

North Carolina
FRUIT TREE AND GRAPEVINE SURVEY
1969



North Carolina Department of Agriculture

NORTH CAROLINA CROP REPORTING SERVICE

Halifax and Edenton Street

Raleigh, North Carolina

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NORTH CAROLINA AGRICULTURAL STATISTICS

FEDERAL-STATE CROP REPORTING SERVICE - RALEIGH

UNITED STATES DEPARTMENT OF AGRICULTURE

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1969

NORTH CAROLINA APPLE, PEACH AND GRAPE SURVEY

NUMBER 120

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FOREWORD

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The 1968 commercial apple, peach and grape surveys were designed to provide a new bench mark for appraising the present and projecting future trends in fruit production in North Carolina. These surveys were also designed to fill the needs of marketing specialists and handlers of fruits for planning current and future operations. Similar surveys were conducted in the State for apples and peaches in 1954 and 1964. All commercial orchards and vineyards were contacted after harvest of the 1968 crop had been completed.

Inquiries were mailed to all known commercial producers of apples, peaches and grapes. Those growers who did not respond to the first, second or third request by mail were contacted by telephone or personal interview. Approximately one-third of all reports received were returned by mail. The survey disclosed a total of 794 commercial apple orchards, 200 commercial peach orchards and 115 commercial vineyards.

For the purpose of these surveys, a commercial orchard is defined as an orchard with 100 or more apple or peach trees maintained for production of fruit. Lists of commercial growers were compiled through records already available in the Statistics Division and from additional names supplied by the County Extension Chairman in each county of the State. Interviews of non-respondents to the

mailed inquiry were made: (1) by statisticians of the Statistics Division, (2) by special enumerators employed on a part-time basis, and (3) by personnel in the offices of the County Extension Chairman.

Owners of orchards and vineyards were asked to provide detailed information about the number of trees or vines by varieties and by ages. Because of the recent interest in the planting of dwarf and semi-dwarf apple trees, separate information was collected on these trees. Although production of apples from dwarfing varieties had not reached appreciable proportions at the time of the 1964 survey, size controlled trees are becoming increasingly popular with growers and comprise a larger proportion of the apple tree population in the State each year.

This survey was made possible by State money matched with Federal funds under the provisions of the Agricultural Marketing Act of 1946.

Particular appreciation is expressed to the 1,109 commercial apple, peach and grape growers for their cooperation in furnishing information about their orchards and vineyards. Special acknowledgement is due also the Extension Horticulturists at North Carolina State University for their assistance in designing the questionnaire forms and in the selection of varieties to be included on the questionnaires.

ACKNOWLEDGEMENT

Special acknowledgement is extended to Mr. M. H. Kolbe, Professor of Horticulture; Mr. Joe F. Brooks, Assistant Professor of Horticulture; Mr. Franklin E. Correll, Associate Professor of Horticulture at North Carolina State University and County Extension Chairmen and Agents in commercial apple,

peach and grape producing counties.

The clerical work for this publication was supervised by Martha Early and the data were assembled by Mary Matthews. Vari-typing was done by Evelyn Finch and Minnie Langley; duplicating by Raymond Alford, Charles Cross and Kay Matthews.

NUMBER OF ORCHARDS AND ACRES

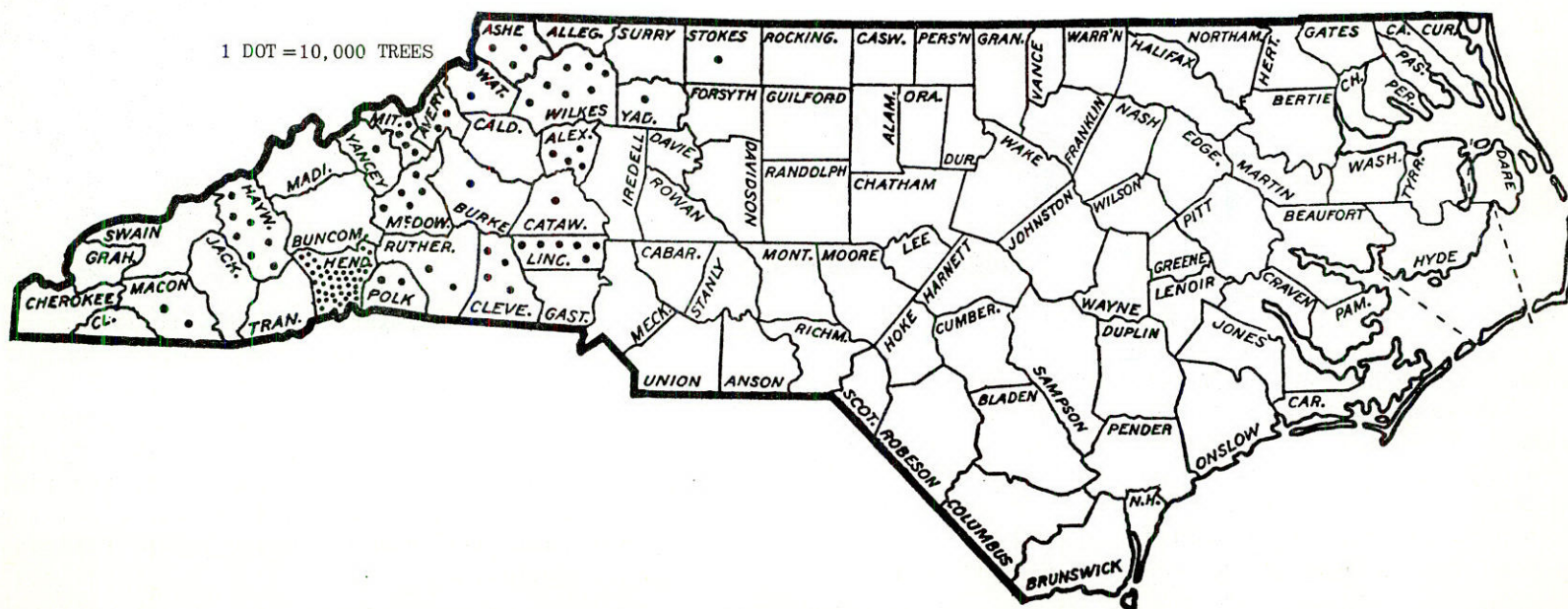
A total of 17,009 acres of land was used for commercial apple orchards in North Carolina. Of this, 14,729 acres were in Mountain counties, 2,166 in Piedmont counties, and 114 in Coastal Plains counties. Henderson County had the largest acreage reported in commercial orchards with 8,812 acres, Wilkes County was second with 1,346 acres and Haywood County was third with 847 acres. Acreage in other important counties listed in the tables ranged from 135 to 718. The acreage reported in commercial orchards from the 1964 survey of commercial apple orchards was 15,806 acres. The 17,009 acres reported on the current survey is up eight percent from that reported in 1964.

There were 957,430 apple trees of all ages reported in the survey of commercial apple orchards and 566,689 trees, or 59 percent were trees of bearing age. Bearing trees were defined as all trees on standard rootstocks ten years old and over and size controlled trees (dwarfing rootstock and/or spur types) five years old and over. Non-bearing trees one year old totaled 73,944 or about eight percent of the total; trees two years old totaled 62,520 or nearly seven percent of the total; and trees three to four years old numbered 153,056 or 16 percent of the

Henderson County with 388,776 apple trees of all ages, led all counties in number of trees and accounted for 41 percent of the total trees in commercial apple orchards in the State. Other principal counties in order of importance by number of trees were: Wilkes with 71,522; Haywood with 66,706; Lincoln with 58,208; and McDowell with 49,165. A large portion of the trees under five years was Red and Yellow Delicious size controlled trees. Size controlled trees in these two varieties accounted for 49 percent of the total number of apple trees of non-bearing age in the State.

The strains of Red Delicious are by far the most popular of all the varieties grown in North Carolina. Red Delicious strains accounted for 484,859 trees or 51 percent of all trees. Yellow Delicious was second with 203,732 trees or 21 percent. Rome Beauty was third with 131,353 trees or 14 percent, and fourth was Stayman with 77,860 trees or 8 percent of the total. The variety table includes seven of the most popular varieties grown in North Carolina with a breakdown of standard and size controlled trees for each of the seven varieties.

Commercial production of apples in North Carolina is expected to continue on an upward trend. Growers are replacing old and unprofitable varieties with size controlled trees which come into production after four or five growing seasons. A large percentage of the trees now being set out are size controlled Red and Yellow Delicious, and plantings of these varieties are expected to continue on an upward trend.



COMMERCIAL APPLE ORCHARDS: ACRES, NUMBER OF TREES OF ALL AGES BY COUNTIES, 1968, NORTH CAROLINA

COUNTIES AND AREAS	Number Of Commercial Orchards <i>1/</i>	Acres In Commercial Orchards	Total Number Of Trees Of All Ages	Number Of Trees Of Non-Bearing Age <i>2/</i>	Number Of Trees Of Bearing Age <i>3/</i>	Average Number Of Trees Per Orchard
MOUNTAIN COUNTIES						
Ashe.....	11	150	26,404	11,809	14,595	2,400
Avery.....	17	455	24,299	8,557	15,742	1,429
Buncombe.....	11	135	11,194	5,327	5,867	1,018
Burke.....	12	139	13,871	2,525	11,346	1,156
Haywood.....	38	847	66,706	13,213	53,493	1,755
Henderson.....	355	8,812	388,776	131,661	257,115	1,095
Macon.....	15	286	22,770	11,037	11,733	1,518
McDowell.....	21	718	49,165	23,112	26,053	2,341
Mitchell.....	40	663	42,792	18,381	24,411	1,070
Polk.....	29	384	18,787	7,527	11,260	648
Rutherford.....	15	240	19,538	16,123	3,415	1,303
Wilkes.....	40	1,346	71,522	26,820	44,702	1,788
Other Mountain Counties....	28	554	28,498	9,239	19,259	1,018
TOTAL MOUNTAIN COUNTIES....	632	14,729	784,322	285,331	498,991	1,241
PIEDMONT COUNTIES						
Alexander.....	34	679	38,096	17,740	20,356	1,120
Cleveland.....	26	436	38,527	27,016	11,511	1,482
Lincoln.....	47	694	58,208	41,008	17,200	1,238
Stokes.....	9	141	11,508	6,755	4,753	1,279
Other Piedmont Counties....	27	216	18,187	11,035	7,152	674
TOTAL PIEDMONT COUNTIES....	143	2,166	164,526	103,554	60,972	1,151
ALL COASTAL PLAINS COUNTIES	19	114	8,582	1,856	6,726	452
STATE TOTAL.....	794	17,009	957,430	390,741	566,689	1,206

1/ Orchards with 100 or more trees of all ages maintained for production.

2/ Standard trees less than 10 years of age; size controlled trees (dwarfing rootstock and/or spur types) less than 5 years of age.

3/ Standard trees 10 years old and over; size controlled trees (dwarfing rootstock and/or spur types) 5 years old and over.

NUMBER OF COMMERCIAL ORCHARDS

For use in this survey a commercial orchard was defined as any orchard with one hundred or more trees maintained for production. A total of 794 commercial orchards was reported for the State. There were 632 orchards located in the Mountain counties, 143 in the Piedmont counties, and 19 in the Coastal counties. Henderson County had the largest number of orchards with a total of 355, Lincoln was second with 47. Mitchell and Wilkes third with 40 each, Haywood

fourth with 38 and Alexander fifth with 34. These six counties had a total of 554 orchards or 70 per cent of the State total.

North Carolina had a total of 17,009 acres in commercial apple orchards in 1968 and this is 1,203 acres above the 15,806 acres reported in the 1964 survey. Since the 1964 survey, increases of 599 and 592 acres were reported for Mountain and Piedmont counties respectively.

COMMERCIAL APPLE ORCHARDS: NUMBER OF TREES OF BEARING AND NON-BEARING AGE BY VARIETIES, 1968, NORTH CAROLINA

VARIETIES	Number Of Trees Of All Ages	Number Of Trees Of Non-Bearing Age 1/	Number Of Trees Of Bearing Age 2/	Variety % Of Trees Of Bearing Age	Variety % Of State Total Trees Of All Ages
Red Delicious, Standard.....	214,648	75,210	139,438	65.0	22.4
Red Delicious, Size Controlled...	270,211	126,456	143,755	53.2	28.2
Total Red Delicious.....	484,859	201,666	283,193	58.4	50.6
Golden Delicious, Standard.....	103,645	55,810	47,835	46.2	10.8
Golden Delicious, Size Controlled	100,087	64,884	35,203	35.2	10.5
Total Golden Delicious.....	203,732	120,694	83,038	40.8	21.3
Jonathan, Standard.....	8,391	3,638	4,753	56.6	.9
Jonathan, Size Controlled.....	2,063	1,143	920	44.6	.2
Total Jonathan.....	10,454	4,781	5,673	54.3	1.1
Rome Beauty, Standard.....	123,289	32,210	91,079	73.9	12.9
Rome Beauty, Size Controlled.....	8,064	1,613	6,451	80.0	.8
Total Rome Beauty.....	131,353	33,823	97,530	74.3	13.7
Stayman, Standard.....	71,577	13,375	58,202	81.3	7.5
Stayman, Size Controlled.....	6,283	4,579	1,704	27.1	.7
Total Stayman.....	77,860	17,954	59,906	76.9	8.2
Winesap, Standard.....	7,296	829	6,467	88.6	.8
Winesap, Size Controlled.....	301	176	125	41.5	-
Total Winesap.....	7,597	1,005	6,592	86.8	.8
York, Standard.....	3,031	998	2,033	67.1	.3
York, Size Controlled.....	2,002	2	2,000	99.9	.2
Total York.....	5,033	1,000	4,033	80.1	.5
TOTAL OTHER VARIETIES.....	36,542	9,818	26,724	73.1	3.8
TOTAL ALL.....	957,430	390,741	566,689	59.2	100.0

1/ Standard trees less than 10 years of age; size controlled trees (dwarfing rootstock and/or spur types) less than 5 years of age. 2/ Standard trees 10 years old and over; size controlled trees (dwarfing rootstock and/or spur types) 5 years old and over.

APPLE VARIETIES

The number of varieties of apples grown for commercial market in North Carolina continues to decline. Four varieties now account for 94 percent of the trees in commercial orchards. These four are Red Delicious, 51 percent of all trees; Yellow Delicious, 21 percent; Rome Beauty, 14 percent and Stayman, 8 percent. The names of seven of the leading varieties in the

State are listed in the table above. Each variety listed is broken down into standard rootstock and size controlled trees for number of trees of bearing and non-bearing age. These seven varieties account for 96 percent of the total number of trees of all ages in North Carolina.

COMMERCIAL APPLE ORCHARDS: SIZE GROUPS, BY COUNTIES, 1968, NORTH CAROLINA

COUNTIES AND AREAS	NUMBER OF ORCHARDS BY SIZE GROUPS							
	Total Number Orchards	Less Than 200 Trees	200-499 Trees	500-999 Trees	1000-2499 Trees	2500-4999 Trees	5000-9999 Trees	10,000 Trees and Over
<u>MOUNTAIN COUNTIES</u>								
Ashe.....	11	-	1	1	4	4	1	-
Avery.....	17	1	5	2	6	2	1	-
Buncombe.....	11	1	5	2	2	1	-	-
Burke.....	12	3	4	4	-	-	1	-
Haywood.....	38	12	8	7	8	2	1	-
Henderson.....	355	35	92	101	95	27	4	1
Macon.....	15	-	3	5	3	4	-	-
McDowell.....	21	4	5	2	5	2	2	1
Mitchell.....	40	1	11	14	11	2	1	-
Polk.....	29	5	10	9	4	1	-	-
Rutherford.....	15	5	2	3	2	2	1	-
Wilkes.....	40	3	6	12	14	3	2	-
Other Mountain Counties....	28	4	10	6	6	1	1	-
TOTAL MOUNTAIN COUNTIES....	632	74	162	168	160	51	15	2
<u>PIEDMONT COUNTIES</u>								
Alexander.....	34	6	9	11	5	1	1	1
Cleveland.....	26	4	3	7	9	1	2	-
Lincoln.....	47	12	9	10	9	3	4	-
Stokes.....	9	-	1	2	5	1	-	-
Other Piedmont Counties....	27	12	4	6	3	2	-	-
TOTAL PIEDMONT COUNTIES....	143	34	26	36	31	8	7	1
ALL COASTAL PLAINS COUNTIES	19	7	6	4	1	1	-	-
STATE TOTAL.....	794	115	194	208	192	60	22	3

BEARING AND NON-BEARING TREES

Non-bearing trees for this survey included all standard rootstock trees less than ten years of age and size controlled trees (dwarfing rootstock and/or spur types) less than five years of age. On this basis there was a total of 390,741 trees classified as non-bearing or 41 percent of the total, and 566,689 or 59 percent as bearing age trees. In the non-bearing age

group 374,137 trees or 96 percent of the total were trees of the four leading varieties, Red Delicious, Yellow Delicious, Rome Beauty and Stayman. A further analysis shows that 82 percent of these were planted to Red and Yellow Delicious. In the one year old trees 89 percent of the total was either Red or Yellow Delicious.

COMMERCIAL APPLE ORCHARDS: NUMBER OF TREES BY AGE AND COUNTIES, 1968, NORTH CAROLINA

COUNTIES AND AREAS	1 Year Old	2 Years old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old & Over	Total All Ages	INTEN- TIONS Trees To Be Planted 1969
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
<u>MOUNTAIN COUNTIES</u>										
Ashe.....	700	1,700	9,400	14,104	-	495	5	-	26,404	-
Avery.....	306	950	3,071	6,325	6,943	1,610	600	4,494	24,299	350
Buncombe.....	312	500	3,165	3,971	470	1,792	449	535	11,194	600
Burke.....	405	177	1,657	10,340	410	469	413	-	13,871	2,688
Haywood.....	2,275	2,329	4,710	15,753	11,761	7,293	11,491	11,094	66,706	2,577
Henderson.....	13,923	17,334	55,520	78,818	63,233	44,225	82,125	33,598	388,776	16,056
Macon.....	2,067	1,661	7,004	6,187	2,087	670	2,733	361	22,770	662
McDowell.....	13,314	410	5,626	26,558	1,296	1,208	217	536	49,165	570
Mitchell.....	4,566	281	7,388	17,991	4,260	2,664	5,057	585	42,792	900
Polk.....	2,374	672	139	8,817	2,453	1,615	1,930	787	18,787	1,350
Rutherford.....	1,979	900	7,606	6,638	1,615	-	800	-	19,538	925
Wilkes.....	3,171	6,424	6,455	27,756	2,620	6,267	8,864	9,965	71,522	6,805
Other Mountain Counties....	2,958	1,308	3,907	2,414	7,633	4,661	3,718	1,899	28,498	1,320
TOTAL MOUNTAIN COUNTIES....	48,350	34,646	115,648	225,672	104,781	72,969	118,402	63,854	784,322	34,803
<u>PIEDMONT COUNTIES</u>										
Alexander.....	3,752	1,437	4,771	10,532	1,432	1,955	8,794	5,423	38,096	766
Cleveland.....	9,008	7,407	7,484	8,452	3,420	1,334	1,422	-	38,527	4,568
Lincoln.....	8,328	9,430	21,354	14,848	1,645	210	2,303	90	58,208	16,265
Stokes.....	1,370	3,500	1,600	2,035	421	1,642	940	-	11,508	4,215
Other Piedmont Counties....	2,746	5,792	1,811	1,897	1,270	3,832	449	390	18,187	5,335
TOTAL PIEDMONT COUNTIES....	25,204	27,566	37,020	37,764	8,188	8,973	13,908	5,903	164,526	31,149
ALL COASTAL PLAINS COUNTIES	390	308	388	4,723	725	1,088	360	600	8,582	-
TOTAL ALL.....	73,944	62,520	153,056	268,159	113,694	83,030	132,670	70,357	957,430	65,952

ACRES AND NUMBER OF TREES

Growers reported 17,009 acres in commercial apple orchards in 1968. Mountain counties reported 14,729 acres or about 87 percent of the total. The Piedmont area of the State had 2,166 acres in commercial apple orchards or nearly 13 percent of the total. Henderson was the leading county with 8,812 acres, followed by Wilkes with 1,346 acres.

A total of 957,430 trees of all ages was reported in the survey. The mountain counties had

784,322 trees or 82 percent of the State total. Piedmont Counties reported 164,526 trees or 17 percent, and the Coastal Counties had 8,582 or about 1 percent. Counties with the largest number of trees were as follows: Henderson, Wilkes, Haywood, Lincoln and McDowell. The percent of the total by counties was as follows: Henderson 41, Wilkes 7, Haywood 7, Lincoln 6, and McDowell 5.

**COMMERCIAL APPLE ORCHARDS: NUMBER OF TREES BY AGE,
VARIETIES AND INTENTIONS, 1968, NORTH CAROLINA**

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old & Over	Total All Ages	INTEN- TIONS Trees To Be Planted 1969
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	8,318	8,205	18,475	40,212	33,941	33,364	49,443	22,690	214,648	5,574
Red Delicious, Size Controlled...	32,559	22,876	71,021	118,495	24,188	1,072	-	-	270,211	29,686
Total Red Delicious.....	40,877	31,081	89,496	158,707	58,129	34,436	49,443	22,690	484,859	35,260
Golden Delicious, Standard.....	5,166	4,118	11,957	34,569	15,449	8,737	16,899	6,750	103,645	4,130
Golden Delicious, Size Controlled	19,603	17,936	27,345	33,871	1,164	168	-	-	100,087	17,320
Total Golden Delicious.....	24,769	22,054	39,302	68,440	16,613	8,905	16,899	6,750	203,732	21,450
Jonathan, Standard.....	275	270	808	2,285	1,746	1,228	508	1,271	8,391	40
Jonathan, Size Controlled.....	480	350	313	841	72	7	-	-	2,063	240
Total Jonathan.....	755	620	1,121	3,126	1,818	1,235	508	1,271	10,454	280
Rome Beauty, Standard.....	2,555	1,806	12,195	15,654	19,132	19,919	36,551	15,477	123,289	3,418
Rome Beauty, Size Controlled.....	415	100	1,098	6,327	48	76	-	-	8,064	497
Total Rome Beauty.....	2,970	1,906	13,293	21,981	19,180	19,995	36,551	15,477	131,353	3,915
Stayman, Standard.....	838	3,069	3,906	5,562	9,400	12,304	22,856	13,642	71,577	2,231
Stayman, Size Controlled.....	1,287	1,457	1,835	1,699	5	-	-	-	6,283	1,235
Total Stayman.....	2,125	4,526	5,741	7,261	9,405	12,304	22,856	13,642	77,860	3,466
Winesap, Standard.....	25	105	166	533	1,558	2,504	900	1,505	7,296	20
Winesap, Size Controlled.....	40	2	134	125	-	-	-	-	301	25
Total Winesap.....	65	107	300	658	1,558	2,504	900	1,505	7,597	45
York, Standard.....	-	560	250	188	60	-	167	1,806	3,031	-
York, Size Controlled.....	2	-	-	2,000	-	-	-	-	2,002	-
Total York.....	2	560	250	2,188	60	-	167	1,806	5,033	-
TOTAL OTHER VARIETIES.....	2,381	1,666	3,553	5,798	6,931	3,651	5,346	7,216	36,542	1,536
TOTAL ALL.....	73,944	62,520	153,056	268,159	113,694	83,030	132,670	70,357	957,430	65,952

COMMERCIAL APPLE ORCHARDS: NUMBERS, AGE AND PLANTING INTENTIONS OF STANDARD AND SIZE CONTROLLED TREES, 1968, NORTH CAROLINA

TREES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old & Over	Total Number Of Trees Of All Ages	Number Of Trees Of Bearing Age <u>1/</u>	Number Of Trees Of Non- Bearing Age <u>2/</u>	INTEN- TIONS Trees To Be Planted 1969
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier				
Standard.....	18,728	18,767	49,852	101,221	86,867	81,651	132,670	70,357	560,113	371,545	188,568	15,999
Size Controlled	55,216	43,753	103,204	166,938	26,827	1,379	-	-	397,317	195,144	202,173	49,953
TOTAL.....	73,944	62,520	153,056	268,159	113,694	83,030	132,670	70,357	957,430	566,689	390,741	65,952

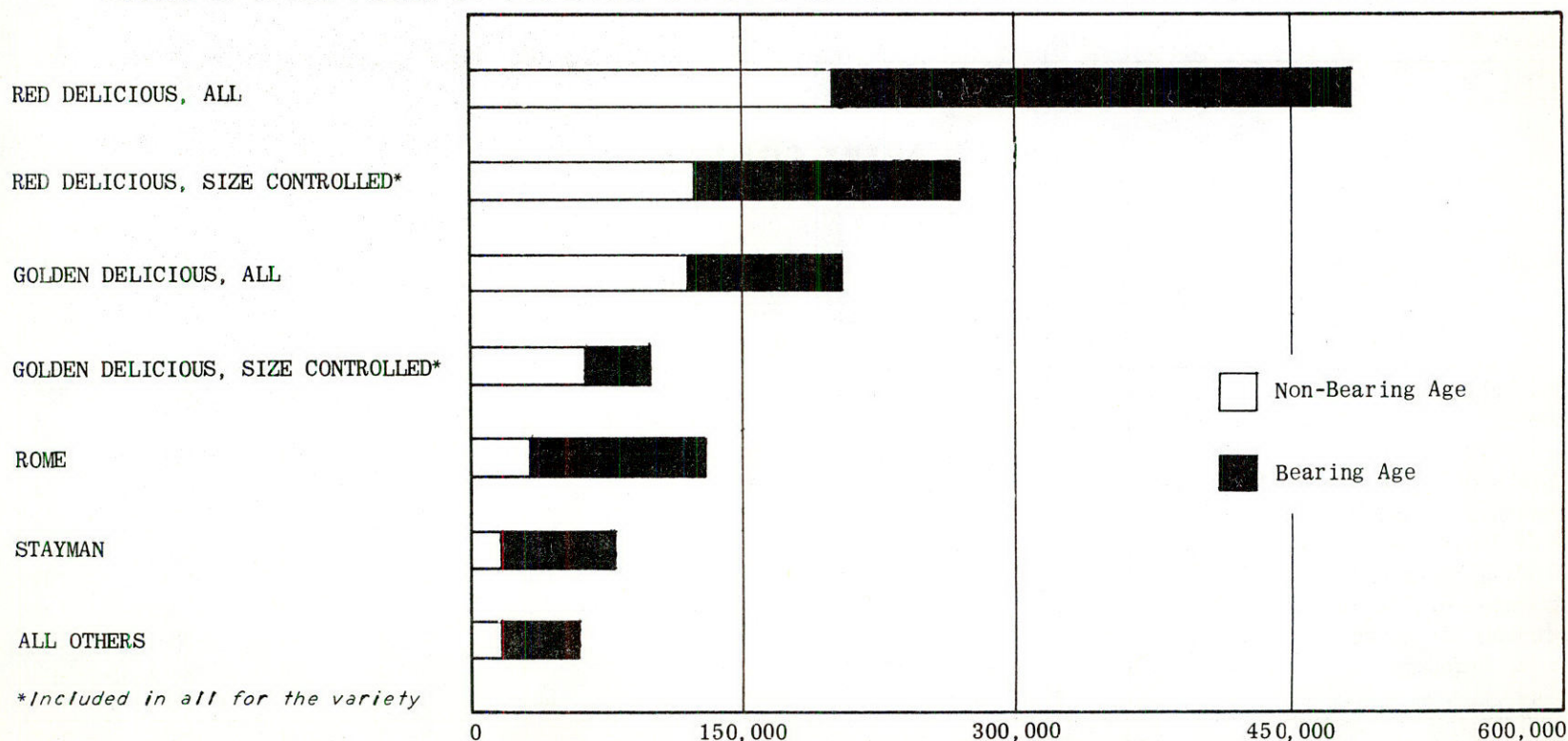
1/ Standard trees 10 years old and over; size controlled trees (dwarfing rootstock and/or spur types) 5 years old and over. 2/ Standard trees less than 10 years of age; size controlled trees (dwarfing rootstock and/or spur types) less than 5 years of age.

COMMERCIAL APPLE ORCHARDS: NUMBER OF TREES BY AGE AND SIZE OF ORCHARDS, 1968, NORTH CAROLINA

SIZE GROUPS	Number Of Orchards <u>1/</u>	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old & Over	Total All Ages
		1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier	
Less than 200..	115	827	540	1,164	2,565	1,939	1,336	3,240	2,405	14,016
200-499.....	194	4,470	2,162	5,845	9,422	11,753	9,383	12,961	8,185	64,181
500-999.....	208	7,513	5,981	21,843	33,388	19,621	20,386	24,125	15,319	148,176
1000-2499.....	192	22,896	11,264	51,614	81,023	35,973	27,835	43,943	21,450	295,998
2500-4999.....	60	23,196	18,728	45,378	41,469	27,009	16,698	18,876	11,458	202,812
5000-9999.....	22	9,305	14,600	22,150	61,450	8,960	2,680	12,720	6,679	138,544
10,000 and over	3	5,737	9,245	5,062	38,842	8,439	4,712	16,805	4,861	93,703
TOTAL ALL.....	794	73,944	62,520	153,056	268,159	113,694	83,030	132,670	70,357	957,430

1/ Orchards with 100 or more trees of all ages maintained for production.

NUMBER OF APPLE TREES. BY VARIETIES, NON-BEARING AGE AND BEARING AGE, 1968, NORTH CAROLINA



COMMERCIAL APPLE ORCHARDS: NUMBER OF TREES, BY AGE AND VARIETIES, 1968, NORTH CAROLINA

ALEXANDER COUNTY

VARIETIES	1 Year Old	2 Years Old	3 To 4 Years Old	5 To 9 Years Old	10 To 14 Years Old	15 To 19 Years Old	20 To 29 Years Old	30 Years Old And Over	Total Trees All Ages	Total Number Of Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	1,125	100	100	2,610	815	1,170	3,566	1,741	11,227	7,292
Red Delicious, Size Controlled....	600	325	2,401	2,025	100	-	-	-	5,451	2,125
Golden Delicious, Standard.....	167	110	1,035	4,635	212	90	1,700	751	8,700	2,753
Golden Delicious, Size Controlled.	1,650	90	480	715	15	-	-	-	2,950	730
Rome Beauty, Standard.....	-	-	480	400	-	-	-	75	955	75
Stayman, Standard.....	160	700	175	125	215	665	3,201	1,825	7,066	5,906
Stayman, Size Controlled.....	50	100	95	-	-	-	-	-	245	-
Winesap, Standard.....	-	-	-	-	60	-	10	160	230	230
Bonum.....	-	-	-	-	-	-	20	175	195	195
Lambertwig.....	-	-	-	-	-	-	135	453	588	588
Black Twig.....	-	-	-	-	-	-	141	85	226	226
Other.....	-	12	5	22	15	30	21	158	263	236
TOTAL ALL.....	3,752	1,437	4,771	10,532	1,432	1,955	8,794	5,423	38,096	20,356

ASHE COUNTY

VARIETIES	1 Year Old	2 Years Old	3 To 4 Years Old	5 To 9 Years Old	10 To 14 Years Old	15 To 19 Years Old	20 To 29 Years Old	30 Years Old And Over	Total Trees All Ages	Total Number Of Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	-	-	-	3	-	130	1	-	134	131
Red Delicious, Size Controlled....	300	1,000	6,600	6,817	-	-	-	-	14,717	6,817
Golden Delicious, Standard.....	-	-	-	-	-	171	-	-	171	171
Golden Delicious, Size Controlled.	300	700	2,700	3,865	-	-	-	-	7,565	3,865
Rome Beauty, Standard.....	-	-	-	-	-	90	4	-	94	94
Rome Beauty, Size Controlled.....	-	-	-	2,770	-	-	-	-	2,770	2,770
Stayman, Standard.....	-	-	-	4	-	45	-	-	49	45
Stayman, Size Controlled.....	-	-	100	276	-	-	-	-	376	276
Other.....	100	-	-	369	-	59	-	-	528	426
TOTAL ALL.....	700	1,700	9,400	14,104	-	495	5	-	26,404	14,595

AVERY COUNTY

VARIETIES	1 Year Old	2 Years Old	3 To 4 Years Old	5 To 9 Years Old	10 To 14 Years Old	15 To 19 Years Old	20 To 29 Years Old	30 Years Old And Over	Total Trees All Ages	Total Number Of Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	-	-	400	2,710	2,135	-	-	1,390	6,635	3,525
Red Delicious, Size Controlled....	306	450	1,700	1,875	1,600	600	-	-	6,531	4,075
Golden Delicious, Standard.....	-	-	285	1,270	1,485	-	400	394	3,834	2,279
Golden Delicious, Size Controlled.	-	-	350	50	-	-	-	-	400	50
Jonathan, Standard.....	-	-	1	150	480	-	-	1,000	1,631	1,480
Rome Beauty, Standard.....	-	-	25	-	92	200	50	590	957	932
Stayman, Standard.....	-	-	50	50	372	700	100	578	1,850	1,750
Stayman, Size Controlled.....	-	-	10	150	-	-	-	-	160	150
Winesap, Standard.....	-	-	-	-	-	-	-	280	280	280
York, Standard.....	-	500	250	-	-	-	-	50	800	50
Other.....	-	-	-	70	779	110	50	212	1,221	1,171
TOTAL ALL.....	306	950	3,071	6,325	6,943	1,610	600	4,494	24,299	15,742

COMMERCIAL APPLE ORCHARDS: NUMBER OF TREES, BY AGE AND VARIETIES, 1968, NORTH CAROLINA

BUNCOMBE COUNTY

VARIETIES	1 Year Old	2 Years Old	3 To 4 Years Old	5 To 9 Years Old	10 To 14 Years Old	15 To 19 Years Old	20 To 29 Years Old	30 Years Old And Over	Total Trees All Ages	Total Number Of Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	-	60	350	350	174	463	75	150	1,622	862
Red Delicious, Size Controlled...	82	200	930	1,279	-	-	-	-	2,491	1,279
Golden Delicious, Standard.....	140	-	350	400	77	372	140	45	1,524	634
Golden Delicious, Size Controlled	70	200	725	892	25	-	-	-	1,912	917
Rome Beauty, Standard.....	-	-	150	150	90	418	85	25	918	618
Rome Beauty, Size Controlled....	-	-	150	304	-	-	-	-	454	304
Stayman, Standard.....	-	40	235	275	52	239	75	25	941	391
Stayman, Size Controlled.....	20	-	100	99	-	-	-	-	219	99
Winesap, Standard.....	-	-	-	-	30	140	61	100	331	331
Grimes Golden, Standard.....	-	-	50	50	-	50	9	50	209	109
Limbertwig.....	-	-	35	35	-	20	2	20	112	42
Black Twig.....	-	-	50	50	-	50	-	50	200	100
Other.....	-	-	40	87	22	40	2	70	261	181
TOTAL ALL.....	312	500	3,165	3,971	470	1,792	449	535	11,194	11,511

BURKE COUNTY

VARIETIES	1 Year Old	2 Years Old	3 To 4 Years Old	5 To 9 Years Old	10 To 14 Years Old	15 To 19 Years Old	20 To 29 Years Old	30 Years Old And Over	Total Trees All Ages	Total Number Of Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	-	-	116	137	117	212	45	-	627	374
Red Delicious, Size Controlled...	200	15	527	6,639	30	-	-	-	7,411	6,669
Golden Delicious, Standard.....	-	-	75	131	103	170	320	-	799	593
Golden Delicious, Size Controlled	150	150	525	3,415	-	-	-	-	4,240	3,415
Stayman, Standard.....	-	-	125	4	45	-	25	-	199	70
Winesap, Standard.....	-	-	35	-	44	70	-	-	149	114
Other.....	55	12	254	14	71	17	23	-	446	111
TOTAL ALL.....	405	177	1,657	10,340	410	469	413		13,871	11,346

CLEVELAND COUNTY

VARIETIES	1 Year Old	2 Years Old	3 To 4 Years Old	5 To 9 Years Old	10 To 14 Years Old	15 To 19 Years Old	20 To 29 Years Old	30 Years Old And Over	Total Trees All Ages	Total Number Of Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	-	120	150	1,600	945	568	545	-	3,928	2,058
Red Delicious, Size Controlled...	5,020	3,451	3,629	3,915	480	-	-	-	16,495	4,395
Golden Delicious, Standard.....	50	300	300	1,347	1,385	516	520	-	4,418	2,421
Golden Delicious, Size Controlled	2,838	3,101	2,575	1,420	-	-	-	-	9,934	1,420
Rome Beauty, Standard.....	-	-	4	-	100	-	35	-	139	135
Stayman, Standard.....	-	-	45	100	435	250	180	-	1,010	865
Winesap, Standard.....	-	5	11	70	75	-	20	-	181	95
Winesap, Size Controlled.....	-	-	100	-	-	-	-	-	100	-
Arkansas Black.....	1,100	250	600	-	-	-	40	-	1,990	40
Other.....	-	180	70	-	-	-	82	-	332	82
TOTAL ALL.....	9,008	7,407	7,484	8,452	3,420	1,334	1,422	-	38,527	5,867

COMMERCIAL APPLE ORCHARDS: NUMBER OF TREES, BY AGE AND VARIETIES, 1968, NORTH CAROLINA

HAYWOOD COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old And Over	Total Trees All Ages	Total Number Of Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	12	600	251	685	675	1,300	183	2,199	5,905	4,357
Red Delicious, Size Controlled....	948	301	1,723	5,270	1,319	-	-	-	9,561	6,589
Golden Delicious, Standard.....	183	101	273	583	1,499	622	2,594	1,608	7,463	6,323
Golden Delicious, Size Controlled.	531	164	45	979	5	-	-	-	1,724	984
Jonathan, Standard.....	-	-	-	160	67	268	-	41	536	376
Jonathan, Size Controlled.....	-	310	20	562	-	-	-	-	892	562
Rome Beauty, Standard.....	112	60	375	823	2,053	1,920	5,156	3,042	13,541	12,171
Rome Beauty, Size Controlled.....	300	100	282	1,260	34	-	-	-	1,976	1,294
Stayman, Standard.....	15	100	474	655	1,962	1,482	2,669	2,570	9,927	8,683
Stayman, Size Controlled.....	-	-	749	1,000	1	-	-	-	1,750	1,001
Red Gold, Standard.....	-	-	-	206	340	210	259	-	1,015	809
Red Gold, Size Controlled.....	-	-	-	560	300	-	-	-	860	860
Jonagram, Standard.....	-	-	120	125	650	-	-	-	895	650
Jonagram, Size Controlled.....	-	400	-	189	-	-	-	-	589	189
Grimes Golden, Standard.....	1	-	-	130	353	145	470	483	1,582	1,451
Jonared, Standard.....	-	-	-	100	300	120	-	-	520	420
Monroe, Size Controlled.....	95	50	90	615	200	-	-	-	1,050	815
Other.....	78	143	308	1,851	2,003	1,226	160	1,151	6,920	5,959
TOTAL ALL.....	2,275	2,329	4,710	15,753	11,761	7,293	11,491	11,094	66,706	53,493

HENDERSON COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old And Over	Total Trees All Ages	Total Number Of Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	3,812	3,347	12,241	19,787	19,539	18,525	35,202	11,489	123,942	84,755
Red Delicious, Size Controlled....	5,256	5,310	20,821	27,137	16,756	472	-	-	75,752	44,365
Golden Delicious, Standard.....	608	2,657	5,668	9,941	5,976	3,489	6,406	2,297	37,042	18,168
Golden Delicious, Size Controlled.	1,621	3,440	4,938	4,829	1,026	160	-	-	16,014	6,015
Jonathan, Standard.....	275	270	455	772	904	574	347	81	3,678	1,906
Rome Beauty, Standard.....	2,223	1,630	9,715	13,467	15,124	16,181	29,933	11,630	99,903	72,868
Rome Beauty, Size Controlled.....	100	-	631	1,683	14	-	70	-	2,498	1,767
Stayman, Standard.....	10	-	525	526	1,920	2,383	7,704	4,647	17,715	16,654
Stayman, Size Controlled.....	-	500	1	58	4	-	-	-	563	62
Winesap, Standard.....	-	-	-	25	850	1,670	262	348	3,155	3,130
York, Standard.....	-	60	-	-	-	-	4	580	644	584
Cortland, Standard.....	-	-	50	-	140	43	315	151	699	649
Grimes Golden, Standard.....	8	-	57	11	27	9	86	329	527	451
Wolf River.....	-	-	12	46	62	262	500	691	1,573	1,515
Other.....	10	120	406	536	891	387	1,366	1,355	5,071	4,226
TOTAL ALL.....	13,923	17,334	55,520	78,818	63,233	44,155	82,195	33,598	388,776	257,115

**COMMERCIAL APPLE ORCHARDS: NUMBER OF TREES,
BY AGE AND VARIETIES, 1968, NORTH CAROLINA**

LINCOLN COUNTY

VARIETIES	1 Year Old	2 Year Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old & Over	Total Trees All Ages	Total Number Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	300	200	702	920	459	100	875	40	3,596	1,474
Red Delicious, Size Controlled....	4,308	3,670	11,450	9,743	228	-	-	-	29,399	9,971
Golden Delicious, Standard.....	300	-	727	640	399	50	545	20	2,681	1,014
Golden Delicious, Size Controlled.	3,232	4,770	7,625	3,209	-	-	-	-	18,836	3,209
Jonathan, Size Controlled.....	-	-	200	-	-	-	-	-	200	-
Stayman, Standard.....	-	-	64	300	291	30	425	15	1,125	761
Stayman, Size Controlled.....	35	525	530	-	-	-	-	-	1,090	-
Winesap, Standard.....	-	-	-	20	136	15	242	-	413	393
Hollow Log.....	100	-	-	4	-	-	30	-	134	30
Other.....	53	265	56	12	132	15	186	15	734	348
TOTAL ALL.....	8,328	9,430	21,354	14,848	1,645	210	2,303	90	58,208	17,200

McDOWELL COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old & Over	Total Trees All Ages	Total Number Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	159	24	29	270	548	555	188	365	2,138	1,656
Red Delicious, Size Controlled....	8,761	321	3,432	15,991	-	-	-	-	28,505	15,991
Golden Delicious, Standard.....	66	15	28	3,290	295	84	-	7	3,785	386
Golden Delicious, Size Controlled.	4,170	50	1,545	4,805	-	-	-	-	10,570	4,805
Rome Beauty, Standard.....	-	-	105	78	115	207	-	7	512	329
Stayman, Standard.....	93	-	186	124	238	343	-	76	1,060	657
York, Size Controlled.....	-	-	-	2,000	-	-	-	-	2,000	2,000
Other.....	65	-	301	-	100	19	29	81	595	229
TOTAL ALL.....	13,314	410	5,626	26,558	1,296	1,208	217	536	49,165	26,053

MACON COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old & Over	Total Trees All Ages	Total Number Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	165	130	90	120	1,035	280	1,140	192	3,152	2,647
Red Delicious, Size Controlled....	852	854	5,206	4,320	50	-	-	-	11,282	4,370
Golden Delicious, Standard.....	350	-	30	80	565	200	706	103	2,034	1,574
Golden Delicious, Size Controlled.	560	555	500	1,477	-	-	-	-	3,092	1,477
Jonathan, Standard.....	-	-	-	-	60	-	35	-	95	95
Rome Beauty, Standard.....	-	15	-	30	280	-	25	16	366	321
Stayman, Standard.....	-	-	-	-	70	140	434	34	678	678
Winesap, Standard.....	-	-	-	50	-	50	75	-	175	125
Grimes Golden, Standard.....	60	15	-	15	-	-	273	5	368	278
McIntosh, Standard.....	55	-	10	10	-	-	45	1	121	46
McIntosh, Size Controlled.....	25	90	778	10	-	-	-	-	903	10
Other.....	-	2	390	75	27	-	-	10	504	112
TOTAL ALL.....	2,067	1,661	7,004	6,187	2,087	670	2,733	361	22,770	11,733

COMMERCIAL APPLE ORCHARDS: NUMBER OF TREES BY AGE AND VARIETIES, 1968, NORTH CAROLINA

MITCHELL COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old & Over	Total Trees All Ages	Total Number Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	182	25	600	1,522	1,095	1,009	1,401	458	6,292	3,963
Red Delicious, Size Controlled....	1,725	73	3,771	10,999	1,146	-	-	-	17,714	12,145
Golden Delicious, Standard.....	762	9	198	1,307	807	403	963	52	4,501	2,225
Golden Delicious, Size Controlled.	1,380	64	1,232	714	27	8	-	-	3,425	749
Jonathan, Standard.....	-	-	160	1,084	170	28	-	-	1,442	198
Jonathan, Size Controlled.....	-	-	-	100	10	-	-	-	110	110
Rome Beauty, Standard.....	107	-	438	261	52	294	397	-	1,549	743
Stayman, Standard.....	10	104	959	1,749	938	770	2,202	72	6,804	3,982
Stayman, Size Controlled.....	400	-	-	-	-	-	-	-	400	-
Red Gold, Standard.....	-	-	-	121	-	-	25	-	146	25
Other.....	-	6	30	134	15	152	69	3	409	271
TOTAL ALL.....	4,566	281	7,388	17,991	4,260	2,664	5,057	585	42,792	24,411

POLK COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old & Over	Total Trees All Ages	Total Number Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	67	57	29	290	868	584	411	503	2,809	2,366
Red Delicious, Size Controlled....	637	380	85	2,250	-	-	-	-	3,352	2,250
Golden Delicious, Standard.....	1,102	25	-	3,815	431	386	576	8	6,343	1,401
Golden Delicious, Size Controlled.	275	170	20	2,225	-	-	-	-	2,690	2,225
Jonathan, Standard.....	-	-	5	50	26	11	14	-	106	51
Rome Beauty, Standard.....	43	-	-	105	378	124	291	22	963	815
Stayman, Standard.....	-	-	-	82	715	380	549	214	1,940	1,858
Grimes Golden, Standard.....	-	-	-	-	30	100	4	10	144	144
Skyline Supreme.....	200	-	-	-	-	-	-	-	200	-
Other.....	50	40	-	-	5	30	85	30	240	150
TOTAL ALL.....	2,374	672	139	8,817	2,453	1,615	1,930	787	18,787	11,260

RUTHERFORD COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old & Over	Total Trees All Ages	Total Number Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	800	200	804	2,355	430	-	100	-	4,689	530
Red Delicious, Size Controlled....	248	50	2,541	1,000	-	-	-	-	3,839	1,000
Golden Delicious, Standard.....	805	200	1,716	3,187	525	-	100	-	6,533	625
Golden Delicious, Size Controlled.	49	100	1,525	-	-	-	-	-	1,674	-
Rome Beauty, Standard.....	30	100	800	-	250	-	250	-	1,430	500
Stayman, Standard.....	40	250	206	25	15	-	350	-	886	365
Winesap, Standard.....	-	-	12	33	245	-	-	-	290	245
Other.....	7	-	2	38	150	-	-	-	197	150
TOTAL ALL.....	1,979	900	7,606	6,638	1,615	-	800	-	19,538	3,415

**COMMERCIAL APPLE ORCHARDS: NUMBER OF TREES, BY AGE
AND VARIETIES, 1968, NORTH CAROLINA**

STOKES COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old & Over	Total Trees All Ages	Total Number Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	125	400	-	275	75	675	300	-	1,850	1,050
Red Delicious, Size Controlled....	720	2,000	1,000	1,200	-	-	-	-	4,920	1,200
Golden Delicious, Standard.....	75	100	-	10	40	170	150	-	545	360
Golden Delicious, Size Controlled..	400	1,000	500	550	-	-	-	-	2,450	550
Stayman, Standard.....	25	-	-	-	250	682	300	-	1,257	1,232
Stayman, Size Controlled.....	-	-	100	-	-	-	-	-	100	-
Winesap, Standard.....	25	-	-	-	50	85	50	-	210	185
Other.....	-	-	-	-	6	30	140	-	176	176
TOTAL ALL.....	1,370	3,500	1,600	2,035	421	1,642	940	-	11,508	4,753

WILKES COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20-29 Years Old	30 Years Old & Over	Total Trees All Ages	Total Number Trees Of Bearing Age
	1968	1967	1965-66	1960-64	1955-59	1950-54	1940-49	1939 & Earlier		
Red Delicious, Standard.....	1,270	2,060	1,625	5,850	1,801	3,525	4,435	3,208	23,774	12,969
Red Delicious, Size Controlled....	756	987	1,710	14,600	70	-	-	-	18,123	14,670
Golden Delicious, Standard.....	450	500	920	3,295	359	391	860	1,085	7,860	2,695
Golden Delicious, Size Controlled..	200	907	1,395	2,076	-	-	-	-	4,578	2,076
Jonathan, Standard.....	-	-	150	-	12	168	80	100	510	360
Stayman, Standard.....	430	1,875	625	1,275	350	1,760	2,782	2,445	11,542	7,337
Stayman, Size Controlled.....	25	70	20	-	-	-	-	-	115	-
York, Standard.....	-	-	-	-	-	-	-	1,000	1,000	1,000
Bonum.....	-	-	-	150	-	-	29	61	240	90
Grimes Golden, Standard.....	-	-	-	10	-	55	65	53	183	173
Limbertwig.....	-	-	10	150	-	258	533	1,462	2,413	2,253
Black Twig.....	-	-	-	-	-	-	-	259	259	259
Lodi, Size Controlled.....	-	25	-	300	-	-	-	-	325	300
Other.....	40	-	-	50	28	110	80	292	600	520
TOTAL ALL.....	3,171	6,424	6,455	27,756	2,620	6,267	8,864	9,965	71,522	44,702

NORTH CAROLINA COMMERCIAL PEACH ORCHARD SURVEY

Summary

NUMBER OF ORCHARDS AND ACRES

In this survey of North Carolina peach orchards, a commercial orchard was defined as an orchard with 100 or more peach trees maintained for production. In 1968 a total of 200 commercial orchards was reported in the survey. Orchards with 200 to 499 trees were most popular and there were 50 of these. The next most popular size of orchard was 500 to 999 trees, with a total of 45 orchards being reported in this category. There were 41 commercial orchards with less than 200 trees. Nine orchards were reported with 10,000 trees or more. Montgomery County led the State in number of commercial peach orchards with 32, followed by Polk and Rutherford with 14 and 13 respectively.

A total of 4,404 acres was reported in the 200 commercial peach orchards in the State. Montgomery County with 1,120 acres, led all other counties. Richmond County with 1,019 acres, was second and Anson with 833 acres. The Piedmont area of the State accounted for 3,512 acres or 80 percent of the total acreage devoted to commercial peach orchards.

NUMBER OF TREES

The number of peach trees of all ages reported in the survey for all commercial orchards totaled 397,507. This is down 31 percent from the 572,700 trees reported in 1964 on the North Carolina commercial peach orchard survey. In the Sandhills area, Montgomery County led in number of peach trees of all ages with 106,355. Richmond County was second with 101,754 peach trees, followed by Anson County with 60,925 trees and Moore County with 21,915 trees. In the Southern Mountain area, Rutherford had 31,673 peach trees of all ages, while Polk was next with 13,494 trees. In the major peach producing counties

in the State, the number of trees per acre ranged from 73 to 100.

AGES OF TREES

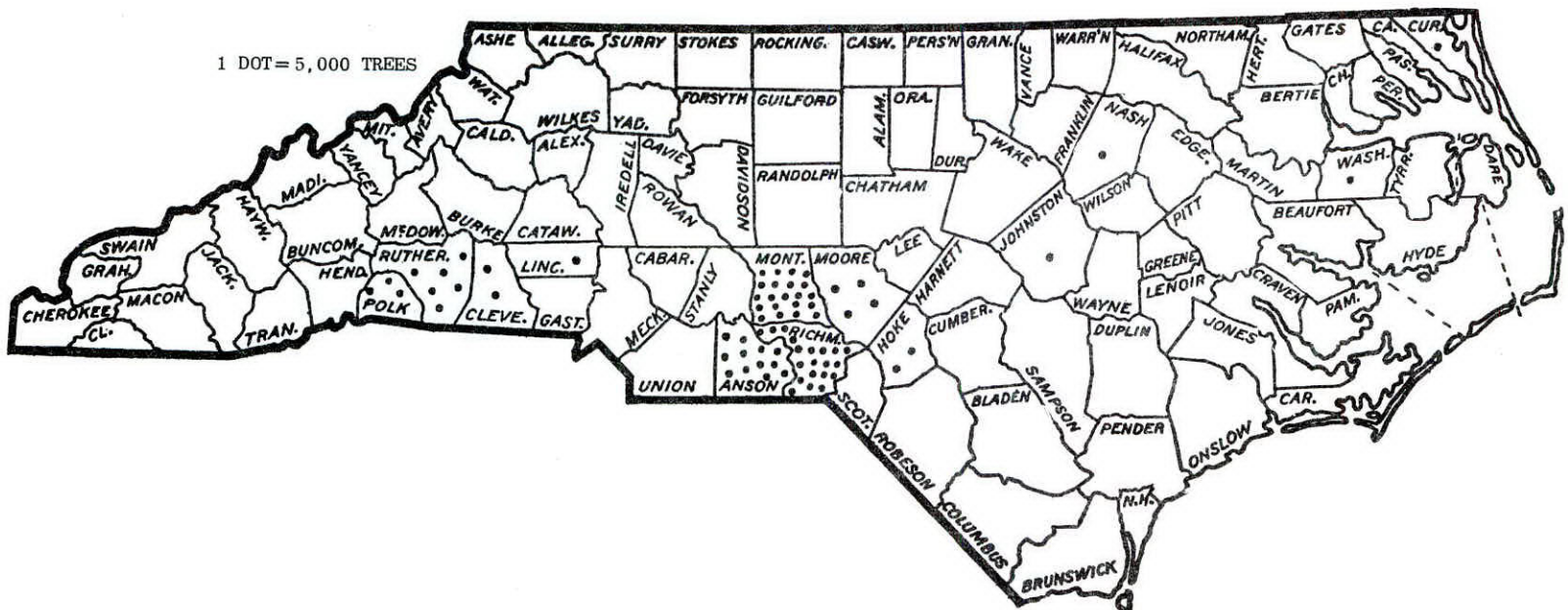
Of the 397,507 peach trees reported of all ages, there were 351,340 trees, or 88 percent of the total which was classified as three years old and over. There were 20,710 trees one year old and 25,457 trees reported as being two years old. Of the trees classified as over three years old, there were 62,365 in the three to four year old category; there were 142,894 in the five to nine year old class; and 107,630 were listed in the range of 10 to 14 years old. There were only 38,451 peach trees reported as being over 15 years old.

VARIETIES

Since the 1964 survey, the Redhaven variety has replaced Elberta as the leading variety of peach trees grown in North Carolina. There were 37,963 Redhaven trees of all ages, or 9.6 percent of all commercial peach trees in the State. The Elberta variety was in second place with 32,303 trees, followed closely by Blake with 32,053 trees. Redskin was fourth with 28,208 trees and Loring rounded out the top five leading varieties in the State with 27,185 trees of all ages, or 6.8 percent of the State total.

FUTURE PRODUCTION TRENDS

Based on the present trend, it is expected that the number of commercial peach orchards and the number of trees maintained for commercial production will continue to decline. New plantings in recent years have not been nearly enough to offset the large number of peach orchards going out of production.



COMMERCIAL PEACH ORCHARDS: ACRES AND TREES BY COUNTIES, 1968, NORTH CAROLINA

COUNTIES AND AREAS	Number Of Commercial Orchards L/	Acres In Commercial Orchards	Total Number Of Trees Of All Ages	Average Number Of Trees Per Acre	Average Number Of Trees Per Orchard	Number Of Trees 3 Years Old and Over
<u>MOUNTAIN COUNTIES</u>						
Polk.....	14	159	13,494	85	964	13,494
Rutherford.....	13	316	31,673	100	2,436	31,098
Other Mountain Counties.....	30	96	6,358	66	212	4,942
TOTAL MOUNTAIN COUNTIES.....	57	571	51,525	90	904	49,534
<u>PIEDMONT COUNTIES</u>						
Anson.....	4	833	60,925	73	15,231	52,450
Montgomery.....	32	1,120	106,355	95	3,324	104,466
Moore.....	9	224	21,915	75	2,435	19,715
Richmond.....	9	1,019	101,754	100	11,306	79,747
Other Piedmont Counties.....	53	316	26,334	83	497	22,576
TOTAL PIEDMONT COUNTIES.....	107	3,512	317,283	90	2,965	278,954
ALL COASTAL PLAINS COUNTIES.	36	321	28,699	89	797	22,852
STATE TOTAL.....	200	4,404	397,507	90	1,988	351,340

L/ Orchards with 100 or more trees of all ages maintained for production.

COMMERCIAL PEACH ORCHARDS: SIZE GROUPS, BY COUNTIES, 1968, NORTH CAROLINA

COUNTIES AND AREAS	Total Number Of Orchards L/	NUMBER OF ORCHARDS BY SIZE GROUPS						
		Less Than 200 Trees	200 To 499 Trees	500 To 999 Trees	1000 To 2499 Trees	2500 To 4999 Trees	5000 To 9999 Trees	10000 Trees and Over
<u>MOUNTAIN COUNTIES</u>								
Polk.....	14	-	3	7	2	2	-	-
Rutherford.....	13	-	2	4	4	1	1	1
Other Mountain Counties.....	30	20	5	5	-	-	-	-
TOTAL MOUNTAIN COUNTIES.....	57	20	10	16	6	3	1	1
<u>PIEDMONT COUNTIES</u>								
Anson.....	4	-	-	-	2	-	-	2
Montgomery.....	32	1	8	2	6	9	3	3
Moore.....	9	-	1	2	3	2	1	-
Richmond.....	9	-	1	1	1	1	2	3
Other Piedmont Counties.....	53	17	17	12	7	-	-	-
TOTAL PIEDMONT COUNTIES.....	107	18	27	17	19	12	6	8
ALL COASTAL PLAINS COUNTIES.	36	3	13	12	6	2	-	-
STATE TOTAL.....	200	41	50	45	31	17	7	9

L/ Orchards with 100 or more trees of all ages maintained for production.

**COMMERCIAL PEACH ORCHARDS : NUMBER OF TREES,
BY AGE AND COUNTIES, 1968, NORTH CAROLINA**

COUNTIES AND AREAS	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20 Years Old & Over	Total All Ages
	1968	1967	1965-66	1960-64	1955-59	1950-54	1949 & Earlier	
<u>MOUNTAIN COUNTIES</u>								
Polk.....	-	-	300	3,764	9,040	390	-	13,494
Rutherford.....	-	575	1,148	16,000	11,100	2,850	-	31,673
Other Mountain Counties.....	1,074	342	1,265	2,393	193	361	730	6,358
TOTAL MOUNTAIN COUNTIES.....	1,074	917	2,713	22,157	20,333	3,601	730	51,525
<u>PIEDMONT COUNTIES</u>								
Anson.....	3,075	5,400	15,700	20,800	14,050	1,500	400	60,925
Montgomery.....	851	1,038	20,832	28,495	31,937	23,202	-	106,355
Moore.....	1,000	1,200	2,825	10,040	5,550	1,300	-	21,915
Richmond.....	9,962	12,045	13,832	42,816	19,089	3,214	796	101,754
Other Piedmont Counties.....	2,511	1,247	2,580	10,952	5,977	2,560	507	26,334
TOTAL PIEDMONT COUNTIES.....	17,399	20,930	55,769	113,103	76,603	31,776	1,703	317,283
ALL COASTAL PLAINS COUNTIES.	2,237	3,610	3,883	7,634	10,694	500	141	28,699
STATE TOTAL.....	20,710	25,457	62,365	142,894	107,630	35,877	2,574	397,507

**COMMERCIAL PEACH ORCHARDS: NUMBER OF TREES BY AGE
AND SIZE OF ORCHARDS, 1968, NORTH CAROLINA**

SIZE GROUPS	Number Of Orchards //	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20 Years Old & Over	Total All Ages
		1968	1967	1965-66	1960-64	1955-59	1950-54	1949 & Earlier	
Less than 200..	41	566	277	575	721	816	439	170	3,564
200-499.....	50	1,016	1,242	2,774	5,828	2,748	1,697	308	15,613
500-999.....	45	3,840	615	2,259	9,942	9,480	2,850	900	29,886
1000-2499.....	31	925	1,850	4,550	13,777	20,440	6,175	400	48,117
2500-4999.....	17	280	4,100	9,839	11,031	17,524	14,874	-	57,648
5000-9999.....	7	1,821	1,445	7,058	14,545	20,922	2,842	796	49,429
10,000 and over	9	12,262	15,928	35,310	87,050	35,700	7,000	-	193,250
TOTAL ALL.....	200	20,710	25,457	62,365	142,894	107,630	35,877	2,574	397,507

// Orchards with 100 or more trees of all ages maintained for production.

**COMMERCIAL PEACH ORCHARDS: NUMBER OF TREES BY AGE
AND VARIETIES, 1968, NORTH CAROLINA**

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20 Years Old & Over	Total All Ages	Total Number Of Trees 3 Years Old & Over	Intentions
	1968	1967	1965-66	1960-64	1955-59	1950-54	1949 & Earlier			Trees To Be Planted 1969
Candor.....	3,153	2,610	4,728	155	88	61	-	10,795	5,032	3,525
Cardinal.....	247	1,852	596	3,199	11,931	1,111	29	18,965	16,866	-
Dixired.....	502	217	8,187	6,807	5,954	2,213	-	23,880	23,161	1,101
Redhaven.....	5,346	4,114	9,524	11,429	5,693	1,727	130	37,963	28,503	452
Coronet.....	90	424	723	2,737	8,083	407	8	12,472	11,958	3,600
Southland.....	131	153	1,971	3,849	9,332	3,655	5	19,096	18,812	1
Keystone.....	146	162	467	3,447	7,920	629	9	12,780	12,472	100
Washington.....	5,170	425	429	955	188	76	5	7,248	1,653	1,600
Sunhigh.....	25	170	3,901	9,424	5,899	821	-	20,240	20,045	-
Loring.....	220	3,879	3,971	14,574	4,126	410	5	27,185	23,086	700
Redglobe.....	14	300	4,000	6,922	438	313	-	11,987	11,673	1,200
Blake.....	741	1,447	3,652	14,041	11,893	269	10	32,053	29,865	1,400
Sullivan Elberta.	71	1,500	2,059	1,049	3,371	561	266	8,877	7,306	-
Redskin.....	546	1,710	5,084	14,875	5,148	810	35	28,208	25,952	50
Georgia Belle....	675	964	1,980	6,381	7,775	4,877	455	23,107	21,468	475
Elberta, Regular.	439	822	3,064	6,978	10,308	9,407	1,285	32,303	31,042	540
Jefferson.....	201	301	54	5,715	-	-	-	6,271	5,769	-
Richaven.....	140	211	225	2,540	389	1,692	14	5,211	4,860	430
Rio-OSA-Gem.....	150	1,150	2,685	1,770	1,731	250	-	7,736	6,436	700
Jersey Queen.....	500	800	1,800	3,000	-	-	-	6,100	4,800	-
Early Blake.....	-	-	-	9,000	-	-	-	9,000	9,000	-
Other Varieties..	2,203	2,246	3,265	14,047	7,363	6,588	318	36,030	31,581	7,101
TOTAL ALL.....	20,710	25,457	62,365	142,894	107,630	35,877	2,574	397,507	351,340	22,975

**COMMERCIAL PEACH ORCHARDS: PERCENTAGE OF TREES,
BY AGE AND VARIETIES, 1968, NORTH CAROLINA**

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20 Years Old & Over	Total All Ages	Total Number Of Trees 3 Years Old & Over	Variety Percent Of State Total	Percent Of Trees 3 Years Old & Over
	1968	1967	1965-66	1960-64	1955-59	1950-54	1949 & Earlier				
Candor.....	29.2	24.2	43.8	1.4	.8	.6	-	10,795	5,032	2.7	46.6
Cardinal.....	1.3	9.8	3.1	16.9	62.9	5.9	.1	18,965	16,866	4.8	88.9
Dixired.....	2.1	.9	34.3	28.5	24.9	9.3	-	23,880	23,161	6.0	97.0
Redhaven.....	14.1	10.8	25.1	30.1	15.0	4.5	.4	37,963	28,503	9.6	75.1
Coronet.....	.7	3.4	5.8	21.9	64.8	3.3	.1	12,472	11,958	3.1	95.9
Southland.....	.7	.8	10.3	20.2	48.9	19.1	-	19,096	18,812	4.8	98.5
Keystone.....	1.1	1.3	3.6	27.0	62.0	4.9	.1	12,780	12,472	3.2	97.6
Washington.....	71.3	5.9	5.9	13.2	2.6	1.0	.1	7,248	1,653	1.8	22.8
Sunhigh.....	.1	.8	19.3	46.6	29.1	4.1	-	20,240	20,045	5.1	99.1
Loring.....	.8	14.3	14.6	53.6	15.2	1.5	-	27,185	23,086	6.8	84.9
Redglobe.....	.1	2.5	33.4	57.7	3.7	2.6	-	11,987	11,673	3.0	97.4
Blake.....	2.3	4.5	11.4	43.8	37.1	.9	-	32,053	29,865	8.1	93.2
Sullivan Elberta.	.8	16.9	23.2	11.8	38.0	6.3	3.0	8,877	7,306	2.2	82.3
Redskin.....	1.9	6.1	18.0	52.7	18.3	2.9	.1	28,208	25,952	7.1	92.0
Georgia Belle....	2.9	4.2	8.6	27.6	33.6	21.1	2.0	23,107	21,468	5.8	92.9
Elberta, Regular.	1.4	2.5	9.5	21.6	31.9	29.1	4.0	32,303	31,042	8.1	96.1
Jefferson.....	3.2	4.8	.9	91.1	-	-	-	6,271	5,769	1.6	92.0
Richaven.....	2.7	4.0	4.3	48.7	7.5	32.5	.3	5,211	4,860	1.3	93.3
Rio-OSA-Gem.....	1.9	14.9	34.7	22.9	22.4	3.2	-	7,736	6,436	2.0	83.2
Jersey Queen.....	8.2	13.1	29.5	49.2	-	-	-	6,100	4,800	1.5	78.7
Early Blake.....	-	-	-	100.0	-	-	-	9,000	9,000	2.3	100.0
Other Varieties..	6.1	6.2	9.1	39.0	20.4	18.3	.9	36,030	31,581	9.1	87.7
TOTAL ALL.....	5.2	6.4	15.7	36.0	27.1	9.0	.6	397,507	351,340	100.0	88.4

**COMMERCIAL PEACH ORCHARDS: NUMBER OF TREES BY AGE
AND VARIETIES 1968, NORTH CAROLINA**

ANSON COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20 Years Old & Over	Total All Ages
	1968	1967	1965-66	1960-64	1955-59	1950-54	1949 & Earlier	
Candor.....	2,000	1,400	1,700	-	-	-	-	5,100
Cardinal.....	-	-	-	-	1,000	-	-	1,000
Dixired.....	-	-	1,450	1,200	1,450	-	-	4,100
Redhaven.....	1,075	200	2,000	5,500	-	-	-	8,775
Coronet.....	-	-	-	50	1,200	-	-	1,250
Keystone.....	-	-	-	1,400	-	-	-	1,400
Sunhigh.....	-	150	1,850	3,350	3,500	-	-	8,850
Loring.....	-	3,000	-	1,500	-	-	-	4,500
Blake.....	-	-	1,000	3,000	3,500	-	-	7,500
Sullivan Elberta....	-	-	1,950	-	-	-	250	2,200
Redskin.....	-	-	900	1,800	2,500	-	-	5,200
Georgia Belle.....	-	300	850	-	200	1,300	150	2,800
Elberta Regular....	-	200	1,500	-	400	200	-	2,300
Rio-OSA-Gem.....	-	150	2,500	-	-	-	-	2,650
Jersey Queen.....	-	-	-	3,000	-	-	-	3,000
Other.....	-	-	-	-	300	-	-	300
TOTAL ALL.....	3,075	5,400	15,700	20,800	14,050	1,500	400	60,925

MONTGOMERY COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20 Years Old & Over	Total All Ages
	1968	1967	1965-66	1960-64	1955-59	1950-54	1949 & Earlier	
Cardinal.....	12	-	220	898	5,581	1,041	-	7,752
Dixired.....	500	217	6,331	521	926	2,213	-	10,708
Redhaven.....	8	-	1,116	1,723	1,553	1,232	-	5,632
Coronet.....	8	-	166	223	4,548	382	-	5,327
Southland.....	4	-	83	111	1,124	1,841	-	3,163
Keystone.....	55	-	111	249	3,565	121	-	4,101
Sunhigh.....	5	-	1,911	1,149	165	621	-	3,851
Loring.....	18	-	357	6,734	4,037	394	-	11,540
Redglobe.....	14	-	3,775	5,372	413	303	-	9,877
Blake.....	12	-	1,595	3,348	2,206	241	-	7,402
Redskin.....	7	-	1,813	2,686	357	751	-	5,614
Georgia Belle.....	100	107	138	886	2,427	1,526	-	5,184
Elberta, Regular....	100	114	275	422	2,188	6,353	-	9,452
Dixieland.....	4	300	458	2,111	124	91	-	3,088
Triogem.....	-	-	-	-	-	2,200	-	2,200
Other.....	4	300	2,483	2,062	2,723	3,892	-	11,464
TOTAL ALL.....	851	1,038	20,832	28,495	31,937	23,202	-	106,355

**COMMERCIAL PEACH ORCHARDS: NUMBER OF TREES BY AGE
AND VARIETIES, 1968, NORTH CAROLINA**

MOORE COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20 Years Old & Over	Total All Ages
	1968	1967	1965-66	1960-64	1955-59	1950-54	1949 & Earlier	
Candor.....	800	-	-	-	-	-	-	800
Dixired.....	-	-	400	-	650	-	-	1,050
Redhaven.....	-	-	550	-	250	-	-	800
Coronet.....	-	-	400	-	600	-	-	1,000
Southland.....	-	-	-	400	500	200	-	1,100
Loring.....	-	-	-	1,740	-	-	-	1,740
Redglobe.....	-	300	200	1,500	-	-	-	2,000
Blake.....	-	-	125	2,500	125	-	-	2,750
Redskin.....	-	300	125	1,100	300	-	-	1,825
Georgia Belle.....	-	-	-	-	775	300	-	1,075
Elberta, Regular....	-	-	200	-	750	200	-	1,150
Ranger.....	-	-	-	1,800	-	-	-	1,800
Richaven.....	-	-	-	1,000	-	250	-	1,250
Other.....	200	600	825	-	1,600	350	-	3,575
TOTAL ALL.....	1,000	1,200	2,825	10,040	5,550	1,300	-	21,915

POLK COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20 Years Old & Over	Total All Ages
	1968	1967	1965-66	1960-64	1955-59	1950-54	1949 & Earlier	
Redhaven.....	-	-	-	175	650	150	-	975
Southland.....	-	-	-	360	3,500	-	-	3,860
Blake.....	-	-	-	300	500	-	-	800
Sullivan Elberta....	-	-	-	50	1,600	-	-	1,650
Georgia Belle.....	-	-	-	219	900	-	-	1,119
Elberta, Regular....	-	-	150	1,300	330	180	-	1,960
Rio-OSA-Gem.....	-	-	-	300	1,500	-	-	1,800
Baby Golds.....	-	-	-	800	-	-	-	800
Other.....	-	-	150	260	60	60	-	530
TOTAL ALL.....	-	-	300	3,764	9,040	390	-	13,494

COMMERCIAL PEACH ORCHARDS: NUMBER OF TREES BY AGE AND VARIETIES, 1968, NORTH CAROLINA

RICHMOND COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20 Years Old & Over	Total All Ages
	1968	1967	1965-66	1960-64	1955-59	1950-54	1949 & Earlier	
Candor.....	-	1,200	1,300	-	-	-	-	2,500
Cardinal.....	235	1,852	376	1,143	3,700	70	24	7,400
Dixired.....	-	-	-	2,500	1,500	-	-	4,000
Redhaven.....	4,000	3,500	5,000	2,500	400	300	-	15,700
Coronet.....	82	124	132	1,814	140	25	8	2,325
Keystone.....	91	137	146	1,548	3,655	28	9	5,614
Washington.....	4,552	79	84	200	89	16	5	5,025
Sunhigh.....	-	-	40	4,500	1,600	-	-	6,140
Loring.....	52	479	3,614	4,300	89	16	5	8,555
Blake.....	95	1,142	172	861	5,362	28	10	7,670
Sullivan Elberta....	-	1,500	-	-	500	-	-	2,000
Redskin.....	64	1,096	1,503	8,243	109	19	6	11,040
Elberta, Regular....	-	-	-	-	500	1,125	700	2,325
Jefferson.....	-	-	-	5,100	-	-	-	5,100
Jersey Queen.....	500	500	1,000	-	-	-	-	2,000
Early Blake.....	-	-	-	9,000	-	-	-	9,000
Other.....	291	436	465	1,107	1,445	1,587	29	5,360
TOTAL ALL.....	9,962	12,045	13,832	42,816	19,089	3,214	796	101,754

RUTHERFORDTON COUNTY

VARIETIES	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15-19 Years Old	20 Years Old & Over	Total All Ages
	1968	1967	1965-66	1960-64	1955-59	1950-54	1949 & Earlier	
Cardinal.....	-	-	-	1,000	500	-	-	1,500
Dixired.....	-	-	-	800	1,000	-	-	1,800
Coronet.....	-	-	-	450	1,000	-	-	1,450
Southland.....	-	-	-	2,200	3,075	-	-	5,275
Blake.....	-	-	210	3,500	200	-	-	3,910
Sullivan Elberta....	-	-	-	500	315	160	-	975
Redskin.....	-	-	500	-	1,850	-	-	2,350
Georgia Belle.....	-	-	150	1,000	850	580	-	2,580
Elberta, Regular....	-	75	80	1,525	1,860	480	-	4,020
Dixieland.....	-	-	-	-	-	900	-	900
Ranger.....	-	-	-	1,200	-	-	-	1,200
Richaven.....	-	-	-	1,000	-	-	-	1,000
Rio-OSA-Gem.....	-	500	185	1,150	-	250	-	2,085
Other.....	-	-	23	1,675	450	480	-	2,628
TOTAL ALL.....	-	575	1,148	16,000	11,100	2,850	-	31,673

COMMERCIAL APPLE PRODUCTION, PRICE AND VALUE, 1934-1968, NORTH CAROLINA

YEAR	PRODUCTION (000) Bushels	PRICE PER BUSHEL Dollars	TOTAL (000) Dollars	YEAR	PRODUCTION (000) Bushels	PRICE PER BUSHEL Dollars	TOTAL (000) Dollars
1934	772	.86	664	1952	1,960	2.15	4,214
1935	1,018	.75	764	1953	800	2.50	2,000
1936	710	.98	696	1954	1,700	1.90	3,230
1937	1,840	.63	1,049	1955	40	2.65	106
1938	738	.79	583	1956	1,750	2.05	3,588
1939	1,331	.72	872	1957	1,650	1.95	3,218
1940	1,081	.75	767	1958	2,200	1.55	3,410
1941	1,498	.77	1,153	1959	1,700	1.90	3,230
1942	1,008	1.02	1,028	1960	2,500	2.35	5,875
1943	391	2.17	848	1961	2,300	2.05	4,715
1944	1,320	1.61	2,040	1962	2,700	2.05	5,535
1945	202	2.77	560	1963	2,600	2.20	5,720
1946	1,404	2.25	3,159	1964	2,400	2.05	4,869
1947	940	2.20	2,068	1965	4,200	1.45	5,539
1948	1,540	2.00	3,080	1966	2,500	2.00	5,000
1949	744	1.95	1,451	1967	<u>1/</u> 166.1	<u>2/</u> 4.11	6,827
1950	1,856	1.70	3,155	1968	<u>1/</u> 169.8	<u>2/</u> 4.99	8,723
1951	1,240	1.75	2,170				

1/ Production estimated in million pounds. 2/ Estimated price per pound.

COMMERCIAL PEACH PRODUCTION, PRICE AND VALUE, 1899-1968, NORTH CAROLINA

YEAR	PRODUCTION (000) Bushels	PRICE PER BUSHEL Dollars	TOTAL (000) Dollars	YEAR	PRODUCTION (000) Bushels	PRICE PER BUSHEL Dollars	TOTAL (000) Dollars
1899	374	-	-	1934	2,116	1.20	2,539
1900	1,550	-	-	1935	1,962	1.05	2,060
1901	1,150	-	-	1936	1,558	1.60	2,493
1902	1,050	-	-	1937	2,016	1.60	3,226
1903	1,100	-	-	1938	2,176	1.05	2,167
1904	1,350	-	-	1939	1,516	1.30	1,971
1905	1,200	-	-	1940	1,690	1.15	1,944
1906	1,100	-	-	1941	3,167	.67	1,921
1907	550	-	-	1942	2,463	1.40	3,448
1908	1,400	-	-	1943	252	4.90	1,235
1909	1,344	1.40	1,882	1944	2,698	2.50	6,745
1910	1,955	1.00	1,955	1945	2,084	2.35	4,897
1911	439	1.60	699	1946	2,884	2.30	6,633
1912	2,057	.95	1,954	1947	2,570	1.45	3,726
1913	569	1.40	797	1948	1,355	2.65	3,591
1914	1,701	1.20	2,041	1949	870	2.70	2,347
1915	1,683	1.10	1,851	1950	324	4.45	1,442
1916	725	1.30	942	1951	1,700	1.85	3,145
1917	1,172	1.55	1,817	1952	1,600	1.95	3,120
1918	738	1.90	1,402	1953	1,100	2.05	2,255
1919	479	2.55	1,221	1954	1,100	2.90	3,190
1920	1,212	2.45	2,969	1955	Too Small To Estimate		
1921	596	2.60	1,550	1956	950	2.85	2,708
1922	1,580	1.95	3,081	1957	1,500	2.65	3,975
1923	529	2.55	1,349	1958	1,350	2.00	2,700
1924	2,304	1.45	3,341	1959	1,100	2.35	2,585
1925	1,393	1.80	2,507	1960	1,300	2.30	2,990
1926	1,995	1.05	2,095	1961	1,500	1.95	2,730
1927	1,032	2.15	2,219	1962	1,400	2.06	2,884
1928	2,100	1.20	2,520	1963	1,500	2.51	3,765
1929	1,326	2.10	2,785	1964	250	4.60	1,150
1930	1,512	1.80	2,722	1965	1,500	2.07	2,525
1931	2,944	.70	2,061	1966	1,550	3.60	5,580
1932	1,504	1.10	1,654	1967	<u>1/</u> 40.0	<u>2/</u> 8.99	3,596
1933	2,080	.90	1,872	1968	<u>1/</u> 77.8	<u>2/</u> 6.58	5,119

1/ Production estimated in million pounds. 2/ Estimated price per pound.

NORTH CAROLINA COMMERCIAL VINEYARD SURVEY

Summary

NUMBER OF VINEYARDS

There were 115 commercial vineyards reported on the North Carolina Commercial Vineyard Survey in 1968 being maintained for commercial grape production. Of this total 69, or 60 percent, were reported in the Coastal Plains. Piedmont counties accounted for 32 commercial vineyards and 14 were reported in the Mountain area. Onslow County had the largest number of vineyards reported with 10, Lenoir and Robeson tied for second with 9. Jones was third with 7, and Johnston had 6 for fourth. The first five leading counties in terms of number of commercial vineyards were all located in the Coastal Plains. In the Piedmont area, Cleveland, Moore and Union counties each had five commercial vineyards. McDowell led the Mountain counties with 3 commercial vineyards reported.

ACRES AND AGE OF GRAPE VINEYARDS

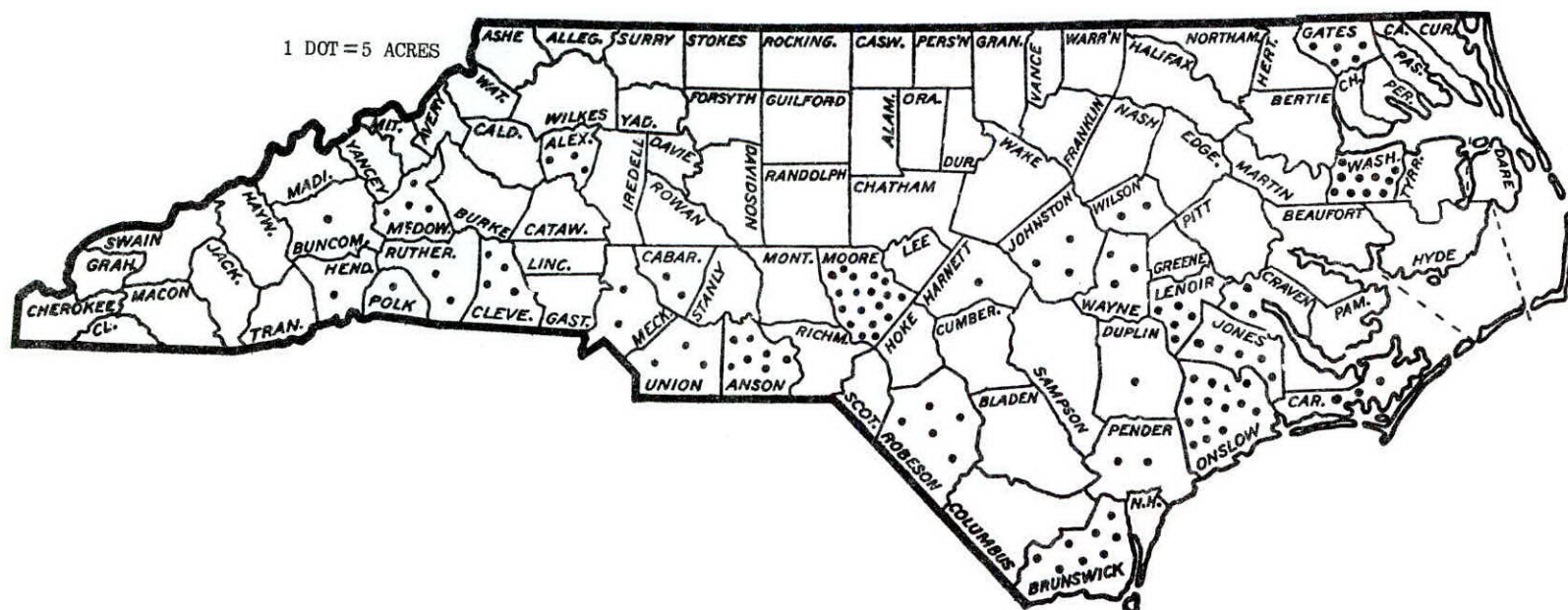
There were slightly over 614 acres of grapevines reported in the State being maintained for commercial production in 1968. The Coastal Plains accounted for 360 acres, or 59 percent of the total. Piedmont counties totaled 209 acres in commercial vineyards, while 45 acres were reported for the Mountain area. Moore County led the State with 91 acres, Onslow was second with 72 acres, Washington was third with 52 acres, Brunswick fourth with 40 acres, and Anson

fifth with 36 acres maintained for commercial grape production. Of the 614 acres of vineyards reported, 474 acres were in vines of bearing age. Vines of bearing age are defined as all acres containing grapevines over three years of age.

Of the acres in grapevines of bearing age, 157 were in the three to four year old category, 122 were in the five to nine year old group, nearly 51 were reported in the 10 to 14 year old category and about 144 acres were devoted to grapevines over 15 years of age. There were about 140 acres of grapevines of non-bearing age.

VARIETIES

Of the 614 acres of grapevines of all ages, 486 acres, or 79 percent, were classified as muscadine type and 128 acres, or 21 percent, were bunch type. Of the muscadine type, 390 acres were of the leading light varieties while over 58 acres contained vines of the leading dark varieties. The most popular light varieties were Scuppernong, Magnolia and Higgins. The two major dark varieties were Hunt and James. The leading varieties of grapes classified as bunch type were Concord, Niagara and Fredonia. Of the 486 acres of muscadine type grapevines, 381 acres of vineyards were classified as bearing age. Of the 128 acres of grapevines of bunch type varieties, 93 acres of vines were classified as bearing age.



**COMMERCIAL VINEYARDS: NUMBER OF ACRES OF GRAPEVINES
BY AGE AND COUNTIES, 1968, NORTH CAROLINA**

COUNTIES AND AREAS	Number Of Comm. Vine- yards	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15 Years Old & Over	Total Acres Of Vineyards Of All Ages	Total Acres Of Bearing Age
		1968	1967	1965-66	1960-64	1955-59	1954 & Earlier		
<i>Acres</i>									
<u>MOUNTAIN COUNTIES</u>									
McDowell.....	3	.25	.15	.10	.10	20.00	-	20.60	20.20
Rutherford.....	2	-	-	1.00	-	-	8.00	9.00	9.00
Other Mountain Counties.....	9	2.50	-	4.95	5.00	1.70	1.00	15.15	12.65
TOTAL MOUNTAIN COUNTIES.....	14	2.75	.15	6.05	5.10	21.70	9.00	44.75	41.85
<u>PIEDMONT COUNTIES</u>									
Alexander.....	1	15.00	-	-	-	-	-	15.00	-
Anson.....	1	7.00	23.00	6.00	-	-	-	36.00	6.00
Cleveland.....	5	2.55	2.40	12.00	-	1.70	-	18.65	13.70
Mecklenburg.....	3	-	-	3.00	3.40	-	4.40	10.80	10.80
Moore.....	5	.20	.20	28.05	5.80	-	56.70	90.95	90.55
Union.....	5	-	-	1.00	11.00	4.50	-	16.50	16.50
Other Piedmont Counties.....	12	1.10	1.00	10.30	5.60	2.50	.75	21.25	19.15
TOTAL PIEDMONT COUNTIES.....	32	25.85	26.60	60.35	25.80	8.70	61.85	209.15	156.70
<u>COASTAL PLAINS COUNTIES</u>									
Brunswick.....	1	10.00	10.00	18.00	2.00	-	-	40.00	20.00
Carteret.....	1	-	-	-	14.00	-	-	14.00	14.00
Craven.....	4	2.50	1.50	6.00	-	1.50	2.00	13.50	9.50
Gates.....	1	-	-	-	-	-	25.00	25.00	25.00
Johnston.....	6	-	-	7.70	5.20	.20	-	13.10	13.10
Jones.....	7	-	.60	5.70	19.45	-	-	25.75	25.15
Lenoir.....	9	2.25	1.85	6.00	15.40	-	-	25.50	21.40
Onslow.....	10	3.30	14.85	18.92	15.55	10.00	9.00	71.62	53.47
Pender.....	4	.50	1.00	3.50	4.50	-	-	9.50	8.00
Robeson.....	9	.50	.50	10.50	8.50	1.00	5.00	26.00	25.00
Washington.....	3	20.00	-	-	-	.50	32.00	52.50	32.50
Wayne.....	4	1.10	3.50	2.75	.50	7.00	.10	14.95	10.35
Wilson.....	1	11.00	-	-	-	-	-	11.00	-
Other Coastal Plains Counties	9	-	-	11.70	6.10	-	-	17.80	17.80
TOTAL COASTAL PLAINS COUNTIES	69	51.15	33.80	104.77	77.20	20.20	73.10	360.22	275.27
TOTAL ALL.....	115	79.75	60.55	157.17	122.10	50.60	143.95	614.12	473.82

**COMMERCIAL VINEYARDS: NUMBER OF ACRES OF GRAPEVINES
BY AGE AND VARIETIES, 1968, NORTH CAROLINA**

VARIETY	1 Year Old	2 Years Old	3-4 Years Old	5-9 Years Old	10-14 Years Old	15 Years Old & Over	Total Acres Of Vineyards Of All Ages	Total Acres Of All Ages
	1968	1967	1965-66	1960-64	1955-59	1954 & Earlier		
	<i>Acres</i>							
<u>BUNCH TYPE:</u>								
Concord.....	7.00	.40	23.00	14.40	12.30	5.50	62.60	55.20
Fredonia.....	6.85	.40	.70	3.00	7.10	2.70	20.75	13.50
Niagara.....	7.30	5.00	4.90	2.10	7.20	1.20	27.70	15.40
Other Bunch Types.....	1.25	6.95	2.00	1.50	1.30	4.00	17.00	8.80
TOTAL BUNCH TYPE.....	22.40	12.75	30.60	21.00	27.90	13.40	128.05	92.90
<u>MSUCADINE TYPE: (Light Varieties)</u>								
Magnolia.....	30.50	17.50	22.20	4.40	.10	-	74.70	26.70
Scuppernong.....	12.95	12.95	60.82	55.15	12.00	71.60	225.47	199.57
Roanoke.....	-	4.50	13.42	3.50	.20	-	21.62	17.12
Chowan.....	2.00	1.30	8.35	5.50	-	-	17.15	13.85
Higgins.....	8.70	7.00	8.00	6.15	.10	-	29.95	14.25
Yuga.....	-	-	-	1.00	-	20.00	21.00	21.00
TOTAL LIGHT VARIETIES.....	54.15	43.25	112.79	75.70	12.40	91.60	389.89	292.49
<u>MUSCADINE TYPE: (Dark Varieties).</u>								
Hunt.....	2.20	2.60	4.18	9.70	1.00	4.00	23.68	18.88
James.....	.05	1.00	.25	.50	-	33.20	35.00	33.95
TOTAL DARK VARIETIES.....	2.25	3.60	4.43	10.20	1.00	37.20	58.68	52.83
OTHER MUSCADINE TYPES.....	.95	.95	9.35	15.20	9.30	1.75	37.50	35.60
TOTAL MUSCADINE TYPES.....	57.35	47.80	126.57	101.10	22.70	130.55	486.07	380.92
TOTAL ALL.....	79.75	60.55	157.17	122.10	50.60	143.95	614.12	473.82

**COMMERCIAL VINEYARDS: NUMBER OF VINEYARDS
BY SIZE GROUPS, BY ACRES, 1968, NORTH CAROLINA**

AREA	Less Than 4.99 Acres	5.00 To 9.99 Acres	10.00 To 14.99 Acres	15.00 To 19.99 Acres	20.00 Acres and Over
Mountain.....	13	2	-	-	1
Piedmont.....	21	3	1	2	2
Coastal Plains.	51	8	4	2	5
TOTAL ALL.....	85	13	5	4	8

NORTH CAROLINA FRUIT TREE SURVEY
PLEASE REPORT FOR THE ORCHARD(S) YOU OPERATE

KIND AND VARIETY (LIST STANDARD AND DWARF TREES SEPARATELY)	CODE	NUMBER OF APPLE TREES IN THIS ORCHARD ACCORDING TO YEAR SET OUT (OMIT ABANDONED TREES)									Quantity Of Apples Harvested In 1968 (Include Culls and Drops Picked Up)	Estimated Quantity Of Mature Apples Not Harvested In 1968
		1968 (1 Yr.)	1967 (2 Yr.)	1965-66 (3-4 Yr.)	1960-64 (5-9 Yr.)	1955-59 (10-14 Yr.)	1950-54 (15-19 Yr.)	1940-49 (20-29 Yr.)	1939 and Earlier (30 Yrs. and over)	Total Trees Of All Ages (COLS. A-H)		
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		
STANDARD TREES		<i>Number Of Trees</i>									<i>Bushe ls</i>	
Grimes Golden	116											
Jonathan	120											
Delicious (Red)	110											
Golden Delicious	114											
Stayman	137											
Winesap	147											
Rome Beauty	134											
Limbertwig	122											
OTHER (SPECIFY)												
DWARF AND SEMI- DWARF (INCLUDING SPUR TYPE)												
Delicious (Red)	210											
Golden Delicious	214											
Jonathan	220											
Stayman	237											
Rome Beauty	234											
OTHER (SPECIFY)												
TOTAL ALL VARIETIES	399											

- Total acres of standard apple trees..... Acres
- Total acres of dwarf and semi-dwarf (Spur type) trees..... Acres
- Average net weight per bushel reported above..... Pounds
- Number of apple trees to be set out in 1969 by variety:

Variety (Specify)	Standard Number Of Trees	Dwarf and Semi-Dwarf Number Of Trees

NORTH CAROLINA FRUIT TREE SURVEY
PLEASE REPORT FOR THE ORCHARD(S) YOU OPERATE

VARIETY	CODE	NUMBER OF PEACH TREES IN THIS ORCHARD ACCORDING TO YEAR SET OUT (OMIT ABANDONED TREES)								Quantity Of Peaches Harvested In 1968	Estimated Quantity Of Mature Peaches Not Harvested In 1968
		1968 (1 Yr.)	1967 (2 Yr.)	1965-66 (3-4 Yr.)	1960-64 (5-9 Yr.)	1955-59 (10-14 Yr.)	1950-54 (15-19 Yr.)	1949 and Earlier (20 Yrs. and over)	Total Trees Of All Ages		
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
		<u>Number Of Trees</u>								<u>Bushels</u>	
Candor	101										
Cardinal	102										
Dixired	103										
Redhaven	104										
Coronet	201										
Southland	202										
Keystone	203										
Washington	204										
Sunhigh	205										
Loring	206										
Redglobe	207										
Blake	208										
Sullivan Elberta	209										
Redskin	210										
Georgia Belle	211										
Elberta	212										
Dixieland	213										
OTHER (SPECIFY)											
TOTAL ALL VARIETIES	399										

- Total acres of peaches in the orchard(s) you operate..... Acres
- Average net weight per bushel reported above..... Pounds
- Number of peach trees to be set out in 1969 by variety:

Variety (Specify)	Number Of Trees

NORTH CAROLINA VINEYARD SURVEY
PLEASE REPORT FOR THE VINEYARD(S) YOU OPERATE

VARIETY	CODE	ACRES OF GRAPE VINES IN THIS VINEYARD ACCORDING TO YEAR SET OUT (OMIT ABANDONED VINES)							Quantity Of Grapes Harvested In 1968 (H)	Estimated Quantity Of Mature Grapes Not Harvested In 1968 (I)
		1968 (1 Yr.) (A)	1967 (2 Yr.) (B)	1965-66 (3-4 Yr.) (C)	1960-64 (5-9 Yr.) (D)	1955-59 (10-14 Yr.) (E)	1954 and Earlier (15 Yrs. and over) (F)	Total Acres Of All Ages (G)		
		<i>Acres - Report In Tenths</i>							<i>Tons</i>	
BUNCH TYPE										
Concord	101									
Fredonia	102									
Niagara	103									
OTHER (SPECIFY)										
MUSCADINE TYPE										
Magnolia	201									
Scuppernong	202									
Roanoke	203									
Other White Varieties (Specify)										
Hunt	301									
Burgaw	302									
Albemarle	303									
James	304									
Other Black Varieties (Specify)										
TOTAL ALL VARIETIES	499									

1. Average number of vines per acre _____ vines.

2. Acres of grapes to be set out in 1969 by varieties:

Variety	Number Of Acres

Comments: _____

Your Name _____

Name Of Orchard or Vineyard _____ Date _____

North Carolina Department of Agriculture
NORTH CAROLINA CROP REPORTING SERVICE
Halifax and Edenton Street
Raleigh, North Carolina 27611