>10,687.28</b>	<b>54.21</b>	<b>1.69</b>
	<b>RETURN TO INVESTMENT (A-E+C4) 19.2 %</b>	<b>11,261.62</b>	<b>57.12</b>	<b>1.78</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>10,165.73</b>	<b>51.57</b>	<b>1.61</b>
<b>INVESTMENT</b>				
	Land	.00	.00	
	Buildings	8,245.60	41.83	
	Machinery	50,466.34	255.99	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>58,711.94</b>	<b>297.81</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Bushel)		32.02	
	Expected Market Price Per Bushel		9.65	

## 2009 Crops Enterprise Analysis

### All Dryland Yellow Peas

**Acres Cropped: 118.80**

Enterprises: 20

		Total \$	\$/Acre	\$/Bushel
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	23,201.41	195.30	6.23
	2. Crop Insurance Receipts	4,634.52	39.01	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	56.20	.47	
<b>GROSS RETURN</b>		<b>27,892.13</b>	<b>234.78</b>	<b>7.49</b>
<b>(B)</b>	1. Seed & Seed Cleaning	4,386.39	36.92	
	2. Fertilizer Rates: 0N 4P 1S	734.80	6.19	
	3. Chemicals	4,703.68	39.59	
	4. Hail / Crop Insurance & Program Premiums	1,572.84	13.24	
	5. Trucking & Marketing	615.41	5.18	
	6. Fuel	1,349.98	11.36	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,415.12	11.91	
	9. Repairs - Buildings	131.91	1.11	
	10. Utilities & Miscellaneous Expenses	1,018.15	8.57	
	11. Custom Work & Specialized Labour	494.32	4.16	
	12. Operating Interest Paid	96.28	.81	
	13. Paid Labour & Benefits (49.55 hours)	950.87	8.00	
	14. Unpaid Labour (82.97 hours)	829.70	6.98	
<b>VARIABLE COSTS</b>		<b>18,299.45</b>	<b>154.04</b>	<b>4.91</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	3,442.80	28.98	
	2. Taxes, Water Rates, Lic. & Insurance	686.56	5.78	
	3. Equipment & Building a) Depreciation	3,303.29	27.81	
	b) Lease Payments	299.76	2.52	
	4. Paid Capital Interest	446.77	3.76	
<b>TOTAL CAPITAL COSTS</b>		<b>8,179.17</b>	<b>68.85</b>	<b>2.20</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>22,345.64</b>	<b>188.09</b>	<b>6.00</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>26,478.62</b>	<b>222.88</b>	<b>7.11</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>5,546.49</b>	<b>46.69</b>	<b>1.49</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>2,243.20</b>	<b>18.88</b>	<b>.60</b>
	<b>RETURN TO INVESTMENT (A-E+C4) 1.8 %</b>	<b>1,860.28</b>	<b>15.66</b>	<b>.50</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>1,413.50</b>	<b>11.90</b>	<b>.38</b>
<b>INVESTMENT</b>				
	Land	63,780.00	536.87	
	Buildings	9,280.61	78.12	
	Machinery	30,902.01	260.12	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>103,962.62</b>	<b>875.11</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Bushel)		31.35	
	Expected Market Price Per Bushel		6.23	



**2009 Crops Enterprise Analysis**

<b>All Dryland Yellow Peas</b>		<b>Group AVG</b>	<b>Top 1/3 AVG</b>
<b>Acres Cropped:</b>		<b>118.80</b>	<b>124.00</b>
Enterprises:		20	7
		<b>\$/Acre</b>	<b>\$/Acre</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	195.30	278.83
	2. Crop Insurance Receipts	39.01	28.99
	3. Miscellaneous Receipts	.00	.00
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	.47	.00
<b>GROSS RETURN</b>		<b>234.78</b>	<b>307.82</b>
<b>(B)</b>	1. Seed & Seed Cleaning	36.92	43.37
	2. Fertilizer	6.19	.00
	3. Chemicals	39.59	41.44
	4. Hail / Crop Insurance & Program Premiums	13.24	10.09
	5. Trucking & Marketing	5.18	7.70
	6. Fuel	11.36	12.74
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	11.91	14.10
	9. Repairs - Buildings	1.11	1.30
	10. Utilities & Miscellaneous Expenses	8.57	8.31
	11. Custom Work & Specialized Labour	4.16	1.94
	12. Operating Interest Paid	.81	.62
	13. Paid Labour & Benefits	8.00	7.67
	14. Unpaid Labour	6.98	8.07
<b>VARIABLE COSTS</b>		<b>154.04</b>	<b>157.38</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	28.98	41.25
	2. Taxes, Water Rates, Lic. & Insurance	5.78	2.46
	3. Equipment & Building	27.81	29.30
	a) Depreciation		
	b) Lease Payments	2.52	.00
	4. Paid Capital Interest	3.76	.64
<b>TOTAL CAPITAL COSTS</b>		<b>68.85</b>	<b>73.65</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>188.09</b>	<b>193.66</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>222.88</b>	<b>231.02</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>46.69</b>	<b>114.16</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>18.88</b>	<b>84.86</b>
	<b>RETURN TO INVESTMENT (A-E+C4)</b>	<b>15.66</b>	<b>77.43</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>11.90</b>	<b>76.80</b>
<b>INVESTMENT</b>			
	Land	536.87	233.29
	Buildings	78.12	87.91
	Machinery	260.12	263.51
	Irr. Mach.	.00	.00
<b>TOTAL</b>		<b>875.11</b>	<b>584.71</b>
<b>MANAGEMENT</b>			
	Yield Per Acre (Bushel)	31.35	42.82
	Expected Market Price Per Bushel	6.23	6.51

## 2009 Crops Enterprise Analysis

### Owned Dryland Peas

Acres Cropped: 131.57

Enterprises: 7

		Total \$	\$/Acre	\$/Bushel
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	22,084.90	167.85	5.99
	2. Crop Insurance Receipts	4,356.79	33.11	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
<b>GROSS RETURN</b>		<b>26,441.69</b>	<b>200.97</b>	<b>7.17</b>
<b>(B)</b>	1. Seed & Seed Cleaning	3,793.71	28.83	
	2. Fertilizer Rates: 8P 4S	1,328.00	10.09	
	3. Chemicals	5,215.57	39.64	
	4. Hail / Crop Insurance & Program Premiums	1,569.77	11.93	
	5. Trucking & Marketing	58.19	.44	
	6. Fuel	1,759.51	13.37	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,953.66	14.85	
	9. Repairs - Buildings	185.49	1.41	
	10. Utilities & Miscellaneous Expenses	776.25	5.90	
	11. Custom Work & Specialized Labour	509.86	3.88	
	12. Operating Interest Paid	148.46	1.13	
	13. Paid Labour & Benefits (68.58 hours)	936.10	7.11	
	14. Unpaid Labour (95.82 hours)	958.25	7.28	
<b>VARIABLE COSTS</b>		<b>19,192.81</b>	<b>145.87</b>	<b>5.20</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	1,595.47	12.13	
	3. Equipment & Building a) Depreciation	4,235.93	32.19	
	b) Lease Payments	.00	.00	
	4. Paid Capital Interest	792.25	6.02	
<b>TOTAL CAPITAL COSTS</b>		<b>6,623.65</b>	<b>50.34</b>	<b>1.80</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>20,622.28</b>	<b>156.74</b>	<b>5.59</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>25,816.46</b>	<b>196.22</b>	<b>7.00</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>5,819.41</b>	<b>44.23</b>	<b>1.58</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>1,583.48</b>	<b>12.04</b>	<b>.43</b>
	<b>RETURN TO INVESTMENT (A-E+C4) .6 %</b>	<b>1,417.48</b>	<b>10.77</b>	<b>.38</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>625.23</b>	<b>4.75</b>	<b>.17</b>
<b>INVESTMENT</b>				
	Land	182,228.57	1,385.02	
	Buildings	8,863.57	67.37	
	Machinery	41,779.50	317.54	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>232,871.64</b>	<b>1,769.93</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Bushel)		28.03	
	Expected Market Price Per Bushel		5.99	

## 2009 Crops Enterprise Analysis

### Rented Dryland Yellow Peas

Acres Cropped: 111.92

Enterprises: 13

		Total \$	\$/Acre	\$/Bushel
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	23,802.60	212.67	6.36
	2. Crop Insurance Receipts	4,784.07	42.74	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	86.46	.77	
<b>GROSS RETURN</b>		<b>28,673.13</b>	<b>256.19</b>	<b>7.66</b>
<b>(B)</b>	1. Seed & Seed Cleaning	4,705.52	42.04	
	2. Fertilizer Rates: 0N 2P 0S	415.38	3.71	
	3. Chemicals	4,428.05	39.56	
	4. Hail / Crop Insurance & Program Premiums	1,574.49	14.07	
	5. Trucking & Marketing	915.45	8.18	
	6. Fuel	1,129.47	10.09	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,125.14	10.05	
	9. Repairs - Buildings	103.07	.92	
	10. Utilities & Miscellaneous Expenses	1,148.41	10.26	
	11. Custom Work & Specialized Labour	485.95	4.34	
	12. Operating Interest Paid	68.18	.61	
	13. Paid Labour & Benefits (39.30 hours)	958.82	8.57	
	14. Unpaid Labour (76.05 hours)	760.48	6.79	
<b>VARIABLE COSTS</b>		<b>17,818.41</b>	<b>159.20</b>	<b>4.76</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	5,296.61	47.32	
	2. Taxes, Water Rates, Lic. & Insurance	197.14	1.76	
	3. Equipment & Building a) Depreciation	2,801.09	25.03	
	b) Lease Payments	461.17	4.12	
	4. Paid Capital Interest	260.75	2.33	
<b>TOTAL CAPITAL COSTS</b>		<b>9,016.76</b>	<b>80.56</b>	<b>2.41</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>23,273.60</b>	<b>207.94</b>	<b>6.22</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>26,835.17</b>	<b>239.76</b>	<b>7.17</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>5,399.53</b>	<b>48.24</b>	<b>1.44</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>2,598.44</b>	<b>23.22</b>	<b>.69</b>
	<b>RETURN TO INVESTMENT (A-E+C4) 6.1 %</b>	<b>2,098.70</b>	<b>18.75</b>	<b>.56</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>1,837.96</b>	<b>16.42</b>	<b>.49</b>
<b>INVESTMENT</b>				
	Land	.00	.00	
	Buildings	9,505.18	84.93	
	Machinery	25,044.90	223.77	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>34,550.08</b>	<b>308.69</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Bushel)		33.46	
	Expected Market Price Per Bushel		6.36	

**2009 Crops Enterprise Analysis**

**All Dryland Alfalfa/Grass Hay**

**Acres Cropped: 88.20**

Enterprises: 5

		<b>Total \$</b>	<b>\$/Acre</b>	<b>\$/Tonne</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	3,350.24	37.98	101.44
	2. Crop Insurance Receipts	2,543.04	28.83	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	349.01	3.96	
	<b>GROSS RETURN</b>	<b>6,242.29</b>	<b>70.77</b>	<b>189.01</b>
<b>(B)</b>	1. Seed & Seed Cleaning	.00	.00	
	2. Fertilizer Rates: 8N	100.00	1.13	
	3. Chemicals	.00	.00	
	4. Hail / Crop Insurance & Program Premiums	133.20	1.51	
	5. Trucking & Marketing	.00	.00	
	6. Fuel	601.16	6.82	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,158.27	13.13	
	9. Repairs - Buildings	108.68	1.23	
	10. Utilities & Miscellaneous Expenses	322.76	3.66	
	11. Custom Work & Specialized Labour	.00	.00	
	12. Operating Interest Paid	251.39	2.85	
	13. Paid Labour & Benefits (8.90 hours)	129.94	1.47	
	14. Unpaid Labour (83.14 hours)	831.36	9.43	
	<b>VARIABLE COSTS</b>	<b>3,636.76</b>	<b>41.23</b>	<b>110.12</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	324.00	3.67	
	2. Taxes, Water Rates, Lic. & Insurance	337.81	3.83	
	3. Equipment & Building a) Depreciation	1,161.81	13.17	
	b) Lease Payments	363.94	4.13	
	4. Paid Capital Interest	1,205.90	13.67	
	<b>TOTAL CAPITAL COSTS</b>	<b>3,393.47</b>	<b>38.47</b>	<b>102.75</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>5,037.06</b>	<b>57.11</b>	<b>152.52</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>7,030.23</b>	<b>79.71</b>	<b>212.87</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>1,205.23</b>	<b>13.66</b>	<b>36.49</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>43.42</b>	<b>.49</b>	<b>1.31</b>
	<b>RETURN TO INVESTMENT (A-E+C4) .5 %</b>	<b>417.96</b>	<b>4.74</b>	<b>12.66</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>(787.94)</b>	<b>(8.93)</b>	<b>(23.86)</b>
<b>INVESTMENT</b>				
	Land	79,700.00	903.63	
	Buildings	2,136.21	24.22	
	Machinery	10,755.80	121.95	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>92,592.01</b>	<b>1,049.80</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Tonne)		.37	
	Expected Market Price Per Tonne		101.44	

## 2009 Crops Enterprise Analysis

All Dryland Alfalfa/Grass Hay		Group AVG	Top 1/3 AVG
Acres Cropped:		88.20	70.00
Enterprises:		5	2
		\$/Acre	\$/Acre
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	37.98	47.51
	2. Crop Insurance Receipts	28.83	90.82
	3. Miscellaneous Receipts	.00	.00
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	3.96	1.43
<b>GROSS RETURN</b>		<b>70.77</b>	<b>139.77</b>
<b>(B)</b>	1. Seed & Seed Cleaning	.00	.00
	2. Fertilizer	1.13	3.57
	3. Chemicals	.00	.00
	4. Hail / Crop Insurance & Program Premiums	1.51	4.76
	5. Trucking & Marketing	.00	.00
	6. Fuel	6.82	7.23
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	13.13	10.03
	9. Repairs - Buildings	1.23	.98
	10. Utilities & Miscellaneous Expenses	3.66	3.47
	11. Custom Work & Specialized Labour	.00	.00
	12. Operating Interest Paid	2.85	2.33
	13. Paid Labour & Benefits	1.47	1.20
	14. Unpaid Labour	9.43	7.29
<b>VARIABLE COSTS</b>		<b>41.23</b>	<b>40.84</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	3.67	.00
	2. Taxes, Water Rates, Lic. & Insurance	3.83	7.16
	3. Equipment & Building	13.17	9.53
	a) Depreciation	4.13	7.76
	b) Lease Payments	13.67	39.10
	4. Paid Capital Interest	13.67	39.10
<b>TOTAL CAPITAL COSTS</b>		<b>38.47</b>	<b>63.56</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>57.11</b>	<b>87.58</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>79.71</b>	<b>104.40</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>13.66</b>	<b>52.18</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>.49</b>	<b>42.65</b>
	<b>RETURN TO INVESTMENT (A-E+C4)</b>	<b>4.74</b>	<b>74.47</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>(8.93)</b>	<b>35.36</b>
<b>INVESTMENT</b>			
	Land	903.63	1,942.86
	Buildings	24.22	23.16
	Machinery	121.95	95.28
	Irr. Mach.	.00	.00
<b>TOTAL</b>		<b>1,049.80</b>	<b>2,061.30</b>
<b>MANAGEMENT</b>			
	Yield Per Acre (Tonne)	.37	.37
	Expected Market Price Per Tonne	101.44	127.08

**2009 Crops Enterprise Analysis**  
**Owned Dryland Alfalfa/Grass Hay**

**Acres Cropped: 90.00**

Enterprises: 4

		<b>Total \$</b>	<b>\$/Acre</b>	<b>\$/Tonne</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	3,313.00	36.81	118.09
	2. Crop Insurance Receipts	3,178.80	35.32	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	436.26	4.85	
	<b>GROSS RETURN</b>	<b>6,928.06</b>	<b>76.98</b>	<b>246.95</b>
<b>(B)</b>	1. Seed & Seed Cleaning	.00	.00	
	2. Fertilizer Rates: 10N	125.00	1.39	
	3. Chemicals	.00	.00	
	4. Hail / Crop Insurance & Program Premiums	166.50	1.85	
	5. Trucking & Marketing	.00	.00	
	6. Fuel	609.09	6.77	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	1,231.15	13.68	
	9. Repairs - Buildings	131.69	1.46	
	10. Utilities & Miscellaneous Expenses	339.13	3.77	
	11. Custom Work & Specialized Labour	.00	.00	
	12. Operating Interest Paid	259.59	2.88	
	13. Paid Labour & Benefits (11.12 hours)	162.42	1.80	
	14. Unpaid Labour (89.71 hours)	897.15	9.97	
	<b>VARIABLE COSTS</b>	<b>3,921.72</b>	<b>43.57</b>	<b>139.79</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	380.77	4.23	
	3. Equipment & Building a) Depreciation	1,363.90	15.15	
	b) Lease Payments	271.60	3.02	
	4. Paid Capital Interest	1,479.47	16.44	
	<b>TOTAL CAPITAL COSTS</b>	<b>3,495.74</b>	<b>38.84</b>	<b>124.60</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>5,156.41</b>	<b>57.29</b>	<b>183.80</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>7,417.45</b>	<b>82.42</b>	<b>264.39</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>1,771.65</b>	<b>19.69</b>	<b>63.15</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>407.76</b>	<b>4.53</b>	<b>14.53</b>
	<b>RETURN TO INVESTMENT (A-E+C4) .9 %</b>	<b>990.08</b>	<b>11.00</b>	<b>35.29</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>(489.39)</b>	<b>(5.44)</b>	<b>(17.44)</b>
<b>INVESTMENT</b>				
	Land	99,625.00	1,106.94	
	Buildings	2,618.83	29.10	
	Machinery	12,322.82	136.92	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>114,566.65</b>	<b>1,272.96</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Tonne)		.31	
	Expected Market Price Per Tonne		118.09	

## 2009 Crops Enterprise Analysis

### All Dryland Greenfeed

**Acres Cropped: 104.67**

Enterprises: 3

		Total \$	\$/Acre	\$/Tonne
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	17,209.20	164.42	85.82
	2. Crop Insurance Receipts	1,492.26	14.26	
	3. Miscellaneous Receipts	.00	.00	
	4. Government Program	.00	.00	
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00	
<b>GROSS RETURN</b>		<b>18,701.46</b>	<b>178.68</b>	<b>93.26</b>
<b>(B)</b>	1. Seed & Seed Cleaning	702.73	6.71	
	2. Fertilizer Rates: 58N 12P 1K 4S	4,356.60	41.62	
	3. Chemicals	1,571.95	15.02	
	4. Hail / Crop Insurance & Program Premiums	870.96	8.32	
	5. Trucking & Marketing	115.19	1.10	
	6. Fuel	1,902.71	18.18	
	7. Irrigation Fuel & Electricity	.00	.00	
	8. Repairs - Machine	2,158.29	20.62	
	9. Repairs - Buildings	16.96	.16	
	10. Utilities & Miscellaneous Expenses	1,081.94	10.34	
	11. Custom Work & Specialized Labour	208.37	1.99	
	12. Operating Interest Paid	102.54	.98	
	13. Paid Labour & Benefits (48.53 hours)	829.47	7.92	
	14. Unpaid Labour (46.89 hours)	468.90	4.48	
<b>VARIABLE COSTS</b>		<b>14,386.61</b>	<b>137.45</b>	<b>71.74</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	.00	.00	
	2. Taxes, Water Rates, Lic. & Insurance	1,133.60	10.83	
	3. Equipment & Building a) Depreciation	1,419.58	13.56	
	b) Lease Payments	344.03	3.29	
	4. Paid Capital Interest	2,432.51	23.24	
<b>TOTAL CAPITAL COSTS</b>		<b>5,329.71</b>	<b>50.92</b>	<b>26.58</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>17,827.85</b>	<b>170.33</b>	<b>88.90</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>19,716.32</b>	<b>188.37</b>	<b>98.32</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>873.61</b>	<b>8.35</b>	<b>4.36</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>(545.96)</b>	<b>(5.22)</b>	<b>(2.72)</b>
	<b>RETURN TO INVESTMENT (A-E+C4) .9 %</b>	<b>1,417.65</b>	<b>13.54</b>	<b>7.07</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>(1,014.86)</b>	<b>(9.70)</b>	<b>(5.06)</b>
<b>INVESTMENT</b>				
	Land	145,833.33	1,393.31	
	Buildings	2,769.25	26.46	
	Machinery	14,274.18	136.38	
	Irr. Machinery	.00	.00	
	<b>TOTAL</b>	<b>162,876.76</b>	<b>1,556.15</b>	
<b>MANAGEMENT</b>				
	Yield Per Acre (Tonne)		1.92	
	Expected Market Price Per Tonne		85.82	

## 2009 Crops Enterprise Analysis

All Dryland Greenfeed		Group AVG	Top 1/3 AVG
Acres Cropped:		104.67	95.00
Enterprises:		3	1
		<b>\$/Acre</b>	<b>\$/Acre</b>
<b>(A)</b>	1. Crop Sales - Imputed Value of Production	164.42	186.00
	2. Crop Insurance Receipts	14.26	.00
	3. Miscellaneous Receipts	.00	.00
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00
<b>GROSS RETURN</b>		<b>178.68</b>	<b>186.00</b>
<b>(B)</b>	1. Seed & Seed Cleaning	6.71	8.00
	2. Fertilizer	41.62	13.80
	3. Chemicals	15.02	20.00
	4. Hail / Crop Insurance & Program Premiums	8.32	.00
	5. Trucking & Marketing	1.10	3.64
	6. Fuel	18.18	8.47
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	20.62	12.84
	9. Repairs - Buildings	.16	.29
	10. Utilities & Miscellaneous Expenses	10.34	9.90
	11. Custom Work & Specialized Labour	1.99	6.58
	12. Operating Interest Paid	.98	.00
	13. Paid Labour & Benefits	7.92	3.55
	14. Unpaid Labour	4.48	4.98
<b>VARIABLE COSTS</b>		<b>137.45</b>	<b>92.05</b>
<b>(C)</b>	1. Cash/Share Rent & Land Lease	.00	.00
	2. Taxes, Water Rates, Lic. & Insurance	10.83	10.76
	3. Equipment & Building	13.56	8.68
	a) Depreciation	3.29	.00
	b) Lease Payments	23.24	7.19
	4. Paid Capital Interest	23.24	7.19
<b>TOTAL CAPITAL COSTS</b>		<b>50.92</b>	<b>26.63</b>
<b>(D)</b>	<b>CASH COSTS (B+C-B14-C3)</b>	<b>170.33</b>	<b>105.02</b>
<b>(E)</b>	<b>TOTAL PRODUCTION COSTS (B+C)</b>	<b>188.37</b>	<b>118.68</b>
<b>(F)</b>	<b>GROSS MARGIN (A-D)</b>	<b>8.35</b>	<b>80.98</b>
	<b>RETURN TO UNPAID LABOUR(A-E+B14)</b>	<b>(5.22)</b>	<b>72.30</b>
	<b>RETURN TO INVESTMENT (A-E+C4)</b>	<b>13.54</b>	<b>74.51</b>
	<b>RETURN TO EQUITY (A-E)</b>	<b>(9.70)</b>	<b>67.32</b>
<b>INVESTMENT</b>			
	Land	1,393.31	1,100.00
	Buildings	26.46	62.72
	Machinery	136.38	60.18
	Irr. Mach.	.00	.00
<b>TOTAL</b>		<b>1,556.15</b>	<b>1,222.90</b>
<b>MANAGEMENT</b>			
	Yield Per Acre (Tonne)	1.92	1.83
	Expected Market Price Per Tonne	85.82	101.75



**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