

AgriProfit\$

**Cost and Return Profiles for
Selected Crops, 2001
*Irrigated Crops***

August, 2005

Alberta
AGRICULTURE, FOOD AND
RURAL DEVELOPMENT



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2001 Irrigated Soil Zones

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OVERVIEW

2001 Irrigated 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 surveyed throughout the winter and the Alberta Agriculture 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 irrigated 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 Irrigated Soil Zone area of Alberta. In the case of irrigation, only farms in southern Alberta are included in the sample.

The map on the lower right highlights the locations of participating farmers for the 2001 survey season.

For questions regarding this document please contact:

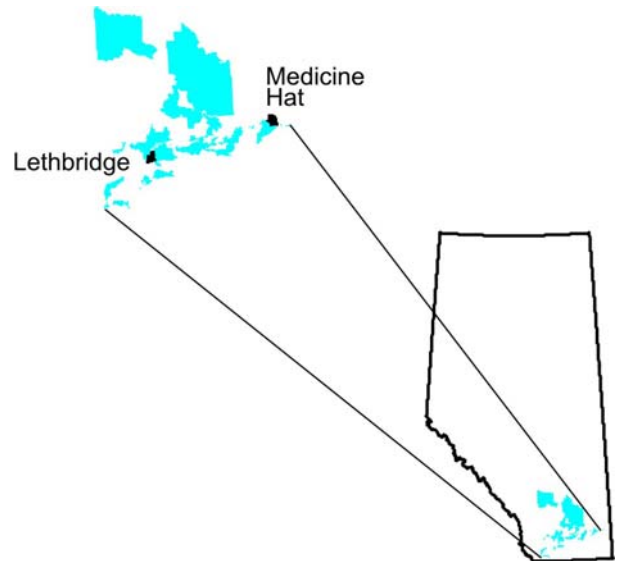
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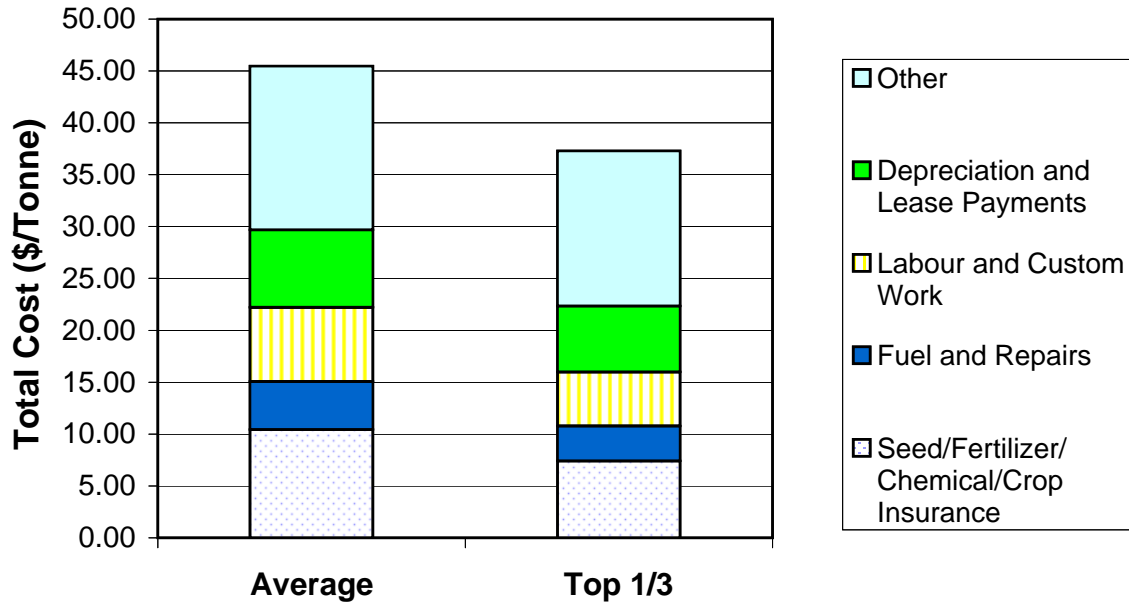
Renn Breitreuz, Dale Kaliel, Pauline Van Biert, Shukun Guan, Guangzhi Liu, Nabi Chaudhary, Sean Royer, Ted Darling, Interviewers and Participants



2001 Participant Map coming soon

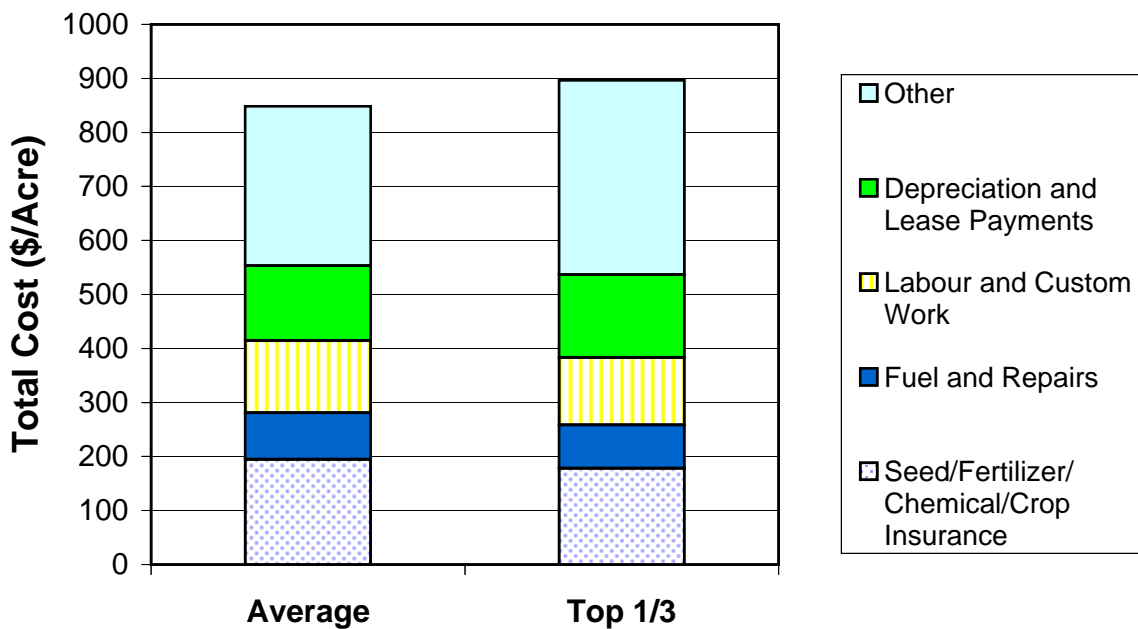
2001 Sugar Beets on Irrigated Soil

Total Cost (\$/Tonne)



2001 Sugar Beets on Irrigated Soil

Total Cost (\$/Acre)



2001 Crop Enterprise Analysis

AgriProfit\$

Crop: **Spring Wheat - All**
 Soil Zone: **- Irrigated**
 Unit: **Bushel**

		----- \$/Acre -----		----- \$/Bushel -----	
		Average	Top 1/3	Average	Top 1/3
(A)	1. Crop Sales	340.52	--	4.52	--
	2. Crop Insurance Receipts	0.00	--	0.00	--
	3. Other Receipts	41.89	--	0.56	--
Gross Receipts		382.42	0.00	5.08	0.00
(B)	Cost Items				
	1. Seed	15.95	--	0.21	--
	2. Fertilizer	40.77	--	0.54	--
	3. Chemical	21.79	--	0.29	--
	4. Hail/Crop Insurance Premium	6.24	--	0.08	--
	5. Trucking and Marketing	1.15	--	0.02	--
	6. Fuel	12.74	--	0.17	--
	7. Irrigation Fuel and Electricity	17.80	--	0.24	--
	8. Repairs - Machinery	26.51	--	0.35	--
	9. Repairs - Buildings	2.33	--	0.03	--
	10. Utilities and Miscellaneous	35.28	--	0.47	--
	11. Custom Work	8.86	--	0.12	--
	12. Operating Interest Paid	3.84	--	0.05	--
	13. Paid Labour	4.74	--	0.06	--
	14. Unpaid Labour	55.91	--	0.74	--
Variable Costs		253.92	0.00	3.37	0.00
(C)	1. Cash/ Share Land Rent	32.20	--	0.43	--
	2. Taxes, Water Rates, License & Ins.	11.11	--	0.15	--
	3. Equipment and Building: a) Depreciation	43.30	--	0.58	--
	b) Lease Payments	11.02	--	0.15	--
	4. Paid Capital Interest	5.48	--	0.07	--
Capital Costs		103.11	0.00	1.37	0.00
(D)	Cash Costs	(B+C-B14-C3a)	257.81	--	3.42
(E)	Total Production Costs	(B+C)	357.03	--	4.74
	Gross Margin	(A-D)	124.60	--	1.66
	Return to Unpaid Labour	(A-E+B14)	81.31	--	1.08
	Return to Investment	(A-E+C4)	30.87	--	0.41
	Return to Equity	(A-E)	25.39	--	0.34

Investment

Buildings	132.37	--
Machinery	219.58	--
Irrigation Machinery	163.33	--
Total (incl. Land)	1138.66	--

Management

Average Yield	(Bushel/acre)	75.29	--
Expected Market Price	(\$/Bushel)	4.52	--

