Transition payments

Crop production	Transition year	Yield decline loss as decimal	AV. 5 year yield 00-04 t/ha	Av. 5 yr price $/t	Transition loss $/ha	Govt payment Loss ($/ha) x 0.1	Avoided cost payment $/ha - 3 yrs after certific	Area converted ha	Gross payment	Net payments 12% reduction in CAISP and PI payments for Ontario government	
Pasture	1	0	n/a	n/a	0	0					
	2	0	n/a	n/a	0	0					
	3	0	n/a	n/a	0	0					
	Total					0	0.5	62493	31246.5		
Hay	1	0.1	5	90	45.00	4.50					
	2	0.05	5	90	22.50	2.25					
	3	0	5	90	0.00	0.00					
	Total					6.75	22.25	70071	2032059		
Spring wheat	1	0.3	3.38	164	166.30	16.63					
	2	0.2	3.38	164	110.86	11.09					
	3	0.1	3.38	164	55.43	5.54					
	Total					33.26	22.25	5628	312405.78		
Winter wheat	1	0.3	4.92	126.6	186.86	18.69					
	2	0.2	4.92	126.6	124.57	12.46					
	3	0.1	4.92	126.6	62.29	6.23					
	Total					37.37	22.25	35144	2095366.81		
Barley	1	0.3	3.32	126	125.50	12.55					
	2	0.2	3.32	126	83.66	8.37					
	3	0.1	3.32	126	41.83	4.18					
	Total					25.10	22.25	9552	452279.56		
Fall rye	1	0.2	2.3	119.8	55.11	5.51					2004 rye prices n/a
	2	0.1	2.3	119.8	27.55	2.76					
	3	0.05	2.3	119.8	13.78	1.38					
	Total					9.64	22.25	3563	113637.97		
Oats	1	0.2	2.6	146.8	76.34	7.63					
	2	0.1	2.6	146.8	38.17	3.82					
	3	0.05	2.6	146.8	19.08	1.91					
	Total					13.36	22.25	5318	189367.60		
Buckwheat	1	0.3	1.48	317	140.75	14.07					1996-2000 prices
	2	0.2	1.48	317	93.83	9.38					
	3	0.1	1.48	317	46.92	4.69					
	Total					28.15	22.25	1911	96313.64		
Corn (grain)	1	0.3	7.28	135.2	295.28	29.53					
	2	0.2	7.28	135.2	196.85	19.69					
	3	0.15	7.28	135.2	147.64	14.76					
	Total					63.98	22.25	33026	2847721.01		
Corn silage	1	0.2	29.4	25.4	149.35	14.94					
	2	0.15	29.4	25.4	112.01	11.20					
	3	0.1	29.4	25.4	74.68	7.47					
	Total					33.60	22.25	5827	325462.42		
Soybeans	1	0.3	2.22	299.4	199.40	19.94					
	2	0.2	2.22	299.4	132.93	13.29					
	3	0.15	2.22	299.4	99.70	9.97					
	Total					43.20	22.25	86854	5684891.34		
Flax	1	0.45	1.58	292	207.61	20.76					From 2005 FCC reports for Prairie sales; yield data 1987-1991
	2	0.3	1.58	292	138.41	13.84					
	3	0.15	1.58	292	69.20	6.92					$292/tonne is the historical 14 year average on the Prairies
	Total					41.52	22.25	622	39666.43		
Edible beans	1	0.3	1.88	583	328.81	32.88					
	2	0.2	1.88	583	219.21	21.92					
	3	0.15	1.88	583	164.41	16.44					
	Total					71.24	22.25	2399	224288.75		
Mixed grains	1	0.3	2.98	113.8	101.74	10.17					
	2	0.2	2.98	113.8	67.82	6.78					
	3	0.1	2.98	113.8	33.91	3.39					
	Total					20.35	22.25	8351	355731.22		
Potatoes	1	0.4	21.26	293.63	2497.03	249.70					
	2	0.3	21.26	293.63	1872.77	187.28					
	3	0.25	21.26	293.63	1560.64	156.06					
	Total					593.04	22.25	1477	908789.99		
Vegetables	1	0.4	22.9	965.06	8839.95	883.99					2004 average only for 29 veetables
	2	0.3	22.9	965.06	6629.96	663.00					
	3	0.25	22.9	965.06	5524.97	552.50					
	Total					2099.49	22.25	6392	13562149.49		
apples	1	0.5	25.19	429.4	5408.29	540.83					
	2	0.4	25.19	429.4	4326.63	432.66					
	3	0.3	25.19	429.4	3244.98	324.50					
	Total					1297.99	22.25	1407	1857578.13		
Grapes	1	0.5	8.4	876.1	3679.62	367.96					
	2	0.4	8.4	876.1	2943.70	294.37					
	3	0.3	8.4	876.1	2207.77	220.78					
	Total					883.11	22.25	307	277945.15		
Peaches	1	0.5	10.8	1120.16	6048.86	604.89					
	2	0.4	10.8	1120.16	4839.09	483.91					
	3	0.3	10.8	1120.16	3629.32	362.93					
	Total					1451.73	22.25	231	340488.77		
Strawberries	1	0.5	5.04	2393.42	6031.42	603.14					
	2	0.4	5.04	2393.42	4825.13	482.51					
	3	0.3	5.04	2393.42	3618.85	361.89					
	Total					1447.54	22.25	122	179314.43		
Sour cherries	1	0.5	5.11	1152.3	2944.13	294.41					No 2000 price or yield
	2	0.4	5.11	1152.3	2355.30	235.53					
	3	0.3	5.11	1152.3	1766.48	176.65					
	Total					706.59	22.25	42	30611.30		
Pears	1	0.5	8.37	820.74	3434.80	343.48					CANSIM 2001-2003
	2	0.4	8.37	820.74	2747.84	274.78					
	3	0.3	8.37	820.74	2060.88	206.09					
	Total					824.35	22.25	37	31324.25		
Raspberries	1	0.5	1.55	4988.54	3866.12	386.61					
	2	0.4	1.55	4988.54	3092.89	309.29					
	3	0.3	1.55	4988.54	2319.67	231.97					
	Total					927.87	22.25	37	35154.38		
Crops Total									31992547.42	28153441.73	

Animals		Average yield	Average price 5 yr av. 00-04	Yield loss $/animal	Govt payment $/animal	Animals #	Gross payment	
		l/cow	Milk sales/cow					
Dairy	1	0.2	7492	4773.9	954.78	95.48		2004 only; Ontario Dairy Farm Accounting Project, http://www.milk.org/pdf/publications-odfap_report.pdf
(milk yield)	2	0.15	7492	4773.9	716.085	71.61		
	3	0.1	7492	4773.9	477.39	47.74		
	Total					214.83	31959	6865608.15
		kg liveweight (un	$/kg					
Beef	Av during 3 yr.	0.15	550	2.02	166.65	16.665	43637	727210.61
Sheep	Av during 3 yr.	0.05	68	1.64	5.58	0.56	33397	18622.17
Pork	Av during 3 yr.	0.2	113	1.61	36.39	3.64	97500	354763.50
Broiler chicken	Av during 3 yr.	0.3	1.58	2.44	1.16	0.12	606239	70115.18
Turkeys	Av during 3 yr.	0.3	7.93	1.77	4.21	0.42	83590	35198.33
		dozen eggs/layer						
Layer chicken	Av during 3 yr.	0.3	23	1.25	8.625	0.86	468041	403685.36
Animal total								8475203.29
Total payments								40467750.71 36628645.02
Additional administrative costs @$200,000 / yr								2485400.00
								39114045.02

Sheep: Average slaughter sheep prices (live weight) assumes 60/40 ratio sheep to lambs; lamb slaughter weight 50kg, sheep slaughter weight (rams and ewes) 80 kg
Pork: Farrow to finish operations; index100 hog prices; losses based on 25% lower feed efficiency with feed costs 80% of total costs
Broiler chicken: http://www.certifiedorganic.bc.ca/rcbtoa/training/poultrybreeds.htm; assumes at conventional live slaughter weight, organic bird weighs 30% less due to slower daily weight gain; carcass weight, not live?
Turkeys: Carvass weight
Layer chicken: eggs/layer 5 yr av. 200-2004