



# AgriProfit\$ Cost & Returns Profiles

## Dryland Native Grassland Pasture

### Central Alberta

(Aspen Parkland & portions of Boreal Transition)

30-Jul-12

Economics & Competitiveness

*AgriProfit\$*  
Benchmarks

**A**griProfit\$ Cost & Returns Profiles give an insight into the productive and economic performance of Alberta cereal, oilseed, forage and grazing crops, reported by soil or grass-type zone.

These benchmark include *AgriProfit\$* field observations from the period of 2008 – 2010. Averaging over a 3 year span smoothes out extremes in prices, yields and expenses. This gives a better reflection of the crops' intermediate term

costs and profit potential.

Regional average performance for the crop is compared to a "top third" management grouping. Fields included in the top management group are drawn from the lowest cost third, as rated by total production cost per unit of output for that crop, in that area, for each of the years.

In addition to the 3-year summary table, a range of charts are included to highlight field level variability in key cost and returns tallies. This further emphasizes the need for producers to know and use their own crop unit costs in managing their businesses.

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<b>AgriProfit\$ Cost &amp; Returns Profiles</b>					
<b>Crop: Native Grassland Pasture</b>		<b>Total Top 1/3rd</b>		<b>Total Top 1/3rd</b>	
<b>Zone: Central Alberta</b>		<b>-- \$ / Acre --</b>		<b>-- \$ / AUM --</b>	
(A) 1.	Crop Sales	14.40	36.58	23.79	23.16
6.	Other Revenues	0.22	0.52	0.37	0.33
	<b>Gross Return</b>	<b>14.62</b>	<b>37.10</b>	<b>24.16</b>	<b>23.49</b>
(B) 1.	Seed	0.00	0.00	0.00	0.00
2.	Fertilizer	0.00	0.00	0.00	0.00
3.	Chemicals	0.13	0.74	0.21	0.47
4.	Crop Insurance Premiums	0.13	0.34	0.22	0.22
5.	Trucking & Marketing	0.00	0.00	0.00	0.00
6.	Fuel	0.95	1.42	1.57	0.90
7.	Irrigation Fuel & Electricity	0.00	0.00	0.00	0.00
8.	Repairs - Machinery	0.69	1.06	1.14	0.67
9.	Repairs - Buildings	0.78	2.19	1.28	1.38
10.	Utilities & Misc. Expenses	0.79	1.57	1.31	0.99
11.	Custom Work & Specialized Labour	0.03	0.20	0.05	0.13
12.	Operating Interest Paid	0.06	0.04	0.10	0.03
13.	Paid Labour & Benefits	0.33	0.52	0.55	0.33
14.	Unpaid Labour	2.33	3.28	3.84	2.08
	<b>Variable Costs</b>	<b>6.21</b>	<b>11.34</b>	<b>10.27</b>	<b>7.18</b>
(C) 1.	Cash/Share Rent & Land Lease	5.19	3.54	8.58	2.24
2.	Taxes, Water Rates, Lic. & Insurance	1.02	2.36	1.68	1.50
3.	Equip. & Bldg. a) Depreciation	1.00	1.81	1.66	1.14
	b) Lease Payments	0.01	0.01	0.02	0.01
4.	Paid Capital Interest	1.79	3.25	2.96	2.06
	<b>Total Capital Costs</b>	<b>9.01</b>	<b>10.97</b>	<b>14.89</b>	<b>6.94</b>
(D)	<b>Cash Costs (B+C-B14-C3)</b>	<b>11.89</b>	<b>17.23</b>	<b>19.65</b>	<b>10.91</b>
(E)	<b>Total Production Costs (B+C)</b>	<b>15.22</b>	<b>22.31</b>	<b>25.16</b>	<b>14.13</b>
(F)	<b>Gross Margin (A-D)</b>	<b>2.73</b>	<b>19.87</b>	<b>4.51</b>	<b>12.58</b>
	<b>Return to Unpaid Labour (A-E+B14)</b>	<b>1.72</b>	<b>18.07</b>	<b>2.85</b>	<b>11.44</b>
	<b>Return to Investment (A-E+C4)</b>	<b>1.19</b>	<b>18.04</b>	<b>1.96</b>	<b>11.42</b>
	<b>Return to Equity (A-E)</b>	<b>(0.60)</b>	<b>14.79</b>	<b>(0.99)</b>	<b>9.36</b>
	<b>Return on Investment (%)</b>	<b>0.3</b>	<b>1.7</b>		
	<b>Total Investment (\$/acre)</b>	<b>348</b>	<b>1,072</b>		
<b>Management</b>					
	Average field size (acres)	283.2	130.9		
	Number of Observations	131	43		
	Yield (AUMs/acre)	0.61	1.58		
	Expected Price (\$/AUM)	23.79	23.16		

\* Cost and returns profiles include/combine all tenure types ... owned, rented & leased.

\*\* Top 1/3rd selection criteria: Low Total Production Cost / AUM

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Descriptive Statistics: Native Grass Pasture - Total Group

Crop: Dryland Native Grass  
Zone: Central Alberta

	Quartiles		Group Average	CV (%)
	Low	High		
Price (\$/AUM)	20.00	25.00	23.79	19.2
Yield (AUM/Acre)	0.64	1.76	0.61	147.7
----- \$ / Acre -----				
Gross Revenue	16.05	39.81	14.62	147.6
Seed, Fert, Chem	0.00	0.00	0.13	#####
Oth. Variable Costs	6.52	12.13	6.09	128.3
Fixed Costs	5.81	29.07	9.01	189.5
Total Production Costs	13.67	40.32	15.22	135.7
Total Cash Costs	10.51	34.97	11.89	156.1
Gross Margin	(5.04)	13.95	2.73	841.7
Return to Equity	(10.85)	9.76	(0.60)	#####

