

# *AgriProfit\$*

**Cost and Return Profiles for  
Selected Crops, 2006**

***Grey-Wooded Soil Zone***

**Alberta**



April 2008

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## OVERVIEW

### 2006 Grey-Wooded Soil Zone

The AgriProfit\$ Cost and Return study is a provincial overview of costs and returns for various annual field crops and forages grown throughout the province. Participating farmers are interviewed throughout the winter and the Alberta Agriculture and Rural Development (ARD), Economics Unit compiles all the information into this summary package. This detailed and world-class database is used for extension and research purposes.

In this package you will find a brief summary of various field crops and forages grown in the grey-wooded soil zone. Where numbers warrant, there are two levels of analysis – the group average and the top third. The top third analysis is based on the top third of fields that have the highest return to equity.

The map on the upper right illustrates the grey-wooded soil zone areas in Alberta. Please note that farms highlighted within this zone may contain characteristics of neighbouring soil zones, however, this is the grouping method used for this study.

The map on the lower right highlights the locations of participating farmers for the AgriProfits program season, for January 2006 to December 2006.

For questions regarding this document please contact:

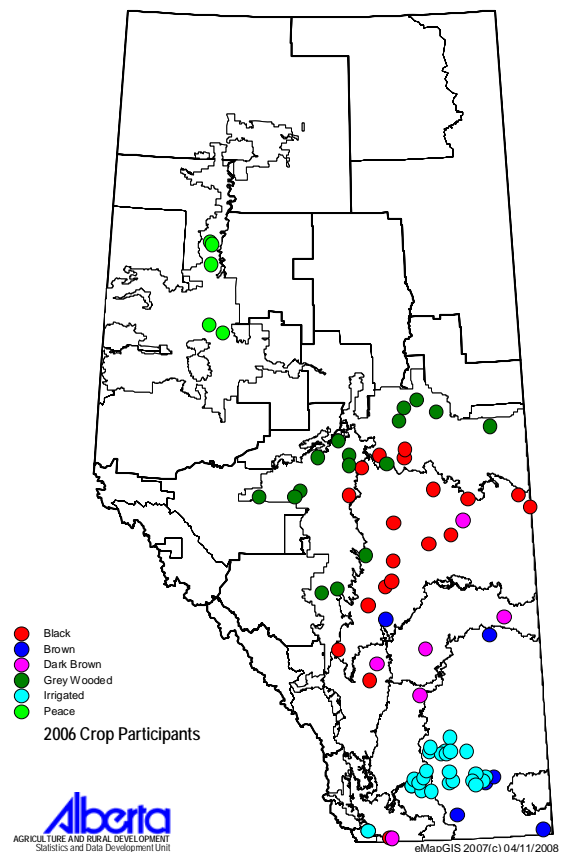
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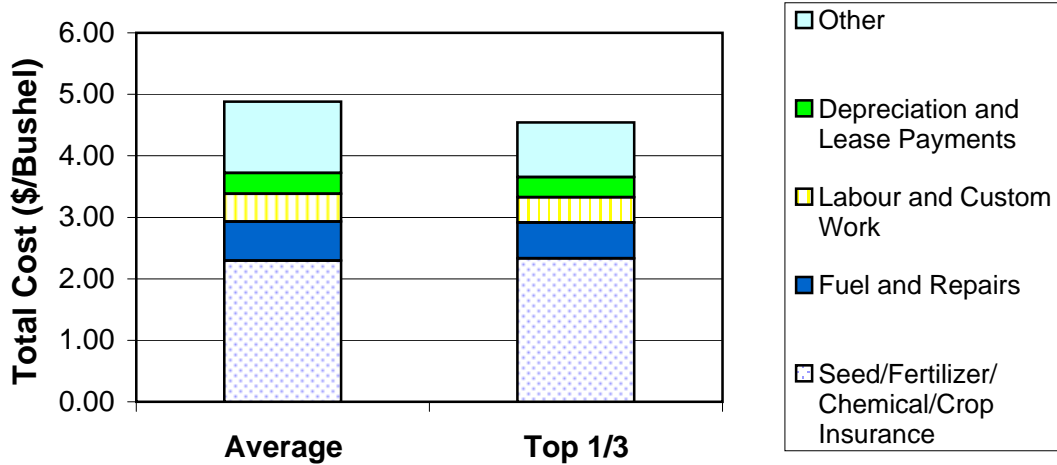
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#### Acknowledgements:

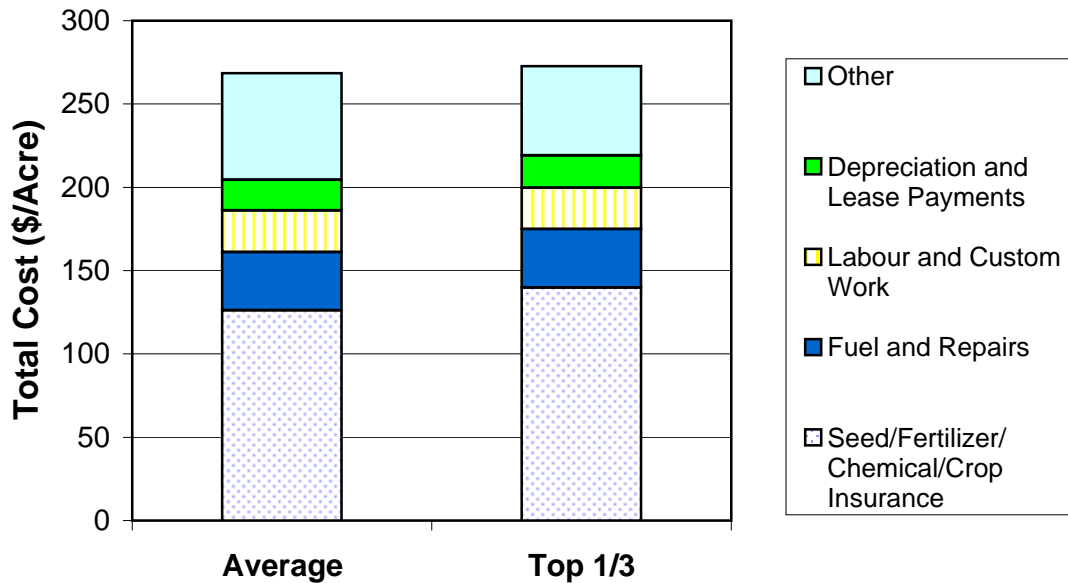
Dale Kaliel, Pauline Van Biert, Shukun Guan, Guangzhi Liu, Nabi Chaudhary, Karla Bergstrom, Interviewers and Participants.



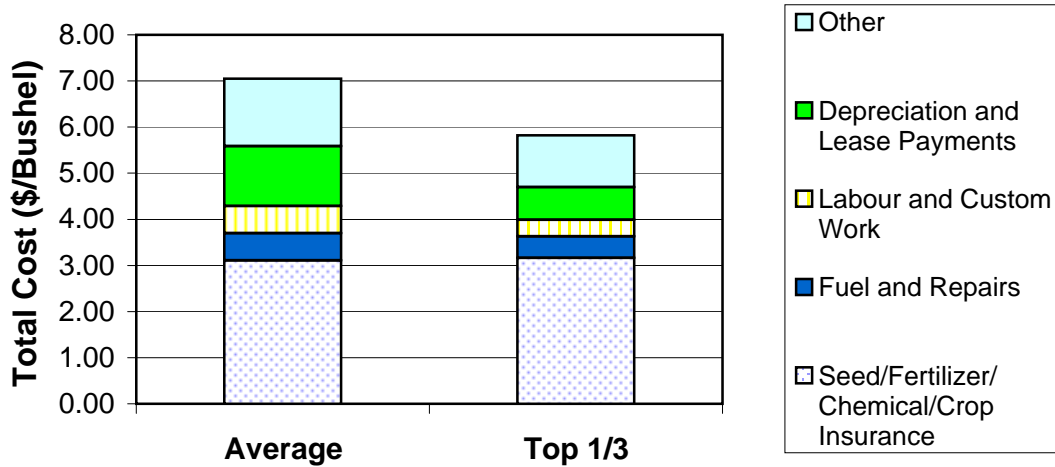
### 2006 Spring Wheat in Grey-Wooded Soil Zones (on Stubble)



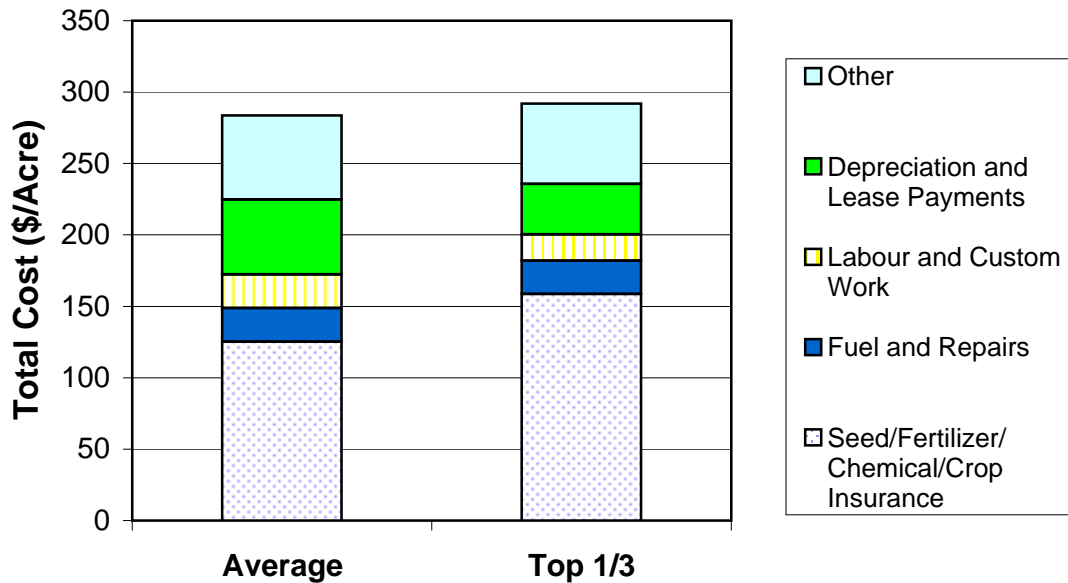
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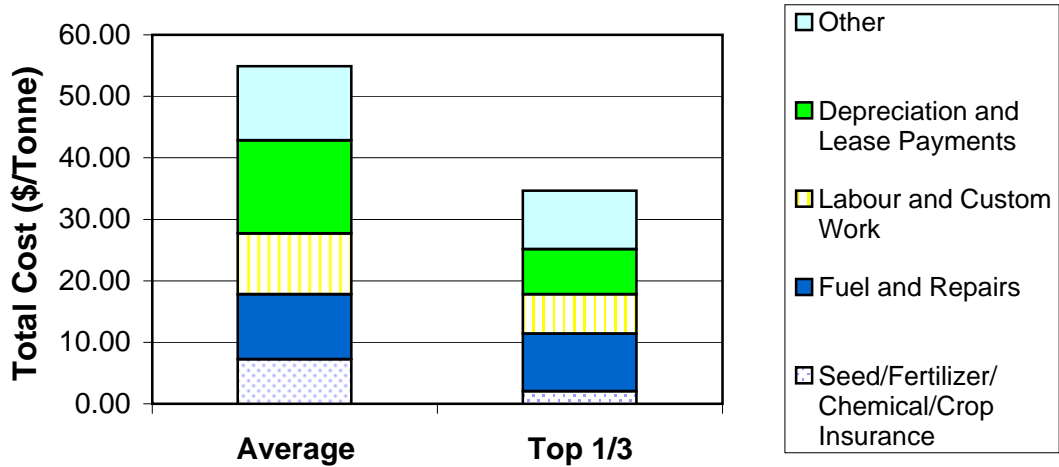
## 2006 Roundup Ready Canola in Grey-Wooded Soil Zones (on Stubble)



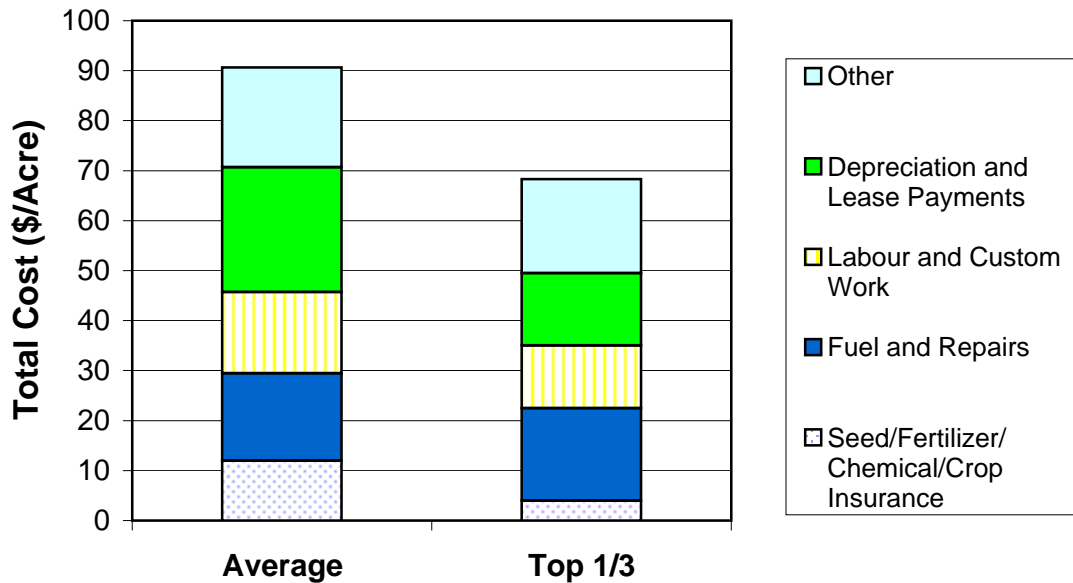
## 2006 Roundup Ready Canola in Grey-Wooded Soil Zones (on Stubble)



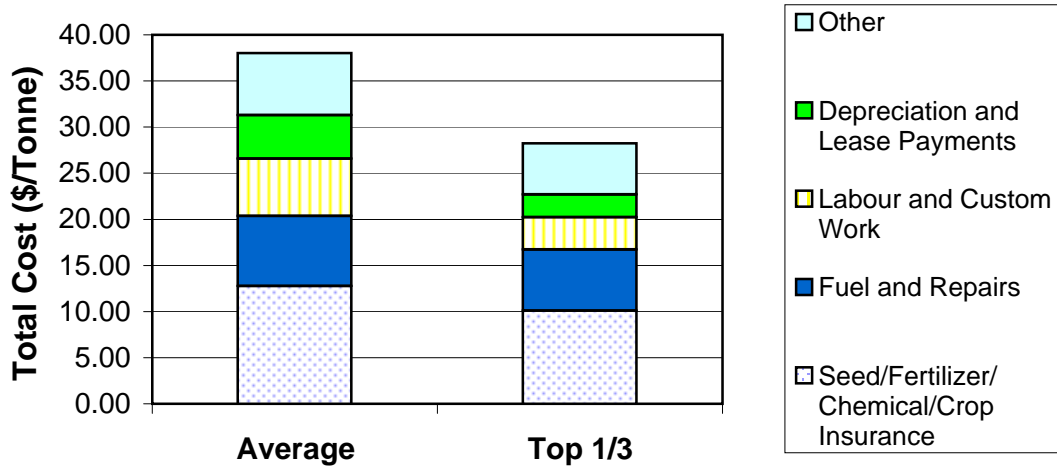
### 2006 Mixed Hay in Grey-Wooded Soil Zones



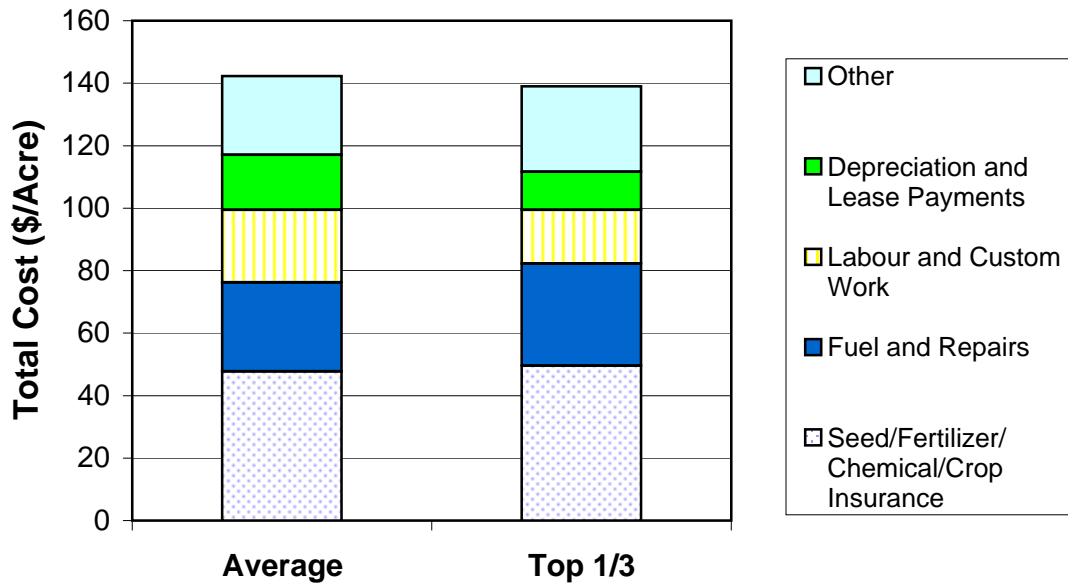
### 2006 Mixed Hay in Grey-Wooded Soil Zones



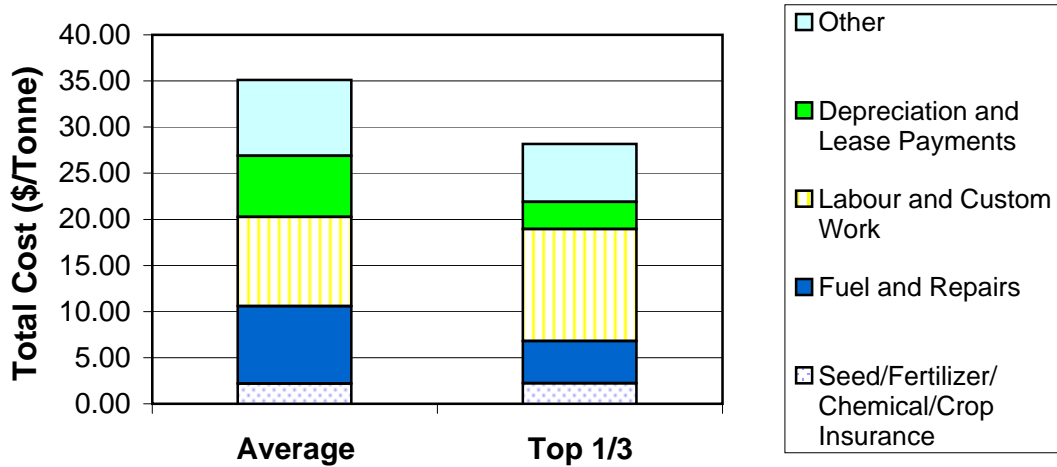
## 2006 Grain Silage in Grey-Wooded Soil Zones



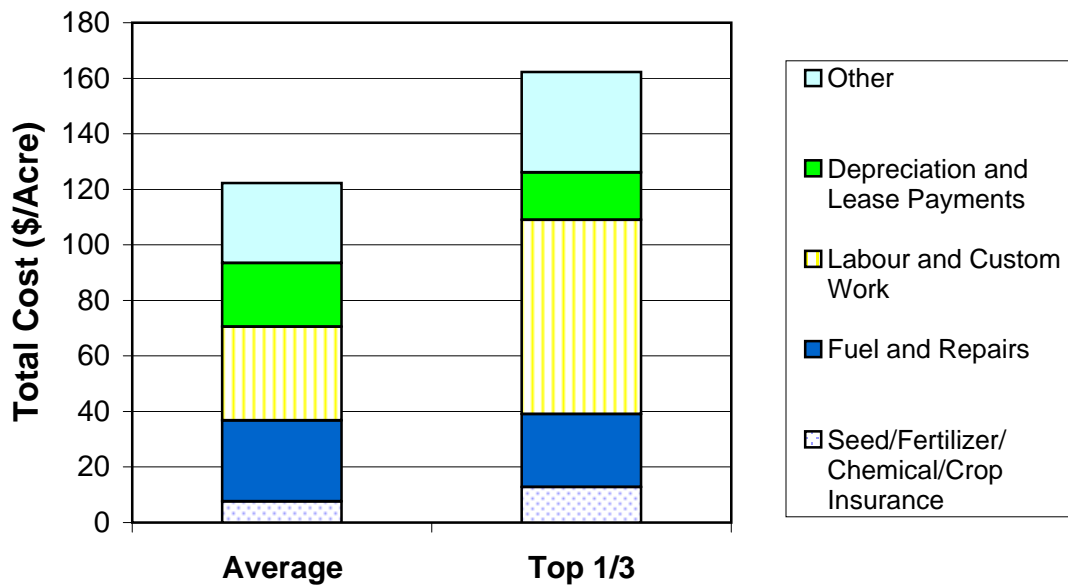
## 2006 Grain Silage in Grey-Wooded Soil Zones



## 2006 Haylage in Grey-Wooded Soil Zones



## 2006 Haylage in Grey-Wooded Soil Zones





## 2006 Crop Enterprise Analysis

*AgriProfit\$*

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

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	242.50	270.06	4.41	4.50
	2. Crop Insurance Receipts	23.12	23.00	0.42	0.38
	3. Other Receipts	16.89	11.59	0.31	0.19
	<b>Gross Receipts</b>	<b>282.51</b>	<b>304.64</b>	<b>5.14</b>	<b>5.08</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	7.36	9.60	0.13	0.16
	2. Fertilizer	71.85	80.08	1.31	1.33
	3. Chemical	35.76	38.03	0.65	0.63
	4. Hail/Crop Insurance Premium	11.26	12.14	0.20	0.20
	5. Trucking and Marketing	4.91	3.05	0.09	0.05
	6. Fuel	18.39	18.45	0.33	0.31
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	16.52	16.65	0.30	0.28
	9. Repairs - Buildings	0.03	0.09	0.00	0.00
	10. Utilities and Miscellaneous	17.80	11.67	0.32	0.19
	11. Custom Work	6.90	7.06	0.13	0.12
	12. Operating Interest Paid	3.68	3.66	0.07	0.06
	13. Paid Labour	4.26	2.46	0.08	0.04
	14. Unpaid Labour	13.76	15.12	0.25	0.25
	<b>Variable Costs</b>	<b>212.48</b>	<b>218.04</b>	<b>3.86</b>	<b>3.63</b>
<b>(C)</b>	1. Cash/ Share Land Rent	16.60	15.02	0.30	0.25
	2. Taxes, Water Rates, License & Ins.	2.90	3.54	0.05	0.06
	3. Equipment and Building: a) Depreciation	18.53	19.55	0.34	0.33
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	18.07	16.53	0.33	0.28
	<b>Capital Costs</b>	<b>56.11</b>	<b>54.64</b>	<b>1.02</b>	<b>0.91</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>236.29</b>	<b>238.02</b>	<b>4.30</b>	<b>3.97</b>
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>268.58</b>	<b>272.68</b>	<b>4.88</b>	<b>4.54</b>
	<b>Gross Margin (A-D)</b>	<b>46.22</b>	<b>66.63</b>	<b>0.84</b>	<b>1.11</b>
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>27.69</b>	<b>47.08</b>	<b>0.50</b>	<b>0.78</b>
	<b>Return to Investment (A-E+C4)</b>	<b>31.99</b>	<b>48.50</b>	<b>0.58</b>	<b>0.81</b>
	<b>Return to Equity (A-E)</b>	<b>13.92</b>	<b>31.96</b>	<b>0.25</b>	<b>0.53</b>

**Investment**

Buildings	57.38	62.03
Machinery	168.05	184.38
Irrigation Machinery	0.00	0.00
<b>Total (incl. Land)</b>	<b>681.63</b>	<b>952.29</b>

**Management**

Average Yield (Bushel/acre)	55.00	60.01
Expected Market Price (\$/Bushel)	4.41	4.50

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** Spring Wheat - Own  
**Soil Zone:** Grey-Wooded - Dryland - Stubble  
**Unit:** Bushel

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	256.34	--	4.50	--
	2. Crop Insurance Receipts	27.00	--	0.47	--
	3. Other Receipts	13.92	--	0.24	--
	<b>Gross Receipts</b>	<b>297.26</b>	<b>0.00</b>	<b>5.21</b>	<b>0.00</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	7.48	--	0.13	--
	2. Fertilizer	78.15	--	1.37	--
	3. Chemical	38.58	--	0.68	--
	4. Hail/Crop Insurance Premium	11.51	--	0.20	--
	5. Trucking and Marketing	3.69	--	0.06	--
	6. Fuel	18.81	--	0.33	--
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--
	8. Repairs - Machinery	17.17	--	0.30	--
	9. Repairs - Buildings	0.04	--	0.00	--
	10. Utilities and Miscellaneous	12.73	--	0.22	--
	11. Custom Work	7.12	--	0.12	--
	12. Operating Interest Paid	4.30	--	0.08	--
	13. Paid Labour	2.59	--	0.05	--
	14. Unpaid Labour	15.54	--	0.27	--
	<b>Variable Costs</b>	<b>217.73</b>	<b>0.00</b>	<b>3.82</b>	<b>0.00</b>
<b>(C)</b>	1. Cash/ Share Land Rent	0.00	--	0.00	--
	2. Taxes, Water Rates, License & Ins.	3.93	--	0.07	--
	3. Equipment and Building: a) Depreciation	16.83	--	0.30	--
	b) Lease Payments	0.00	--	0.00	--
4. Paid Capital Interest	35.77	--	0.63	--	
	<b>Capital Costs</b>	<b>56.54</b>	<b>0.00</b>	<b>0.99</b>	<b>0.00</b>
<b>(D)</b>	<b>Cash Costs</b>	<b>(B+C-B14-C3a)</b>	<b>241.90</b>	<b>--</b>	<b>4.24</b>
<b>(E)</b>	<b>Total Production Costs</b>	<b>(B+C)</b>	<b>274.28</b>	<b>--</b>	<b>4.81</b>
	<b>Gross Margin</b>	<b>(A-D)</b>	<b>55.36</b>	<b>--</b>	<b>0.97</b>
	<b>Return to Unpaid Labour</b>	<b>(A-E+B14)</b>	<b>38.53</b>	<b>--</b>	<b>0.68</b>
	<b>Return to Investment</b>	<b>(A-E+C4)</b>	<b>58.76</b>	<b>--</b>	<b>1.03</b>
	<b>Return to Equity</b>	<b>(A-E)</b>	<b>22.99</b>	<b>--</b>	<b>0.40</b>

### Investment

Buildings	45.84	--
Machinery	160.62	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>1156.23</b>	<b>--</b>

### Management

Average Yield	(Bushel/acre)	57.03	--
Expected Market Price	(\$/Bushel)	4.50	--

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** *Spring Wheat - Rent*  
**Soil Zone:** *Grey-Wooded - Dryland - Stubble*  
**Unit:** *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
<b>(A)</b>	1. Crop Sales	229.71	--	4.32	--	
	2. Crop Insurance Receipts	19.53	--	0.37	--	
	3. Other Receipts	19.63	--	0.37	--	
	<b>Gross Receipts</b>	<b>268.87</b>	<b>0.00</b>	<b>5.06</b>	<b>0.00</b>	
<b>(B)</b>	<b>Cost Items</b>					
	1. Seed	7.24	--	0.14	--	
	2. Fertilizer	66.02	--	1.24	--	
	3. Chemical	33.15	--	0.62	--	
	4. Hail/Crop Insurance Premium	11.04	--	0.21	--	
	5. Trucking and Marketing	6.03	--	0.11	--	
	6. Fuel	17.99	--	0.34	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	15.92	--	0.30	--	
	9. Repairs - Buildings	0.02	--	0.00	--	
	10. Utilities and Miscellaneous	22.48	--	0.42	--	
	11. Custom Work	6.70	--	0.13	--	
	12. Operating Interest Paid	3.11	--	0.06	--	
	13. Paid Labour	5.80	--	0.11	--	
	14. Unpaid Labour	12.11	--	0.23	--	
<b>Variable Costs</b>	<b>207.62</b>	<b>0.00</b>	<b>3.91</b>	<b>0.00</b>		
<b>(C)</b>	1. Cash/ Share Land Rent	31.94	--	0.60	--	
	2. Taxes, Water Rates, License & Ins.	1.96	--	0.04	--	
	3. Equipment and Building:	a) Depreciation	20.10	--	0.38	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	1.70	--	0.03	--	
<b>Capital Costs</b>	<b>55.70</b>	<b>0.00</b>	<b>1.05</b>	<b>0.00</b>		
<b>(D)</b>	<b>Cash Costs</b>	<b>231.11</b>	<b>--</b>	<b>4.35</b>	<b>--</b>	
<b>(E)</b>	<b>Total Production Costs</b>	<b>263.32</b>	<b>--</b>	<b>4.96</b>	<b>--</b>	
	<b>Gross Margin</b>	<b>37.76</b>	<b>--</b>	<b>0.71</b>	<b>--</b>	
	<b>Return to Unpaid Labour</b>	<b>17.66</b>	<b>--</b>	<b>0.33</b>	<b>--</b>	
	<b>Return to Investment</b>	<b>7.25</b>	<b>--</b>	<b>0.14</b>	<b>--</b>	
	<b>Return to Equity</b>	<b>5.55</b>	<b>--</b>	<b>0.10</b>	<b>--</b>	

**Investment**

Buildings	68.04	--
Machinery	174.92	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>242.96</b>	<b>--</b>

**Management**

Average Yield	(Bushel/acre)	53.12	--
Expected Market Price	(\$/Bushel)	4.32	--

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** CPS Wheat - All  
**Soil Zone:** Grey-Wooded - Dryland - Stubble  
**Unit:** Bushel

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	304.00	227.43	3.88	3.84
	2. Crop Insurance Receipts	35.30	126.92	0.45	2.15
	3. Other Receipts	12.16	36.71	0.15	0.62
	<b>Gross Receipts</b>	<b>351.46</b>	<b>391.07</b>	<b>4.48</b>	<b>6.61</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	16.84	15.77	0.21	0.27
	2. Fertilizer	69.87	33.64	0.89	0.57
	3. Chemical	29.62	27.02	0.38	0.46
	4. Hail/Crop Insurance Premium	18.58	15.28	0.24	0.26
	5. Trucking and Marketing	1.95	4.03	0.02	0.07
	6. Fuel	15.61	12.19	0.20	0.21
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	10.10	6.81	0.13	0.12
	9. Repairs - Buildings	0.29	0.07	0.00	0.00
	10. Utilities and Miscellaneous	10.96	14.04	0.14	0.24
	11. Custom Work	3.21	2.62	0.04	0.04
	12. Operating Interest Paid	1.24	2.82	0.02	0.05
	13. Paid Labour	2.59	4.89	0.03	0.08
	14. Unpaid Labour	13.66	8.49	0.17	0.14
	<b>Variable Costs</b>	<b>194.52</b>	<b>147.66</b>	<b>2.48</b>	<b>2.50</b>
<b>(C)</b>	1. Cash/ Share Land Rent	15.28	46.34	0.19	0.78
	2. Taxes, Water Rates, License & Ins.	5.10	1.41	0.06	0.02
	3. Equipment and Building: a) Depreciation	40.00	36.27	0.51	0.61
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	10.22	4.20	0.13	0.07	
	<b>Capital Costs</b>	<b>70.59</b>	<b>88.22</b>	<b>0.90</b>	<b>1.49</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>211.44</b>	<b>191.12</b>	<b>2.70</b>	<b>3.23</b>
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>265.10</b>	<b>235.88</b>	<b>3.38</b>	<b>3.99</b>
	<b>Gross Margin (A-D)</b>	<b>140.02</b>	<b>199.95</b>	<b>1.78</b>	<b>3.38</b>
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>100.02</b>	<b>163.68</b>	<b>1.27</b>	<b>2.77</b>
	<b>Return to Investment (A-E+C4)</b>	<b>96.57</b>	<b>159.38</b>	<b>1.23</b>	<b>2.69</b>
	<b>Return to Equity (A-E)</b>	<b>86.36</b>	<b>155.18</b>	<b>1.10</b>	<b>2.62</b>

**Investment**

Buildings	138.95	67.91
Machinery	372.06	365.92
Irrigation Machinery	0.00	0.00
<b>Total (incl. Land)</b>	<b>1526.59</b>	<b>433.82</b>

**Management**

Average Yield (Bushel/acre)	78.45	59.17
Expected Market Price (\$/Bushel)	3.88	3.84

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** CPS Wheat - Own  
**Soil Zone:** Grey-Wooded - Dryland - Stubble  
**Unit:** Bushel

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
<b>(A)</b>	1. Crop Sales	350.14	--	3.93	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	0.61	--	0.01	--	
	<b>Gross Receipts</b>	<b>350.76</b>	<b>0.00</b>	<b>3.93</b>	<b>0.00</b>	
<b>(B)</b>	<b>Cost Items</b>					
	1. Seed	18.12	--	0.20	--	
	2. Fertilizer	86.26	--	0.97	--	
	3. Chemical	31.69	--	0.36	--	
	4. Hail/Crop Insurance Premium	20.79	--	0.23	--	
	5. Trucking and Marketing	0.66	--	0.01	--	
	6. Fuel	17.58	--	0.20	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	12.41	--	0.14	--	
	9. Repairs - Buildings	0.41	--	0.00	--	
	10. Utilities and Miscellaneous	9.27	--	0.10	--	
	11. Custom Work	3.14	--	0.04	--	
	12. Operating Interest Paid	0.86	--	0.01	--	
	13. Paid Labour	2.00	--	0.02	--	
	14. Unpaid Labour	16.34	--	0.18	--	
<b>Variable Costs</b>	<b>219.53</b>	<b>0.00</b>	<b>2.46</b>	<b>0.00</b>		
<b>(C)</b>	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	7.03	--	0.08	--	
	3. Equipment and Building:	a) Depreciation	41.86	--	0.47	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	13.46	--	0.15	--	
<b>Capital Costs</b>	<b>62.35</b>	<b>0.00</b>	<b>0.70</b>	<b>0.00</b>		
<b>(D)</b>	<b>Cash Costs</b>	<b>(B+C-B14-C3a)</b>	<b>223.69</b>	<b>--</b>	<b>2.51</b>	<b>--</b>
<b>(E)</b>	<b>Total Production Costs</b>	<b>(B+C)</b>	<b>281.88</b>	<b>--</b>	<b>3.16</b>	<b>--</b>
	<b>Gross Margin</b>	<b>(A-D)</b>	<b>127.07</b>	<b>--</b>	<b>1.42</b>	<b>--</b>
	<b>Return to Unpaid Labour</b>	<b>(A-E+B14)</b>	<b>85.21</b>	<b>--</b>	<b>0.96</b>	<b>--</b>
	<b>Return to Investment</b>	<b>(A-E+C4)</b>	<b>82.33</b>	<b>--</b>	<b>0.92</b>	<b>--</b>
	<b>Return to Equity</b>	<b>(A-E)</b>	<b>68.87</b>	<b>--</b>	<b>0.77</b>	<b>--</b>

### Investment

Buildings	176.38	--
Machinery	373.17	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>2081.25</b>	<b>--</b>

### Management

Average Yield	(Bushel/acre)	89.20	--
Expected Market Price	(\$/Bushel)	3.93	--

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** CPS Wheat - Rent  
**Soil Zone:** Grey-Wooded - Dryland - Stubble  
**Unit:** Bushel

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
<b>(A)</b>	1. Crop Sales	213.21	--	3.72	--	
	2. Crop Insurance Receipts	104.75	--	1.83	--	
	3. Other Receipts	34.89	--	0.61	--	
	<b>Gross Receipts</b>	<b>352.85</b>	<b>0.00</b>	<b>6.16</b>	<b>0.00</b>	
<b>(B)</b>	<b>Cost Items</b>					
	1. Seed	14.33	--	0.25	--	
	2. Fertilizer	37.62	--	0.66	--	
	3. Chemical	25.55	--	0.45	--	
	4. Hail/Crop Insurance Premium	14.23	--	0.25	--	
	5. Trucking and Marketing	4.48	--	0.08	--	
	6. Fuel	11.74	--	0.20	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	5.57	--	0.10	--	
	9. Repairs - Buildings	0.05	--	0.00	--	
	10. Utilities and Miscellaneous	14.26	--	0.25	--	
	11. Custom Work	3.33	--	0.06	--	
	12. Operating Interest Paid	1.97	--	0.03	--	
	13. Paid Labour	3.75	--	0.07	--	
	14. Unpaid Labour	8.41	--	0.15	--	
<b>Variable Costs</b>	<b>145.29</b>	<b>0.00</b>	<b>2.54</b>	<b>0.00</b>		
<b>(C)</b>	1. Cash/ Share Land Rent	45.33	--	0.79	--	
	2. Taxes, Water Rates, License & Ins.	1.30	--	0.02	--	
	3. Equipment and Building:	a) Depreciation	36.33	--	0.63	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	3.83	--	0.07	--	
<b>Capital Costs</b>	<b>86.79</b>	<b>0.00</b>	<b>1.51</b>	<b>0.00</b>		
<b>(D)</b>	<b>Cash Costs</b>	<b>187.35</b>	<b>--</b>	<b>3.27</b>	<b>--</b>	
<b>(E)</b>	<b>Total Production Costs</b>	<b>232.09</b>	<b>--</b>	<b>4.05</b>	<b>--</b>	
	<b>Gross Margin</b>	<b>165.50</b>	<b>--</b>	<b>2.89</b>	<b>--</b>	
	<b>Return to Unpaid Labour</b>	<b>129.17</b>	<b>--</b>	<b>2.25</b>	<b>--</b>	
	<b>Return to Investment</b>	<b>124.59</b>	<b>--</b>	<b>2.17</b>	<b>--</b>	
	<b>Return to Equity</b>	<b>120.76</b>	<b>--</b>	<b>2.11</b>	<b>--</b>	

**Investment**

Buildings	65.29	--
Machinery	369.87	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>435.16</b>	<b>--</b>

**Management**

Average Yield	(Bushel/acre)	57.31	--
Expected Market Price	(\$/Bushel)	3.72	--

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

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

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	227.78	240.53	2.80	2.78
	2. Crop Insurance Receipts	10.06	11.89	0.12	0.14
	3. Other Receipts	41.65	33.25	0.51	0.38
<b>Gross Receipts</b>		<b>279.48</b>	<b>285.67</b>	<b>3.43</b>	<b>3.30</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	14.19	14.86	0.17	0.17
	2. Fertilizer	52.44	57.92	0.64	0.67
	3. Chemical	24.27	26.16	0.30	0.30
	4. Hail/Crop Insurance Premium	11.83	12.99	0.15	0.15
	5. Trucking and Marketing	3.83	2.85	0.05	0.03
	6. Fuel	14.02	13.36	0.17	0.15
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	12.80	10.10	0.16	0.12
	9. Repairs - Buildings	0.15	0.12	0.00	0.00
	10. Utilities and Miscellaneous	13.55	13.45	0.17	0.16
	11. Custom Work	3.14	3.69	0.04	0.04
	12. Operating Interest Paid	5.18	5.08	0.06	0.06
	13. Paid Labour	7.22	7.89	0.09	0.09
	14. Unpaid Labour	11.34	8.73	0.14	0.10
<b>Variable Costs</b>		<b>173.96</b>	<b>177.20</b>	<b>2.14</b>	<b>2.05</b>
<b>(C)</b>	1. Cash/ Share Land Rent	5.71	2.02	0.07	0.02
	2. Taxes, Water Rates, License & Ins.	5.76	5.60	0.07	0.06
	3. Equipment and Building: a) Depreciation	43.30	36.12	0.53	0.42
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	10.30	8.69	0.13	0.10
<b>Capital Costs</b>		<b>65.07</b>	<b>52.42</b>	<b>0.80</b>	<b>0.61</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>184.39</b>	<b>184.77</b>	<b>2.26</b>	<b>2.14</b>
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>239.03</b>	<b>229.62</b>	<b>2.94</b>	<b>2.66</b>
	<b>Gross Margin (A-D)</b>	<b>95.09</b>	<b>100.89</b>	<b>1.17</b>	<b>1.17</b>
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>51.79</b>	<b>64.78</b>	<b>0.64</b>	<b>0.75</b>
	<b>Return to Investment (A-E+C4)</b>	<b>50.75</b>	<b>64.73</b>	<b>0.62</b>	<b>0.75</b>
	<b>Return to Equity (A-E)</b>	<b>40.45</b>	<b>56.05</b>	<b>0.50</b>	<b>0.65</b>

**Investment**

Buildings	80.65	74.83
Machinery	433.99	355.45
Irrigation Machinery	0.00	0.00
<b>Total (incl. Land)</b>	<b>1683.02</b>	<b>1646.40</b>

**Management**

Average Yield (Bushel/acre)	81.43	86.45
Expected Market Price (\$/Bushel)	2.80	2.78

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** *Feed Barley - Own*  
**Soil Zone:** *Grey-Wooded - Dryland - Stubble*  
**Unit:** *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
<b>(A)</b>	1. Crop Sales	231.17	--	2.78	--	
	2. Crop Insurance Receipts	5.76	--	0.07	--	
	3. Other Receipts	41.72	--	0.50	--	
	<b>Gross Receipts</b>	<b>278.64</b>	<b>0.00</b>	<b>3.35</b>	<b>0.00</b>	
<b>(B)</b>	<b>Cost Items</b>					
	1. Seed	14.41	--	0.17	--	
	2. Fertilizer	55.14	--	0.66	--	
	3. Chemical	25.30	--	0.30	--	
	4. Hail/Crop Insurance Premium	12.00	--	0.14	--	
	5. Trucking and Marketing	3.13	--	0.04	--	
	6. Fuel	13.58	--	0.16	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	11.26	--	0.14	--	
	9. Repairs - Buildings	0.16	--	0.00	--	
	10. Utilities and Miscellaneous	13.46	--	0.16	--	
	11. Custom Work	3.15	--	0.04	--	
	12. Operating Interest Paid	5.74	--	0.07	--	
	13. Paid Labour	7.90	--	0.10	--	
	14. Unpaid Labour	10.35	--	0.12	--	
<b>Variable Costs</b>	<b>175.57</b>	<b>0.00</b>	<b>2.11</b>	<b>0.00</b>		
<b>(C)</b>	1. Cash/ Share Land Rent	0.00	--	0.00	--	
	2. Taxes, Water Rates, License & Ins.	5.50	--	0.07	--	
	3. Equipment and Building:	a) Depreciation	44.78	--	0.54	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	11.49	--	0.14	--	
<b>Capital Costs</b>	<b>61.77</b>	<b>0.00</b>	<b>0.74</b>	<b>0.00</b>		
<b>(D)</b>	<b>Cash Costs</b>	<b>182.22</b>	<b>--</b>	<b>2.19</b>	<b>--</b>	
<b>(E)</b>	<b>Total Production Costs</b>	<b>237.34</b>	<b>--</b>	<b>2.85</b>	<b>--</b>	
	<b>Gross Margin</b>	<b>96.42</b>	<b>--</b>	<b>1.16</b>	<b>--</b>	
	<b>Return to Unpaid Labour</b>	<b>51.65</b>	<b>--</b>	<b>0.62</b>	<b>--</b>	
	<b>Return to Investment</b>	<b>52.79</b>	<b>--</b>	<b>0.63</b>	<b>--</b>	
	<b>Return to Equity</b>	<b>41.30</b>	<b>--</b>	<b>0.50</b>	<b>--</b>	

**Investment**

Buildings	81.61	--
Machinery	447.85	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>1876.04</b>	<b>--</b>

**Management**

Average Yield	(Bushel/acre)	83.15	--
Expected Market Price	(\$/Bushel)	2.78	--



## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** *Feed Barley - Rent*  
**Soil Zone:** *Grey-Wooded - Dryland - Stubble*  
**Unit:** *Bushel*

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
<b>(A)</b>	1. Crop Sales	205.56	--	2.93	--	
	2. Crop Insurance Receipts	38.25	--	0.55	--	
	3. Other Receipts	41.19	--	0.59	--	
	<b>Gross Receipts</b>	<b>285.00</b>	<b>0.00</b>	<b>4.06</b>	<b>0.00</b>	
<b>(B)</b>	<b>Cost Items</b>					
	1. Seed	12.70	--	0.18	--	
	2. Fertilizer	34.77	--	0.50	--	
	3. Chemical	17.54	--	0.25	--	
	4. Hail/Crop Insurance Premium	10.73	--	0.15	--	
	5. Trucking and Marketing	8.44	--	0.12	--	
	6. Fuel	16.88	--	0.24	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	22.94	--	0.33	--	
	9. Repairs - Buildings	0.04	--	0.00	--	
	10. Utilities and Miscellaneous	14.20	--	0.20	--	
	11. Custom Work	3.04	--	0.04	--	
	12. Operating Interest Paid	1.54	--	0.02	--	
	13. Paid Labour	2.74	--	0.04	--	
	14. Unpaid Labour	17.85	--	0.25	--	
	<b>Variable Costs</b>	<b>163.41</b>	<b>0.00</b>	<b>2.33</b>	<b>0.00</b>	
<b>(C)</b>	1. Cash/ Share Land Rent	43.15	--	0.62	--	
	2. Taxes, Water Rates, License & Ins.	7.44	--	0.11	--	
	3. Equipment and Building:	a) Depreciation	33.64	--	0.48	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	2.48	--	0.04	--	
	<b>Capital Costs</b>	<b>86.71</b>	<b>0.00</b>	<b>1.24</b>	<b>0.00</b>	
<b>(D)</b>	<b>Cash Costs</b>	<b>(B+C-B14-C3a)</b>	<b>198.63</b>	<b>--</b>	<b>2.83</b>	
<b>(E)</b>	<b>Total Production Costs</b>	<b>(B+C)</b>	<b>250.12</b>	<b>--</b>	<b>3.57</b>	
	<b>Gross Margin</b>	<b>(A-D)</b>	<b>86.38</b>	<b>--</b>	<b>1.23</b>	
	<b>Return to Unpaid Labour</b>	<b>(A-E+B14)</b>	<b>52.73</b>	<b>--</b>	<b>0.75</b>	
	<b>Return to Investment</b>	<b>(A-E+C4)</b>	<b>37.36</b>	<b>--</b>	<b>0.53</b>	
	<b>Return to Equity</b>	<b>(A-E)</b>	<b>34.89</b>	<b>--</b>	<b>0.50</b>	

**Investment**

Buildings	74.34	--
Machinery	343.15	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>417.49</b>	<b>--</b>

**Management**

Average Yield	(Bushel/acre)	70.13	--
Expected Market Price	(\$/Bushel)	2.93	--

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** Oats - All  
**Soil Zone:** Grey-Wooded - Dryland - Stubble  
**Unit:** Bushel

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	167.47	--	1.87	--
	2. Crop Insurance Receipts	1.26	--	0.01	--
	3. Other Receipts	21.49	--	0.24	--
	<b>Gross Receipts</b>	<b>190.21</b>	<b>0.00</b>	<b>2.12</b>	<b>0.00</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	8.25	--	0.09	--
	2. Fertilizer	41.88	--	0.47	--
	3. Chemical	12.50	--	0.14	--
	4. Hail/Crop Insurance Premium	6.26	--	0.07	--
	5. Trucking and Marketing	7.74	--	0.09	--
	6. Fuel	13.18	--	0.15	--
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--
	8. Repairs - Machinery	11.58	--	0.13	--
	9. Repairs - Buildings	3.10	--	0.03	--
	10. Utilities and Miscellaneous	15.61	--	0.17	--
	11. Custom Work	3.75	--	0.04	--
	12. Operating Interest Paid	5.04	--	0.06	--
	13. Paid Labour	7.99	--	0.09	--
14. Unpaid Labour	14.43	--	0.16	--	
	<b>Variable Costs</b>	<b>151.32</b>	<b>0.00</b>	<b>1.69</b>	<b>0.00</b>
<b>(C)</b>	1. Cash/ Share Land Rent	8.98	--	0.10	--
	2. Taxes, Water Rates, License & Ins.	8.22	--	0.09	--
	3. Equipment and Building: a) Depreciation	80.62	--	0.90	--
	b) Lease Payments	0.00	--	0.00	--
4. Paid Capital Interest	6.07	--	0.07	--	
	<b>Capital Costs</b>	<b>103.90</b>	<b>0.00</b>	<b>1.16</b>	<b>0.00</b>
<b>(D)</b>	<b>Cash Costs</b>	<b>160.16</b>	--	<b>1.79</b>	--
<b>(E)</b>	<b>Total Production Costs</b>	<b>255.21</b>	--	<b>2.85</b>	--
	<b>Gross Margin</b>	<b>30.05</b>	--	<b>0.34</b>	--
	<b>Return to Unpaid Labour</b>	<b>(50.58)</b>	--	<b>(0.56)</b>	--
	<b>Return to Investment</b>	<b>(58.93)</b>	--	<b>(0.66)</b>	--
	<b>Return to Equity</b>	<b>(65.00)</b>	--	<b>(0.72)</b>	--

**Investment**

Buildings	285.71	--
Machinery	730.79	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>1644.46</b>	--

**Management**

Average Yield	(Bushel/acre)	89.67	--
Expected Market Price	(\$/Bushel)	1.87	--

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** Argentine Canola - Rent  
**Soil Zone:** Grey-Wooded - Dryland - Stubble  
**Unit:** Bushel

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	339.98	340.95	7.33	7.36
	2. Crop Insurance Receipts	0.52	0.53	0.01	0.01
	3. Other Receipts	27.70	28.71	0.60	0.62
	<b>Gross Receipts</b>	<b>368.20</b>	<b>370.19</b>	<b>7.94</b>	<b>7.99</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	35.84	40.59	0.77	0.88
	2. Fertilizer	59.48	59.62	1.28	1.29
	3. Chemical	24.98	16.07	0.54	0.35
	4. Hail/Crop Insurance Premium	16.10	16.53	0.35	0.36
	5. Trucking and Marketing	2.98	2.88	0.06	0.06
	6. Fuel	15.59	15.29	0.34	0.33
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	13.46	13.10	0.29	0.28
	9. Repairs - Buildings	0.10	0.10	0.00	0.00
	10. Utilities and Miscellaneous	13.17	13.18	0.28	0.28
	11. Custom Work	6.78	6.73	0.15	0.15
	12. Operating Interest Paid	5.60	5.65	0.12	0.12
	13. Paid Labour	6.86	7.22	0.15	0.16
	14. Unpaid Labour	11.25	10.84	0.24	0.23
	<b>Variable Costs</b>	<b>212.17</b>	<b>207.80</b>	<b>4.58</b>	<b>4.49</b>
<b>(C)</b>	1. Cash/ Share Land Rent	43.22	43.10	0.93	0.93
	2. Taxes, Water Rates, License & Ins.	1.88	1.87	0.04	0.04
	3. Equipment and Building: a) Depreciation	28.80	30.03	0.62	0.65
	b) Lease Payments	0.00	0.00	0.00	0.00
4. Paid Capital Interest	3.99	4.25	0.09	0.09	
	<b>Capital Costs</b>	<b>77.89</b>	<b>79.25</b>	<b>1.68</b>	<b>1.71</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>250.01</b>	<b>246.19</b>	<b>5.39</b>	<b>5.31</b>
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>290.06</b>	<b>287.06</b>	<b>6.26</b>	<b>6.20</b>
	<b>Gross Margin (A-D)</b>	<b>118.19</b>	<b>124.00</b>	<b>2.55</b>	<b>2.68</b>
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>89.39</b>	<b>93.98</b>	<b>1.93</b>	<b>2.03</b>
	<b>Return to Investment (A-E+C4)</b>	<b>82.12</b>	<b>87.39</b>	<b>1.77</b>	<b>1.89</b>
	<b>Return to Equity (A-E)</b>	<b>78.13</b>	<b>83.14</b>	<b>1.69</b>	<b>1.79</b>

### Investment

Buildings	61.67	64.33
Machinery	280.78	292.74
Irrigation Machinery	0.00	0.00
<b>Total (incl. Land)</b>	<b>342.44</b>	<b>357.07</b>

### Management

Average Yield	(Bushel/acre)	46.37	46.32
Expected Market Price	(\$/Bushel)	7.33	7.36

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

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

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	447.27	--	8.39	--
	2. Crop Insurance Receipts	0.00	--	0.00	--
	3. Other Receipts	0.52	--	0.01	--
	<b>Gross Receipts</b>	<b>447.79</b>	<b>0.00</b>	<b>8.40</b>	<b>0.00</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	29.49	--	0.55	--
	2. Fertilizer	89.28	--	1.68	--
	3. Chemical	30.48	--	0.57	--
	4. Hail/Crop Insurance Premium	23.06	--	0.43	--
	5. Trucking and Marketing	0.56	--	0.01	--
	6. Fuel	17.39	--	0.33	--
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--
	8. Repairs - Machinery	12.58	--	0.24	--
	9. Repairs - Buildings	0.40	--	0.01	--
	10. Utilities and Miscellaneous	9.05	--	0.17	--
	11. Custom Work	4.47	--	0.08	--
	12. Operating Interest Paid	0.73	--	0.01	--
	13. Paid Labour	2.05	--	0.04	--
	14. Unpaid Labour	15.72	--	0.30	--
	<b>Variable Costs</b>	<b>235.27</b>	<b>0.00</b>	<b>4.42</b>	<b>0.00</b>
<b>(C)</b>	1. Cash/ Share Land Rent	3.11	--	0.06	--
	2. Taxes, Water Rates, License & Ins.	6.60	--	0.12	--
	3. Equipment and Building: a) Depreciation	40.82	--	0.77	--
	b) Lease Payments	0.00	--	0.00	--
4. Paid Capital Interest	12.83	--	0.24	--	
	<b>Capital Costs</b>	<b>63.37</b>	<b>0.00</b>	<b>1.19</b>	<b>0.00</b>
<b>(D)</b>	<b>Cash Costs</b>	<b>(B+C-B14-C3a)</b>	<b>242.11</b>	<b>--</b>	<b>4.54</b>
<b>(E)</b>	<b>Total Production Costs</b>	<b>(B+C)</b>	<b>298.64</b>	<b>--</b>	<b>5.61</b>
	<b>Gross Margin</b>	<b>(A-D)</b>	<b>205.68</b>	<b>--</b>	<b>3.86</b>
	<b>Return to Unpaid Labour</b>	<b>(A-E+B14)</b>	<b>164.86</b>	<b>--</b>	<b>3.09</b>
	<b>Return to Investment</b>	<b>(A-E+C4)</b>	<b>161.98</b>	<b>--</b>	<b>3.04</b>
	<b>Return to Equity</b>	<b>(A-E)</b>	<b>149.15</b>	<b>--</b>	<b>2.80</b>

**Investment**

Buildings	173.01	--
Machinery	364.59	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>1988.36</b>	<b>--</b>

**Management**

Average Yield	(Bushel/acre)	53.28	--
Expected Market Price	(\$/Bushel)	8.39	--

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

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

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
<b>(A)</b>	1. Crop Sales	310.05	425.80	7.71	8.49	
	2. Crop Insurance Receipts	23.44	71.99	0.58	1.44	
	3. Other Receipts	16.81	12.25	0.42	0.24	
	<b>Gross Receipts</b>	<b>350.30</b>	<b>510.04</b>	<b>8.71</b>	<b>10.17</b>	
<b>(B)</b>	<b>Cost Items</b>					
	1. Seed	28.67	28.31	0.71	0.56	
	2. Fertilizer	57.54	69.22	1.43	1.38	
	3. Chemical	27.30	39.41	0.68	0.79	
	4. Hail/Crop Insurance Premium	11.65	21.62	0.29	0.43	
	5. Trucking and Marketing	6.50	2.20	0.16	0.04	
	6. Fuel	13.16	14.08	0.33	0.28	
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00	
	8. Repairs - Machinery	9.30	9.21	0.23	0.18	
	9. Repairs - Buildings	1.06	0.21	0.03	0.00	
	10. Utilities and Miscellaneous	18.28	10.57	0.45	0.21	
	11. Custom Work	5.87	5.75	0.15	0.11	
	12. Operating Interest Paid	1.89	0.00	0.05	0.00	
	13. Paid Labour	6.38	1.87	0.16	0.04	
	14. Unpaid Labour	11.45	10.58	0.28	0.21	
	<b>Variable Costs</b>	<b>199.05</b>	<b>213.02</b>	<b>4.95</b>	<b>4.25</b>	
<b>(C)</b>	1. Cash/ Share Land Rent	16.23	34.86	0.40	0.70	
	2. Taxes, Water Rates, License & Ins.	4.40	2.72	0.11	0.05	
	3. Equipment and Building: a) Depreciation	52.37	35.47	1.30	0.71	
	b) Lease Payments	0.00	0.00	0.00	0.00	
4. Paid Capital Interest	11.54	5.99	0.29	0.12		
	<b>Capital Costs</b>	<b>84.54</b>	<b>79.04</b>	<b>2.10</b>	<b>1.58</b>	
<b>(D)</b>	<b>Cash Costs</b>	<b>(B+C-B14-C3a)</b>	<b>219.78</b>	<b>246.01</b>	<b>5.46</b>	<b>4.91</b>
<b>(E)</b>	<b>Total Production Costs</b>	<b>(B+C)</b>	<b>283.59</b>	<b>292.06</b>	<b>7.05</b>	<b>5.82</b>
	<b>Gross Margin</b>	<b>(A-D)</b>	<b>130.53</b>	<b>264.04</b>	<b>3.24</b>	<b>5.26</b>
	<b>Return to Unpaid Labour</b>	<b>(A-E+B14)</b>	<b>78.16</b>	<b>228.56</b>	<b>1.94</b>	<b>4.56</b>
	<b>Return to Investment</b>	<b>(A-E+C4)</b>	<b>78.26</b>	<b>223.98</b>	<b>1.95</b>	<b>4.47</b>
	<b>Return to Equity</b>	<b>(A-E)</b>	<b>66.71</b>	<b>217.99</b>	<b>1.66</b>	<b>4.35</b>

### Investment

Buildings	166.86	115.88
Machinery	486.93	340.73
Irrigation Machinery	0.00	0.00
<b>Total (incl. Land)</b>	<b>1446.41</b>	<b>970.65</b>

### Management

Average Yield	(Bushel/acre)	40.23	50.15
Expected Market Price	(\$/Bushel)	7.71	8.49

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** Roundup Ready Canola - Own  
**Soil Zone:** Grey-Wooded - Dryland - Stubble  
**Unit:** Bushel

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	313.23	--	7.61	--
	2. Crop Insurance Receipts	0.00	--	0.00	--
	3. Other Receipts	19.48	--	0.47	--
<b>Gross Receipts</b>		<b>332.71</b>	<b>0.00</b>	<b>8.08</b>	<b>0.00</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	29.52	--	0.72	--
	2. Fertilizer	54.43	--	1.32	--
	3. Chemical	25.95	--	0.63	--
	4. Hail/Crop Insurance Premium	9.65	--	0.23	--
	5. Trucking and Marketing	7.11	--	0.17	--
	6. Fuel	13.47	--	0.33	--
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--
	8. Repairs - Machinery	10.51	--	0.26	--
	9. Repairs - Buildings	1.24	--	0.03	--
	10. Utilities and Miscellaneous	20.71	--	0.50	--
	11. Custom Work	4.53	--	0.11	--
	12. Operating Interest Paid	2.28	--	0.06	--
	13. Paid Labour	7.57	--	0.18	--
	14. Unpaid Labour	11.42	--	0.28	--
<b>Variable Costs</b>		<b>198.38</b>	<b>0.00</b>	<b>4.82</b>	<b>0.00</b>
<b>(C)</b>	1. Cash/ Share Land Rent	0.00	--	0.00	--
	2. Taxes, Water Rates, License & Ins.	5.59	--	0.14	--
	3. Equipment and Building: a) Depreciation	59.35	--	1.44	--
	b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	17.99	--	0.44	--
<b>Capital Costs</b>		<b>82.92</b>	<b>0.00</b>	<b>2.01</b>	<b>0.00</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>210.53</b>	--	<b>5.11</b>	--
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>281.30</b>	--	<b>6.83</b>	--
	<b>Gross Margin (A-D)</b>	<b>122.18</b>	--	<b>2.97</b>	--
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>62.84</b>	--	<b>1.53</b>	--
	<b>Return to Investment (A-E+C4)</b>	<b>69.40</b>	--	<b>1.69</b>	--
	<b>Return to Equity (A-E)</b>	<b>51.41</b>	--	<b>1.25</b>	--

**Investment**

Buildings	187.98	--
Machinery	549.04	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>2081.38</b>	--

**Management**

Average Yield (Bushel/acre)	41.16	--
Expected Market Price (\$/Bushel)	7.61	--

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** Roundup Ready Canola - Rent  
**Soil Zone:** Grey-Wooded - Dryland - Stubble  
**Unit:** Bushel

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	305.50	--	7.85	--
	2. Crop Insurance Receipts	57.11	--	1.47	--
	3. Other Receipts	12.96	--	0.33	--
	<b>Gross Receipts</b>	<b>375.57</b>	<b>0.00</b>	<b>9.65</b>	<b>0.00</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	27.46	--	0.71	--
	2. Fertilizer	62.02	--	1.59	--
	3. Chemical	29.25	--	0.75	--
	4. Hail/Crop Insurance Premium	14.53	--	0.37	--
	5. Trucking and Marketing	5.62	--	0.14	--
	6. Fuel	12.72	--	0.33	--
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--
	8. Repairs - Machinery	7.57	--	0.19	--
	9. Repairs - Buildings	0.80	--	0.02	--
	10. Utilities and Miscellaneous	14.78	--	0.38	--
	11. Custom Work	7.79	--	0.20	--
	12. Operating Interest Paid	1.33	--	0.03	--
	13. Paid Labour	4.66	--	0.12	--
	14. Unpaid Labour	11.47	--	0.29	--
	<b>Variable Costs</b>	<b>200.01</b>	<b>0.00</b>	<b>5.14</b>	<b>0.00</b>
<b>(C)</b>	1. Cash/ Share Land Rent	39.53	--	1.02	--
	2. Taxes, Water Rates, License & Ins.	2.70	--	0.07	--
	3. Equipment and Building: a) Depreciation	42.34	--	1.09	--
	b) Lease Payments	0.00	--	0.00	--
4. Paid Capital Interest	2.28	--	0.06	--	
	<b>Capital Costs</b>	<b>86.86</b>	<b>0.00</b>	<b>2.23</b>	<b>0.00</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>233.06</b>	<b>--</b>	<b>5.99</b>	<b>--</b>
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>286.88</b>	<b>--</b>	<b>7.37</b>	<b>--</b>
	<b>Gross Margin (A-D)</b>	<b>142.51</b>	<b>--</b>	<b>3.66</b>	<b>--</b>
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>100.17</b>	<b>--</b>	<b>2.58</b>	<b>--</b>
	<b>Return to Investment (A-E+C4)</b>	<b>90.98</b>	<b>--</b>	<b>2.34</b>	<b>--</b>
	<b>Return to Equity (A-E)</b>	<b>88.69</b>	<b>--</b>	<b>2.28</b>	<b>--</b>

**Investment**

Buildings	136.52	--
Machinery	397.70	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>534.22</b>	<b>--</b>

**Management**

Average Yield (Bushel/acre)	38.90	--
Expected Market Price (\$/Bushel)	7.85	--

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** Yellow Peas - All  
**Soil Zone:** Grey-Wooded - Dryland - Stubble  
**Unit:** Bushel

		----- \$/Acre -----		---- \$/Bushel ----		
		Average	Top 1/3	Average	Top 1/3	
<b>(A)</b>	1. Crop Sales	258.22	--	4.34	--	
	2. Crop Insurance Receipts	2.47	--	0.04	--	
	3. Other Receipts	6.81	--	0.11	--	
	<b>Gross Receipts</b>	<b>267.50</b>	<b>0.00</b>	<b>4.50</b>	<b>0.00</b>	
<b>(B)</b>	<b>Cost Items</b>					
	1. Seed	25.25	--	0.42	--	
	2. Fertilizer	35.40	--	0.60	--	
	3. Chemical	50.40	--	0.85	--	
	4. Hail/Crop Insurance Premium	11.78	--	0.20	--	
	5. Trucking and Marketing	1.79	--	0.03	--	
	6. Fuel	20.20	--	0.34	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	15.37	--	0.26	--	
	9. Repairs - Buildings	0.20	--	0.00	--	
	10. Utilities and Miscellaneous	10.06	--	0.17	--	
	11. Custom Work	9.97	--	0.17	--	
	12. Operating Interest Paid	2.15	--	0.04	--	
	13. Paid Labour	2.42	--	0.04	--	
	14. Unpaid Labour	13.90	--	0.23	--	
<b>Variable Costs</b>	<b>198.89</b>	<b>0.00</b>	<b>3.35</b>	<b>0.00</b>		
<b>(C)</b>	1. Cash/ Share Land Rent	15.23	--	0.26	--	
	2. Taxes, Water Rates, License & Ins.	4.21	--	0.07	--	
	3. Equipment and Building:	a) Depreciation	25.84	--	0.43	--
		b) Lease Payments	0.00	--	0.00	--
	4. Paid Capital Interest	9.36	--	0.16	--	
<b>Capital Costs</b>	<b>54.63</b>	<b>0.00</b>	<b>0.92</b>	<b>0.00</b>		
<b>(D)</b>	<b>Cash Costs</b>	<b>(B+C-B14-C3a)</b>	<b>213.79</b>	<b>--</b>	<b>3.60</b>	<b>--</b>
<b>(E)</b>	<b>Total Production Costs</b>	<b>(B+C)</b>	<b>253.53</b>	<b>--</b>	<b>4.26</b>	<b>--</b>
	<b>Gross Margin</b>	<b>(A-D)</b>	<b>53.71</b>	<b>--</b>	<b>0.90</b>	<b>--</b>
	<b>Return to Unpaid Labour</b>	<b>(A-E+B14)</b>	<b>27.87</b>	<b>--</b>	<b>0.47</b>	<b>--</b>
	<b>Return to Investment</b>	<b>(A-E+C4)</b>	<b>23.33</b>	<b>--</b>	<b>0.39</b>	<b>--</b>
	<b>Return to Equity</b>	<b>(A-E)</b>	<b>13.97</b>	<b>--</b>	<b>0.23</b>	<b>--</b>

### Investment

Buildings	99.78	--
Machinery	238.34	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>1298.37</b>	<b>--</b>

### Management

Average Yield	(Bushel/acre)	59.45	--
Expected Market Price	(\$/Bushel)	4.34	--



## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** Yellow Peas - Rent  
**Soil Zone:** Grey-Wooded - Dryland - Stubble  
**Unit:** Bushel

		----- \$/Acre -----		---- \$/Bushel ----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	131.38	--	4.26	--
	2. Crop Insurance Receipts	5.67	--	0.18	--
	3. Other Receipts	15.65	--	0.51	--
	<b>Gross Receipts</b>	<b>152.70</b>	<b>0.00</b>	<b>4.95</b>	<b>0.00</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	21.76	--	0.71	--
	2. Fertilizer	28.13	--	0.91	--
	3. Chemical	40.00	--	1.30	--
	4. Hail/Crop Insurance Premium	10.98	--	0.36	--
	5. Trucking and Marketing	4.11	--	0.13	--
	6. Fuel	22.07	--	0.72	--
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--
	8. Repairs - Machinery	17.73	--	0.57	--
	9. Repairs - Buildings	0.00	--	0.00	--
	10. Utilities and Miscellaneous	13.03	--	0.42	--
	11. Custom Work	7.34	--	0.24	--
	12. Operating Interest Paid	4.95	--	0.16	--
	13. Paid Labour	2.49	--	0.08	--
	14. Unpaid Labour	16.15	--	0.52	--
	<b>Variable Costs</b>	<b>188.75</b>	<b>0.00</b>	<b>6.12</b>	<b>0.00</b>
<b>(C)</b>	1. Cash/ Share Land Rent	35.00	--	1.13	--
	2. Taxes, Water Rates, License & Ins.	2.01	--	0.07	--
	3. Equipment and Building: a) Depreciation	14.20	--	0.46	--
	b) Lease Payments	0.00	--	0.00	--
4. Paid Capital Interest	0.87	--	0.03	--	
	<b>Capital Costs</b>	<b>52.08</b>	<b>0.00</b>	<b>1.69</b>	<b>0.00</b>
<b>(D)</b>	<b>Cash Costs</b>	<b>210.48</b>	<b>--</b>	<b>6.82</b>	<b>--</b>
<b>(E)</b>	<b>Total Production Costs</b>	<b>240.83</b>	<b>--</b>	<b>7.81</b>	<b>--</b>
	<b>Gross Margin</b>	<b>(57.78)</b>	<b>--</b>	<b>(1.87)</b>	<b>--</b>
	<b>Return to Unpaid Labour</b>	<b>(71.98)</b>	<b>--</b>	<b>(2.33)</b>	<b>--</b>
	<b>Return to Investment</b>	<b>(87.27)</b>	<b>--</b>	<b>(2.83)</b>	<b>--</b>
	<b>Return to Equity</b>	<b>(88.13)</b>	<b>--</b>	<b>(2.86)</b>	<b>--</b>

### Investment

Buildings	29.95	--
Machinery	138.52	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>168.46</b>	<b>--</b>

### Management

Average Yield	(Bushel/acre)	30.84	--
Expected Market Price	(\$/Bushel)	4.26	--

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

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

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	85.74	98.10	51.92	49.75
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	13.79	19.76	8.35	10.02
	<b>Gross Receipts</b>	<b>99.53</b>	<b>117.86</b>	<b>60.26</b>	<b>59.78</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	0.00	0.00	0.00	0.00
	2. Fertilizer	8.48	1.22	5.13	0.62
	3. Chemical	0.00	0.00	0.00	0.00
	4. Hail/Crop Insurance Premium	3.48	2.77	2.11	1.41
	5. Trucking and Marketing	0.15	0.00	0.09	0.00
	6. Fuel	7.31	7.24	4.42	3.67
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	10.07	11.23	6.09	5.70
	9. Repairs - Buildings	0.08	0.00	0.05	0.00
	10. Utilities and Miscellaneous	5.63	6.81	3.41	3.46
	11. Custom Work	1.71	0.00	1.04	0.00
	12. Operating Interest Paid	0.41	0.57	0.25	0.29
	13. Paid Labour	3.06	2.73	1.85	1.38
	14. Unpaid Labour	11.50	9.86	6.97	5.00
	<b>Variable Costs</b>	<b>51.89</b>	<b>42.43</b>	<b>31.42</b>	<b>21.52</b>
<b>(C)</b>	1. Cash/ Share Land Rent	8.12	4.07	4.92	2.06
	2. Taxes, Water Rates, License & Ins.	2.45	2.25	1.48	1.14
	3. Equipment and Building: a) Depreciation	24.65	14.47	14.92	7.34
	b) Lease Payments	0.34	0.00	0.21	0.00
4. Paid Capital Interest	3.18	5.07	1.93	2.57	
	<b>Capital Costs</b>	<b>38.75</b>	<b>25.85</b>	<b>23.46</b>	<b>13.11</b>
<b>(D)</b>	<b>Cash Costs</b>	<b>54.49</b>	<b>43.96</b>	<b>32.99</b>	<b>22.30</b>
<b>(E)</b>	<b>Total Production Costs</b>	<b>90.64</b>	<b>68.29</b>	<b>54.88</b>	<b>34.63</b>
	<b>Gross Margin</b>	<b>45.04</b>	<b>73.90</b>	<b>27.27</b>	<b>37.48</b>
	<b>Return to Unpaid Labour</b>	<b>20.39</b>	<b>59.43</b>	<b>12.35</b>	<b>30.14</b>
	<b>Return to Investment</b>	<b>12.07</b>	<b>54.65</b>	<b>7.31</b>	<b>27.71</b>
	<b>Return to Equity</b>	<b>8.88</b>	<b>49.57</b>	<b>5.38</b>	<b>25.14</b>

**Investment**

Buildings	22.67	12.32
Machinery	234.88	138.11
Irrigation Machinery	0.00	0.00
<b>Total (incl. Land)</b>	<b>1041.11</b>	<b>856.53</b>

**Management**

Average Yield	(Tonne/acre)	1.65	1.97
Expected Market Price	(\$/Tonne)	51.92	49.75

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** *Mixed Hay - Own*  
**Soil Zone:** *Grey-Wooded - Dryland*  
**Unit:** *Tonne*

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	78.02	93.84	50.59	52.73
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	15.73	26.75	10.20	15.03
	<b>Gross Receipts</b>	<b>93.76</b>	<b>120.59</b>	<b>60.79</b>	<b>67.76</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	0.00	0.00	0.00	0.00
	2. Fertilizer	8.68	1.81	5.63	1.02
	3. Chemical	0.00	0.00	0.00	0.00
	4. Hail/Crop Insurance Premium	4.19	3.54	2.72	1.99
	5. Trucking and Marketing	0.21	0.00	0.13	0.00
	6. Fuel	6.98	7.72	4.53	4.34
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	9.14	12.23	5.92	6.87
	9. Repairs - Buildings	0.10	0.00	0.06	0.00
	10. Utilities and Miscellaneous	5.58	7.92	3.62	4.45
	11. Custom Work	2.17	0.00	1.41	0.00
	12. Operating Interest Paid	0.37	0.73	0.24	0.41
	13. Paid Labour	3.61	3.48	2.34	1.96
	14. Unpaid Labour	11.07	9.19	7.18	5.16
	<b>Variable Costs</b>	<b>52.08</b>	<b>46.62</b>	<b>33.77</b>	<b>26.20</b>
<b>(C)</b>	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	2.82	2.82	1.83	1.58
	3. Equipment and Building: a) Depreciation	25.39	9.46	16.46	5.32
	b) Lease Payments	0.46	0.00	0.30	0.00
	4. Paid Capital Interest	3.48	6.91	2.26	3.88
	<b>Capital Costs</b>	<b>32.16</b>	<b>19.19</b>	<b>20.85</b>	<b>10.78</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>47.78</b>	<b>47.15</b>	<b>30.98</b>	<b>26.50</b>
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>84.24</b>	<b>65.81</b>	<b>54.62</b>	<b>36.98</b>
	<b>Gross Margin (A-D)</b>	<b>45.97</b>	<b>73.44</b>	<b>29.81</b>	<b>41.26</b>
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>20.59</b>	<b>63.97</b>	<b>13.35</b>	<b>35.94</b>
	<b>Return to Investment (A-E+C4)</b>	<b>13.00</b>	<b>61.69</b>	<b>8.43</b>	<b>34.66</b>
	<b>Return to Equity (A-E)</b>	<b>9.52</b>	<b>54.78</b>	<b>6.17</b>	<b>30.78</b>

### Investment

Buildings	24.17	12.92
Machinery	239.69	89.48
Irrigation Machinery	0.00	0.00
<b>Total (incl. Land)</b>	<b>1323.52</b>	<b>1028.31</b>

### Management

Average Yield (Tonne/acre)	1.54	1.78
Expected Market Price (\$/Tonne)	50.59	52.73

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** *Mixed Hay - Rent*  
**Soil Zone:** *Grey-Wooded - Dryland*  
**Unit:** *Tonne*

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	107.64	--	54.86	--
	2. Crop Insurance Receipts	0.00	--	0.00	--
	3. Other Receipts	8.26	--	4.21	--
	<b>Gross Receipts</b>	<b>115.91</b>	<b>0.00</b>	<b>59.08</b>	<b>0.00</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	0.00	--	0.00	--
	2. Fertilizer	7.92	--	4.04	--
	3. Chemical	0.00	--	0.00	--
	4. Hail/Crop Insurance Premium	1.49	--	0.76	--
	5. Trucking and Marketing	0.00	--	0.00	--
	6. Fuel	8.23	--	4.19	--
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--
	8. Repairs - Machinery	12.70	--	6.47	--
	9. Repairs - Buildings	0.05	--	0.02	--
	10. Utilities and Miscellaneous	5.77	--	2.94	--
	11. Custom Work	0.42	--	0.22	--
	12. Operating Interest Paid	0.52	--	0.27	--
	13. Paid Labour	1.52	--	0.77	--
	14. Unpaid Labour	12.74	--	6.49	--
	<b>Variable Costs</b>	<b>51.35</b>	<b>0.00</b>	<b>26.17</b>	<b>0.00</b>
<b>(C)</b>	1. Cash/ Share Land Rent	31.18	--	15.89	--
	2. Taxes, Water Rates, License & Ins.	1.41	--	0.72	--
	3. Equipment and Building: a) Depreciation	22.54	--	11.49	--
	b) Lease Payments	0.00	--	0.00	--
4. Paid Capital Interest	2.33	--	1.19	--	
	<b>Capital Costs</b>	<b>57.46</b>	<b>0.00</b>	<b>29.29</b>	<b>0.00</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>73.53</b>	--	<b>37.48</b>	--
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>108.81</b>	--	<b>55.46</b>	--
	<b>Gross Margin (A-D)</b>	<b>42.38</b>	--	<b>21.60</b>	--
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>19.83</b>	--	<b>10.11</b>	--
	<b>Return to Investment (A-E+C4)</b>	<b>9.42</b>	--	<b>4.80</b>	--
	<b>Return to Equity (A-E)</b>	<b>7.09</b>	--	<b>3.62</b>	--

**Investment**

Buildings	18.41	--
Machinery	221.24	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>239.65</b>	--

**Management**

Average Yield	(Tonne/acre)	1.96	--
Expected Market Price	(\$/Tonne)	54.86	--

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

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

		----- \$/Acre -----		----- \$/Tonne -----		
		Average	Top 1/3	Average	Top 1/3	
<b>(A)</b>	1. Crop Sales	60.96	--	65.98	--	
	2. Crop Insurance Receipts	0.00	--	0.00	--	
	3. Other Receipts	10.59	--	11.46	--	
	<b>Gross Receipts</b>	<b>71.55</b>	<b>0.00</b>	<b>77.44</b>	<b>0.00</b>	
<b>(B)</b>	<b>Cost Items</b>					
	1. Seed	0.00	--	0.00	--	
	2. Fertilizer	0.00	--	0.00	--	
	3. Chemical	0.00	--	0.00	--	
	4. Hail/Crop Insurance Premium	0.00	--	0.00	--	
	5. Trucking and Marketing	0.00	--	0.00	--	
	6. Fuel	5.78	--	6.25	--	
	7. Irrigation Fuel and Electricity	0.00	--	0.00	--	
	8. Repairs - Machinery	2.76	--	2.98	--	
	9. Repairs - Buildings	0.88	--	0.95	--	
	10. Utilities and Miscellaneous	3.95	--	4.27	--	
	11. Custom Work	9.53	--	10.32	--	
	12. Operating Interest Paid	0.05	--	0.06	--	
	13. Paid Labour	0.91	--	0.99	--	
14. Unpaid Labour	3.15	--	3.41	--		
	<b>Variable Costs</b>	<b>27.01</b>	<b>0.00</b>	<b>29.23</b>	<b>0.00</b>	
<b>(C)</b>	1. Cash/ Share Land Rent	11.92	--	12.90	--	
	2. Taxes, Water Rates, License & Ins.	5.12	--	5.54	--	
	3. Equipment and Building:	a) Depreciation	23.89	--	25.85	--
		b) Lease Payments	0.46	--	0.49	--
4. Paid Capital Interest	2.63	--	2.85	--		
	<b>Capital Costs</b>	<b>44.01</b>	<b>0.00</b>	<b>47.64</b>	<b>0.00</b>	
<b>(D)</b>	<b>Cash Costs</b>	<b>43.99</b>	--	<b>47.61</b>	--	
<b>(E)</b>	<b>Total Production Costs</b>	<b>71.02</b>	--	<b>76.87</b>	--	
	<b>Gross Margin</b>	<b>27.57</b>	--	<b>29.84</b>	--	
	<b>Return to Unpaid Labour</b>	<b>3.68</b>	--	<b>3.98</b>	--	
	<b>Return to Investment</b>	<b>3.17</b>	--	<b>3.43</b>	--	
	<b>Return to Equity</b>	<b>0.53</b>	--	<b>0.58</b>	--	

**Investment**

Buildings	280.17	--
Machinery	106.07	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>677.37</b>	--

**Management**

Average Yield	(Tonne/acre)	0.92	--
Expected Market Price	(\$/Tonne)	65.98	--

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** Grain Silage - All  
**Soil Zone:** Grey-Wooded - Dryland  
**Unit:** Tonne

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	106.71	98.02	28.51	19.91
	2. Crop Insurance Receipts	12.59	62.32	3.36	12.66
	3. Other Receipts	7.54	19.01	2.01	3.86
	<b>Gross Receipts</b>	<b>126.84</b>	<b>179.35</b>	<b>33.89</b>	<b>36.44</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	11.44	8.32	3.06	1.69
	2. Fertilizer	30.31	26.20	8.10	5.32
	3. Chemical	3.95	8.97	1.06	1.82
	4. Hail/Crop Insurance Premium	2.04	6.13	0.54	1.25
	5. Trucking and Marketing	1.31	0.00	0.35	0.00
	6. Fuel	17.10	20.83	4.57	4.23
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	11.29	11.79	3.02	2.39
	9. Repairs - Buildings	0.11	0.03	0.03	0.01
	10. Utilities and Miscellaneous	6.96	7.23	1.86	1.47
	11. Custom Work	6.67	1.45	1.78	0.29
	12. Operating Interest Paid	1.52	0.64	0.41	0.13
	13. Paid Labour	8.06	2.68	2.15	0.55
	14. Unpaid Labour	8.54	13.09	2.28	2.66
	<b>Variable Costs</b>	<b>109.29</b>	<b>107.36</b>	<b>29.20</b>	<b>21.81</b>
<b>(C)</b>	1. Cash/ Share Land Rent	11.12	14.20	2.97	2.89
	2. Taxes, Water Rates, License & Ins.	2.03	2.41	0.54	0.49
	3. Equipment and Building: a) Depreciation	17.29	12.20	4.62	2.48
	b) Lease Payments	0.30	0.00	0.08	0.00
4. Paid Capital Interest	2.24	2.87	0.60	0.58	
	<b>Capital Costs</b>	<b>32.98</b>	<b>31.68</b>	<b>8.81</b>	<b>6.44</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>116.44</b>	<b>113.76</b>	<b>31.11</b>	<b>23.11</b>
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>142.27</b>	<b>139.04</b>	<b>38.01</b>	<b>28.25</b>
	<b>Gross Margin (A-D)</b>	<b>10.39</b>	<b>65.59</b>	<b>2.78</b>	<b>13.33</b>
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>(6.89)</b>	<b>53.39</b>	<b>(1.84)</b>	<b>10.85</b>
	<b>Return to Investment (A-E+C4)</b>	<b>(13.20)</b>	<b>43.18</b>	<b>(3.53)</b>	<b>8.77</b>
	<b>Return to Equity (A-E)</b>	<b>(15.43)</b>	<b>40.30</b>	<b>(4.12)</b>	<b>8.19</b>

### Investment

Buildings	19.70	21.54
Machinery	168.67	116.78
Irrigation Machinery	0.00	0.00
<b>Total (incl. Land)</b>	<b>770.02</b>	<b>744.23</b>

### Management

Average Yield	(Tonne/acre)	3.74	4.92
Expected Market Price	(\$/Tonne)	28.51	19.91

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** Grain Silage - Own  
**Soil Zone:** Grey-Wooded - Dryland  
**Unit:** Tonne

		----- \$/Acre -----		---- \$/Tonne ----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	116.03	123.54	32.43	33.54
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	8.02	29.55	2.24	8.02
<b>Gross Receipts</b>		<b>124.06</b>	<b>153.09</b>	<b>34.67</b>	<b>41.56</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	13.07	7.10	3.65	1.93
	2. Fertilizer	31.78	15.69	8.88	4.26
	3. Chemical	3.03	4.52	0.85	1.23
	4. Hail/Crop Insurance Premium	1.22	3.39	0.34	0.92
	5. Trucking and Marketing	0.72	0.00	0.20	0.00
	6. Fuel	15.48	24.22	4.33	6.57
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	9.77	15.03	2.73	4.08
	9. Repairs - Buildings	0.10	0.07	0.03	0.02
	10. Utilities and Miscellaneous	5.78	8.16	1.62	2.21
	11. Custom Work	10.54	0.00	2.95	0.00
	12. Operating Interest Paid	1.62	0.86	0.45	0.23
	13. Paid Labour	6.46	3.37	1.80	0.91
	14. Unpaid Labour	6.81	10.89	1.90	2.96
<b>Variable Costs</b>		<b>106.37</b>	<b>93.29</b>	<b>29.73</b>	<b>25.33</b>
<b>(C)</b>	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	2.87	3.71	0.80	1.01
	3. Equipment and Building: a) Depreciation	16.47	13.20	4.60	3.58
	b) Lease Payments	0.54	0.00	0.15	0.00
	4. Paid Capital Interest	2.63	5.09	0.74	1.38
<b>Capital Costs</b>		<b>22.51</b>	<b>22.00</b>	<b>6.29</b>	<b>5.97</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>105.59</b>	<b>91.20</b>	<b>29.51</b>	<b>24.76</b>
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>128.87</b>	<b>115.29</b>	<b>36.02</b>	<b>31.30</b>
	<b>Gross Margin (A-D)</b>	<b>18.47</b>	<b>61.89</b>	<b>5.16</b>	<b>16.80</b>
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>1.99</b>	<b>48.69</b>	<b>0.56</b>	<b>13.22</b>
	<b>Return to Investment (A-E+C4)</b>	<b>(2.18)</b>	<b>42.89</b>	<b>(0.61)</b>	<b>11.64</b>
	<b>Return to Equity (A-E)</b>	<b>(4.82)</b>	<b>37.80</b>	<b>(1.35)</b>	<b>10.26</b>

### Investment

Buildings	18.81	10.06
Machinery	158.30	130.67
Irrigation Machinery	0.00	0.00
<b>Total (incl. Land)</b>	<b>1215.21</b>	<b>1225.82</b>

### Management

Average Yield	(Tonne/acre)	3.58	3.68
Expected Market Price	(\$/Tonne)	32.43	33.54

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** Grain Silage - Rent  
**Soil Zone:** Grey-Wooded - Dryland  
**Unit:** Tonne

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	94.83	71.27	23.99	11.97
	2. Crop Insurance Receipts	28.63	119.44	7.24	20.05
	3. Other Receipts	6.92	9.35	1.75	1.57
	<b>Gross Receipts</b>	<b>130.38</b>	<b>200.06</b>	<b>32.98</b>	<b>33.59</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	9.36	9.44	2.37	1.59
	2. Fertilizer	28.44	32.50	7.19	5.46
	3. Chemical	5.13	13.06	1.30	2.19
	4. Hail/Crop Insurance Premium	3.07	8.64	0.78	1.45
	5. Trucking and Marketing	2.05	0.00	0.52	0.00
	6. Fuel	19.16	17.73	4.85	2.98
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	13.23	8.81	3.35	1.48
	9. Repairs - Buildings	0.12	0.00	0.03	0.00
	10. Utilities and Miscellaneous	8.46	6.39	2.14	1.07
	11. Custom Work	1.74	2.78	0.44	0.47
	12. Operating Interest Paid	1.41	0.43	0.36	0.07
	13. Paid Labour	10.11	2.06	2.56	0.35
	14. Unpaid Labour	10.75	15.10	2.72	2.54
	<b>Variable Costs</b>	<b>113.02</b>	<b>116.93</b>	<b>28.59</b>	<b>19.63</b>
<b>(C)</b>	1. Cash/ Share Land Rent	25.30	30.56	6.40	5.13
	2. Taxes, Water Rates, License & Ins.	0.97	0.77	0.25	0.13
	3. Equipment and Building: a) Depreciation	18.32	11.28	4.64	1.89
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	1.73	0.00	0.44	0.00
	<b>Capital Costs</b>	<b>46.32</b>	<b>42.60</b>	<b>11.72</b>	<b>7.15</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>130.27</b>	<b>133.15</b>	<b>32.95</b>	<b>22.36</b>
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>159.34</b>	<b>159.53</b>	<b>40.31</b>	<b>26.78</b>
	<b>Gross Margin (A-D)</b>	<b>0.11</b>	<b>66.91</b>	<b>0.03</b>	<b>11.23</b>
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>(18.22)</b>	<b>55.63</b>	<b>(4.61)</b>	<b>9.34</b>
	<b>Return to Investment (A-E+C4)</b>	<b>(27.23)</b>	<b>40.53</b>	<b>(6.89)</b>	<b>6.81</b>
	<b>Return to Equity (A-E)</b>	<b>(28.96)</b>	<b>40.53</b>	<b>(7.33)</b>	<b>6.81</b>

**Investment**

Buildings	20.84	32.05
Machinery	181.88	104.04
Irrigation Machinery	0.00	0.00
<b>Total (incl. Land)</b>	<b>202.72</b>	<b>136.09</b>

**Management**

Average Yield (Tonne/acre)	3.95	5.96
Expected Market Price (\$/Tonne)	23.99	11.97



## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** Haylage - All  
**Soil Zone:** Grey-Wooded - Dryland  
**Unit:** Tonne

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	104.95	179.61	30.16	31.20
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	4.67	8.05	1.34	1.40
	<b>Gross Receipts</b>	<b>109.62</b>	<b>187.66</b>	<b>31.50</b>	<b>32.60</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	1.93	0.00	0.55	0.00
	2. Fertilizer	5.35	10.94	1.54	1.90
	3. Chemical	0.00	0.00	0.00	0.00
	4. Hail/Crop Insurance Premium	0.35	1.80	0.10	0.31
	5. Trucking and Marketing	0.59	0.00	0.17	0.00
	6. Fuel	15.67	11.25	4.50	1.95
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	13.18	14.66	3.79	2.55
	9. Repairs - Buildings	0.30	0.46	0.09	0.08
	10. Utilities and Miscellaneous	6.42	7.83	1.84	1.36
	11. Custom Work	17.09	55.57	4.91	9.65
	12. Operating Interest Paid	1.85	0.68	0.53	0.12
	13. Paid Labour	5.09	1.77	1.46	0.31
	14. Unpaid Labour	11.54	12.59	3.32	2.19
	<b>Variable Costs</b>	<b>79.36</b>	<b>117.56</b>	<b>22.80</b>	<b>20.42</b>
<b>(C)</b>	1. Cash/ Share Land Rent	14.65	24.37	4.21	4.23
	2. Taxes, Water Rates, License & Ins.	2.76	1.35	0.79	0.23
	3. Equipment and Building: a) Depreciation	22.66	17.02	6.51	2.96
	b) Lease Payments	0.36	0.00	0.10	0.00
4. Paid Capital Interest	2.43	1.94	0.70	0.34	
	<b>Capital Costs</b>	<b>42.86</b>	<b>44.69</b>	<b>12.32</b>	<b>7.76</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>88.01</b>	<b>132.63</b>	<b>25.29</b>	<b>23.04</b>
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>122.21</b>	<b>162.24</b>	<b>35.12</b>	<b>28.18</b>
	<b>Gross Margin (A-D)</b>	<b>21.61</b>	<b>55.03</b>	<b>6.21</b>	<b>9.56</b>
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>(1.05)</b>	<b>38.01</b>	<b>(0.30)</b>	<b>6.60</b>
	<b>Return to Investment (A-E+C4)</b>	<b>(10.17)</b>	<b>27.36</b>	<b>(2.92)</b>	<b>4.75</b>
	<b>Return to Equity (A-E)</b>	<b>(12.59)</b>	<b>25.42</b>	<b>(3.62)</b>	<b>4.41</b>

### Investment

Buildings	29.31	18.15
Machinery	218.41	161.75
Irrigation Machinery	0.00	0.00
<b>Total (incl. Land)</b>	<b>755.68</b>	<b>562.67</b>

### Management

Average Yield (Tonne/acre)	3.48	5.76
Expected Market Price (\$/Tonne)	30.16	31.20

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

Crop: *Haylage - Own*  
 Soil Zone: *Grey-Wooded - Dryland*  
 Unit: *Tonne*

		----- \$/Acre -----		----- \$/Tonne -----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	87.18	104.16	29.86	31.89
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	10.30	14.02	3.53	4.29
<b>Gross Receipts</b>		<b>97.48</b>	<b>118.18</b>	<b>33.39</b>	<b>36.18</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	2.32	0.00	0.79	0.00
	2. Fertilizer	5.56	5.91	1.90	1.81
	3. Chemical	0.00	0.00	0.00	0.00
	4. Hail/Crop Insurance Premium	0.76	3.13	0.26	0.96
	5. Trucking and Marketing	1.31	0.00	0.45	0.00
	6. Fuel	21.65	12.67	7.42	3.88
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	15.22	14.76	5.21	4.52
	9. Repairs - Buildings	0.25	0.25	0.09	0.08
	10. Utilities and Miscellaneous	5.67	6.78	1.94	2.08
	11. Custom Work	10.23	17.73	3.51	5.43
	12. Operating Interest Paid	0.53	0.82	0.18	0.25
	13. Paid Labour	5.48	3.08	1.88	0.94
	14. Unpaid Labour	13.59	10.82	4.65	3.31
<b>Variable Costs</b>		<b>82.57</b>	<b>75.95</b>	<b>28.28</b>	<b>23.25</b>
<b>(C)</b>	1. Cash/ Share Land Rent	0.00	0.00	0.00	0.00
	2. Taxes, Water Rates, License & Ins.	5.11	3.21	1.75	0.98
	3. Equipment and Building: a) Depreciation	24.98	12.79	8.56	3.92
	b) Lease Payments	0.00	0.00	0.00	0.00
	4. Paid Capital Interest	4.60	3.39	1.58	1.04
<b>Capital Costs</b>		<b>34.69</b>	<b>19.39</b>	<b>11.88</b>	<b>5.93</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>78.70</b>	<b>71.72</b>	<b>26.96</b>	<b>21.96</b>
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>117.27</b>	<b>95.33</b>	<b>40.17</b>	<b>29.18</b>
	<b>Gross Margin (A-D)</b>	<b>18.78</b>	<b>46.46</b>	<b>6.43</b>	<b>14.22</b>
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>(6.20)</b>	<b>33.66</b>	<b>(2.12)</b>	<b>10.31</b>
	<b>Return to Investment (A-E+C4)</b>	<b>(15.19)</b>	<b>26.23</b>	<b>(5.20)</b>	<b>8.03</b>
	<b>Return to Equity (A-E)</b>	<b>(19.79)</b>	<b>22.84</b>	<b>(6.78)</b>	<b>6.99</b>

**Investment**

Buildings	27.28	9.80
Machinery	248.59	122.94
Irrigation Machinery	0.00	0.00
<b>Total (incl. Land)</b>	<b>1395.63</b>	<b>1112.74</b>

**Management**

Average Yield (Tonne/acre)	2.92	3.27
Expected Market Price (\$/Tonne)	29.86	31.89

## 2006 Crop Enterprise Analysis

*AgriProfit\$*

**Crop:** Haylage - Rent  
**Soil Zone:** Grey-Wooded - Dryland  
**Unit:** Tonne

		----- \$/Acre -----		---- \$/Tonne ----	
		Average	Top 1/3	Average	Top 1/3
<b>(A)</b>	1. Crop Sales	119.69	250.21	30.34	30.86
	2. Crop Insurance Receipts	0.00	0.00	0.00	0.00
	3. Other Receipts	0.00	0.00	0.00	0.00
	<b>Gross Receipts</b>	<b>119.69</b>	<b>250.21</b>	<b>30.34</b>	<b>30.86</b>
<b>(B)</b>	<b>Cost Items</b>				
	1. Seed	1.60	0.00	0.41	0.00
	2. Fertilizer	5.18	17.72	1.31	2.19
	3. Chemical	0.00	0.00	0.00	0.00
	4. Hail/Crop Insurance Premium	0.00	0.00	0.00	0.00
	5. Trucking and Marketing	0.00	0.00	0.00	0.00
	6. Fuel	10.70	9.34	2.71	1.15
	7. Irrigation Fuel and Electricity	0.00	0.00	0.00	0.00
	8. Repairs - Machinery	11.48	14.53	2.91	1.79
	9. Repairs - Buildings	0.35	0.74	0.09	0.09
	10. Utilities and Miscellaneous	7.04	8.75	1.78	1.08
	11. Custom Work	22.78	92.33	5.77	11.39
	12. Operating Interest Paid	2.94	0.50	0.75	0.06
	13. Paid Labour	4.77	0.00	1.21	0.00
	14. Unpaid Labour	9.84	14.99	2.50	1.85
	<b>Variable Costs</b>	<b>76.68</b>	<b>158.90</b>	<b>19.44</b>	<b>19.60</b>
<b>(C)</b>	1. Cash/ Share Land Rent	26.81	39.92	6.80	4.92
	2. Taxes, Water Rates, License & Ins.	0.81	0.54	0.21	0.07
	3. Equipment and Building: a) Depreciation	20.73	22.73	5.26	2.80
	b) Lease Payments	0.66	0.00	0.17	0.00
4. Paid Capital Interest	0.62	0.00	0.16	0.00	
	<b>Capital Costs</b>	<b>49.63</b>	<b>63.19</b>	<b>12.58</b>	<b>7.79</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>95.74</b>	<b>184.37</b>	<b>24.27</b>	<b>22.74</b>
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>126.32</b>	<b>222.09</b>	<b>32.02</b>	<b>27.40</b>
	<b>Gross Margin (A-D)</b>	<b>23.95</b>	<b>65.84</b>	<b>6.07</b>	<b>8.12</b>
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>3.22</b>	<b>43.11</b>	<b>0.82</b>	<b>5.32</b>
	<b>Return to Investment (A-E+C4)</b>	<b>(6.00)</b>	<b>28.12</b>	<b>(1.52)</b>	<b>3.47</b>
	<b>Return to Equity (A-E)</b>	<b>(6.62)</b>	<b>28.12</b>	<b>(1.68)</b>	<b>3.47</b>

**Investment**

Buildings	31.00	29.41
Machinery	193.36	214.08
Irrigation Machinery	0.00	0.00
<b>Total (incl. Land)</b>	<b>224.35</b>	<b>243.48</b>

**Management**

Average Yield (Tonne/acre)	3.95	8.11
Expected Market Price (\$/Tonne)	30.34	30.86

## 2006 Crop Enterprise Analysis

Crop: **Summerfallow - All**  
 Soil Zone: **Grey-Wooded - Dryland**  
 Unit: **0**

		-----\$/Acre-----	
		Average	Top 1/3
<b>(A)</b>	1. Crop Sales	0.00	--
	2. Crop Insurance Receipts	0.00	--
	3. Other Receipts	16.41	--
<b>Gross Receipts</b>		<b>16.41</b>	<b>0.00</b>
<b>(B)</b>	<b>Cost Items</b>		
	1. Seed	0.00	--
	2. Fertilizer	0.00	--
	3. Chemical	13.60	--
	4. Hail/Crop Insurance Premium	0.00	--
	5. Trucking and Marketing	3.81	--
	6. Fuel	12.94	--
	7. Irrigation Fuel and Electricity	0.00	--
	8. Repairs - Machinery	16.51	--
	9. Repairs - Buildings	0.01	--
	10. Utilities and Miscellaneous	4.04	--
	11. Custom Work	0.76	--
	12. Operating Interest Paid	5.22	--
	13. Paid Labour	1.15	--
	14. Unpaid Labour	4.60	--
<b>Variable Costs</b>		<b>62.65</b>	<b>0.00</b>
<b>(C)</b>	<b>Capital Costs</b>		
	1. Cash/ Share Land Rent	23.08	--
	2. Taxes, Water Rates, License & Ins.	2.49	--
	3. Equipment and Building: a) Depreciation	14.68	--
	b) Lease Payments	0.00	--
	4. Paid Capital Interest	6.14	--
<b>Capital Costs</b>		<b>46.40</b>	<b>0.00</b>
<b>(D)</b>	<b>Cash Costs (B+C-B14-C3a)</b>	<b>89.77</b>	--
<b>(E)</b>	<b>Total Production Costs (B+C)</b>	<b>109.05</b>	--
	<b>Gross Margin (A-D)</b>	<b>(73.36)</b>	--
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>(88.03)</b>	--
	<b>Return to Investment (A-E+C4)</b>	<b>(86.49)</b>	--
	<b>Return to Equity (A-E)</b>	<b>(92.64)</b>	--

**Investment**

Buildings	32.55	--
Machinery	141.13	--
Irrigation Machinery	0.00	--
<b>Total (incl. Land)</b>	<b>384.01</b>	--

**Management**

Average Yield (/acre)	0.00	--
Expected Market Price (\$/)	0.00	--

## FREQUENCY AND CUMULATIVE FREQUENCY DISTRIBUTION

Distribution charts provide a summary of yields, costs, and returns data in visual form. Frequency distributions relate the percentage (or number) of observations falling in a specific range. Cumulative frequency distribution displays the same information as frequency distribution, but it is expressed as a “rate of change” (i.e. the steeper the slope the greater the change). Cumulative frequency also illustrates how many observations lie above or below certain values, rather than only recording the number of items within the intervals.

The frequency information in this benchmark report provides an indication of how crops performed, on a field-by-field basis, within the *AgriProfit\$* pool and within a particular soil zone region. Looking forward, this information can be used to evaluate how and why this crop might be included in future cropping plans based on these types of frequencies. In the following discussions, the spring wheat frequency distribution charts are used as an example of how to interpret the frequency information. The *bar charts* on the left side represent the percentage of fields *within each range*, while the *line charts* on the right side indicate the total or *cumulative percentage* of fields at each point, as if the bars were stacked.

The first pair of charts provides the distribution of the spring wheat yield range in the grey-wooded soil zone. From these charts a lot can be interpreted about yield performance:

- The low is less than 45 bushels per acre and the high is 75 bushels per acre, and
- Over 90% of the spring wheat fields in the grey-wooded soil zone yields between 40 and 55 bushels per acre.
- More specifically, the bar chart on the left indicates around 9% of the fields had yields between 0-45 bu/ac, and another 9% had yields between 45-50 bu/ac, etc. The line chart on the right side represents the cumulative percentage of these fields, so that at 50 bu/ac around 18% of the total number of fields are represented, and at 55 bu/ac approximately 91% of the fields, and so on.

This detailed information provides a better understanding of yield variability. The average yield is 55 bushels per acre provided on the spring wheat crop analysis. While the average (or mean) is important, consideration of both the mean and variability ultimately sets the stage for good decision-making and management practices.

The second set of graphs focuses on the distribution of cost totals. Understanding these provides a basis for cost control and managing for yield per dollar invested. It is important to look at cash costs for individual field analysis (as an indication of cash flow pressure points). Cash costs include all cash expenses accrued to the production of that crop. Total production costs are important when assessing all crops together for an overall enterprise analysis, relaying the longer term cost efficiency of each crop and the combined crop mix. Total production costs include the non-cash elements of unpaid labour and depreciation, in addition to cash costs. Looking at the charts, if the price of wheat was \$4.50 per bushel, then 91% of the fields are covering their cash costs and 9% of the fields are covering their total production costs. In the long run, the best mix of crops would cover total production costs and give a positive net return per acre.

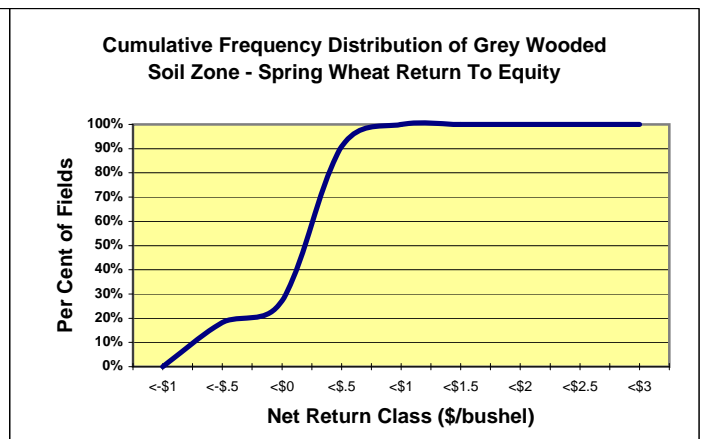
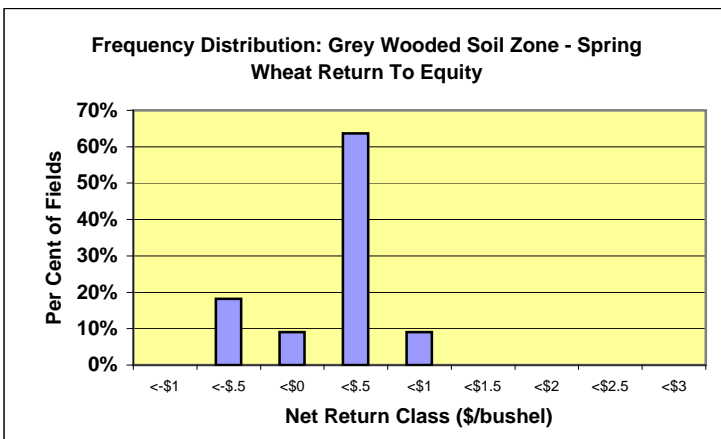
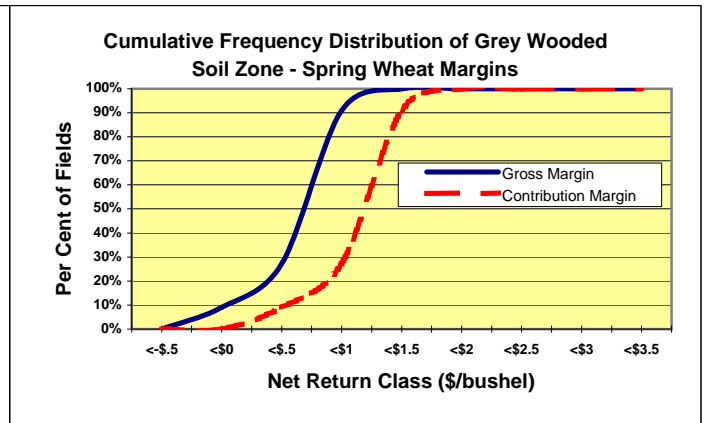
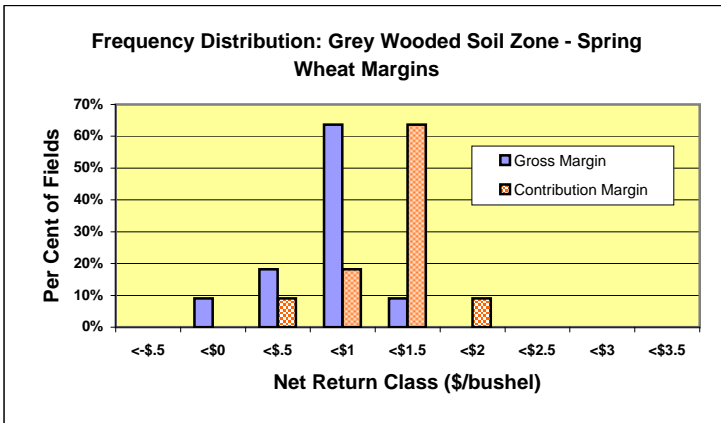
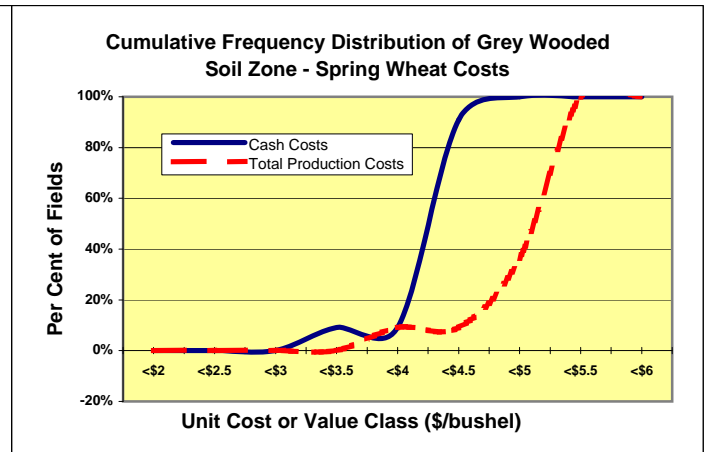
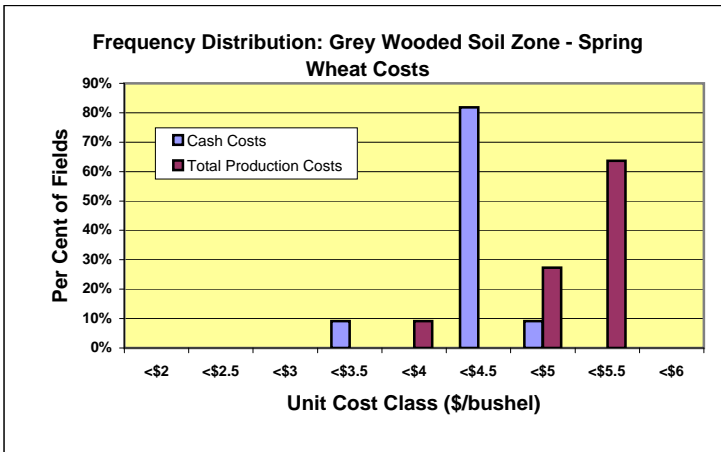
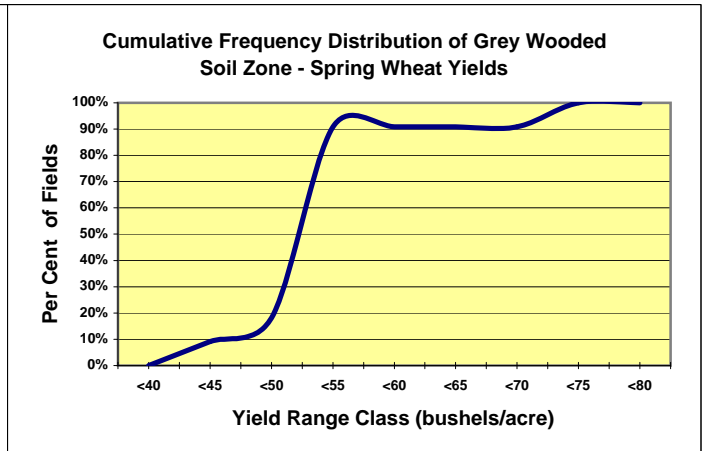
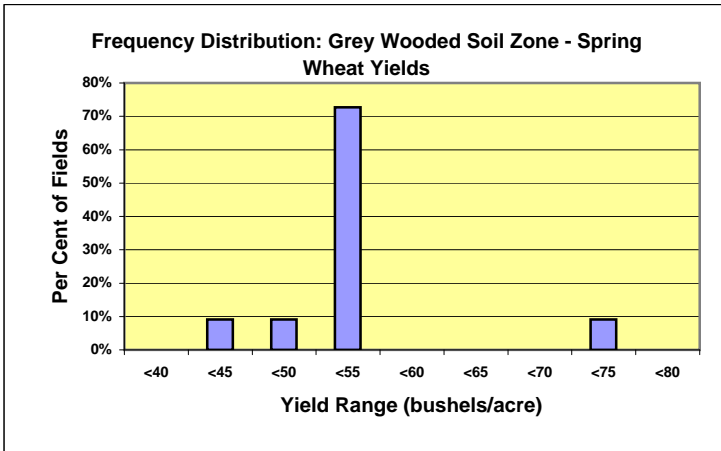
The third set of graphs highlights contribution and gross margins. Contribution margin is the return over variable costs (a combination of variable cash and non-cash/unpaid labour costs). It is the best single indicator of profitability at the individual field level and it is used to compare and select crops to grow, regardless of the fields being owned or rented. The first objective in setting up a crop plan is to select crops with a positive contribution margin; this will identify the most profitable crop mix over the long term. Gross margin is the return over total cash costs, which include fixed costs (land rent, taxes, water rights, licenses and capital interest). It is valuable in predicting each crop's ability to generate cash flow for the year. From a cash flow point of view, the gross margin provides an indication of the crop's ability to contribute to principal payments and operator withdrawals. From a profitability perspective, gross margin is what is leftover to cover the non-cash costs and provide a return on investment.

The final set of graphs shows the distribution of returns to equity, or profit per unit of production. This example shows that approximately 30% of the fields had a loss and 70% of the fields broke even. Return to equity can be used to compare the profitability of one crop versus another or one farm enterprise to another in the same industry.

Understanding these concepts in *AgriProfit\$* and evaluating historical performance on a per bushel basis can be very useful for other Alberta Agriculture and Rural Development (ARD) applications. For example, [CropChoice\\$](#) is a tool that combines traditional crop planning with the ability to measure the riskiness of your plan. Producers can then creatively evaluate potential risk management strategies.

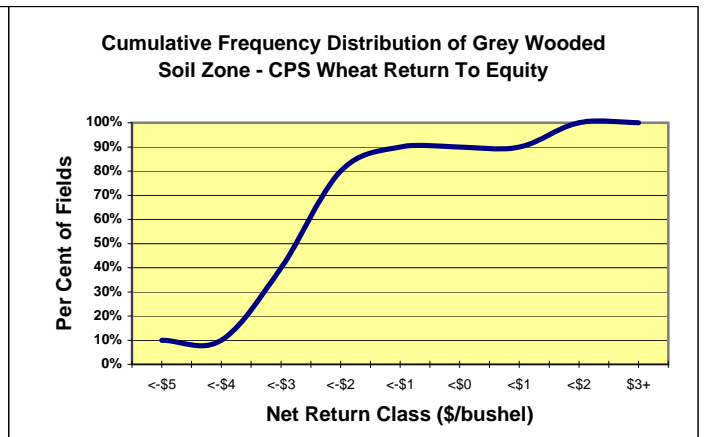
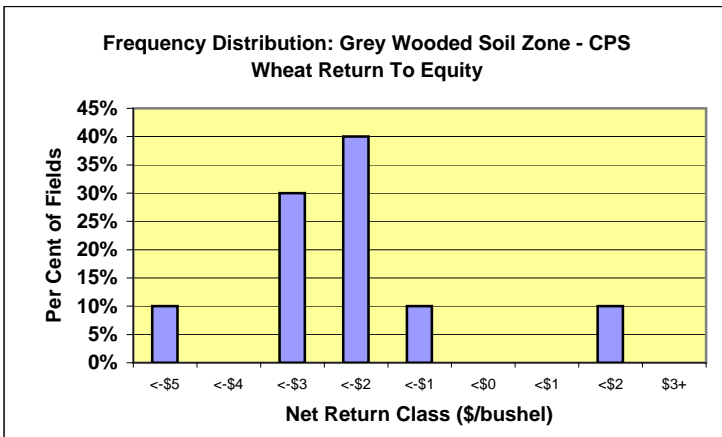
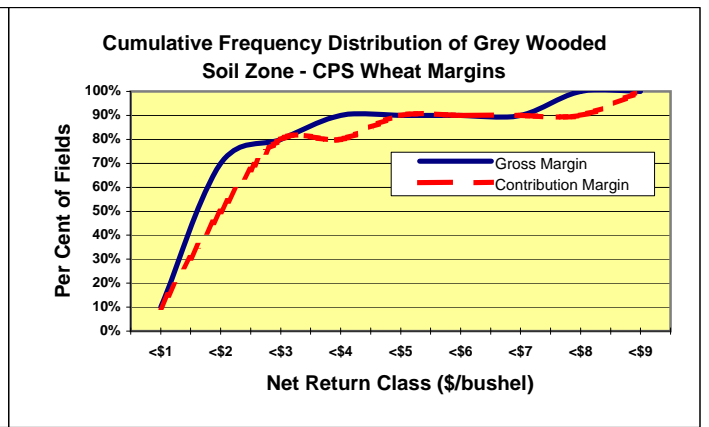
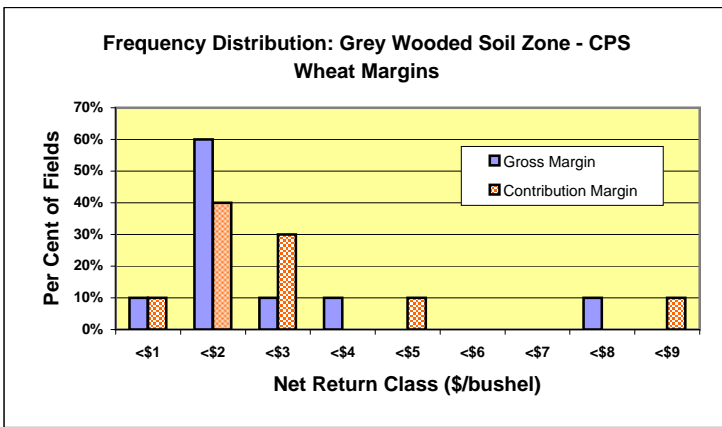
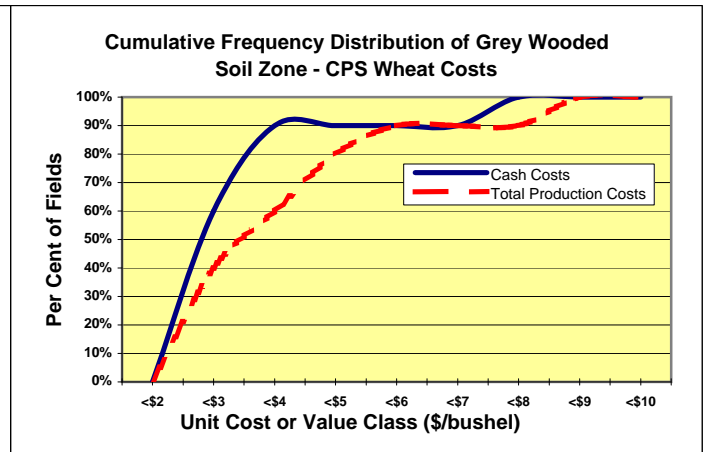
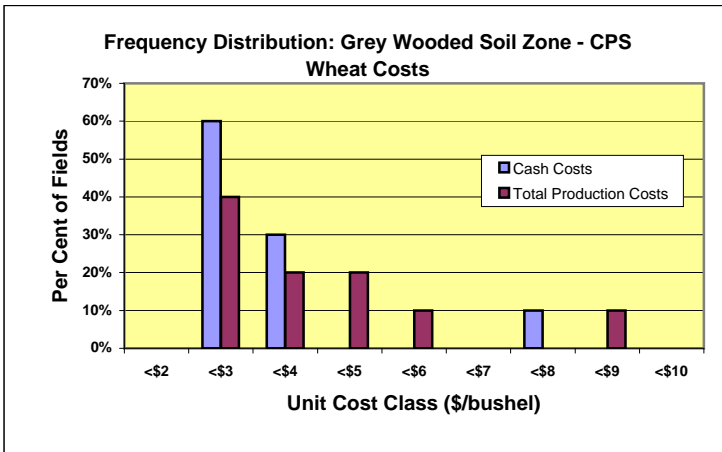
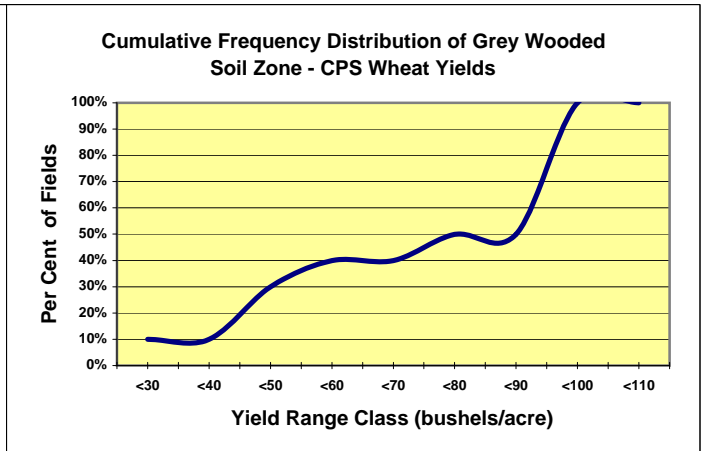
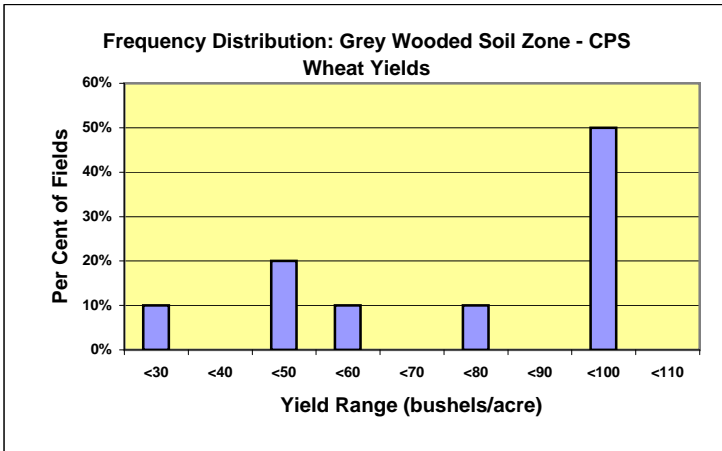
# Grey Wooded Soil Zone - Spring Wheat: 2006

AgriProfit#



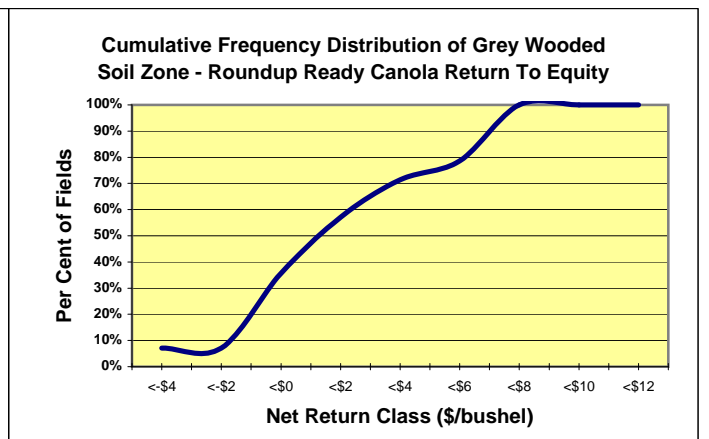
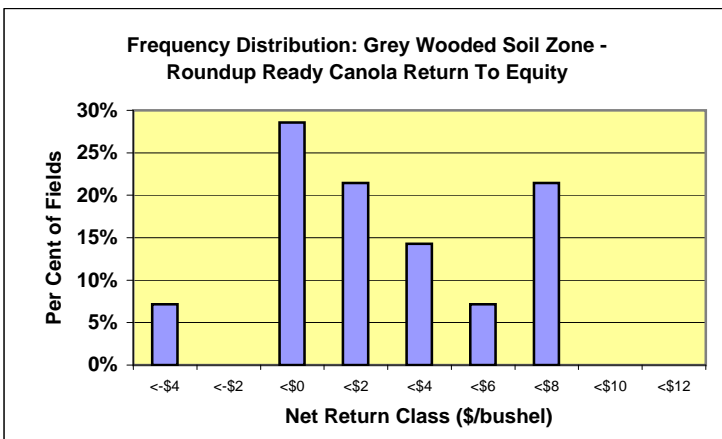
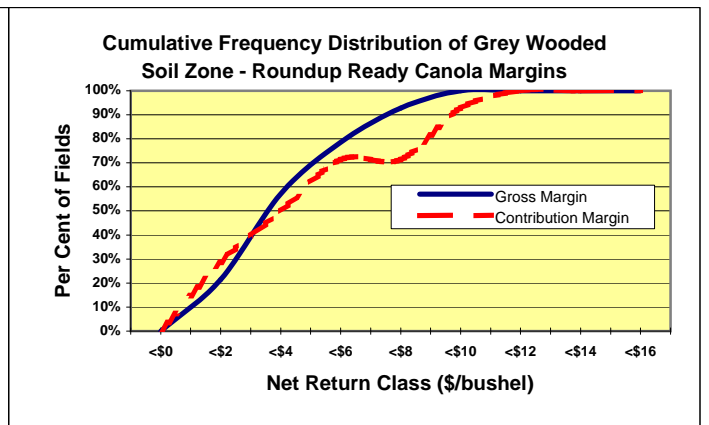
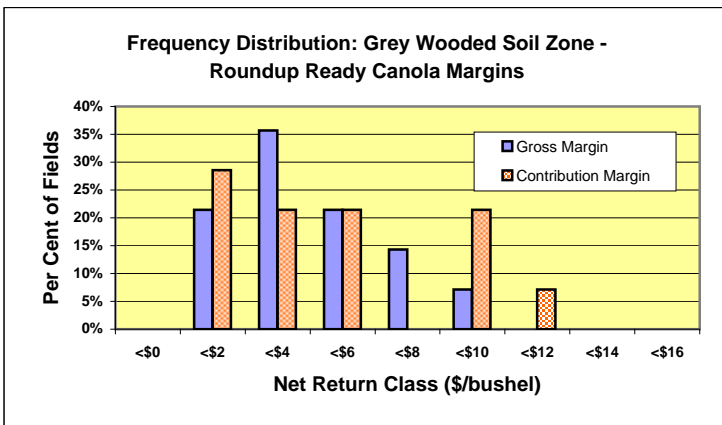
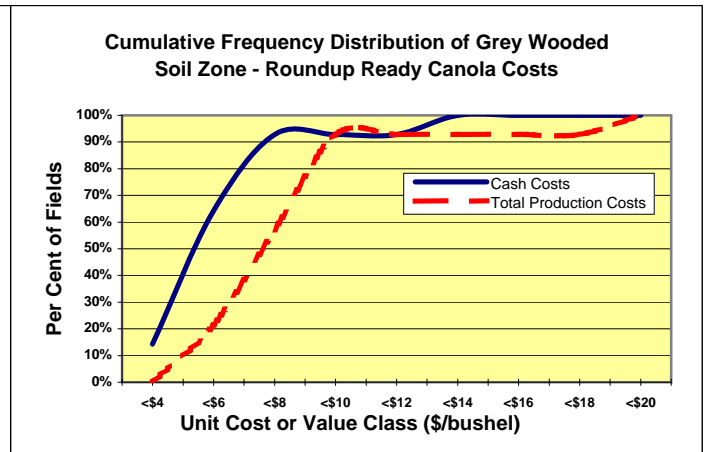
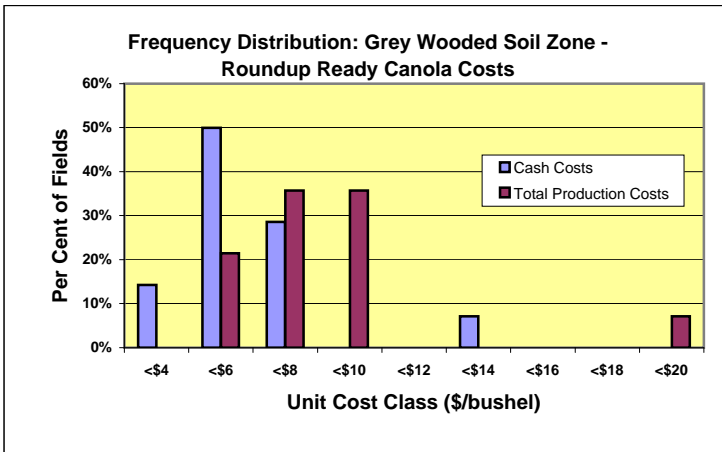
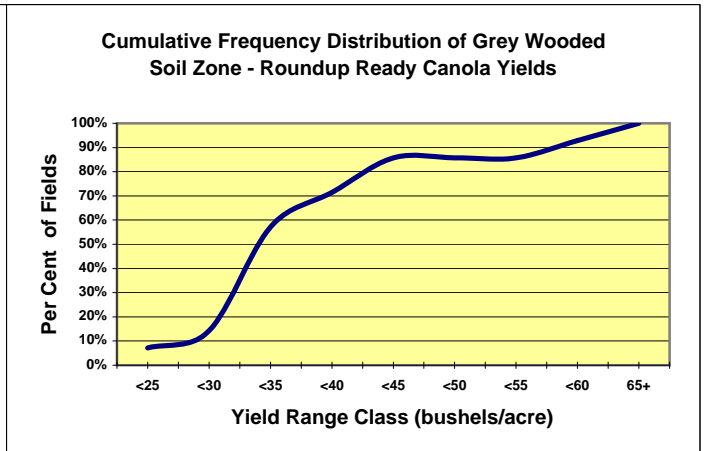
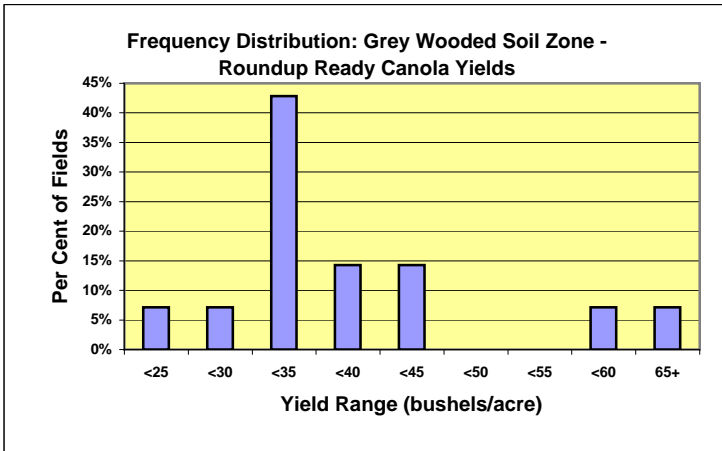
# Grey Wooded Soil Zone - CPS Wheat: 2006

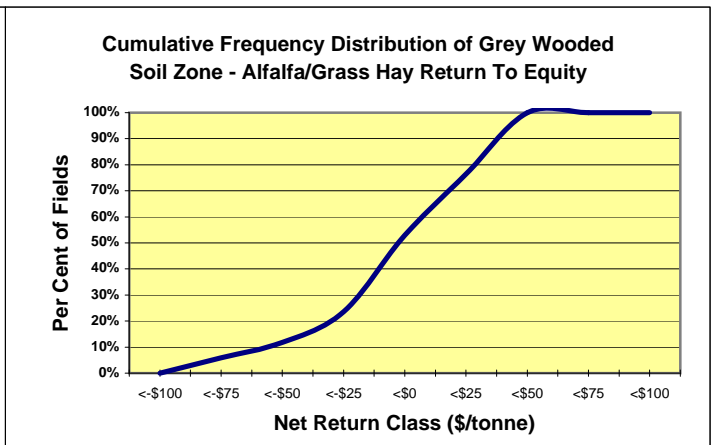
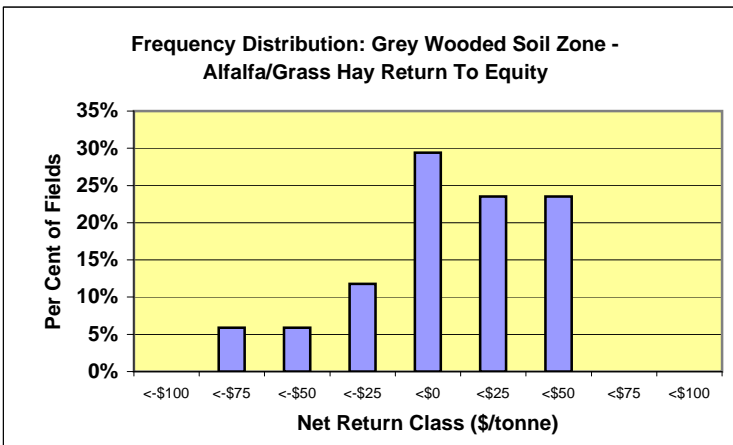
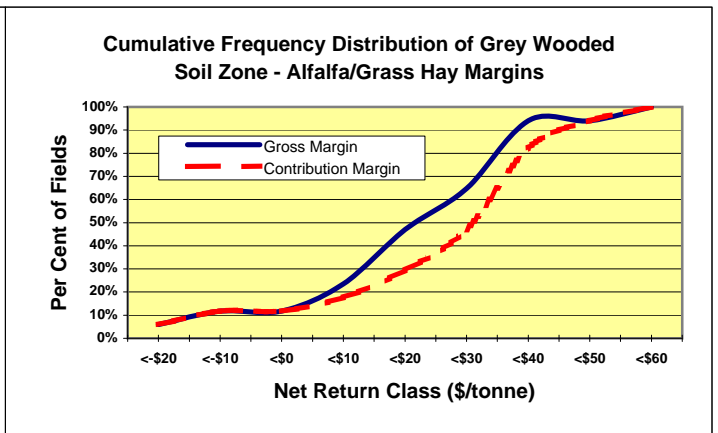
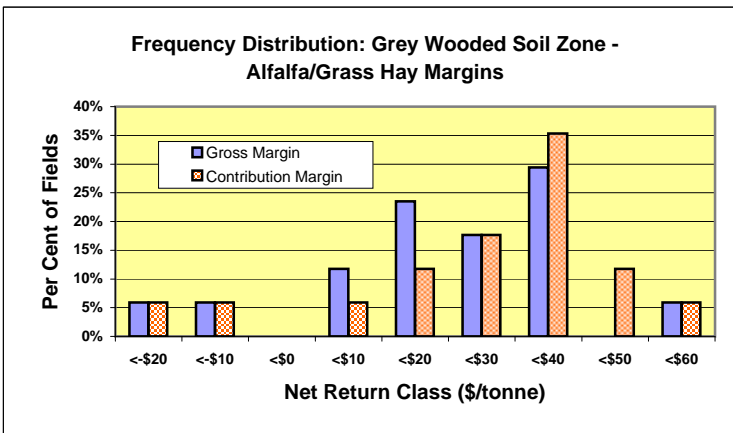
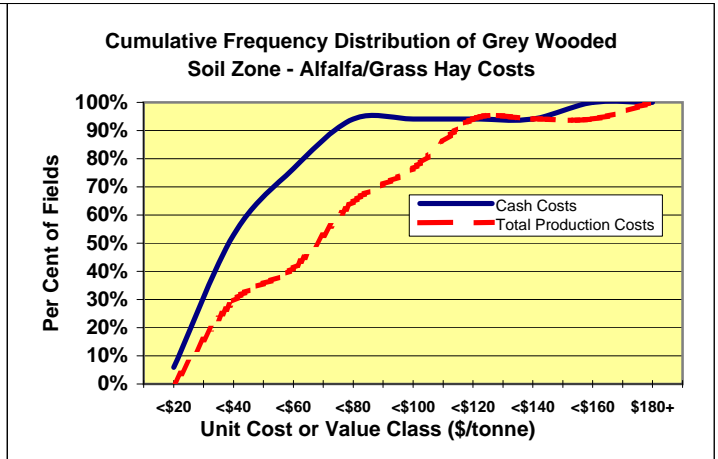
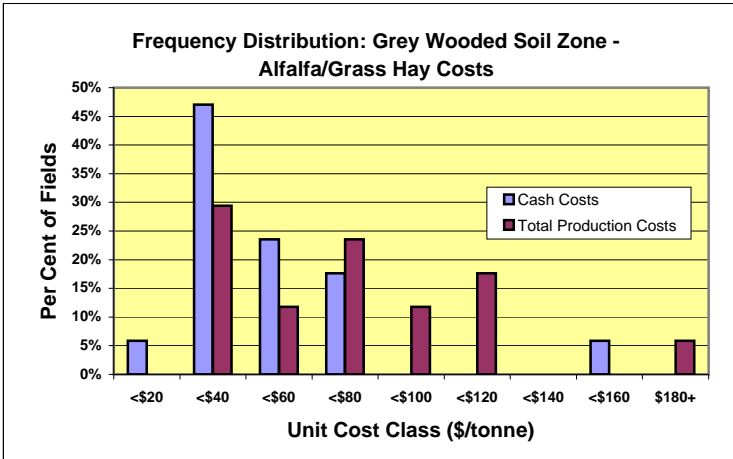
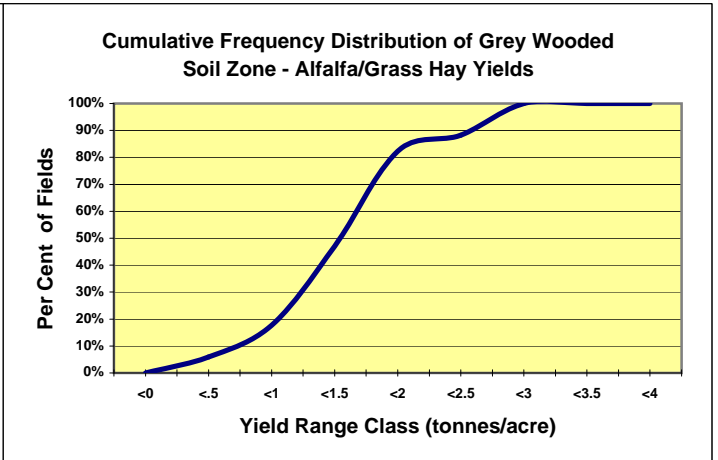
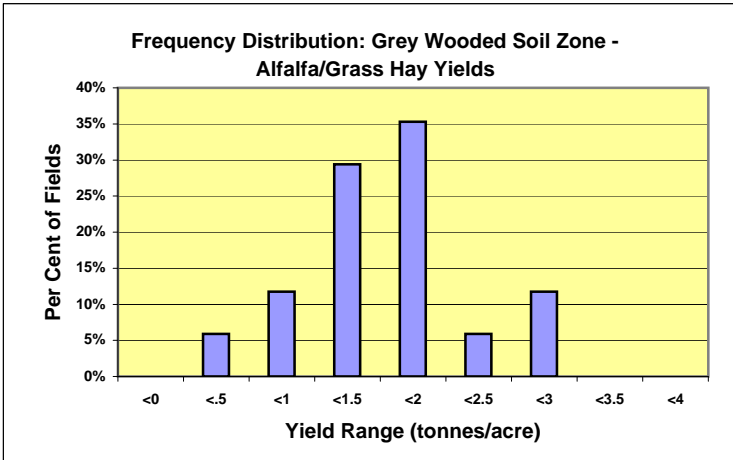
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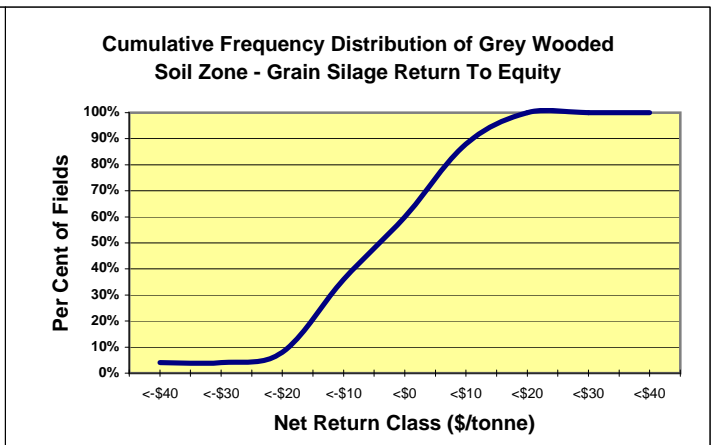
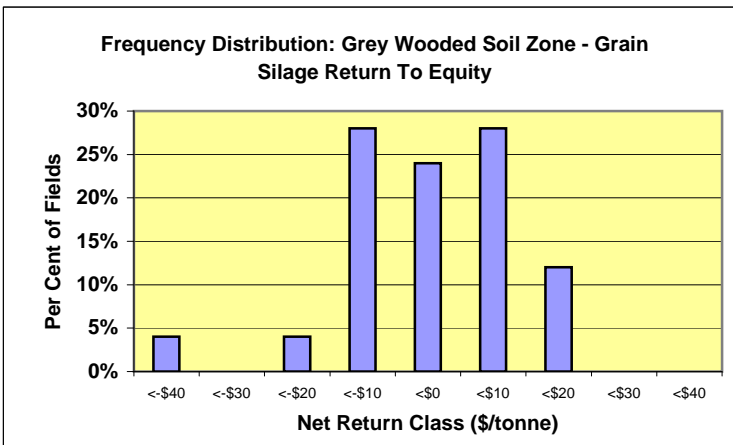
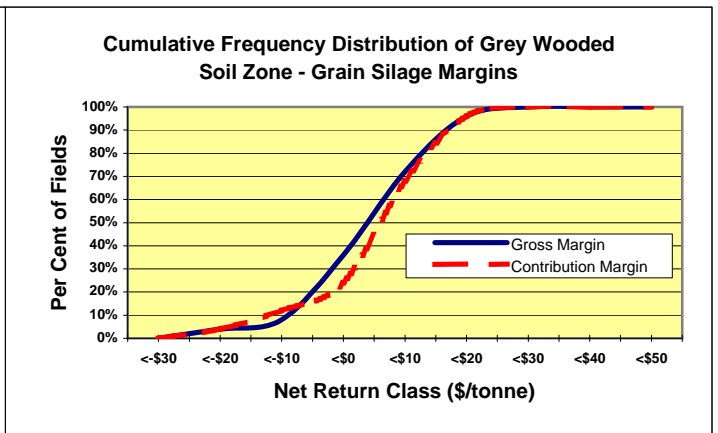
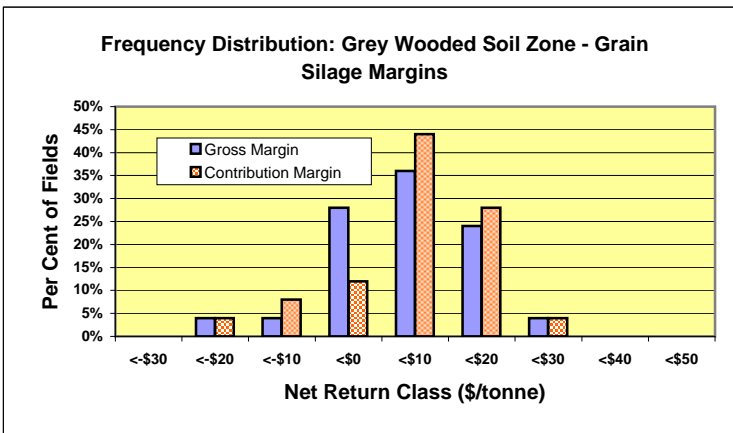
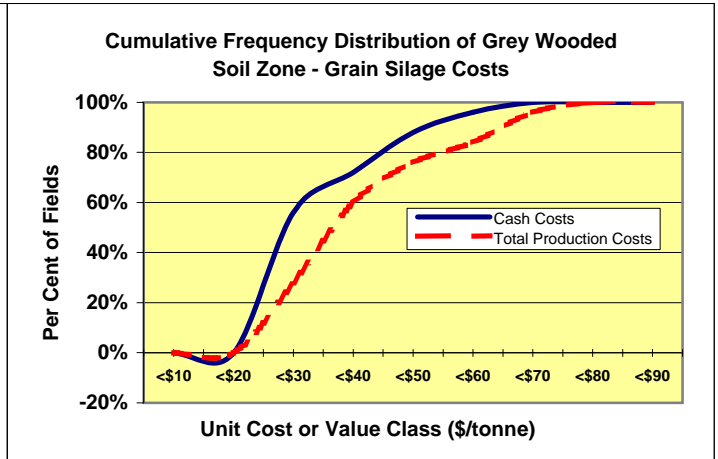
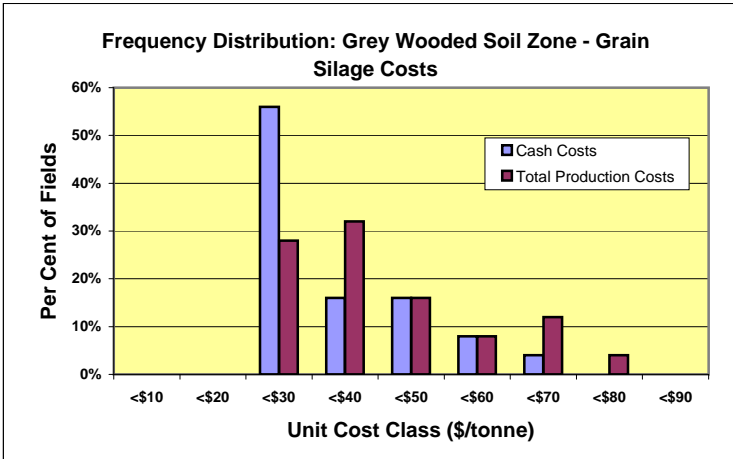
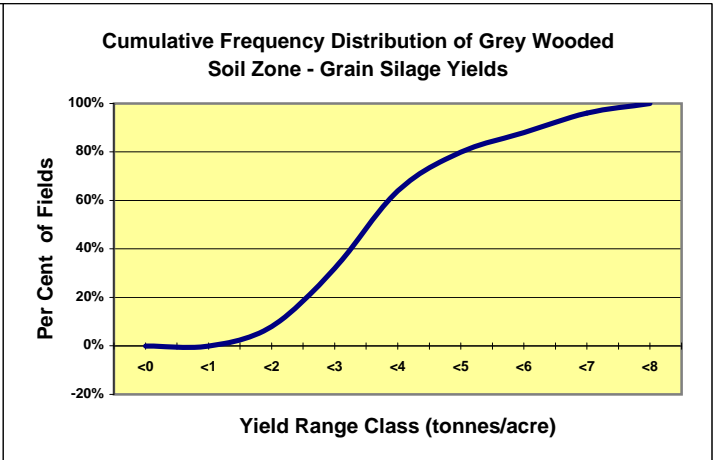
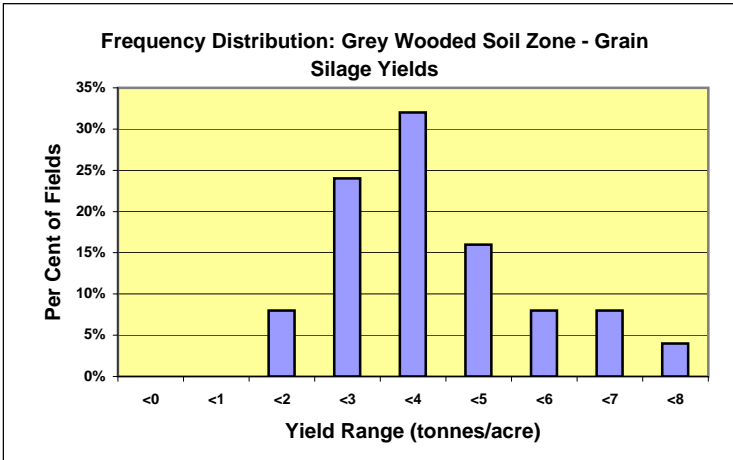


# Grey Wooded Soil Zone - Roundup Ready Canola: 2006

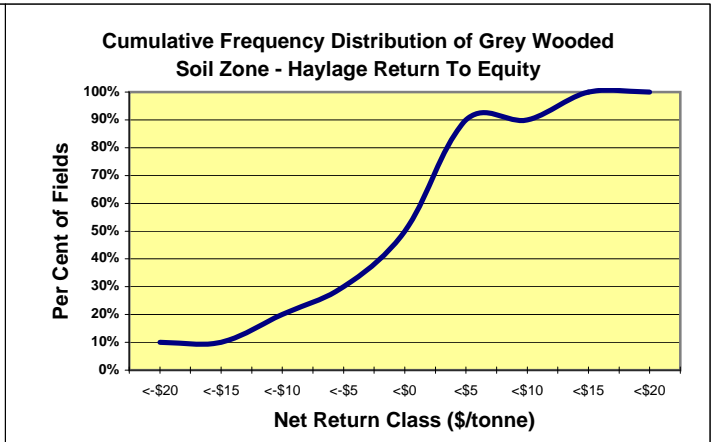
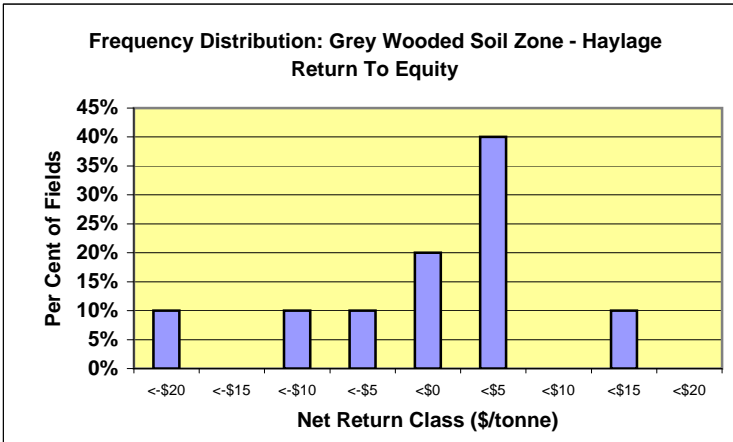
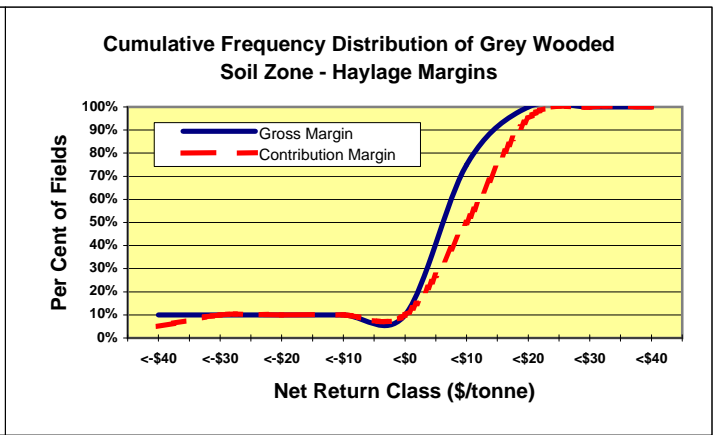
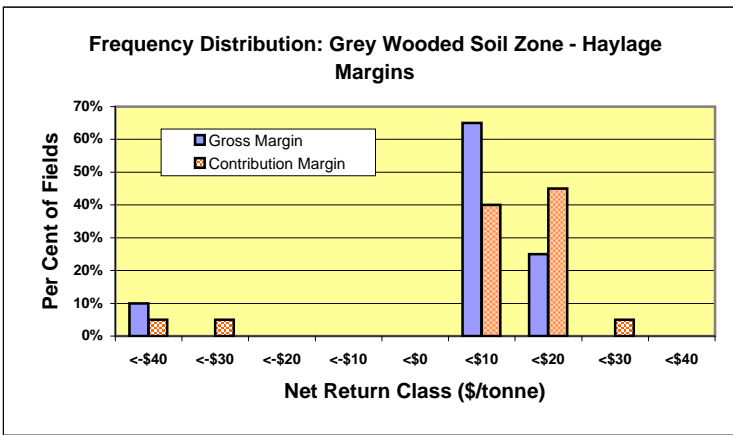
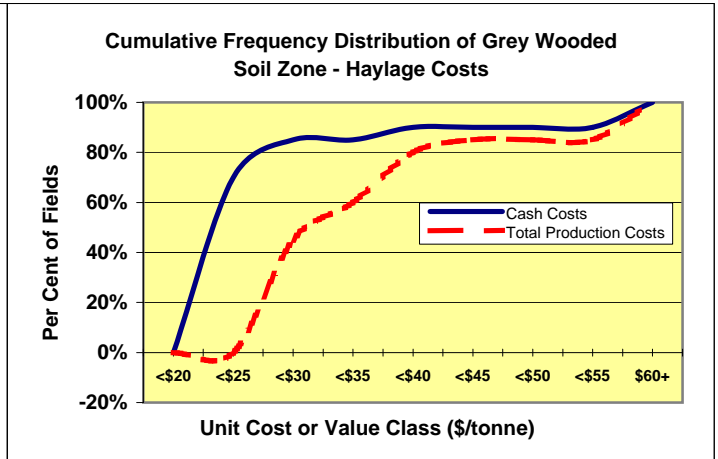
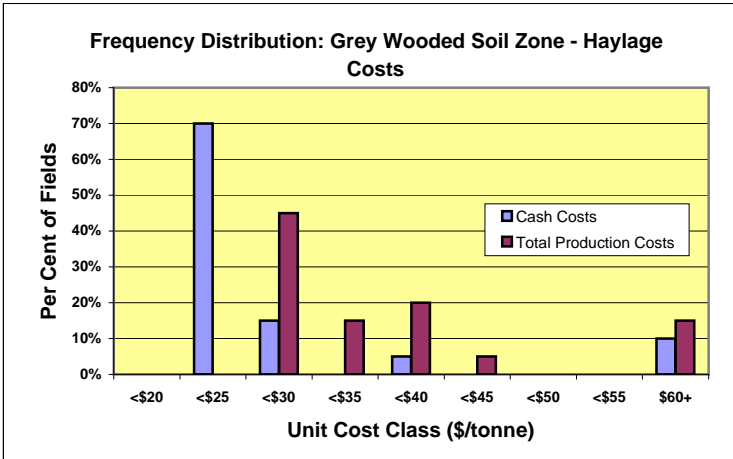
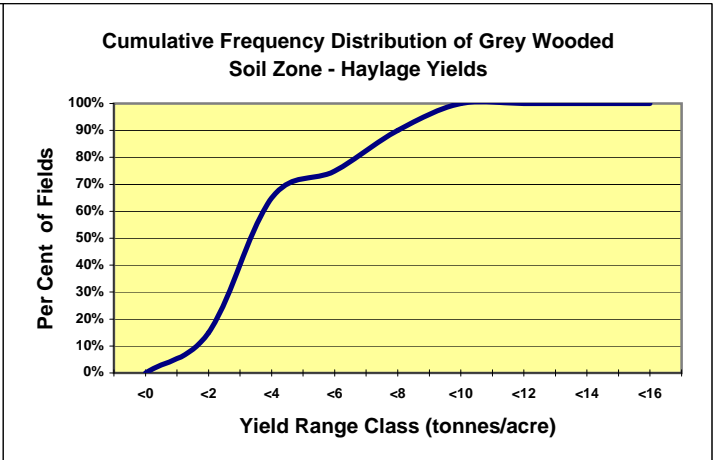
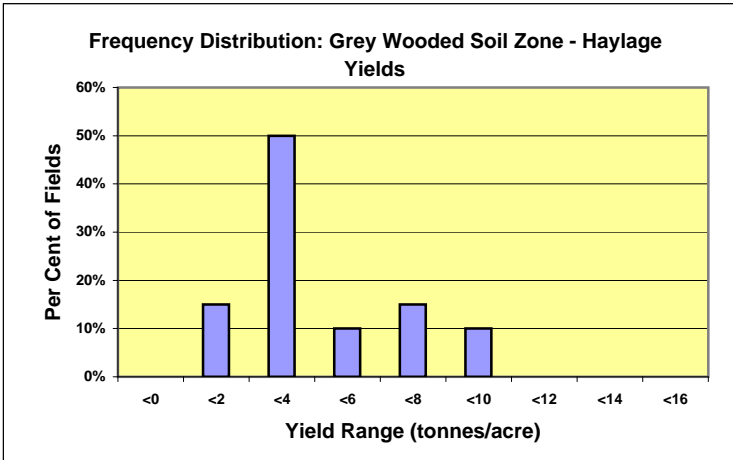




# Grey Wooded Soil Zone - Grain Silage: 2006



# Grey Wooded Soil Zone - Haylage: 2006



**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