



AgriProfit\$ Cost & Returns Profiles

Dryland Legume/Grass Pasture

Northern Alberta

(Peace Lowland & portions of Boreal Transition)

30-Julv-12

Economics & Competitiveness

AgriProfit\$

Benchmarks

AgriProfit\$ 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.

For further information, contact:

Dale A. Kalief
Sr. Economist:
Production Economics
(dale.kalief@gov.ab.ca)
or,

Jason Wood
Crops Economist
(jason.wood@gov.ab.ca)

AgriProfit\$ Cost & Returns Profiles					
Crop: Legume/Grass Pasture		Total Top 1/3rd		Total Top 1/3rd	
Zone: Northern Alberta		-- \$ / Acre --		-- \$ / AUM --	
(A) 1.	Crop Sales	43.82	63.02	22.39	21.92
6.	Other Revenues	1.09	0.29	0.56	0.10
	Gross Return	44.90	63.32	22.94	22.02
(B) 1.	Seed	0.00	0.00	0.00	0.00
2.	Fertilizer	0.00	0.00	0.00	0.00
3.	Chemicals	0.00	0.00	0.00	0.00
4.	Crop Insurance Premiums	0.26	0.07	0.13	0.02
5.	Trucking & Marketing	0.00	0.00	0.00	0.00
6.	Fuel	2.23	2.09	1.14	0.73
7.	Irrigation Fuel & Electricity	0.00	0.00	0.00	0.00
8.	Repairs - Machinery	2.12	3.03	1.08	1.05
9.	Repairs - Buildings	0.72	0.30	0.37	0.11
10.	Utilities & Misc. Expenses	0.84	0.85	0.43	0.29
11.	Custom Work & Specialized Labour	0.00	0.00	0.00	0.00
12.	Operating Interest Paid	0.11	0.15	0.05	0.05
13.	Paid Labour & Benefits	0.70	0.88	0.36	0.30
14.	Unpaid Labour	4.86	4.58	2.48	1.59
	Variable Costs	11.84	11.95	6.05	4.16
(C) 1.	Cash/Share Rent & Land Lease	4.82	0.00	2.46	0.00
2.	Taxes, Water Rates, Lic. & Insurance	2.17	1.66	1.11	0.58
3.	Equip. & Bldg. a) Depreciation	1.50	1.53	0.76	0.53
	b) Lease Payments	0.00	0.00	0.00	0.00
4.	Paid Capital Interest	1.76	1.52	0.90	0.53
	Total Capital Costs	10.25	4.71	5.24	1.64
(D)	Cash Costs (B+C-B14-C3)	15.73	10.55	8.04	3.67
(E)	Total Production Costs (B+C)	22.09	16.66	11.28	5.79
(F)	Gross Margin (A-D)	29.18	52.76	14.91	18.35
	Return to Unpaid Labour (A-E+B14)	27.68	51.24	14.14	17.82
	Return to Investment (A-E+C4)	24.58	48.18	12.56	16.75
	Return to Equity (A-E)	22.82	46.66	11.66	16.23
	Return on Investment (%)	4.3	6.8		
	Total Investment (\$/acre)	575	710		
	Management				
	Average field size (acres)	92.4	93.5		
	Number of Observations	31	10		
	Yield (AUMs/acre)	1.96	2.88		
	Expected Price (\$/AUM)	22.39	21.92		

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

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

Descriptive Statistics: Other Legume/Grass Pasture Production -

Crop: Legume/Grass Pasture
 Zone: Northern Alberta

	Quartiles		Group Average	CV (%)
	Low	High		
Price (\$/AUM)	21.50	23.00	22.39	13.3
Yield (AUM/Acre)	1.17	2.75	1.96	70.6
----- \$ / Acre -----				
Gross Revenue	27.96	62.87	44.90	65.0
Seed, Fert, Chem	0.00	0.00	0.00	---
Oth. Variable Costs	9.11	18.38	11.84	50.7
Fixed Costs	5.79	13.38	10.25	67.2
Total Production Costs	15.41	32.99	22.09	43.3
Total Cash Costs	7.28	25.52	15.73	64.2
Gross Margin	12.37	48.48	29.18	97.7
Return to Equity	5.99	42.18	22.82	123.0

