

GRAPES

New York's 1996 vineyard survey indicates the State's grape acreage has continued to decline in the 1990's, but at a slower rate than in the past. Acres in grapes at the end of 1996 totaled 31,401, down 4 percent from the 1990 survey total of 32,846 acres and 18 percent below 1985. In 1996, the Chautauqua-Erie region accounted for 57 percent of the State's grape acreage compared to 58 percent in 1990. The Finger Lakes area accounted for 32 percent of the total, the same as in 1990. Acreage was down slightly in all producing regions except in the Eastern counties where a 42 percent increase in Suffolk county resulted in an overall increase for that region of 21 percent. Long Island is the State's fastest growing wine region. Being surrounded by water helps to moderate temperatures in that area, creating a long growing season and ideal conditions for merlots, chardonnays, and other European classics.

The number of vineyards now total 990 compared to 1,095 in 1990, a decrease of 10 percent. The numbers declined in the Chautauqua-Erie region and the Finger Lakes Region while remaining constant in the other Western counties. The Eastern counties posted a 21 percent increase in the number of growers, again due mainly to Suffolk county. If grower intentions for 1997 are realized, only minor changes in total grape acreage will be evident. Growers intend to remove 624 acres prior to the 1997 harvest and plant only 366 acres. The variety accounting for the highest acreage to be removed was Delaware while Niagara, at 169 acres accounted for 46 percent of the intended plantings for 1997.

Concord, the dominant variety grown in the State, totaled 19,948 acres. Concord acreage accounted for 64 percent of the total acres, the same as in 1990. Other varieties listed in order of total acreage are: Niagara, Catawba, Aurora, and Chardonnay.

Grape production statewide in 1996 from this special grower enumeration totaled 189,259 tons compared with 143,071 tons in the 1990 survey. This represents the total grape production including unutilized production. The Chautauqua-Erie region accounted for 62 percent of the total followed by the Finger Lakes area with 32 percent and the Eastern counties with 3 percent. By variety, Concords accounted for 70 percent of the total production in 1996 compared to 66 percent in 1990. Niagara accounted for 6 percent of the total, the same as in 1990. Catawba dropped slightly, accounting for 6

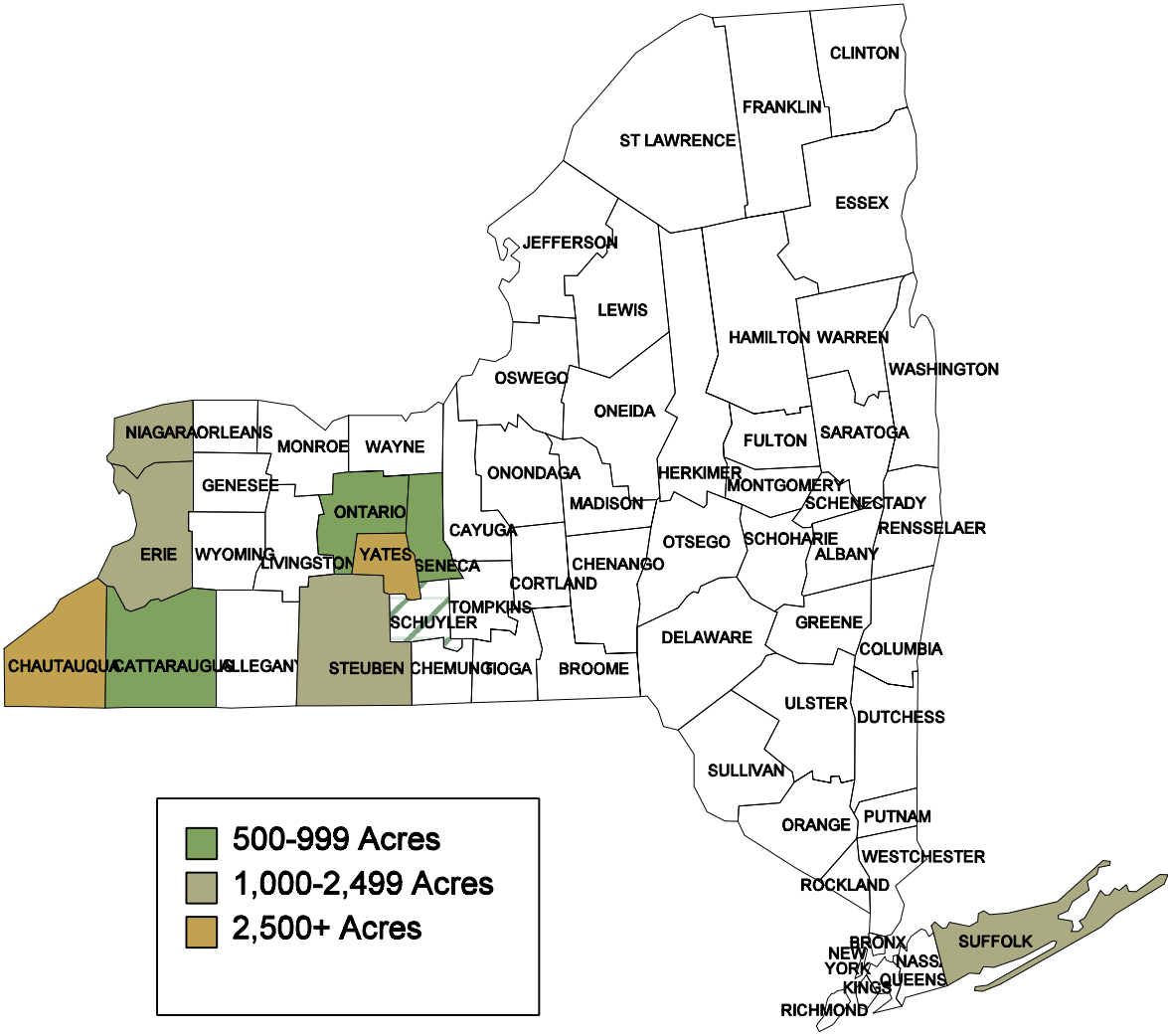
percent of the total as compared to 7 percent in 1990.

In 1996 growers were asked once again to report the rootstock to which each variety was planted. Special rootstocks are not commonly used on Native American varieties such as Concord, Catawba, or Niagara. They are generally used on the more sensitive vinifera varieties and to some extent on French hybrid plantings. Of New York's 31,401 total acres, 77 percent were own-rooted vines while 17 percent of the plantings were reported as unknown rootstock. The major rootstock reported was Couderc 3309 with 4 percent of all grape acres grown on it. Oppenheim S04 accounted for 2 percent of the grape rootstocks.

LEADING GRAPE COUNTIES

County	Total Acres		
	1985	1990	1996
Chautauqua	17,444	16,476	15,500
Yates	7,844	5,577	5,748
Erie	2,032	1,881	2,002
Steuben	1,970	2,205	1,884
Suffolk	935	1,095	1,557
Niagara	1,733	1,173	1,040
Schuyler	2,112	1,253	984
Seneca	1,209	899	866
Ontario	1,052	713	605
Cattaraugus	510	607	343

LEADING GRAPE COUNTIES - 1996



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Number of farms, acres, and production, by county, 1990 and 1996

County	1990			1996		
	Farms	Acres	Production	Farms	Acres	Production
	<u>Number</u>	<u>Number</u>	<u>Tons</u>	<u>Number</u>	<u>Number</u>	<u>Tons</u>
<u>CHAUTAUQUA-ERIE REGION</u>	623	18,964	83,781	554	17,845	116,614
Cattaraugus	17	607	3,183	12	343	2,224
Chautauqua	563	16,476	73,331	498	15,500	102,772
Erie	43	1,881	7,267	44	2,002	11,618
<u>NIAGARA COUNTY</u>	65	1,173	4,689	68	1,040	5,083
<u>FINGER LAKES REGION</u>	313	10,647	49,109	258	10,087	60,265
Ontario	44	713	3,583	32	605	2,816
Schuyler	34	1,253	5,314	34	984	4,254
Seneca	20	899	4,032	18	866	4,916
Stueben	47	2,205	9,761	45	1,884	12,089
Yates	168	5,577	26,419	129	5,748	36,190
<u>OTHER WESTERN COUNTIES</u>	19	329	1,168	19	327	1,183
Monroe	4	35	74	3	46	181
Wayne	7	248	950	5	220	775
Chemung, Livingston, Tompkins, Wyoming, Cayuga, Orleans	8	46	144	11	61	227
<u>EASTERN COUNTIES</u>	75	1,733	4,324	91	2,102	6,114
Columbia	19	226	803	16	153	256
Dutchess	7	101	228	8	135	488
Suffolk	26	1,095	2,818	36	1,557	4,789
Ulster	11	99	106	21	149	511
Albany, Orange, Saratoga, Westchester, Nassau and Fulton	12	212	369	10	108	70
TOTAL NEW YORK	1,095	32,846	143,071	990	31,401	189,259

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Number of farms and acres, by size, 1990 and 1996

Area and Size Group	1990				1996			
	Farms		Acres		Farms		Acres	
<i>(Acres per farm)</i>	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<u>CHAUTAUQUA-ERIE REGION</u>	623	100	18,964	100	554	100	17,845	100
Under 5	96	15	250	1	76	14	204	1
5 - 9.9	131	21	874	5	112	20	724	4
10 - 19.9	138	22	1,833	10	121	22	1,509	9
20 - 49.9	150	24	4,708	25	130	23	3,903	22
50 - 99.9	68	11	4,526	24	68	12	4,270	24
100 - 199.9	28	5	3,462	18	37	7	4,532	25
200+	12	2	3,311	17	10	2	2,703	15
<u>NIAGARA COUNTY</u>	65	100	1,173	100	68	100	1,040	100
Under 5	11	17	31	3	9	13	23	2
5 - 9.9	16	24	106	9	19	28	107	10
10 - 19.9	22	34	318	27	22	33	277	27
20 - 49.9	9	14	251	21	15	22	368	36
50+	7	11	467	40	3	4	265	25
<u>FINGER LAKES AREA REGION</u>	313	100	10,647	100	258	100	10,087	100
Under 5	49	16	113	1	27	11	78	1
5 - 9.9	50	16	342	3	38	15	260	3
10 - 19.9	85	27	1,196	11	60	23	772	8
20 - 49.9	76	24	2,366	22	70	27	2,147	21
50 - 99.9	30	10	2,054	20	37	14	2,337	23
100 - 199.9	19	6	2,435	23	18	7	2,047	20
200+	4	1	2,141	20	8	3	2,446	24
<u>OTHER WESTERN COUNTIES</u>	19	100	329	100	19	100	327	100
Under 10	11	57	52	15	12	63	56	17
10 - 19.9	3	16	45	14	3	16	55	17
20+	5	27	232	71	4	21	216	66
<u>EASTERN COUNTIES</u>	75	100	1,733	100	91	100	2,102	100
Under 5	17	23	40	2	20	22	36	1
5 - 9.9	15	20	93	5	17	19	93	4
10 - 19.9	12	16	164	10	24	26	249	12
20 - 49.9	23	30	753	44	17	19	472	23
50+	8	11	683	39	13	14	1,252	60
<u>TOTAL NEW YORK</u>	1,095	100	32,846	100	990	100	31,401	100
Under 2	50	4	47	-	24	2	23	-
2 - 4.9	127	12	395	1	113	12	325	1
5 - 9.9	219	20	1,459	4	193	19	1,233	4
10 - 19.9	260	24	3,556	11	230	23	2,862	9
20 - 49.9	262	24	8,157	25	235	24	6,957	22
50 - 99.9	110	10	7,420	23	118	12	7,296	23
100 - 199.9	50	5	6,360	19	58	6	6,987	23
200+	17	1	5,452	17	19	2	5,718	18

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Acres, production, and intentions, by variety, 1996

Variety	Acres of all ages	Production	Removal prior to 1997 harvest	Intentions to plant in 1997
	<u>Acres</u>	<u>Tons</u>	<u>Acres</u>	<u>Acres</u>
Aurora	1,031	5,825	130	-
Baco Noir	375	2,163	36	-
Cabernet Franc	130	322	-	2
Cabernet Sauvignon	231	718	-	3
Catawba	2,019	11,320	94	7
Cayuga	233	1,165	3	10
Chancellor	69	195	-	-
Chardonnay	914	3,080	11	30
Colobel	68	438	-	-
Concord	19,948	132,876	127	52
DeChaunac	285	1,713	39	-
Delaware	568	2,813	139	-
Dutchess	27	163	12	-
Elvira	581	4,569	4	15
Fredonia	37	64	-	1
Gerwurtztraminer	97	306	-	3
Isabella	27	151	-	-
Ives	79	412	8	1
Marechal Foch	88	253	-	13
Merlot	260	769	-	26
Moore's Diamond	29	150	-	-
Niagara	2,375	11,913	4	169
Pinot Gris	29	62	-	-
Pinot Noir	139	387	-	7
Ravat 51	48	178	3	-
Rosette	35	179	-	-
Rougeon	100	573	-	-
Seyval Blanc	315	1,547	2	-
Suffolk Red	32	61	-	2
Ventura	111	873	-	-
Vidal Blanc	105	490	-	-
White Riesling	385	1,406	1	13
Other	631	2,125	11	12
TOTAL NEW YORK	31,401	189,259	624	366

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Acres, production, and intentions, by area, 1996

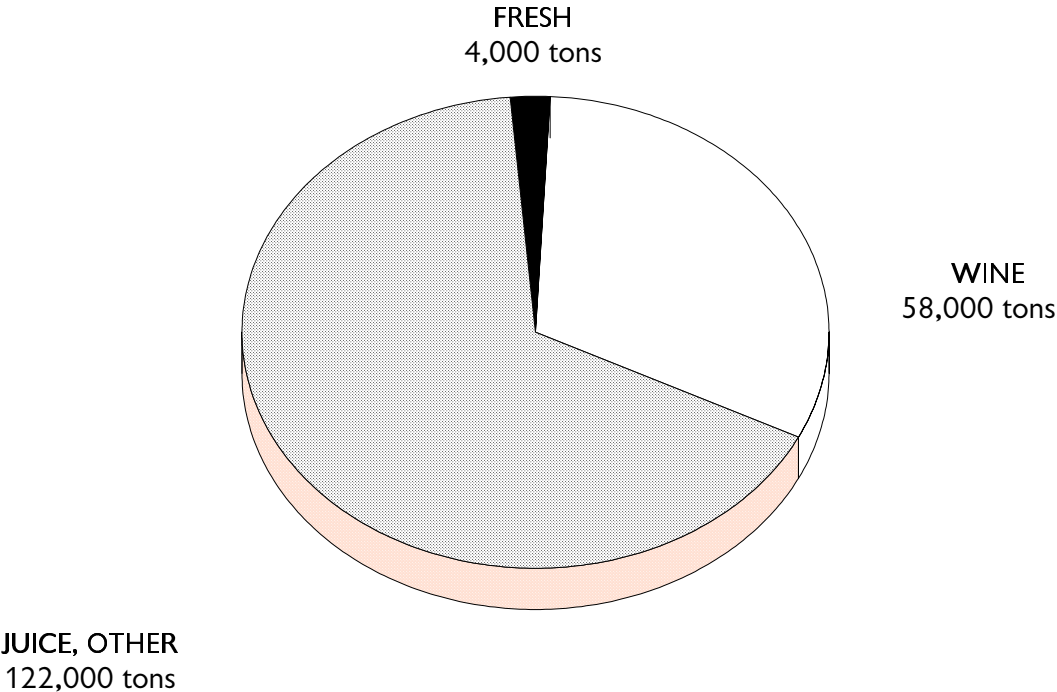
Variety	Acres of all ages	Production	Removal prior to 1997 harvest	Intentions to plant in 1997
	<u>Acres</u>	<u>Tons</u>	<u>Acres</u>	<u>Acres</u>
<u>CHAUTAUQUA-ERIE REGION</u>				
Catawba	463	2,556	1	-
Chancellor	44	110	-	-
Chardonnay	31	89	-	-
Concord	15,793	106,850	60	51
Delaware	110	510	20	-
Elvira	115	949	-	2
Fredonia	25	34	-	-
Marechal Foch	34	72	-	6
Niagara	1,052	4,869	3	127
Seyval Blanc	37	104	-	-
Other	141	471	-	3
All	17,845	116,614	84	189
<u>FINGER LAKES REGION</u>				
Aurora	1,010	5,756	130	-
Baco Noir	357	2,132	36	-
Cabernet Franc	42	109	-	2
Cabernet Sauvignon	46	199	-	1
Catawba	1,381	7,961	92	-
Cayuga	189	1,075	2	9
Chardonnay	314	1,459	11	2
Colobel	68	438	-	-
Concord	3,269	22,043	44	-
DeChaunac	258	1,586	39	-
Delaware	454	2,292	119	-
Elvira	466	3,620	4	13
Gerwurtztraminer	26	68	-	3
Ives	71	398	8	-
Marechal Foch	36	136	-	7
Moore's Diamond	26	132	-	-
Niagara	763	4,432	-	27
Pinot Noir	86	291	-	7
Ravat 51	43	163	3	-
Rosette	35	179	-	-
Rougeon	100	573	-	-
Seyval Blanc	212	1,288	2	-
Ventura	99	846	-	-
Vidal Blanc	80	390	-	-
White Riesling	231	925	1	11
Other	425	1,774	20	8
All	10,087	60,265	511	90

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Acres, production, and intentions, by area, 1996 *(Continued)*

Variety	Acres of all ages	Production	Removal prior to 1997 harvest	Intentions to plant in 1997
	<u>Acres</u>	<u>Tons</u>	<u>Acres</u>	<u>Acres</u>
<u>NIAGARA COUNTY</u>				
Catawba	137	746	1	7
Concord	565	2,690	23	-
Niagara	322	1,565	1	14
Other	16	82	-	-
All	1,040	5,083	25	21
<u>OTHER WESTERN COUNTIES</u>				
Catawba	38	57	-	-
Chardonnay	26	86	-	-
Niagara	175	711	-	1
Other	88	329	3	5
All	327	1,183	3	6
<u>EASTERN COUNTIES</u>				
Cabernet Franc	84	213	-	-
Cabernet Sauvignon	182	508	-	-
Cayuga	38	67	1	1
Chardonnay	543	1,446	-	28
Concord	309	1,234	-	1
Gerwurtztraminer	68	230	-	-
Merlot	239	726	-	24
Niagara	63	336	-	-
Pinot Gris	26	58	-	-
Pinot Noir	48	83	-	-
Seyval Blanc	65	152	-	-
Suffolk Red	32	61	-	2
White Riesling	121	390	-	-
Other	284	610	-	4
All	2,102	6,114	1	60

**UTILIZATION OF 1996
GRAPE PRODUCTION**



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Acres by variety and intentions, by principal counties, 1996

Variety	Acres of all ages	Production	Removal prior to 1997 harvest	Intentions to plant in 1997
	<u>Acres</u>	<u>Tons</u>	<u>Acres</u>	<u>Acres</u>
<u>Cattaraugus</u>				
Concord	329	2,187	4	-
Other	13	37	-	-
All	343	2,224	4	-
<u>Chautauqua</u>				
Catawba	433	2,493	1	-
Chancellor	44	109	-	-
Chardonnay	31	89	-	-
Concord	13,569	93,624	56	51
Delaware	89	369	10	-
Elvira	115	949	-	2
Marechal Foch	34	72	-	6
Niagara	989	4,463	3	127
Seyval Blanc	37	104	-	-
Other	159	500	-	3
All	15,500	102,772	70	189
<u>Columbia</u>				
Concord	140	255	-	-
Other	13	1	-	-
All	153	256	-	-
<u>Dutchess</u>				
Chardonnay	32	80	-	-
Concord	32	198	-	-
Other	71	210	-	-
All	135	488	-	-
<u>Erie</u>				
Catawba	27	43	-	-
Concord	1,895	11,039	-	-
Niagara	55	391	-	-
Other	25	145	10	-
All	2,002	11,618	10	-

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Acres by variety and intentions, by principal counties, 1996 *(Continued)*

Variety	Acres of all ages	Production	Removal prior to 1997 harvest	Intentions to plant in 1997
	<u>Acres</u>	<u>Tons</u>	<u>Acres</u>	<u>Acres</u>
<u>Niagara</u>				
Catawba	137	746	1	7
Concord	565	2,690	23	-
Niagara	322	1,565	1	14
Other	16	82	-	-
All	1,040	5,083	25	21
<u>Ontario</u>				
Aurora	27	130	4	-
Catawba	68	343	20	-
Concord	104	553	4	-
Delaware	53	239	31	-
Elvira	26	204	-	2
Niagara	154	722	-	8
Other	173	625	13	2
All	605	2,816	72	12
<u>Schuyler</u>				
Aurora	43	184	15	-
Baco Noir	42	159	-	-
Catawba	151	410	2	-
Cayuga	30	179	1	2
Chardonnay	38	177	-	-
Concord	362	1,938	19	-
Delaware	36	104	3	-
Niagara	76	291	-	2
White Riesling	35	151	-	1
Other	171	661	-	8
All	984	4,254	40	13
<u>Seneca</u>				
Aurora	54	308	-	-
Cabernet Franc	25	93	-	2
Catawba	45	229	-	-
Cayuga	40	192	-	-
Chardonnay	104	624	4	2
Concord	164	1,228	-	-
DeChaunac	36	200	-	-
Pinot Noir	30	129	-	5
Seyval Blanc	34	191	-	-
White Riesling	93	550	-	5
Other	241	1,172	14	12
All	866	4,916	18	26

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Acres by variety and intentions, by principal counties, 1996 *(Continued)*

Variety	Acres of all ages	Production	Removal prior to 1997 harvest	Intentions to plant in 1997
	<u>Acres</u>	<u>Tons</u>	<u>Acres</u>	<u>Acres</u>
<u>Steuben</u>				
Aurora	286	1,812	36	-
Baco Noir	144	1,021	18	-
Catawba	356	2,433	31	-
Chardonnay	38	116	-	-
Concord	505	3,482	-	-
DeChaunac	38	300	16	-
Delaware	73	484	19	-
Elvira	108	792	2	-
Ives	33	154	3	-
Niagara	51	330	-	-
Seyval Blanc	65	418	-	-
White Riesling	29	75	1	-
Other	158	672	8	-
All	1,884	12,089	134	-
<u>Suffolk</u>				
Cabernet Franc	77	194	-	-
Cabernet Sauvignon	180	502	-	-
Cayuga	32	61	-	-
Chardonnay	442	1,305	-	26
Concord	61	484	-	-
Gerwurtztraminer	68	230	-	-
Merlot	237	720	-	24
Niagara	32	247	-	-
Pinot Gris	26	58	-	-
Pinot Noir	41	76	-	-
Suffolk Red	32	61	-	2
White Riesling	119	390	-	-
Other	210	461	-	2
All	1,557	4,789	-	54
<u>Ulster</u>				
Concord	63	281	-	1
Other	86	230	-	3
All	149	511	-	4

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Acres by variety and intentions, by principal counties, 1996 *(Continued)*

Variety	Acres of all ages	Production	Removal prior to 1997 harvest	Intentions to plant in 1997
	<u>Acres</u>	<u>Tons</u>	<u>Acres</u>	<u>Acres</u>
<u>Wayne</u>				
Catawba	38	57	-	-
Niagara	158	619	-	1
Other	24	99	3	1
All	220	775	3	2
<u>Yates</u>				
Aurora	601	3,322	75	-
Baco Noir	149	851	18	-
Catawba	761	4,547	39	-
Cayuga	98	618	1	7
Chardonnay	125	529	7	-
Colobel	54	387	-	-
Concord	2,134	14,841	21	-
DeChaunac	162	1,008	24	-
Delaware	268	1,396	52	-
Elvira	311	2,408	2	-
Niagara	461	2,984	-	17
Rougeon	69	410	-	-
Seyval Blanc	91	571	2	-
Ventura	52	463	-	-
Vidal Blanc	38	163	-	-
White Riesling	70	140	-	4
Other	304	1,552	6	12
All	5,748	36,190	247	40

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Production by variety and area, 1990

Variety	Chautauqua Erie	Niagara	Finger Lakes	Other Western	Eastern	Total New York
<u>Tons</u>						
Aurora	749	-	5,366	-	3	6,118
Baco Noir	120	-	1,389	-	9	1,518
Catawba	1,766	603	7,455	148	-	9,972
Cayuga	-	-	989	4	48	1,041
Chardonnay	151	-	1,094	43	1,201	2,489
Concord	75,677	2,243	15,555	91	776	94,342
De Chaunac	85	-	1,669	6	20	1,780
Delaware	996	-	2,032	2	3	3,033
Elvira	252	-	2,484	-	-	2,736
Niagara	2,756	1,422	3,951	746	39	8,914
Seyval Blanc	245	-	1,294	9	326	1,874
White Riesling	106	6	612	24	282	1,030
Other	878	415	5,219	95	1,617	8,224
All Varieties	83,781	4,689	49,109	1,168	4,324	143,071

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Production by variety and area, 1996

Variety	Chautauqua Erie	Niagara	Finger Lakes	Other Western	Eastern	Total New York
<u>Tons</u>						
Aurora	58	-	5,756	-	11	5,825
Baco Noir	9	-	2,132	6	16	2,163
Catawba	2,556	746	7,961	57	-	11,320
Cayuga	13	-	1,075	10	67	1,165
Chardonnay	89	-	1,459	86	1,446	3,080
Concord	106,850	2,690	22,043	59	1,234	132,876
De Chaunac	52	-	1,586	33	43	1,714
Delaware	510	-	2,292	-	11	2,813
Elvira	949	-	3,620	-	-	4,569
Niagara	4,869	1,565	4,432	711	336	11,913
Seyval Blanc	104	-	1,288	3	152	1,547
White Riesling	34	-	925	57	390	1,406
Other	521	82	5,696	161	2,408	8,868
All Varieties	116,614	5,083	60,265	1,183	6,114	189,259

GRAPE ROOTSTOCKS

Acres by variety, type of rootstock and intentions, 1996

Variety and Rootstock	Acres of all ages	Removal prior to 1997 harvest	Intentions to plant in 1997
<u>Cabernet Franc</u>			
Couderc 3309	77	-	2
Other	18	-	-
Unknown	35	-	-
All	130	-	2
<u>Cabernet Sauvignon</u>			
Oppenheim S04	35	-	1
Couderc 3309	154	-	2
Other	15	-	-
Unknown	27	-	-
All	231	-	3
<u>Cayuga</u>			
Own-Rooted	147	2	5
Couderc 3309	29	1	4
Other	4	-	1
Unknown	53	-	-
All	233	3	10
<u>Chardonnay</u>			
Own-Rooted	54	-	-
Oppenheim S04	206	-	2
Couderc 3309	381	11	5
Kober 5BB	23	-	-
Other	12	-	-
Unknown	238	-	23
All	914	11	30
<u>DeChaunac</u>			
Own-Rooted	203	39	-
Couderc 3309	14	-	-
Other	7	-	-
Unknown	61	-	-
All	285	39	-

GRAPE ROOTSTOCKS

Acres by variety, type of rootstock and intentions, 1996 *(Continued)*

Variety and Rootstock	Acres of all ages	Removal prior to 1997 harvest	Intentions to plant in 1997
<u>Gerwurtztraminer</u>			
Couderc 3309	31	-	3
Other	10	-	-
Unknown	56	-	-
All	97	-	3
<u>Marechal Foch</u>			
Own-Rooted	60	-	8
Couderc 3309	10	-	-
Other	7	-	-
Unknown	11	-	5
All	88	-	13
<u>Merlot</u>			
Oppenheim S04	15	-	1
Couderc 3309	135	-	1
Kober 5BB	11	-	-
Other	5	-	-
Unknown	94	-	24
All	260	-	26
<u>Pinot Noir</u>			
Oppenheim S04	18	-	-
Couderc 3309	65	-	7
Other	13	-	-
Unknown	43	-	-
All	139	-	7
<u>Seyval Blanc</u>			
Own-Rooted	243	2	-
Couderc 3309	16	-	-
Other	8	-	-
Unknown	48	-	-
All	315	2	-

GRAPE ROOTSTOCKS

Acres by variety, type of rootstock and intentions, 1996 *(Continued)*

Variety and Rootstock	Acres of all ages	Removal prior to 1997 harvest	Intentions to plant in 1997
<u>White Riesling</u>			
Own-Rooted	31	1	-
Oppenheim S04	65	-	-
Couderc 3309	174	-	12
Other	11	-	1
Unknown	104	-	-
All	385	1	13
<u>All Varieties</u>			
Own-Rooted	24,189	549	242
Oppenheim S04	496	-	5
Couderc 3309	1,231	12	39
Kober 5BB	59	-	1
Teleki 5-C	30	-	-
MGT 101-14	13	-	-
Other	137	-	-
Unknown	5,246	63	79
All	31,401	624	366