

2014 Cropping Alternatives

2014 Production Costs and Returns (\$/acre)

Irrigated Soils

Stubble Seeded Crops

<i>AgriProfit</i> \$	Spring Wheat <small>1 CWRs 13.5%</small>	CPS Wheat <small>1 CPSR</small>	Durum Wheat <small>1 CWAD 13%</small>	Soft Wheat <small>1 CWSWS</small>	Feed Barley <small>1 CW</small>	Malt Barley <small>Select CW 2R</small>	Argentine HT Canola <small>1 CAN</small>	Sugar Beets	Process Potatoes	Dry Beans <small>1 CAN</small>	Alfalfa Hay	Cereal Silage
Expected Yield per Acre	90.00 bu	100.00 bu	100.00 bu	110.00 bu	110.00 bu	95.00 bu	60.00 bu	22.00 t	15.50 t	2300.00 lbs	4.00 t	12.00 t
Expected Market Price	6.02 /bu	5.01 /bu	6.02 /bu	4.52 /bu	3.51 /bu	4.51 /bu	9.75 /bu	53.00 /t*	260.00 /t	0.35 /lb	83.06 /t	42.06 /t
Crop Sales (\$/acre)	541.37	500.82	601.52	497.01	385.59	428.15	585.17	1166.00	4030.00	805.26	332.23	504.77
Direct Expenses												
Seed, Cleaning & Treatment	23.64	22.54	22.10	19.05	17.53	22.53	32.18	124.90	367.17	52.52	14.88	17.53
Fertilizer (NPKS blend)	92.00 100-40-5-0	92.00 100-40-5-0	92.00 100-40-5-0	99.00 110-40-5-0	92.00 100-40-5-0	80.00 90-30-5-0	112.50 110-50-5-20	99.50 100-50-10-0	279.50 220-140-110-20	85.50 80-50-0-10	24.50 5-40-0-0	90.00 100-40-0-0
Chemical	45.62 *	45.62 *	45.62 *	45.62 *	22.25 *	45.62 *	38.00 *	48.50 *	572.06 *	48.50 *	2.06	12.00
Hail/Crop Insurance	18.16	21.97	23.67	19.39	14.04	14.04	19.96	10.30	0.00	51.96	0.00	0.00
Trucking & Marketing	48.99	54.43	54.43	59.87	47.90	41.37	27.22	88.00	162.75	22.95	47.89	47.89
Fuel, Oil & Lube	29.10	31.95	32.27	29.01	31.49	35.04	34.01	61.33	149.18	47.52	46.96	34.81
Machinery Repairs	30.01	27.64	30.54	27.90	29.22	30.98	30.54	55.28	136.89	65.81	35.80	19.48
Building Repairs	2.07	2.07	2.07	2.07	2.07	2.07	2.07	3.88	20.68	4.39	1.03	1.03
Irrigation: Pumping Costs	15.25	15.00	14.75	15.00	15.00	15.00	16.00	33.00	52.80	20.00	20.00	25.00
Custom Work	8.20	8.20	9.23	9.23	12.30	12.81	7.18	45.62	135.31	30.24	8.20	33.83
Labour (Paid and Unpaid)	30.75	31.78	32.03	31.78	34.85	34.85	31.78	76.88	307.53	70.22	34.85	35.88
Utilities & Miscellaneous	24.60	24.00	25.00	24.00	31.00	31.00	19.50	65.00	135.00	28.00	46.50	20.00
Operating Interest	8.06	8.01	7.99	8.18	6.59	7.41	9.13	13.64	60.94	9.33	2.07	5.98
Storage and/or Levies	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	160.00	0.00	0.00	0.00
Total Direct Expense	376.46	385.20	391.69	390.10	356.24	372.72	380.05	745.83	2539.80	536.94	284.75	343.42
Contribution Margin	164.91	115.61	209.83	106.90	29.35	55.43	205.11	420.17	1490.20	268.32	47.48	161.34
Total Cost per Unit	6.58	6.01	6.07	5.50	5.20	6.19	9.92	44.15	178.40	0.33	120.45	45.04
Break-Even Yield	99.00 bu	120.00 bu	101.00 bu	135.00 bu	164.00 bu	131.00 bu	62.00 bu	19.00 t	10.60 t	2177.00 lbs	5.80 t	12.85 t

Capital Costs by Enterprise	Crops	Forages	Specialty
Crop Share/Cash Rent	124.43	119.02	124.43
Licenses and Insurance	43.28	27.05	43.28
Depreciation	90.22	93.87	96.48
Paid Capital Interest	18.23	12.66	24.82
Total Capital Costs	276.16	252.60	289.01
Adjusted Capital Costs	215.41	197.03	225.42

Questions?
 Rawlin Thangaraj 780-422-4056
 Production Crops Economist, Economics Branch
 Alberta Agriculture and Rural Development
Note: Please refer to 2014 Methodology on Ropin the Web.

Prepared December 23, 2014