

ACREAGE REQUIRED TO MEET FOOD DEMAND IN VARIOUS CATEGORIES								
VINEYARD MARKET BASKET (localized demand)								
Draft January 2, 2008								
	pounds /unit/year	acres/unit	acres/pound	present demand (pounds)	present demand (pounds per capita)	acreage required per capita	acreage required for 16,385	acreage required including seasonal (25,919)
total						0.5557	9,105.12	14,403.15
dairy				4,128,707	267	0.0385	630.61	997.55
dairy - beverage milk demand (pounds milk produced and acreage required/cow)	17,000	1	0.000059	2,811,822	182	0.0107	175.01	276.85
dairy case				793,056	51.21	0.0237	388.58	614.68
cheese	1,700	1	0.000588	582,138	37.59	0.0221	362.34	573.17
cottage cheese	2,720	1	0.000368	40,132	2.59	0.0010	15.61	24.70
yogurt	17,000	1	0.000059	170,786	11.03	0.0006	10.63	16.82
frozen dairy				384,556	24.83	0.0041	67.02	106.02
ice cream	6,071	1	0.000165	223,442	14.43	0.0024	38.94	61.60
ice milk	6,071	1	0.000165	105,962	6.84	0.0011	18.47	29.21
misc. frozen dairy	6,071	1	0.000165	55,153	3.56	0.0006	9.61	15.21
misc. dairy				0	0.00	0.0000	0.00	0.00
cheese spread				0	0.00	0.0000	0.00	0.00
evaporated milk	8,095			0	0.00	0.0000	0.00	0.00
powdered milk (whole)	2,297			0	0.00	0.0000	0.00	0.00
processed cheese				0	0.00	0.0000	0.00	0.00
fats & sugars				3,762,665	242.99	0.1846	3,024.12	4,783.78
cane or beet sugar	9,000	1	0.000111	965,129	62.33	0.0069	113.47	179.49
butter, marg, etc.				418,500	27.03	0.0220	361.15	571.29
butter	802	1	0.001247	73,033	4.72	0.0059	96.43	152.54
cream	0	1	0.000000	170,741	11.03	0.0000	0.00	0.00
cream cheese	2,720	1	0.000368	38,925	2.51	0.0009	15.12	23.92

margarine	300	1	0.003333	70,752	4.57	0.0152	249.60	394.83
sour cream	0	1	0.000000	65,049	4.2	0.0000	0.00	0.00
fats & oils				1,193,556	77.08	0.1556	2,549.51	4,033.00
beef tallow	0		0.000000	6,458	0.97	0.0000	0.00	0.00
lard	0		0.000000	25,833	1.67	0.0000	0.00	0.00
misc. fats & oils				0	0.00	0.0000	0.00	0.00
corn oil	300	1	0.003333	722,841	46.68	0.1556	2,549.51	4,033.00
shortening	0	0	0.000000	384,814	24.85	0.0000	0.00	0.00
syrups	0	0	0.000000	24,095	1.56	0.0000	0.00	0.00
honey	0	0	0.000000	24,095	1.56	0.0000	0.00	0.00
fruits				4,163,712	268.89	0.0450	736.75	1,165.44
berries				274,536	17.73	0.0032	52.90	83.67
blackberries	2,000		0.000000	1,137	0.07	0.0000	0.00	0.00
blueberries	2,300	1	0.000435	25,692	1.66	0.0007	11.82	18.70
cranberries	0	0	0.000000	72,166	4.66	0.0000	0.00	0.00
misc. berries	2,000	1	0.000500	1,072	0.07	0.0000	0.57	0.90
raspberries	2,000	1	0.000500	11,298	0.73	0.0004	5.98	9.46
strawberries	5,000	1	0.000200	163,171	10.54	0.0021	34.53	54.62
melons				427,312	27.60	0.0027	43.95	69.53
cantaloupe	7,600	1	0.000132	148,216	9.57	0.0013	20.64	32.64
honeydew	7,600	1	0.000132	32,807	2.12	0.0003	4.57	7.23
watermelon	13,900	1	0.000072	246,289	15.91	0.0011	18.75	29.66
non-citrus fruits				3,461,863	223.56	0.0391	639.90	1,012.24
apples	9,324	1	0.000107	2,434,616	157.22	0.0169	276.29	437.05
apricots	12,240	1	0.000082	14,180	0.92	0.0001	1.23	1.94
cherries	9,700	1	0.000103	9,058	0.58	0.0001	0.99	1.56
grapes	2,134	1	0.000469	578,019	37.33	0.0175	286.60	453.37
kiwi	14,000	1	0.000071	7,151	0.46	0.0000	0.54	0.85
peaches	5,040	1	0.000198	188,349	12.16	0.0024	39.54	62.55
pears	3,500	1	0.000286	86,650	5.60	0.0016	26.20	41.44
plums (beach plum)	0	0	0.000000	23,858	1.54	0.0000	0.00	0.00
prunes (dry wt.)	3,700	1	0.000270	6,532	0.42	0.0001	1.87	2.95
raisins (raisin grapes)	18,060	1	0.000055	113,450	7.33	0.0004	6.65	10.51
citrus fruits				0	0.00	0.0000	0.00	0.00

grains				2,986,189	192.84	0.0735	1,204.62	1,905.55
whole grains				402,104	25.97	0.0317	518.85	820.76
barley	33.6	1	0.029762	10,300	0.67	0.0199	326.72	516.84
oats	394	1	0.002538	71,522	4.62	0.0117	192.13	303.92
rice	0	0	0.000000	320,282	20.68	0.0000	0.00	0.00
grain meals				2,584,085	166.88	0.0419	685.76	1,084.79
whole wheat flour	2,886	1	0.000347	1,567,585	101.23	0.0351	574.74	909.16
corn grits	15,000	1	0.000067	131,623	8.50	0.0006	9.28	14.69
corn meal	10,000	1	0.000100	748,609	48.34	0.0048	79.21	125.30
corn starch	6,400	1	0.000156	136,268	8.80	0.0014	22.53	35.64
meats & nuts				5,059,567	326.74	0.1636	2,679.81	4,239.12
eggs	34.6	0.008	0.000231	1,014,648	65.52	0.0152	248.24	392.68
fish				1,838,312	119.24	0.0000	0.00	0.00
fish				762,305	49.75	0.0000	0.00	0.00
shellfish				1,076,007	69.49	0.0000	0.00	0.00
poultry	26	0.004	0.000154	1,839,263	118.78	0.0157	256.88	406.36
chicken	26	0.004	0.000154	1,578,020	101.91	0.0157	256.88	406.36
turkey	0	0	0.000000	261,243	16.87	0.0000	0.00	0.00
nuts				24,343	1.57	0.0008	12.66	20.02
hazelnuts	3,100	1	0.000323	1,176	0.08	0.0000	0.40	0.63
<i>chestnuts</i>	2,000	1	0.000500	14,910	0.96	0.0005	7.89	12.48
walnuts	2,000	1	0.000500	8,257	0.53	0.0003	4.37	6.91
red meat				1,365,672	88.19	0.1320	2,162.03	3,420.06
beef	277	0.92	0.003321	363,067	23.45	0.0779	1,275.94	2,018.38
lamb	30	0.075	0.002500	18,354	1.19	0.0030	48.55	76.80
pork	185	0.15	0.000811	976,228	63.04	0.0511	837.54	1,324.88
veal				0	0.00	0.0000	0.00	0.00
vegetables				6,280,613	405.59	0.0506	829.21	1,311.70
green vegetables				836,947	54.05	0.0130	213.07	337.05
asparagus	1,400	1	0.000714	21,808	1.41	0.0010	16.48	26.07
bell peppers	17,800	1	0.000056	27,120	1.75	0.0001	1.61	2.55
broccoli	3,000	1	0.000333	270,212	17.45	0.0058	95.31	150.76
brussels sprouts	3,000	1	0.000333	4,342	0.28	0.0001	1.53	2.42

cabbage	32,000	1	0.000031	126,844	8.19	0.0003	4.19	6.63
celery (hothouse)	0	0	0.000000	939	0.06	0.0000	0.00	0.00
cucumbers	9,300	1	0.000108	147,105	9.50	0.0010	16.74	26.48
green peas	3,500	1	0.000286	66,081	4.27	0.0012	19.98	31.60
okra (hothouse)	0	0	0.000000	1,555	0.10	0.0000	0.00	0.00
pickles	9,300	1	0.000108	48,863	3.16	0.0003	5.56	8.79
snap beans	2,500	1	0.000400	122,078	7.88	0.0032	51.67	81.73
leafy vegetables				610,766	39.44	0.0063	102.62	162.33
escarole	2,400	1	0.000417	3,762	0.24	0.0001	1.66	2.62
kale	2,400	1	0.000417	20,448	1.32	0.0006	9.02	14.26
lettuce (head)	7,300	1	0.000137	159,906	10.33	0.0014	23.18	36.66
lettuce (leaf)	10,800	1	0.000093	348,017	22.47	0.0021	34.10	53.94
mustard greens	2,400	1	0.000417	1,473	0.10	0.0000	0.65	1.03
spinach	2,400	1	0.000417	75,736	4.89	0.0020	33.39	52.82
turnip greens	2,400	1	0.000417	1,424	0.09	0.0000	0.63	0.99
misc. vegetables				753,558	48.66	0.0137	225.05	356.00
chile peppers	20,300	1	0.000049	49,276	3.18	0.0002	2.57	4.06
dry edible beans	1,040	1	0.000962	166,878	10.78	0.0104	169.79	268.58
dry peas & lentils	1,040	1	0.000962	11,614	0.75	0.0007	11.82	18.69
garlic	12,000	1	0.000083	43,872	2.83	0.0002	3.87	6.12
misc veg (<i>summer squash</i>)	12,000	1	0.000083	85,925	5.55	0.0005	7.58	11.99
mushrooms	0	0	0.000000	62,202	4.02	0.0000	0.00	0.00
onions	12,000	1	0.000083	333,791	21.56	0.0018	29.43	46.56
sauerkraut	32,000	1	0.000031	0	0.00	0.0000	0.00	0.00
red vegetables				1,330,092	85.90	0.0068	110.90	175.43
eggplant	13,900	1	0.000072	14,870	0.96	0.0001	1.13	1.79
radishes	0	0	0.000000	8,144	0.53	0.0000	0.00	0.00
tomatoes	12,600	1	0.000079	1,307,077	84.41	0.0067	109.77	173.64
starchy vegetables				2,348,091	151.64	0.0087	141.76	224.25
cauliflower	3,000	1	0.000333	32,994	2.13	0.0007	11.64	18.41
lima beans	1,040	1	0.000962	4,929	0.32	0.0003	5.01	7.93
<i>potato chips</i>		0	0.000000	0	0.00	0.0000	0.00	0.00
potatoes	29,500	1	0.000034	1,609,866	103.96	0.0035	57.74	91.34
sweet corn	11,000	1	0.000091	700,301	45.22	0.0041	67.36	106.56

yellow vegetables				401,159	25.91	0.0022	35.82	56.66
carrots	12,000	1	0.000083	178,411	11.52	0.0010	15.73	24.89
pumpkins	12,900	1	0.000078	74,226	4.79	0.0004	6.09	9.63
squash	14,500	1	0.000069	77,735	5.02	0.0003	5.67	8.97
sweet potatoes	9,000	1	0.000111	70,788	4.57	0.0005	8.32	13.17