

Targets (5 and 15 yrs)

Production	Conventional Production (ac)	15 yr target (dec.)	Target Acres	Current Organic Production	5 yr target acres (2x current)	Current # organic farmers	15 yr target: Acres to be converted (ac)	Size Range targeted	Estimated # of farms operating (15 yrs)	Notes
<u>Crop</u>	2004 unless noted	adapted from NOSP		2003 unless noted		2003 unless noted		Existing organic averages unless noted	Not additive since really no of commodity-farm combinations (adjust by 3)	
Pasture	2087093	0.08	166967	12610	25220		154357			(Hay/Pasture 26,733 aggregate ratio as conventional 2.12 H:P
Hay	2339990	0.08	187199	14123	28246	279	173076	96	3411	
Spring Wheat	120042	0.12	14405	505	1010		13900			(3656 organic wheat acres, 7.24 Winter / Spring wheat ratio); organic 42 acres: range up to 77 acres (80% of farmers)
Winter Wheat	749645	0.12	89957	3151	6302	87+	86806	42	2933	
Barley	254904	0.1	25490	1896	3792		23594	41		575 Conventional average acres/farm (2001)
Fall Rye	64961	0.15	9744	943	1886	45	8801	21		419
Oats	104975	0.15	15746	2610	5220		13136	22		597 Conventional average acres/farm (2001)
Buckwheat	5941	1	5941	1222	2444	40+	4719	31		152 Conventional acres 2001 Census
Corn (grain)	1699360	0.05	84968	3394	6788		81574			3993 organic acres corn, using conventional ratio; 41 ac up to 77acres 62%
Corn (silage)	299858	0.05	14993	599	1198	97	14394	41	2341	
Soybeans	2324023	0.1	232402	17872	35744	145+	214530	89	2410	88.7 to 127 acres; 2005 organic acres from Soy 2/20 http://www.soy2020.ca/pdfs/OrganicSoybeanProcessingFacilityValueProposition.pdf
Flax	1983	1	1983	447	894		1536			37 Conventional acres 2001 Census; 48 conventional farmers
Edible Beans	60021	0.1	6002	76	152		5926	59		Conventional ac/farm average 2001; 987 white bean producers
Mixed Grains	154869	0.15	23230	2603	5206		20627	31		665 Conventional ac/farm average 2001; >7000 farms reporting
Potatoes	38964	0.1	3896	249	498	19	3647	13		281 876 conventional producers (2001)
Vegetables	170147	0.1	17015	1227	2454	136	15788	9		Conventional acres 2001 census (3938 producers); organic 1754 numbers 04
Apples	17394	0.25	4349	873	1746	20	3476	44		44 average, fill in size range 49 acres - 90% of farms, 41% 79 of acres in that range
Grapes	16017	0.05	801	42	84	6	759	7		108 7 up to 9 (48% of farmers)
Peaches	5698	0.1	570	0	100		570	16		36 Conventional acres/farm, 2001 420 farms
Strawberries	3100	0.1	310	8	16		302	6		50 Conventional acres/farm, 2001 830 farms
Sour Cherries	2099	0.05	105	0	20		105	12		9 Conventional acres/farm, 2001 198 farms
Pears	1850	0.05	93	1	2		92	4		23 Conventional acres/farm, 2001 695 farms
Raspberries	948	0.1	95	3	6		92	2		46 Conventional acres/farm, 2001 684 farms
Crop totals	9035915		906262	64454	129028		841808			2001 Census; conventional ratio roughly 2.5 to one for crops reported to total farms recording crops (53799 farms ON 2001); we use a ratio of 3 to reflect more crop diversification in organic
Crop totals (ha)	3658265		366908	24064	52238					
<u>Livestock</u>	Head	Target	Target head	Current organic		Current organic farmers	Head to be converted			
Dairy	354000	0.1	35400	3441	6882	43	31959	74		74 head organic, 86% of conventional farms hold up to 77 432 head; 2004 organic data
Beef	2308000	0.02	46160	2523	5046	67	43637	38		Feedlot estimated at 40% of total, but 95% of farms have 1148 up to 77 headt; Organic beef head from 2004
Sheep	340000	0.1	34000	603	1206	13	33397	46		Most sheep producers have less than 177 head; 2004 726 organic data
Pork	3690000	0.03	110700	13200	26400	12	97500	1100		89 Organic data from OMAF swine specialist
Chicken (broilers, etc)	203997000	0.003	611991	5752	11504	24	606239	667		Organic data 2004; 667 birds / farm is av. For largest # of farms (and smallest operations) size category; requires 2/3 909 of smallest size class to convert
Turkey	8364000	0.01	83640	50	100	1	83590	11617		180 conventional turkey growers (46467/farm); http://www.canadianturkey.ca/ctma/en/docs/Turkeyfacts05.pdf ; assume organic operators are 1/4 average conventional 7 size
Layers (chickens)	9620000	0.05	481000	12959	25918	25	468041	518		Most layer operations are in this size range 6427 conventional operations; very skewed distribution; Cdn av. 904 14000
Totals	228319000	0.006	1402891	38528	77056	487 (2003)	1364363			Animal producers not added to total as it is assumed that all animal producers would report crop acres 4215