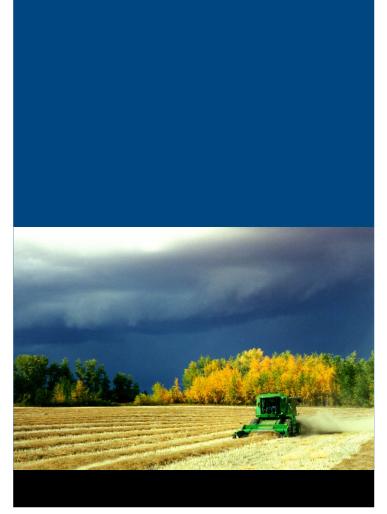
AgriProfit\$

2010 Cost and Return Benchmarks for Crops and Forages

Peace Region Grey Wooded Soil Zone



Government of Alberta Agriculture and Rural Development

TABLE OF CONTENTS

2010 Peace Region Grey Wooded Soil Zone

VERVIEW1
ROPS
Spring Wheat2
Feed Barley4
Novel Trait Canola7
Liberty Link Canola9
EFINITIONS AND ALLOCATIONS11

2010 Peace Region Grey Wooded Soil Zone

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

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

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

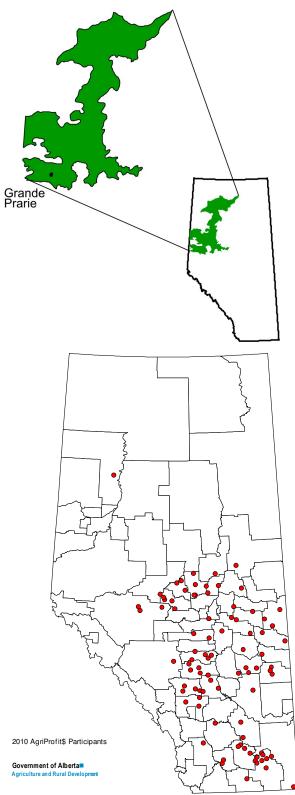
The top map shows the Peace Region in Alberta; this is the soil grouping method used for this study. Please note that farms highlighted within these zones may contain characteristics of neighbouring soil zones. The map on the bottom shows the distribution of the 2010 participants.

Questions or Comments:

Jason Wood Production Crop Economist Alberta Agriculture and Rural Development Phone: (780) 422-3122 Fax: (780) 427-5220 Email: jason.wood@gov.ab.ca

Acknowledgements:

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



All Dryland Spring Wheat

Acres Cropped: 120.43

(•)		-1	Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Pro	duction	24,085.71 .00	200.00 .00	8.00
	 Crop Insurance Receipts Miscellaneous Receipts 		.00	.00	
	4. Government Program		.00	.00 .00	
	5. Additional Revenue from Straw / A	ftormath Grazing	.00	.00	
	GROSS RETURN		24,085.71	200.00	8.00
(D)			-		0.00
(B)	1. Seed & Seed Cleaning	`	2,167.71	18.00 35.00	
	2. Fertilizer Rates: 83N 26P 12S 3. Chemicals	5	4,215.00	35.00 28.00	
	4. Hail / Crop Insurance & Program P	romiume	3,372.00 .00	28.00 .00	
	5. Trucking & Marketing	Termunis	.00	.00	
	6. Fuel		623.82	.00 5.18	
	7. Irrigation Fuel & Electricity		.00	.00	
	8. Repairs - Machine		825.72	6.86	
	9. Repairs - Buildings		.00	.00	
	10. Utilities & Miscellaneous Expenses		393.97	3.27	
	11. Custom Work & Specialized Labou		1,204.29	10.00	
	12. Operating Interest Paid		155.69	1.29	
	13. Paid Labour & Benefits	(30.20 hours)	1,354.53	11.25	
	14. Unpaid Labour	(49.28 hours)	492.77	4.09	
	VARIABLE COSTS	, , , , , , , , , , , , , , , , , , ,	14,805.50	122.94	4.92
(C)	1. Cash/Share Rent & Land Lease		3,210.43	26.66	
	2. Taxes, Water Rates, Lic. & Insuran	се	192.83	1.60	
	3. Equipment & Building a) Deprecia	ation	2,177.08	18.08	
	b) Lease P	ayments	.00	.00	
	4. Paid Capital Interest		254.64	2.11	
	TOTAL CAPITAL COSTS		5,834.97	48.45	1.94
(D)	CASH COSTS (E	3+C-B14-C3)	17,970.62	149.22	5.97
<u>(E)</u>	TOTAL PRODUCTION COSTS (B	3+C)	20,640.47	171.39	6.86
(F)	GROSS MARGIN (A	4-D)	6,115.09	50.78	2.03
	RETURN TO UNPAID LABOUR(A	-E+B14)	3,938.02	32.70	1.31
	RETURN TO INVESTMENT (A	A-E+C4) 14.0 %	3,699.89	30.72	1.23
	RETURN TO EQUITY (/	4-E)	3,445.25	28.61	1.14
INV	ESTMENT				
	Land		.00	.00	
	Buildings		6,227.72	51.71	
	Machinery		20,203.12	167.76	
	Irr. Machinery	_	.00	.00	
	TOTAL		26,430.84	219.47	
MAI	NAGEMENT				
	Yield Per Acre (Bushel)			25.00	
	Expected Market Price Per Bushel			8.00	

	All Dryland Spring Wheat	Group AVG	Top 1/3 AVG
	Acres Cropped:	120.43	71.00
	Enterprises:	7	2
	·	\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	200.00	200.00
(-)	2. Crop Insurance Receipts	.00	.00
	3. Miscellaneous Receipts	.00	.00
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00
	GROSS RETURN	200.00	200.00
(B)	1. Seed & Seed Cleaning	18.00	18.00
• •	2. Fertilizer	35.00	35.00
	3. Chemicals	28.00	28.00
	4. Hail / Crop Insurance & Program Premiums	.00	.00
	5. Trucking & Marketing	.00	.00
	6. Fuel	5.18	5.18
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	6.86	6.86
	9. Repairs - Buildings	.00	.00
	10. Utilities & Miscellaneous Expenses	3.27	3.27
	11. Custom Work & Specialized Labour	10.00	10.00
	12. Operating Interest Paid	1.29	1.29
	13. Paid Labour & Benefits	11.25	11.25
	14. Unpaid Labour	4.09	4.09
	VARIABLE COSTS	122.94	122.94
(C)	1. Cash/Share Rent & Land Lease	26.66	25.00
	2. Taxes, Water Rates, Lic. & Insurance	1.60	1.60
	3. Equipment & Building a) Depreciation	18.08	18.08
	b) Lease Payments	.00	.00
	4. Paid Capital Interest	2.11	2.11
	TOTAL CAPITAL COSTS	48.45	46.79
(D)	CASH COSTS (B+C-B14-C3)	149.22	147.56
(E)	TOTAL PRODUCTION COSTS (B+C)	171.39	169.73
(F)	GROSS MARGIN (A-D)	50.78	52.44
	RETURN TO UNPAID LABOUR(A-E+B14)	32.70	34.36
	RETURN TO INVESTMENT (A-E+C4) RETURN TO EQUITY (A-E)	30.72 28.61	32.38 30.27
		20.01	50.21
INVE	ESTMENT	00	00
	Land	.00 51.71	.00
	Buildings Machinery	167.76	51.71
	Irr. Mach.	.00	167.76 .00
	TOTAL		00
		215.77	213.41
IVIAN	IAGEMENT	05.00	
	Yield Per Acre (Bushel)	25.00	25.00

All Dryland Feed Barley

Acres Cropped: 107.00

			Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of Pro	duction	15,370.59	143.65	3.50
	2. Crop Insurance Receipts		5,370.00	50.19	
	3. Miscellaneous Receipts		.00	.00	
	4. Government Program		.00	.00	
	5. Additional Revenue from Straw / A	ftermath Grazing	380.63	3.56	
	GROSS RETURN		21,121.22	197.39	4.81
(B)	1. Seed & Seed Cleaning		1,226.88	11.47	
	2. Fertilizer Rates: 80N 27P 10	S	4,032.00	37.68	
	3. Chemicals		2,773.05	25.92	
	4. Hail / Crop Insurance & Program F	remiums	1,432.00	13.38	
	5. Trucking & Marketing		229.83	2.15	
	6. Fuel		627.17	5.86	
	7. Irrigation Fuel & Electricity		.00	.00	
	8. Repairs - Machine		863.83	8.07	
	9. Repairs - Buildings		78.57	.73	
	10. Utilities & Miscellaneous Expenses		400.27	3.74	
	11. Custom Work & Specialized Labou	ır	950.13	8.88	
	12. Operating Interest Paid		116.40	1.09	
	13. Paid Labour & Benefits	(33.08 hours)	1,230.24	11.50	
	14. Unpaid Labour	(52.24 hours)	522.35	4.88	
	VARIABLE COSTS		14,482.73	135.35	3.30
(C)	1. Cash/Share Rent & Land Lease		2,511.50	23.47	
	2. Taxes, Water Rates, Lic. & Insuran	ice	236.07	2.21	
	3. Equipment & Building a) Deprecia	ation	2,481.35	23.19	
	b) Lease P	ayments	.00	.00	
	4. Paid Capital Interest		189.24	1.77	
	TOTAL CAPITAL COSTS		5,418.16	50.64	1.23
(D)	CASH COSTS (I	B+C-B14-C3)	16,897.18	157.92	3.85
(E)	TOTAL PRODUCTION COSTS (I	3+C)	19,900.89	185.99	4.53
(F)	GROSS MARGIN (A	4-D)	4,224.04	39.48	.96
	RETURN TO UNPAID LABOUR(A	A-E+B14)	1,742.69	16.29	.40
	RETURN TO INVESTMENT (A	A-E+C4) 3.6 %	1,409.57	13.17	.32
	RETURN TO EQUITY (A	A-E)	1,220.33	11.40	.28
INV	ESTMENT				
	Land		8,750.00	81.78	
	Buildings		6,847.20	63.99	
	Machinery		23,770.35	222.15	
	Irr. Machinery		.00	.00	
	TOTAL	-	39,367.54	367.92	
MAI	NAGEMENT		-	-	
	Yield Per Acre (Bushel)			41.06	
	Expected Market Price Per Bushel			3.50	
				0.00	

	All Dryland Feed Barley	Group AVG	Top 1/3 AVG
	Acres Cropped:	107.00	106.33
	Enterprises:	8	3
		\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	143.65	213.25
(~)	2. Crop Insurance Receipts	50.19	33.67
	3. Miscellaneous Receipts	.00	.00
		.00	.00
	4. Government Program		
	5. Additional Revenue from Straw / Aftermath Grazing GROSS RETURN	3.56	9.55
		197.39	256.46
(B)	1. Seed & Seed Cleaning	11.47	12.25
	2. Fertilizer	37.68	42.20
	3. Chemicals	25.92	22.41
	4. Hail / Crop Insurance & Program Premiums	13.38	8.98
	5. Trucking & Marketing	2.15	5.76
	6. Fuel	5.86	7.01
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	8.07	10.12
	9. Repairs - Buildings	.73	1.97
	10. Utilities & Miscellaneous Expenses	3.74	4.53
	11. Custom Work & Specialized Labour	8.88 1.09	6.99 .74
	12. Operating Interest Paid 13. Paid Labour & Benefits	11.50	11.92
	14. Unpaid Labour	4.88	6.21
	VARIABLE COSTS	135.35	141.10
(C)	1. Cash/Share Rent & Land Lease	23.47 2.21	15.85
	2. Taxes, Water Rates, Lic. & Insurance	23.19	3.22 31.80
	3. Equipment & Building a) Depreciationb) Lease Payments	.00	.00
	4. Paid Capital Interest	1.77	1.19
	TOTAL CAPITAL COSTS	50.64	52.06
(D)			155.15
(D) (E)	CASH COSTS (B+C-B14-C3) TOTAL PRODUCTION COSTS (B+C)	157.92 185.99	193.15
(F)	GROSS MARGIN (A-D) RETURN TO UNPAID LABOUR(A-E+B14)	39.48 16.29	101.32 69.52
	RETURN TO INVESTMENT (A-E+C4)	13.17	64.50
	RETURN TO EQUITY (A-E)	11.40	63.31
	· · · · · · · · · · · · · · · · · · ·		
	ESTMENT Land	81.78	010 44
		63.99	219.44
	Buildings Machinery	63.99 222.15	84.66
	Irr. Mach.	.00	313.72
	TOTAL	<u> </u>	.00 617.82
		307.32	017.82
MAN	AGEMENT Viold Par Acro (Pushal)	44.00	C 4 07
	Yield Per Acre (Bushel)	41.06	64.27
	Expected Market Price Per Bushel	3.50	3.32

Rented Dryland Feed Barley

Acres Cropped: 102.29

29 3.75 00 00 00 00
00 00 00
.00 .00
.00
~~ ~ ~ ~ ~
.29 5.59
.00
.00
.00
.00
.00
.18
.00
.86
.00
.27
.00
.29
.25
.09
.94 4.05
.06
.60
.08
.00
.11
.85 1.53
.63 4.89
.79 5.57
.66 .69
.59 .14
.61 .08
.49 .02
00
71
76
00
47
.61
.75
5. 3. 5. 5. 5. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1

All Dryland Novel Trait Canola

Acres Cropped: 123.67

			Total \$	\$/Acre	\$/Bushel
(A)	1. Crop Sales - Imputed Value of	of Production	29,626.67	239.57	11.00
	2. Crop Insurance Receipts		.00	.00	
	3. Miscellaneous Receipts		.00	.00	
	4. Government Program		.00	.00	
	5. Additional Revenue from Stra	w / Aftermath Grazing	.00	.00	
	GROSS RETURN		29,626.67	239.57	11.00
(B)	1. Seed & Seed Cleaning		4,266.50	34.50	
	2. Fertilizer Rates: 107N 33	P 16S	5,565.00	45.00	
	3. Chemicals		4,127.99	33.38	
	4. Hail / Crop Insurance & Progr	am Premiums	.00	.00	
	5. Trucking & Marketing		.00	.00	
	6. Fuel		640.60	5.18	
	7. Irrigation Fuel & Electricity		.00	.00	
	8. Repairs - Machine		847.92	6.86	
	9. Repairs - Buildings		.00	.00	
	10. Utilities & Miscellaneous Expe	enses	404.56	3.27	
	11. Custom Work & Specialized I	_abour	1,236.67	10.00	
	12. Operating Interest Paid		159.88	1.29	
	13. Paid Labour & Benefits	(31.02 hours)	1,390.95	11.25	
	14. Unpaid Labour	(50.60 hours)	506.02	4.09	
	VARIABLE COSTS		19,146.08	154.82	7.11
(C)	1. Cash/Share Rent & Land Lea	se	1,946.67	15.74	
	2. Taxes, Water Rates, Lic. & In:	surance	802.68	6.49	
	3. Equipment & Building a) Dep	preciation	2,235.61	18.08	
	b) Lea	ase Payments	.00	.00	
	4. Paid Capital Interest		1,094.82	8.85	
	TOTAL CAPITAL COSTS		6,079.77	49.16	2.26
(D)	CASH COSTS	(B+C-B14-C3)	22,484.23	181.81	8.35
(E)	TOTAL PRODUCTION COS	TS (B+C)	25,225.86	203.98	9.37
(F)	GROSS MARGIN	(A-D)	7,142.44	57.76	2.65
	RETURN TO UNPAID LABO	UR(A-E+B14)	4,906.83	39.68	1.82
	RETURN TO INVESTMENT	(A-E+C4) 4.2 %	5,495.63	44.44	2.04
	RETURN TO EQUITY	(A-E)	4,400.81	35.59	1.63
INV	ESTMENT				
	Land		104,000.00	840.97	
	Buildings		6,395.17	51.71	
	Machinery		20,746.34	167.76	
	Irr. Machinery		.00	.00	
	TOTAL		131,141.52	1,060.44	
МЛ	NAGEMENT		- ,	.,	
IVIAI	Yield Per Acre (Bushel)			21.78	
	Expected Market Price Per Bi	ishel		11.00	
	Expected market filler ef bl			11.00	

	All Dryland Novel Trait Canola	Group AVG	Top 1/3 AVG
	Acres Cropped:	123.67	60.00
	Enterprises:	3	1
		\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	239.57	341.00
• •	2. Crop Insurance Receipts	.00	.00
	3. Miscellaneous Receipts	.00	.00
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00
	GROSS RETURN	239.57	341.00
(B)	1. Seed & Seed Cleaning	34.50	34.50
• •	2. Fertilizer	45.00	45.00
	3. Chemicals	33.38	33.38
	4. Hail / Crop Insurance & Program Premiums	.00	.00
	5. Trucking & Marketing	.00	.00
	6. Fuel	5.18	5.18
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	6.86	6.86
	9. Repairs - Buildings	.00	.00
	10. Utilities & Miscellaneous Expenses	3.27	3.27
	11. Custom Work & Specialized Labour	10.00	10.00
	12. Operating Interest Paid	1.29	1.29
	13. Paid Labour & Benefits	11.25	11.25
	14. Unpaid Labour	4.09	4.09
	VARIABLE COSTS	154.82	154.82
(C)	1. Cash/Share Rent & Land Lease	15.74	25.00
	2. Taxes, Water Rates, Lic. & Insurance	6.49	1.60
	3. Equipment & Building a) Depreciation	18.08	18.08
	b) Lease Payments	.00	.00
	4. Paid Capital Interest	8.85	2.11
	TOTAL CAPITAL COSTS	49.16	46.79
(D)	CASH COSTS (B+C-B14-C3)	181.81	179.44
(E)	TOTAL PRODUCTION COSTS (B+C)	203.98	201.61
(F)	GROSS MARGIN (A-D)	57.76	161.56
	RETURN TO UNPAID LABOUR(A-E+B14)	39.68	143.48
	RETURN TO INVESTMENT (A-E+C4)	44.44	141.50
	RETURN TO EQUITY (A-E)	35.59	139.39
INVE	ESTMENT		
	Land	840.97	.00
	Buildings	51.71	51.71
	Machinery	167.76	167.76
	Irr. Mach.	.00	.00
	TOTAL	1,060.44	219.47
***	IAGEMENT		
WAN		- ·	
	Yield Per Acre (Bushel)	21.78	31.00

All Dryland Liberty Link Canola

Acres Cropped: 110.00

(A) 1. Crop Sales - Imputed Value of Production 24,950.00 226.82 10.00 2. Crop Insurance Receipts .00 .00 .00 3. Miscellaneous Receipts .00 .00 4. Government Program .00 .00 5. Additional Revenue from Straw / Aftermath Grazing .00 .00 6. Additional Revenue from Straw / Aftermath Grazing .00 .00 7. Brothilder Revenue from Straw / Aftermath Grazing .00 .00 8. Additional Revenue from Straw / Aftermath Grazing .00 .00 2. Fertilizer Rates: 107N 33P 16S 4,950.00 45.00 3. Chemicals .00 .00 .00 .00 5. Trucking & Marketing .00 .00 .00 .00 6. Fuel .569.80 5.18 .7 .11 .00 .00 .00 10. Utilities & Machine .754.21 6.86 .27.46 .4 .29 .23 11. Custom Work & Specialized Labour 1,100.00 10.00 12 .20 .20 .21 .29 12. Operating Interest Paid 1.42.21 1.29				Total \$	\$/Acre	\$/Bushel
3. Miscellaneous Receipts .00 .00 4. Government Program .00 .00 5. Additional Revenue from Straw / Aftermath Grazing .00 .00 GROSS RETURN 24,950.00 226.82 10.00 (B) 1. Seed & Seed Cleaning 3,850.00 35.00 2. Fertilizer Rates: 107N 33P 16S 4,950.00 45.00 3. Chemicals 3,020.60 27.46 .00 .00 .00 5. Trucking & Marketing .00 .00 .00 .00 .00 6. Fuel 569.80 5.13 .13 .11 .00 .00 .00 10. Utilities & Miscellaneous Expenses 359.85 3.27 .00 .00 .00 10. Utilities & Miscellaneous Expenses 359.85 3.27 .11.25 .14.221 1.29 13. Paid Labour (4.501 hours) 1,42.21 1.29 .00 .00 12. Operating Interest Paid 1,42.21 1.29 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02	(A)	1. Crop Sales - Imputed Value of	Production	24,950.00	226.82	10.00
4. Government Program .00 .00 5. Additional Revenue from Straw / Altermath Grazing .00 .00 GROSS RETURN 24,950.00 226.82 10.00 (B) 1. Seed & Seed Cleaning 3,850.00 35.00 2. Fertilizer Rates: 107N 33P 16S 4,950.00 45.00 3. Chemicals 3,020.60 27.46 4. 4. Hail / Crop Insurance & Program Premiums .00 .00 5. Trucking & Marketing .00 .00 .00 .00 .00 6. Fuel 569.80 5.18 .01 .00 .00 7. Irrigation Fuel & Electricity .00 .00 .00 .00 8. Repairs - Buildings .00 .00 .00 .00 10. Utilities & Miscellaneous Expenses 359.85 3.27 .01 .00 .00 12. Operating Interest Paid 142.21 1.29 .03 .044.01 .09 VARIABLE COSTS 16,434.01 149.40 6.59 .00 .00 .00		2. Crop Insurance Receipts		.00	.00	
5. Additional Revenue from Straw / Aftermath Grazing .00 .00 GROSS RETURN 24,950.00 226.82 10.00 (B) 1. Seed & Seed Cleaning 3,850.00 35.00 2 Fertilizer Rates: 107N 33P 16S 4,950.00 45.00 3. Chemicals 3,020.60 27.46 4 Hail / Crop Insurance & Program Premiums .00 .00 5. Trucking & Marketing .00 .00 .00 .00 .00 6. Fuel 568.00 5.18 .00 .00 .00 7. Irrigation Fuel & Electricity .00 .00 .00 .00 .00 10. Utilities & Miscellaneous Expenses 359.85 3.27 .11 .0ustom Work & Specialized Labour 1,100.00 10.00 12. Operating Interest Paid 142.21 1.23 1.23 1.25 14. Unpaid Labour (45.01 hours) 450.10 4.09 .00 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. Equipment & Building a) Depreciation 1.988.55 18.08 .00 .00 .22.00 .00		3. Miscellaneous Receipts		.00	.00	
GROSS RETURN 24,950.00 226.82 10.00 (B) 1. Seed & Seed Cleaning 3,850.00 35.00 2. Fertilizer Rates: 107N 33P 16S 4,950.00 45.00 3. Chemicals 3,020.60 27.46 4. 4. Hail / Crop Insurance & Program Premiums .00 .00 5. Trucking & Marketing .00 .00 .00 .00 6. Fuel 569.80 5.18 .00 .00 7. Irrigation Fuel & Electricity .00 .00 .00 .00 8. Repairs - Buildings .00 .00 .00 .00 10. Utilities & Miscellaneous Expenses 355.85 3.27 11. Custom Work & Specialized Labour 1,100.00 10.00 12. Operating Interest Paid 142.21 1.29 13. Paid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS 16,434.01 149.40 6.59 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3.261.97.72 2. Taxes, Water Rates, Lic. & Ins		4. Government Program		.00	.00	
(B) 1. Seed & Seed Cleaning 3,850.00 35.00 2. Fertilizer Rates: 107N 33P 16S 4,950.00 45.00 3. Chemicals 3,020.60 27.46 4. Hail / Crop Insurance & Program Premiums .00 .00 5. Trucking & Marketing .00 .00 6. Fuel .569.80 5.18 7. Irrigation Fuel & Electricity .00 .00 8. Repairs - Machine .742.1 6.86 9. Repairs - Buildings .00 .00 10. Utilities & Miscellaneous Expenses .359.85 3.27 11. Custom Work & Specialized Labour 1,100.00 10.00 12. Operating Interest Paid 142.21 1.29 13. Paid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS 14. Unpaid Labour (45.01 hours) 1.988.55 18.08 b) Lease Payments .00 .00 .00 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. Equipment & Building a) Depreciation 1.988.55 18.08 .00 b) Lease Payments .00		5. Additional Revenue from Strav	/ Aftermath Grazing	.00	.00	
2. Fertilizer Rates: 107N 33P 16S 4,950.00 45.00 3. Chemicals 3,020.60 27.46 4. Hail / Crop Insurance & Program Premiums .00 .00 5. Trucking & Marketing .00 .00 6. Fuel .569.80 .5.18 7. Irrigation Fuel & Electricity .00 .00 8. Repairs - Buildings .00 .00 10. Utilities & Miscellaneous Expenses .359.85 3.27 11. Custom Work & Specialized Labour 1,100.00 10.00 12. Operating Interest Paid 142.21 1.29 13. Paid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS 16. 434.01 149.40 6.59 (C) 1. Cash/Share Rent & Land Lease .3,080.00 28.00 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. Equipment & Building a) Depreciation .988.55 18.08 b) Lease Payments .00 .00 c) CASIT COSTS 5,477.26 49.79 2.20 (b) CASIT COSTS 5,477.37 49.79 <td></td> <td>GROSS RETURN</td> <td></td> <td>24,950.00</td> <td>226.82</td> <td>10.00</td>		GROSS RETURN		24,950.00	226.82	10.00
3. Chemicals 3,020.60 27.46 4. Hail / Crop Insurance & Program Premiums .00 .00 5. Trucking & Marketing .00 .00 6. Fuel 569.80 5.18 7. Irrigation Fuel & Electricity .00 .00 8. Repairs - Machine 754.21 6.86 9. Repairs - Buildings .00 .00 10. Utilities & Miscellaneous Expenses 359.85 3.27 11. Custom Work & Specialized Labour 1,100.00 10.00 12. Operating Interest Paid 142.21 1.29 13. Paid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS 16,434.01 149.40 6.59 (C) 1. Cash/Share Rent & Land Lease 3,080.00 28.00 2.1 2.20 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3.8 1.988.55 18.08 0.00 0.00 4. Paid Capital Interest 232.59 2.11 TOTAL CAPITAL COSTS 5,477.26 49.79 2.20 (E) TOTAL PRODUCTION COSTS (B	(B)	1. Seed & Seed Cleaning		3,850.00	35.00	
4. Hail / Crop Insurance & Program Premiums .00 .00 5. Trucking & Marketing .00 .00 6. Fuel .569.80 5.18 7. Irrigation Fuel & Electricity .00 .00 8. Repairs - Machine .754.21 6.86 9. Repairs - Buildings .00 .00 10. Utilities & Miscellaneous Expenses .359.85 3.27 11. Custom Work & Specialized Labour 1,100.00 10.00 12. Operating Interest Paid .142.21 1.29 13. Paid Labour (45.01 hours) .450.10 4.09 VARIABLE COSTS 16,434.01 149.40 6.59 (C) 1. Cash/Share Rent & Land Lease .3,080.00 28.00 2.7 axes, Water Rates, Lic. & Insurance 176.13 1.60 3. Equipment & Building a) Depreciation 1,988.55 18.08 b) Lease Payments .00 .00 4. Paid Capital Interest .232.59 2.11 TOTAL CAPITAL COSTS 5,4777.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (E) TOTAL PRODUCTION COSTS (B+C)		2. Fertilizer Rates: 107N 33P	16S	4,950.00	45.00	
5. Trucking & Marketing .00 .00 6. Fuel 569.80 5.18 7. Irrigation Fuel & Electricity .00 .00 8. Repairs - Machine 754.21 6.86 9. Repairs - Buildings .00 .00 10. Utilities & Miscellaneous Expenses 359.85 3.27 11. Custom Work & Specialized Labour 1,100.00 10.00 12. Operating Interest Paid 142.21 1.29 13. Paid Labour & Benefits (27.59 hours) 1,237.23 11.25 14. Unpaid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS 16,434.01 149.40 6.59 (C) 1. Cash/Share Rent & Land Lease 3,080.00 28.00 2. 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. 3. Equipment & Building a) Depreciation 1,988.55 18.08 10 b) Lease Payments .00 .00 .00 .00 4. Paid Capital Interest 232.59 2.11 TOTAL CAPITAL COSTS 5,477.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3)		3. Chemicals		3,020.60	27.46	
6. Fuel 569.80 5.18 7. Irrigation Fuel & Electricity .00 .00 8. Repairs - Machine 754.21 6.86 9. Repairs - Buildings .00 .00 10. Utilities & Miscellaneous Expenses 359.85 3.27 11. Custom Work & Specialized Labour 1,100.00 10.00 12. Operating Interest Paid 142.21 1.29 13. Paid Labour & Benefits (27.59 hours) 1,237.23 11.25 14. Unpaid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS (C) 1. Cash/Share Rent & Land Lease 3,080.00 28.00 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. Equipment & Building a) Depreciation 1,988.55 18.08 b) Lease Payments .00 .00 .00 4. Paid Capital Interest 232.59 2.11		4. Hail / Crop Insurance & Progra	m Premiums	.00	.00	
7. Irrigation Fuel & Electricity .00 .00 8. Repairs - Machine 754.21 6.86 9. Repairs - Buildings .00 .00 10. Utilities & Miscellaneous Expenses 3593 3.27 11. Custom Work & Specialized Labour 1,100.00 10.00 12. Operating Interest Paid 142.21 1.29 13. Paid Labour & Benefits (27.59 hours) 1,237.23 11.25 14. Unpaid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS 16,434.01 149.40 6.59 (C) 1. Cash/Share Rent & Land Lease 3,080.00 28.00 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. Equipment & Building a) Depreciation 1,988.55 18.08 b) Lease Payments .00 .00 4. Paid Capital Interest 232.59 2.11 TOTAL CAPITAL COSTS 5,4777.26 49.79 2.20 (b) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN T		5. Trucking & Marketing		.00	.00	
8. Repairs - Machine 754.21 6.86 9. Repairs - Buildings .00 .00 10. Utilities & Miscellaneous Expenses 359.85 3.27 11. Custom Work & Specialized Labour 1,100.00 10.00 12. Operating Interest Paid 142.21 1.29 13. Paid Labour & Benefits (27.59 hours) 1,237.23 11.25 14. Unpaid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS 16,434.01 149.40 6.59 (C) 1. Cash/Share Rent & Land Lease 3,080.00 28.00 2. 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. Equipment & Building a) Depreciation 1,988.55 18.08 0 b) Lease Payments .00 .00 .00 4. Paid Capital Interest 232.59 2.11 7.02 7.80 (E) TOTAL CAPITAL COSTS 19,472.63 177.02 7.80 (E) TOTAL CAPITAL COSTS 149.473 3488.82 31.72 1.40 RETURN TO INVESTMENT		6. Fuel		569.80	5.18	
9. Repairs - Buildings .00 .00 10. Utilities & Miscellaneous Expenses 359.85 3.27 11. Custom Work & Specialized Labour 1,100.00 10.00 12. Operating Interest Paid 142.21 1.29 13. Paid Labour & Benefits (27.59 hours) 1,237.23 11.25 14. Unpaid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS 16,434.01 149.40 6.59 (C) 1. Cash/Share Rent & Land Lease 3,080.00 28.00 2. 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. 3. Equipment & Building a) Depreciation 1,988.55 18.08 0 0.00 4. Paid Capital Interest 232.59 2.11 TOTAL CAPITAL COSTS 5,477.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO EQUITY (A-E) 3,038.73 27.62 1.22		7. Irrigation Fuel & Electricity		.00	.00	
10. Utilities & Miscellaneous Expenses 359.85 3.27 11. Custom Work & Specialized Labour 1,100.00 10.00 12. Operating Interest Paid 142.21 1.29 13. Paid Labour & Benefits (27.59 hours) 1,237.23 11.25 14. Unpaid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS 16,434.01 149.40 6.59 (C) 1. Cash/Share Rent & Land Lease 3,080.00 28.00 28.00 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. Equipment & Building a) Depreciation 1,988.55 18.08 b) Lease Payments .00 .00 .00 .00 .00 .00 4. Paid Capital Interest 232.59 2.11 .11 .00 .00 .00 (E) TOTAL CAPITAL COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 (E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.		8. Repairs - Machine		754.21	6.86	
11. Custom Work & Specialized Labour 1,100.00 10.00 12. Operating Interest Paid 142.21 1.29 13. Paid Labour & Benefits (27.59 hours) 1,237.23 11.25 14. Unpaid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS 16,434.01 149.40 6.59 (C) 1. Cash/Share Rent & Land Lease 3,080.00 28.00 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. Equipment & Building a) Depreciation 1,988.55 18.08 b) Lease Payments .00 .00 4. Paid Capital Interest 232.59 2.11 TOTAL CAPITAL COSTS 5,477.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO EQUITY (A-E) 3,038.73 27.62 1.22 INVES		9. Repairs - Buildings		.00	.00	
12. Operating Interest Paid 142.21 1.29 13. Paid Labour & Benefits (27.59 hours) 1,237.23 11.25 14. Unpaid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS 16,434.01 149.40 6.59 (C) 1. Cash/Share Rent & Land Lease 3,080.00 28.00 2. 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. Equipment & Building a) Depreciation 1,988.55 18.08 b) Lease Payments .00 .00 4. Paid Capital Interest 232.59 2.11 TOTAL CAPITAL COSTS 5,477.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO EQUITY (A-E) 3,038.73 27.62 1.22 INVESTMENT						
13. Paid Labour & Benefits (27.59 hours) 1,237.23 11.25 14. Unpaid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS 16,434.01 149.40 6.59 (C) 1. Cash/Share Rent & Land Lease 3,080.00 28.00 2.7 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3.8 19.988.55 18.08 0 0.00 4. Paid Capital Interest 232.59 2.11 7 707AL CAPITAL COSTS 5,477.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO EQUITY (A-E) 3,038.73 27.62 1.22 INVESTMENT Land .00 .00 .00 .00 Buildings 5,688.43		-	abour	1,100.00	10.00	
14. Unpaid Labour (45.01 hours) 450.10 4.09 VARIABLE COSTS 16,434.01 149.40 6.59 (C) 1. Cash/Share Rent & Land Lease 3,080.00 28.00 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. Equipment & Building a) Depreciation 1,988.55 18.08 b) Lease Payments .00 .00 4. Paid Capital Interest 232.59 2.11 TOTAL CAPITAL COSTS 5,477.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO INVESTMENT (A-E) 3,038.73 27.62 1.22 INVESTMENT Land .00 .00 .00 Buildings 5,688.43 51.71 Machinery .00 .00						
VARIABLE COSTS 16,434.01 149.40 6.59 (C) 1. Cash/Share Rent & Land Lease 3,080.00 28.00 28.00 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3.680.00 28.00 3. Equipment & Building a) Depreciation 1,988.55 18.08 0 0.00 4. Paid Capital Interest 232.59 2.11 707AL CAPITAL COSTS 5,477.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO INVESTMENT (A-E) 3,038.73 27.62 1.22 INVESTMENT Land .00 .00 .00 .00 Buildings 5,688.43 51.71 .00 .00 .00 Buildings 5,688.43 51.71 .00			, ,	,		
(C) 1. Cash/Share Rent & Land Lease 3,080.00 28.00 2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. Equipment & Building a) Depreciation 1,988.55 18.08 b) Lease Payments .00 .00 4. Paid Capital Interest 232.59 2.11 TOTAL CAPITAL COSTS 5,477.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO INVESTMENT (A-E) 3,038.73 27.62 1.22 INVESTMENT Land .00 .00 .00 Buildings 5,688.43 51.71 Machinery .00 .00 TOTAL 24,142.05 219.47 MANAGEMENT Yield Per Acre (Bushel) 22.68		14. Unpaid Labour	(45.01 hours)	450.10	4.09	
2. Taxes, Water Rates, Lic. & Insurance 176.13 1.60 3. Equipment & Building a) Depreciation 1,988.55 18.08 b) Lease Payments .00 .00 4. Paid Capital Interest 232.59 2.11 TOTAL CAPITAL COSTS 5,477.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO INVESTMENT (A-E+C4) 13.6 % 3,271.31 29.74 1.31 RETURN TO EQUITY (A-E) 3,038.73 27.62 1.22 INVESTMENT Land .00 .00 .00 Buildings 5,688.43 51.71 Machinery .00 .00 ToTAL 0.00 .00 .00 .00 .00 .00 Machinery .00 .00 .00 .00 .00 .00 .00 <td></td> <td>VARIABLE COSTS</td> <td></td> <td>16,434.01</td> <td>149.40</td> <td>6.59</td>		VARIABLE COSTS		16,434.01	149.40	6.59
3. Equipment & Building a) Depreciation b) Lease Payments 1,988.55 18.08 .00 .00 4. Paid Capital Interest 232.59 2.11 TOTAL CAPITAL COSTS 5,477.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO INVESTMENT (A-E) 3,038.73 27.62 1.22 INVESTMENT (A-E) 3,038.73 27.62 1.22 INVESTMENT Land .00 .00 .00 Buildings 5,688.43 51.71 .00 .00 .00 TOTAL .00 .00 .00 .00 .00 .00 .00 Buildings .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 </td <td>(C)</td> <td>1. Cash/Share Rent & Land Leas</td> <td>e</td> <td>3,080.00</td> <td>28.00</td> <td></td>	(C)	1. Cash/Share Rent & Land Leas	e	3,080.00	28.00	
b) Lease Payments .00 .00 4. Paid Capital Interest 232.59 2.11 TOTAL CAPITAL COSTS 5,477.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO INVESTMENT (A-E+C4) 13.6 % 3,271.31 29.74 1.31 RETURN TO EQUITY (A-E) 3,038.73 27.62 1.22 INVESTMENT Land .00 .00 .00 Buildings 5,688.43 51.71 .00 .00 Machinery .00 .00 .00 .00 .00 TOTAL 24,142.05 219.47 MANAGEMENT Yield Per Acre (Bushel) 22.68 22.68 .00		2. Taxes, Water Rates, Lic. & Insi	urance	176.13	1.60	
4. Paid Capital Interest 232.59 2.11 TOTAL CAPITAL COSTS 5,477.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO INVESTMENT (A-E+C4) 13.6 % 3,271.31 29.74 1.31 RETURN TO EQUITY (A-E) 3,038.73 27.62 1.22 INVESTMENT Land .00 .00 .00 Buildings 5,688.43 51.71 .00 .00 Horninery 18,453.62 167.76 .00 .00 TOTAL 24,142.05 219.47 .00 .00 MANAGEMENT Yield Per Acre (Bushel) 22.68 .22.68		3. Equipment & Building a) Dep	reciation	1,988.55	18.08	
TOTAL CAPITAL COSTS 5,477.26 49.79 2.20 (D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO INVESTMENT (A-E+C4) 13.6 % 3,271.31 29.74 1.31 RETURN TO EQUITY (A-E) 3,038.73 27.62 1.22 INVESTMENT Land .00 .00 .00 Buildings 5,688.43 51.71 Machinery 18,453.62 167.76 Irr. Machinery .00 .00 .00 .00 .00 TOTAL 24,142.05 219.47 MANAGEMENT Yield Per Acre (Bushel) 22.68			se Payments		.00	
(D) CASH COSTS (B+C-B14-C3) 19,472.63 177.02 7.80 (E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO INVESTMENT (A-E+C4) 13.6 % 3,271.31 29.74 1.31 RETURN TO EQUITY (A-E) 3,038.73 27.62 1.22 INVESTMENT Land .00 .00 .00 Buildings 5,688.43 51.71 5.688.43 51.71 Machinery 18,453.62 167.76 .00 .00 Irr. Machinery .00 .00 .00 .00 TOTAL 24,142.05 219.47 MANAGEMENT Yield Per Acre (Bushel) 22.68 22.68 22.68		-		232.59		
(E) TOTAL PRODUCTION COSTS (B+C) 21,911.27 199.19 8.78 (F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO INVESTMENT (A-E+C4) 13.6 % 3,271.31 29.74 1.31 RETURN TO EQUITY (A-E) 3,038.73 27.62 1.22 INVESTMENT Land .00 .00 .00 Buildings 5,688.43 51.71 18,453.62 167.76 Irr. Machinery .00 .00 .00 .00 TOTAL .00 .00 .00 .00 WANAGEMENT Yield Per Acre (Bushel) 22.68 219.47		TOTAL CAPITAL COSTS		5,477.26	49.79	2.20
(F) GROSS MARGIN (A-D) 5,477.37 49.79 2.20 RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO INVESTMENT (A-E+C4) 13.6 % 3,271.31 29.74 1.31 RETURN TO EQUITY (A-E) 3,038.73 27.62 1.22 INVESTMENT Land .00 .00 .00 Buildings 5,688.43 51.71 18,453.62 167.76 Irr. Machinery .00 .00 .00 .00 TOTAL .00 .00 .00 .00 MANAGEMENT Yield Per Acre (Bushel) 22.68 22.68	(D)	CASH COSTS	(B+C-B14-C3)	19,472.63	177.02	7.80
RETURN TO UNPAID LABOUR(A-E+B14) 3,488.82 31.72 1.40 RETURN TO INVESTMENT (A-E+C4) 13.6 % 3,271.31 29.74 1.31 RETURN TO EQUITY (A-E) 3,038.73 27.62 1.22 INVESTMENT (A-E) 3,038.73 27.62 1.22 INVESTMENT .00 .00 .00 Buildings 5,688.43 51.71 Machinery 18,453.62 167.76 Irr. Machinery .00 .00 TOTAL 24,142.05 219.47 MANAGEMENT 22.68	<u>(E)</u>	TOTAL PRODUCTION COST	S (B+C)	21,911.27	199.19	8.78
RETURN TO INVESTMENT RETURN TO EQUITY (A-E+C4) (A-E) 13.6 % 3,271.31 3,038.73 29.74 29.74 1.31 1.22 INVESTMENT (A-E) 3,038.73 27.62 1.22 INVESTMENT .00 .00 .00 Buildings 5,688.43 51.71 Machinery 18,453.62 167.76 Irr. Machinery .00 .00 TOTAL 24,142.05 219.47 MANAGEMENT Yield Per Acre (Bushel) 22.68	(F)	GROSS MARGIN	(A-D)	•	49.79	2.20
RETURN TO EQUITY (A-E) 3,038.73 27.62 1.22 INVESTMENT .00 .00 .00 Buildings 5,688.43 51.71 Machinery 18,453.62 167.76 Irr. Machinery .00 .00 TOTAL 24,142.05 219.47 MANAGEMENT 22.68 .00		RETURN TO UNPAID LABOU	JR(A-E+B14)	3,488.82	31.72	1.40
INVESTMENT .00 .00 Land .00 .00 Buildings 5,688.43 51.71 Machinery 18,453.62 167.76 Irr. Machinery .00 .00 TOTAL 24,142.05 219.47 MANAGEMENT Yield Per Acre (Bushel) 22.68		RETURN TO INVESTMENT	(A-E+C4) 13.6 %	3,271.31	29.74	1.31
Land .00 .00 Buildings 5,688.43 51.71 Machinery 18,453.62 167.76 Irr. Machinery .00 .00 TOTAL 24,142.05 219.47 MANAGEMENT Yield Per Acre (Bushel) 22.68		RETURN TO EQUITY	(A-E)	3,038.73	27.62	1.22
Buildings 5,688.43 51.71 Machinery 18,453.62 167.76 Irr. Machinery .00 .00 TOTAL 24,142.05 219.47 MANAGEMENT Yield Per Acre (Bushel) 22.68	INV	ESTMENT				
Machinery 18,453.62 167.76 Irr. Machinery .00 .00 TOTAL 24,142.05 219.47 MANAGEMENT Yield Per Acre (Bushel) 22.68		Land		.00	.00	
Irr. Machinery .00 .00 TOTAL 24,142.05 219.47 MANAGEMENT 22.68		Buildings		5,688.43	51.71	
TOTAL24,142.05219.47MANAGEMENT Yield Per Acre (Bushel)22.68		Machinery		18,453.62	167.76	
MANAGEMENTYield Per Acre (Bushel)22.68		Irr. Machinery		.00	.00	
Yield Per Acre (Bushel)22.68		TOTAL	_	24,142.05	219.47	
Yield Per Acre (Bushel)22.68	MA	NAGEMENT				
					22.68	
		. ,	shel		10.00	

	All Dryland Liberty Link Canola	Group AVG	Top 1/3 AVG
	Acres Cropped:	110.00	75.00
	Enterprises:	5	2
	·	\$/Acre	\$/Acre
(A)	1. Crop Sales - Imputed Value of Production	226.82	300.00
. ,	2. Crop Insurance Receipts	.00	.00
	3. Miscellaneous Receipts	.00	.00
	4. Government Program	.00	.00
	5. Additional Revenue from Straw / Aftermath Grazing	.00	.00
	GROSS RETURN	226.82	300.00
(B)	1. Seed & Seed Cleaning	35.00	35.00
(-)	2. Fertilizer	45.00	45.00
	3. Chemicals	27.46	27.46
	4. Hail / Crop Insurance & Program Premiums	.00	.00
	5. Trucking & Marketing	.00	.00
	6. Fuel	5.18	5.18
	7. Irrigation Fuel & Electricity	.00	.00
	8. Repairs - Machine	6.86	6.86
	9. Repairs - Buildings	.00	.00
	10. Utilities & Miscellaneous Expenses	3.27	3.27
	11. Custom Work & Specialized Labour	10.00	10.00
	12. Operating Interest Paid	1.29	1.29
	13. Paid Labour & Benefits	11.25	11.25
	14. Unpaid Labour	4.09	4.09
	VARIABLE COSTS	149.40	149.40
(C)	1. Cash/Share Rent & Land Lease	28.00	28.00
	2. Taxes, Water Rates, Lic. & Insurance	1.60	1.60
	3. Equipment & Building a) Depreciation	18.08	18.08
	b) Lease Payments	.00	.00
	4. Paid Capital Interest	2.11	2.11
	TOTAL CAPITAL COSTS	49.79	49.79
(D)	CASH COSTS (B+C-B14-C3)	177.02	177.02
(E)	TOTAL PRODUCTION COSTS (B+C)	199.19	199.19
(F)	GROSS MARGIN (A-D)	49.79	122.98
	RETURN TO UNPAID LABOUR(A-E+B14)	31.72	104.90
	RETURN TO INVESTMENT (A-E+C4)	29.74	102.92
	RETURN TO EQUITY (A-E)	27.62	100.81
INVE	ESTMENT		
	Land	.00	.00
	Buildings	51.71	51.71
	Machinery	167.76	167.76
	Irr. Mach.	.00	.00
	TOTAL	219.47	219.47
MAN	IAGEMENT		
	Yield Per Acre (Bushel)	22.68	30.00
	Expected Market Price Per Bushel	10.00	10.00

AgriProfit\$

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