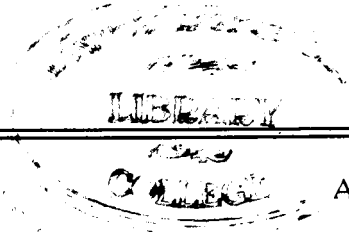


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ORCHARD SURVEY OF THE  
NORTHEASTERN DISTRICT  
OF COLORADO

By E. P. SANDSTEN and C. M. TOMPKINS



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# The Colorado Agricultural College

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# ORCHARD SURVEY OF THE NORTH-EASTERN DISTRICT OF COLORADO

By E. P. SANDSTEN and C. M. TOMPKINS

The fruit district of northeastern Colorado includes Larimer, Boulder, Jefferson, Adams and Arapahoe Counties. The fruit-growing area of this district is confined to the foot hills and land adjacent to them. It extends from north of Fort Collins to a little south of Littleton in Arapahoe County, a distance of about 100 miles. The width of the district varies with the configuration of the mountains from less than one mile to several miles in extent, being the widest where the rivers and canyons open out on the plains. It is an irregular belt, broken in many places by ridges which cannot be irrigated and therefore not suitable for the growing of fruits. The district as a whole is adjacent to and a part of the most highly developed agricultural region in the state. It is close to Denver and numerous smaller cities which furnish excellent markets for the fruit. The section is also well served by several lines of railroads thus providing excellent transportation facilities.

Only the hardier tree fruits can be grown successfully and the industry is confined principally to the growing of the hardier apples, plums and sour cherries.

## APPLES

While many of the more tender and long seasoned varieties can be grown, the fruit does not attain the size nor the color that is developed in more favorable sections. Apples such as Jonathan, McIntosh, Northwestern Greening, Wealthy, Yellow Transparent, Sheriff, Gano and Ben Davis are grown successfully over the whole district. The Jonathan or longer seasoned varieties do not attain the size that they should, but by proper pruning, cultivation, and thinning much improvement in size and color are obtained. The apples orchards are usually of considerable age and testify to the early attempts of the settlers. The survey of the district shows that more than 40 varieties are found in the older orchards. Most of these, however, are varieties that have long since disappeared from commercial plantings, because other varieties are more profitable and safer to plant. Outside of the northern part of this district, little or no planting has been done during the last eight or ten years, and possibly the production of apples for the whole district is more or less stationary. The planting has barely kept pace with the dying and removal of trees in the older orchards. While there are favored localities in this area where apple-growing could be highly developed, as a whole the district is not strictly a commercial fruit-growing district. It will perhaps

always remain as a fruit district of sufficient size and production to supply the nearby market, but can hardly hold its own in quality and quantity with other more favorably located fruit sections of the state.

One should not infer from this that fruit growing in this section is unprofitable and limited. Many of the growers have been successful financially and there is much room for the expansion of the industry by the right kind of growers.

### ***CHERRIES***

The sour cherry industry is perhaps of equal, if not of greater, importance than the apple industry. The reputation of northern Colorado cherries is such that in competition with older producing regions it is given the preference. The fruit produced is of large size, exceptionally meaty and of high quality and is sought by the preserving plants above others.

Some 10 to 15 years ago, growers were advised to plant the sour cherry extensively on the higher non-irrigable land. It was claimed that the sour cherry could be grown profitably on such lands with the normal rainfall and produce better crops than on land under irrigation. It seems to be true that the trees up to the time of fruiting, will grow, but with the coming of fruit crops, there is not enough water from the natural rainfall to develop the fruit and as a consequence many of the dryland orchards have been killed during the last few seasons. It is not safe, nor can it be considered profitable, to grow cherries on land not supplied with water for irrigation.

The principal varieties of sour cherries grown are the Early Richmond, Montmorency, and English Morello. The Early Richmond is grown only in limited numbers, while Montmorency and Morellos form more than 90 per cent of the total number of trees. The Wragg variety, so extensively grown in the Arkansas Valley, does not produce fruit in commercial quantity to justify planting.

The outlook for further development for the sour cherry industry is very promising. There are large areas in the whole district that are admirably adapted to this crop, and one can safely prophecy that the sour cherry industry will in the future be the leading fruit industry of the district.

### ***PLUMS***

Only the hardier varieties of plums are successful. The European varieties may be grown to a limited extent, but they are short lived and on this account are not profitable. The American or native plums have been the most profitable and consistent producers. They are hardy and seldom miss a crop. The principal varieties of the European kind are the German and Italian Prunes, Lombard and Damson. Of the American group of plums, the

Sunset, Forest Garden, Wolf, Quaker and De Sota are planted. The American plums should be planted more extensively. They live longer than the European kinds and are more reliable producers. They bring the same price in the market as the Europeans.

### **GENERAL CONDITIONS OF THE APPLE ORCHARDS**

Most of the older apple orchards are in sod, and in most cases are used as pastures for livestock. Many show neglect in pruning and spraying. The general lack of tillage has resulted in feeble wood growth and lack of growth vigor. As a result the fruit produced is small, poor in color and in quality. Many of these orchards are considered by the owners as unprofitable as fruit producers but value for shade and wood lots. They remind one of the old New England hillside orchards which now and then produced a crop of apples of small value. There has been considerable interest taken in these orchards during the last few years and several have been renovated and restored to profitable production.

It should not be inferred from the above that all the apple orchards in this district are neglected and unprofitable. There are many first class orchards that compare favorably with commercial orchards in any fruit-growing section. These orchards are however, in the hands of real fruit growers whose main business is to grow fruit. The poorer orchards are as a rule owned by men with whom fruit growing is only a side line, to be neglected when attention is needed in other lines. It is safe to state that most of the apple orchards in the district would be profitable if given the proper care and attention.

### **CONDITIONS OF THE CHERRY ORCHARDS**

The cherry orchards in this district are, with very few exceptions, under the clean culture system of tillage, and this system has thus far proved a success. However, the injurious effect of continuous clean culture is apparent in some of the older orchards and the growers should take steps to supply both humus and fertilizers if profitable crops are to be obtained. While it is true that cherries do better in a soil of medium fertility and with a relatively small amount of humus in the soil, the scarcity or absence of either, results not only in decreased production, but also in shortening the life of the trees.

The most important problem of the cherry growers is that of soil fertility. Where barnyard manures are obtainable either from livestock kept on the place or from the feed yards, they undoubtedly are the cheapest and most valuable to the orchards. If not obtainable without excessive cost, cover crops of some kind should be planted between the trees. After the crop is harvested, biennial or perennial crops such as rye or red clover are best. To secure

a stand of the cover crop it is necessary to irrigate as otherwise it will take away the needed fall and winter moisture from the trees. The cover crop should be plowed under in the late spring and the land kept in clean cultivation during the summer.

Whenever possible the cherry orchards should be irrigated late in the fall after the leaves have fallen. This will help prevent winter-killing of the trees. The winter-killing in northern Colorado is in most cases not due to low temperature but the drying of the wood from lack of moisture. The average life of a sour cherry orchard can be increased 25 per cent by proper fertilization and irrigation.

### *CONDITIONS OF THE PLUM ORCHARDS*

There are only a few commercial plum orchards in the district, though practically every orchard has a few trees for home use. The principle commercial varieties grown are Sunset, German Prune and the Lombard. The native or American group is represented with a long list of varieties such as Forest Garden, De Sota, Wolf, Quaker, Stoddard, Wyant and Surprise. Many European varieties such as Damson, Green Gage, Hungarian, Italian and French Prunes are found growing in favorable locations.

The American or native plums have been found most profitable. The European varieties are short lived and are also subject to winter-killing. It is only in the few commercial orchards that the plum trees receive any attention in the cultivation, fertilization and pruning. The trees are usually looked upon as a side line and as a supply for the family.

### *MARKET*

The northeastern district is in a favorable position in regard to market and prices obtained for the fruit. A larger per cent of the crop is sold at home and in the large adjacent territory where practically no fruits are grown. Only a few of the larger growers ship their fruits to distant markets. The cherry crop is disposed of to local customers and to canning companies, about half and half. The competition between different canning companies and the large home market has kept the price up to a reasonable level.

### *FUTURE OUTLOOK FOR FRUIT INDUSTRY IN THE DISTRICT*

The future for the sour cherry industry is very promising. Considerable territory is available for expansion and there is little or no danger from over production. The high quality of the

fruit and the productiveness of the trees make it a fairly safe investment.

The outlook for the apple industry is perhaps less promising. Suitable locations are fewer and the range of commercial varieties that can be grown successfully is limited. The standard early varieties can be grown to perfection, but most of the higher grades of winter varieties do not attain their full size and color, due to the short season and relatively low summer temperature. It is only on the most favorable sites that high grade winter apples can be grown.

The planting of apples should be limited to favorable locations, and development beyond the need for home market should not be encouraged.

### *CLIMATOLOGICAL DATA*

The climate of the northeastern fruit district of Colorado is fairly uniform and may for all practical purposes be called the same thruout. The small local differences are due either to the proximity to the mountains or to the topography of the land. The narrow valleys are invariably warmer and often escape late-spring and early-fall frosts. Localities so situated are usually the best sites for orchards.

A study of the accompanying data on climate for the district taken from the records of the U. S. Weather Bureau Station at the Agricultural College indicates that on the whole the district, so far as climate is concerned, is favorable to fruit growing. The unfavorable factors appear to be occasional warm weather in the spring preceding the date of the last killing frost, resulting in injury to the fruit blossoms, and relatively low temperature which prevents the proper development of varieties which require a high temperature and a longer season for their proper development.

I. Precipitation in northeastern Colorado in the region drained by the tributaries of the Missouri River in Colorado.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Fort Collins	0.43	0.62	1.01	2.13	2.89	1.58	1.91	1.20	1.29	1.06	0.41	0.45	14.98
La Porte	0.35	0.73	1.13	2.19	2.96	1.53	1.83	1.34	1.30	1.14	0.46	0.52	15.47

Fort Collins, Larimer County, Colorado—Elevation 4,985 feet.

La Porte, Larimer County, Colorado—Elevation 5,069 feet.

II. Average Monthly and Annual Snowfall.

Length of Record (Years)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Fort Collins 22	2.7	8.7	9.4	5.5	1.5	0	0	0	0.2	2.4	3.5	6.2	40.1

III. Average Number of Rainy Days.

Length of Record (Years)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Fort Collins 21	3	6	7	8	11	9	9	8	6	4	3	4	78

IV. Mean Temperatures.

Length of Record (Years)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Fort Collins 36	26.5	26.4	35.8	45.8	54.5	63.6	68.3	67.8	59.3	48.0	35.7	28.4	46.7

V. Mean Maximum Temperatures.

Length of Record (Years)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Fort Collins 21	42.0	41.1	49.1	59.9	67.8	77.6	82.5	83.6	75.3	64.2	52.0	41.7	61.4

VI. Mean Minimum Temperatures.

Length of Record (Years)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Fort Collins 21	12.4	12.0	21.7	31.5	40.2	47.9	62.6	51.6	42.8	31.8	21.0	12.8	31.5

VII. Highest Temperatures.

Length of Record (Years)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Fort Collins 20	68	69	80	86	88	97	100	100	95	87	76	66	100

VIII. Lowest Temperatures.

Length of Record (Years)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Fort Collins 21	-31	-38	-25	5	19	33	36	32	22	-8	-12	-31	-38

IX. Frost Data.

Length of Record (Years)	Average date of first killing frost in autumn.	Average date of last killing frost in spring.	Earliest date of killing frost in autumn.	Latest date of killing frost in spring.
Fort Collins	Sept. 26	May 5	Sept. 7	May 21

Station in the grounds of the Agricultural College, 4 mi les east of the foothills of main Rocky Mountain range. Toward the north, east, and south, country is flat.



**ORCHARD SURVEY OF LARIMER COUNTY**

**Number of Orchards in Larimer County**

Berthoud . . . . .	3
Loveland . . . . .	55
Fort Collins . . . . .	44
La Porte . . . . .	19

Total . . . . . 121

**Number of Apple Trees in Each Orchard District**

Berthoud . . . . .	601
Loveland . . . . .	22,581
Fort Collins . . . . .	19,513
La Porte . . . . .	8,884

Total . . . . . 51,579

**Number of Cherry Trees in Each Orchard District**

Berthoud . . . . .	475
Loveland . . . . .	67,972
Fort Collins . . . . .	35,107
La Porte . . . . .	1,440

Total . . . . . 104,994

**Number of Pear Trees in Each Orchard District**

Berthoud . . . . .	..
Loveland . . . . .	..
Fort Collins . . . . .	100
La Porte . . . . .	..

Total . . . . . 100

**Number of Plum Trees in Each Orchard District**

Berthoud . . . . .	..
Loveland . . . . .	30
Fort Collins . . . . .	1,660
La Porte . . . . .	230

Total . . . . . 1,920

**Summary**

No. of apple trees in Larimer County . . . . .	51,579
No. of cherry trees in Larimer County . . . . .	104,994
No. of pear trees in Larimer County . . . . .	100
No. of plum trees in Larimer County . . . . .	1,920

Grand Total . . . . . 158,593

**Number and Varieties of Apple Trees in Larimer County**

1. Banana . . . . .	12
2. Beach . . . . .	100
3. Ben Davis . . . . .	12,811
4. Buckingham . . . . .	207

5. Collins . . . . .	100
6. Colorado . . . . .	3
7. Delicious . . . . .	2,986
8. Early Harvest . . . . .	185
9. Fameuse . . . . .	34
10. Flora Bell . . . . .	10
11. Gano . . . . .	2,103
12. Gravenstein . . . . .	65
13. Grimes . . . . .	408
14. Haas . . . . .	269
15. Hunter Pippin . . . . .	25
16. Iowa Blush . . . . .	26
17. Jefferis . . . . .	12
18. Jonathan . . . . .	8,172
19. King David . . . . .	42
20. Lawver . . . . .	215
21. Mc Afee . . . . .	15
22. McIntosh . . . . .	330
23. Maiden Blush . . . . .	493
24. Missouri . . . . .	50
25. Northern Spy . . . . .	398
26. Northwestern Greening . . . . .	1,341
27. Oldenburg . . . . .	1,573
28. Paragon . . . . .	1,121
29. Plumb Cider . . . . .	335
30. Pumpkin Sweet . . . . .	25
31. Ralls . . . . .	413
32. Rambo . . . . .	340
33. Red Astrachan . . . . .	237
34. Red June . . . . .	168
35. Rhode Island . . . . .	190
36. Romanite . . . . .	7
37. Rome . . . . .	516
38. Russet . . . . .	51
39. Salome . . . . .	10
40. Scott Winter . . . . .	3
41. Shackelford . . . . .	240
42. Sheriff . . . . .	1,786
43. Stayman Winesap . . . . .	429
44. Sweet Winter . . . . .	50
45. Tolman . . . . .	37
46. Utter . . . . .	336
47. Wagener . . . . .	105
48. Walbridge . . . . .	1,513
49. Wealthy . . . . .	5,140
50. White Pearmain . . . . .	55
51. Whitney (crab) . . . . .	692
52. Willow . . . . .	23
53. Winesap . . . . .	2,650
54. Winter Pippin . . . . .	175
55. Wolf River . . . . .	99
56. Yellow Bellflower . . . . .	140
57. Yellow Transparent . . . . .	2,551
58. York Imperial . . . . .	117
Unknown . . . . .	40

Total . . . . . 51,579

**NUMBER AND VARIETIES OF APPLE TREES GROWN IN LARIMER  
COUNTY AND THEIR DISTRIBUTION**

Variety	Berthoud	Loveland	Ft. Collins	La Porte	Total
1. Banana . . . . .	12				12
2. Beach . . . . .			100		100
3. Ben Davis . . . . .	90	5,190	4,835	2,696	12,811
4. Buckingham . . . . .		207			207
5. Collins . . . . .			100		100
6. Colorado . . . . .		3			3
7. Delicious . . . . .	37	1,275	1,517	157	2,986
8. Early Harvest . . . . .		185			185
9. Fameuse . . . . .		1	6	27	34
10. Flora Belle . . . . .		10			10
11. Gano . . . . .		1,316	635	152	2,103
12. Gravenstein . . . . .		40	25		65
13. Grimes . . . . .		336	52	20	408
14. Haas . . . . .		85	69	115	269
15. Hunter Pippin . . . . .		25			25
16. Iowa Blush . . . . .				26	26
17. Jefferis . . . . .				12	12
18. Jonathan . . . . .	265	4,032	2,745	1,130	8,172
19. King David . . . . .		42			42
20. Lawver . . . . .		55		160	215
21. Mc Afee . . . . .		15			15
22. McIntosh . . . . .		100	220	10	339
23. Maiden Blush . . . . .		456	35	2	493
24. Missouri . . . . .			50		50
25. Northern Spy . . . . .		210	188		398
26. Northwestern Greening . . . . .	32	277	725	307	1,341
27. Oldenburg . . . . .		768	429	376	1,573
28. Paragon . . . . .		567	554		1,121
29. Plumb Cider . . . . .		90	35	210	335
30. Pumpkin Sweet . . . . .	25				25
31. Ralls . . . . .		85	255	73	413
32. Rambo . . . . .		340			340
33. Red Astrachan . . . . .	18	37	85	97	237
34. Red June . . . . .		76	80	12	168
35. Rhode Island . . . . .		150	40		190
36. Romanite . . . . .		7			7
37. Rome . . . . .		246	270		516
38. Russet . . . . .		48		3	51
39. Salome . . . . .		10			10
40. Scott Winter . . . . .				3	3
41. Shackelford . . . . .		240			240
42. Sheriff . . . . .	25	735	861	165	1,786
43. Staymen Winesap . . . . .		279		150	429
44. Sweet Winter . . . . .			50		50
45. Tolman . . . . .		25	12		37
46. Utter . . . . .	12	60	122	142	336
47. Wagener . . . . .		55		50	105
48. Walbridge . . . . .		675	528	310	1,513
49. Wealthy . . . . .	30	1,515	2,076	1,519	5,140
50. White Pearmain . . . . .		40		15	55
51. Whitney (crab) . . . . .		211	272	209	692
52. Willow . . . . .			23		23
53. Winesap . . . . .	15	1,158	1,383	94	2,650
54. Winter Pippin . . . . .		25	150		175
55. Wolf River . . . . .		39	53	7	99

ORCHARD SURVEY OF NORTHEASTERN COLORADO

56. Yellow Bellflower . . . . .		90	50		140
57. Yellow Transparent . . . . .	40	1,140	836	535	2,551
58. York Imperial . . . . .		10	7	100	117
Unknown . . . . .			40		40
Totals . . . . .	601	22,581	19,513	8,884	51,579

DISTRIBUTION, ACREAGE, TREES, AGE AND CONDITION

	Berthoud.	Loveland.	Ft. Collins.	La Porte.	Summary
No. acres . . . . .	6½	262½	218	102½	589½
No. trees . . . . .	601	22,581	19,513	8,884	51,579
Age 1-8 years . . . . .		900	3,085	1,300	5,285
Age 8-12 years . . . . .		5,244	2,326	538	8,108
Age 12-40 years . . . . .	601	16,437	14,102	7,046	38,186
Fair Condition . . . . .	1	28	14	8	
Good Condition . . . . .	1	11	11	9	
Poor Condition . . . . .		3	8	2	

CONDITION OF ORCHARDS: Good 32; Fair 51; Poor 13.

NUMBER AND VARIETIES OF CHERRY TREES IN LARIMER COUNTY

1. Early Richmond . . . . .	15,152
2. English Morello . . . . .	25,529
3. Montmorency . . . . .	61,516
4. Ostheim . . . . .	1,262
5. Ox Heart . . . . .	4
6. Warner . . . . .	250
7. Wragg . . . . .	1,281

Total . . . . . 104,994

NUMBER AND VARIETIES OF CHERRY TREES GROWN IN LARIMER COUNTY AND THEIR DISTRIBUTION

Variety.	Berthoud.	Loveland.	Ft. Collins.	La Porte.	Totals
1. Early Richmond . . . . .	225	12,316	2,406	205	15,152
2. English Morello . . . . .	125	15,810	9,367	227	25,529
3. Montmorency . . . . .	100	37,086	23,322	1,008	61,516
4. Ostheim . . . . .		1,250	12		1,262
5. Ox Heart . . . . .		4			4
6. Warner . . . . .		250			250
7. Wragg . . . . .	25	1,256			1,281
Totals . . . . .	475	67,972	35,107	1,440	104,994

DISTRIBUTION, ACREAGE, TREES, AGE AND CONDITION

	Berthoud.	Loveland.	Ft. Collins.	La Porte.	Summary
No. acres . . . . .	3½	525¼	237	14½	780.25
No. trees . . . . .	475	67,972	35,107	1,440	104,994
Age 1-8 years . . . . .		31,788	27,779	180	59,747
Age 8-12 years . . . . .		25,365	2,477	395	28,237
Age 12-40 years . . . . .	475	10,819	4,851	865	17,010
Fair Condition . . . . .	2	21	14	6	
Good Condition . . . . .		17	13	2	
Poor Condition . . . . .		2	4	2	

CONDITION OF ORCHARDS. Good, 32; Fair, 41; Poor, 8.

NUMBER AND VARIETIES OF PEAR TREES IN LARIMER COUNTY

1. Bartlett . . . . .	100
Total . . . . .	100

**NUMBER AND VARIETIES OF PEAR TREES GROWN IN LARIMER COUNTY AND THEIR DISTRIBUTION**

Variety.	Berthoud.	Loveland.	Ft. Collins.	La Porte.	Totals
Bartlett . . . . .			100		100
<b>Total</b> . . . . .			100		100

**DISTRIBUTION, ACREAGE, TREES, AGE AND CONDITION**

	Berthoud.	Loveland.	Ft. Collins.	La Porte.	Summary
No. acres . . . . .			1		1
No. trees . . . . .			100		100
Age 1-8 years . . . . .					
Age 8-12 years . . . . .					
Age 12-40 years . . . . .			100		100
Fair Condition . . . . .			1		
Good Condition . . . . .					
Poor Condition . . . . .					

CONDITION OF ORCHARDS: Good 1.

**Number and Varieties of Plum Trees in Larimer County**

1. Abundance . . . . .	15	8. Reine Claude . . . . .	170
2. Damson . . . . .	125	9. Scioto . . . . .	50
3. De Soto . . . . .	50	10. Sunset . . . . .	125
4. Italian Prune . . . . .	100	11. Weaver . . . . .	325
5. Lombard . . . . .	200	12. Wolf . . . . .	225
6. Miner . . . . .	60	13. Wyant . . . . .	245
7. Peach . . . . .	125	14. Yellow Egg . . . . .	40
		Unknown . . . . .	5
		<b>Total</b> . . . . .	<b>1,920</b>

**NUMBER AND VARIETIES OF PLUM TREES GROWN IN LARIMER COUNTY AND THEIR DISTRIBUTION**

Variety.	Berthoud.	Loveland.	Ft. Collins.	La Porte.	Totals
1. Abundance . . . . .		15			15
2. Damson . . . . .			125		125
3. De Soto . . . . .			50		50
4. Italian Prune . . . . .			100		100
5. Lombard . . . . .			175	85	260
6. Miner . . . . .				60	60
7. Peach . . . . .			125		125
8. Reine Claude . . . . .			125	45	170
9. Scioto . . . . .			50		50
10. Sunset . . . . .			125		125
11. Weaver . . . . .			325		325
12. Wolf . . . . .			225		225
13. Wyant . . . . .		10	235		245
14. Yellow Egg . . . . .				40	40
Unknown . . . . .		5			5
<b>Totals</b> . . . . .		30	1,660	230	1,920

**DISTRIBUTION, ACREAGE, TREES, AGE AND CONDITION**

	Berthoud.	Loveland.	Ft. Collins.	La Porte.	Summary
No. acres . . . . .			11½	2	13½
No. trees . . . . .		30	1,660	230	1,920
Age 1-8 years . . . . .			1,310		1,310
Age 8-12 years . . . . .		30	250		280
Age 12-40 years . . . . .			100	230	330
Fair Condition . . . . .		1	3	2	
Good Condition . . . . .			2		
Poor Condition . . . . .					

CONDITION OF ORCHARDS: Good, 2; Fair, 6; Poor, 0.

**TABLE I—NUMBER OF FRUIT TREES IN EACH DISTRICT**

District.	Apples.	Cherries.	Pears.	Plums.	Dist.	Tot's
Berthoud . . . . .	601	475	....	....		1,076
Loveland . . . . .	22,581	67,972	....	30		90,583
Fort Collins . . . . .	19,513	35,107	100	1,660		56,380
La Porte . . . . .	8,884	1,440	....	230		10,554
Entire County . . . . .	51,579	104,994	100	1,920		158,593

**TABLE II—NUMBER OF ACRES OF ORCHARDS OF EACH FRUIT FOR EACH DISTRICT IN ENTIRE COUNTY**

	Berthoud.	Loveland.	Ft. Collins.	La Porte.	Entire Co.
Apples . . . . .	6½	262½	218	102½	589½
Cherries . . . . .	3½	525¼	237	14½	780¼
Pears . . . . .	....	....	1	....	1
Plums . . . . .	....	....	11½	2	13½
Totals, all fruits . . . . .	10	787¾	467½	119	1,384¼

**TABLE III—SIX PRINCIPAL VARIETIES OF APPLES, SHOWING PERCENTAGES GROWN IN EACH DISTRICT AND IN ENTIRE COUNTY**

Variety	Berthoud.	Loveland.	Ft. Collins.	La Porte.	Entire Co.
Ben Davis . . . . .	15.0	23.0	24.6	30.3	24.8
Jonathan . . . . .	43.3	17.6	13.8	12.3	15.9
Wealthy . . . . .	5.0	6.6	10.7	16.8	9.8
Delicious . . . . .	6.6	5.7	7.6	1.8	5.8
Winesap . . . . .	2.5	5.3	7.1	1.0	5.2
Yellow Transparent . . . . .	4.1	5.2	4.1	6.1	4.9
All others (52 varieties) . . . . .	23.5	36.6	32.1	31.7	33.6
Totals . . . . .	100.0	100.0	100.0	100.0	100.0

**TABLE IV—SIX PRINCIPAL VARIETIES OF CHERRIES, SHOWING PERCENTAGES GROWN IN EACH DISTRICT AND IN ENTIRE COUNTY**

Variety	Berthoud.	Loveland.	Ft. Collins.	La Porte.	Entire Co.
Montmorency . . . . .	20.8	54.5	66.3	68.9	58.5
English Morello . . . . .	27.1	23.2	26.7	15.8	24.2
Early Richmond . . . . .	47.9	18.1	6.8	15.3	14.4
Wragg . . . . .	4.2	1.8	....	....	1.2
Ostheim . . . . .	....	1.7	....	....	1.1
Warner . . . . .	....	0.3	....	....	0.2
All others (1 variety) . . . . .	....	0.7	0.2	....	0.4
Totals . . . . .	100.0	100.0	100.0	100.0	100.0

**TABLE V—NUMBER OF APPLE TREES OF EACH DISTRICT AND OF ENTIRE COUNTY BY AGE CLASS**

Age Class.	Berthoud.	Loveland.	Ft. Collins.	La Porte.	Entire Co.
1-8 years . . . . .	....	900	3,085	1,300	5,285
8-12 years . . . . .	....	5,244	2,326	538	8,108
12-40 years . . . . .	601	16,437	14,102	7,046	38,186
Totals . . . . .	601	22,581	19,513	8,884	51,579

**GRAND TOTALS—LARIMER COUNTY**

Number of acres in fruit trees . . . . .	1,394.75
Number of fruit trees of all kinds . . . . .	156,143
Number of orchards . . . . .	121
Distribution of trees by age class—	
Age 1-8 years . . . . .	66,342
Age 8-12 years . . . . .	36,625
Age 12-40 years . . . . .	55,626

## Condition of Orchards—

Good . . . . .	35
Fair . . . . .	64
Poor . . . . .	22

Total . . . . . 121

**CROPS GROWN IN THE ORCHARDS—LARIMER COUNTY**

	Bar- ley	Clean Culti- tion	Sod	Corn	Rye	Truck	Or- chard grass	Sweet Clover	Oats	Al- falga
Berthoud . . . . .	1	1	1	1	..	..	..	..	..	..
Loveland . . . . .	26	10	..	..	..	4	10	2	1	2
Fort Collins . . . . .	1	18	6	1	1	..	9	3	1	4
La Porte . . . . .	4	..	..	..	..	5	5	3	..	2
Totals . . . . .	1	49	17	2	1	9	24	8	2	8

**ORCHARD SURVEY OF BOULDER COUNTY****Number of Orchards in Boulder  
County**

Boulder . . . . .	6
Longmont . . . . .	3
Lyons . . . . .	3
Total . . . . .	12

**Number of Apple Trees in Each Or-  
chard District**

Boulder . . . . .	1,971
Longmont . . . . .	2,925
Lyons . . . . .	740
Total trees . . . . .	5,636

**Number of Cherry Trees in Each  
Orchard District**

Boulder . . . . .	55
Longmont . . . . .	175
Lyons . . . . .	..
Total trees . . . . .	230

**Summary**

No. of Apple Trees in Boulder County . . . . .	5,636
No. of Cherry Trees in Boul- der County . . . . .	230
Grand Total . . . . .	5,866

**Number and Varieties of Apple  
Trees in Boulder County**

1. Arkansas Black . . . . .	115
2. Ben Davis . . . . .	1,224
3. Black Bellflower . . . . .	103
4. Black Twig . . . . .	78
5. Chenango . . . . .	9
6. Delicious . . . . .	430
7. Early Harvest . . . . .	19
8. Fameuse . . . . .	5
9. Gano . . . . .	183
10. Grimes . . . . .	20
11. Haas . . . . .	12
12. Jonathan . . . . .	955
13. King . . . . .	10
14. King David . . . . .	100
15. Maiden Blush . . . . .	15
16. McIntosh . . . . .	20
17. McMahan . . . . .	6
18. Missouri . . . . .	80
19. Northern Spy . . . . .	55
20. Northwestern Greening . . . . .	40
21. Oldenburg . . . . .	104
22. Plumb Cider . . . . .	35
23. Ralls . . . . .	100
24. Rambo . . . . .	10
25. Red Astrachan . . . . .	4
26. Red June . . . . .	35
27. Rome . . . . .	200
28. Russet . . . . .	15
29. Stayman Winesap . . . . .	300
30. Utter . . . . .	5
31. Walbridge . . . . .	41
32. Wealthy . . . . .	668
33. Whitney (crab) . . . . .	32
34. Winesap . . . . .	438
35. Wolf River . . . . .	10
36. Yellow Transparent . . . . .	160

Total . . . . . 5,636

**NUMBER AND VARIETIES OF APPLE TREES GROWN IN BOULDER COUNTY AND THEIR DISTRIBUTION**

Variety	Boulder	Longmont	Lyons	Totals
1. Arkansas Black		115	....	115
2. Ben Davis	399	620	205	1,224
3. Black Bellflower	3	100	....	103
4. Black Twig	....	20	58	78
5. Chenango	9	....	....	9
6. Delicious	30	400	....	430
7. Early Harvest	4	....	15	19
8. Fameuse	5	....	....	5
9. Gano	140	....	43	183
10. Grimes	20	....	....	20
11. Haas	12	....	....	12
12. Jonathan	591	345	19	955
13. King	....	....	10	10
14. King David	....	100	....	100
15. Maiden Blush	....	....	15	15
16. McIntosh	....	20	....	20
17. McMahan	6	....	....	6
18. Missouri	30	....	50	80
19. Northern Spy	55	....	....	55
20. Northwestern Greening	10	10	20	40
21. Oldenburg	80	....	24	104
22. Plumb Cider	35	....	....	35
23. Ralls	....	100	....	100
24. Rambo	....	....	10	10
25. Red Astrachan	4	....	....	4
26. Red June	35	....	....	35
27. Rome	....	200	....	200
28. Russet	....	....	15	15
29. Stayman Winesap	....	300	....	300
30. Utter	5	....	....	5
31. Walbridge	6	10	25	41
32. Wealthy	278	350	40	668
33. Whitney (crab)	17	....	15	32
34. Winesap	58	220	160	438
35. Wolf River	....	....	10	10
36. Yellow Transparent	139	15	6	160
<b>Totals</b>	<b>1,971</b>	<b>2,925</b>	<b>740</b>	<b>5,636</b>

**DISTRIBUTION, ACREAGE, TREES, AGE AND CONDITION**

	Boulder	Longmont	Lyons	Summary
No. Acres	29	35.5	12.5	77
No. Trees	1,971	2,925	740	5,636
Age 1-8 years	....	....	....	....
Age 8-12 years	....	1,325	....	1,325
Age 12-40 years	1,971	1,600	740	4,311
Fair Condition	2	2	2	....
Good Condition	3	1	1	....
Poor Condition	1	....	....	....

CONDITION OF ORCHARDS: Good, 5; Fair, 6; Poor, 1.

**NUMBER AND VARIETIES OF CHERRY TREES IN BOULDER COUNTY**

1. Early Richmond	50
2. English Morello	55
3. Montmorency	125

Total . . . . . 230

**NUMBER AND VARIETIES OF CHERRY TREES GROWN IN BOULDER  
COUNTY AND THEIR DISTRIBUTION**

Variety	Boulder	Longmont	Lyons	Totals
1. Early Richmond . . . . .		50	....	50
2. English Morello . . . . .	30	25	....	55
3. Montmorency , . . . .	25	100	....	125
Totals . . . . .	55	175	....	230

**DISTRIBUTION, ACREAGE, TREES, AGE AND CONDITION**

	Boulder	Longmont	Lyons	Summary
No. Acres . . . . .	0.5	1.5	....	2
No. Trees . . . . .	55	175	....	230
Age 1-8 years . . . . .		150	....	150
Age 8-12 years . . . . .		25	....	25
Age 12-40 years . . . . .	55	....	....	55
Fair Condition . . . . .		2	....	
Good Condition . . . . .	1	....	....	
Poor Condition . . . . .		....	....	

CONDITION OF ORCHARDS: Good Condition, 1; Fair Condition, 2; Poor Condition, 0.

**TABLE I—NUMBER OF FRUIT TREES IN EACH DISTRICT**

District	Apples	Cherries	Dist. Totals
Boulder . . . . .	1,971	55	2,026
Longmont . . . . .	2,925	175	3,100
Lyons . . . . .	740	....	740
Entire County . . . . .	5,636	230	5,866

**TABLE I-a—DISTRIBUTION (IN PERCENTAGES) OF TOTAL NUMBER OF  
TREES OF EACH FRUIT IN ENTIRE COUNTY BY DISTRICTS**

District	Apples	Cherries	Entire Co.
Boulder . . . . .	35.1	21.7	34.5
Longmont . . . . .	52.6	78.3	51.7
Lyons . . . . .	12.3	....	13.8
Entire County . . . . .	100.0	100.0	100.0

**TABLE I-b—SHOWING RATIO (IN PERCENTAGES) EACH FRUIT BEARS  
TO THE TOTAL NUMBER OF ALL FRUIT TREES FOR EACH DISTRICT**

District	Apples	Cherries	Entire Co.
Boulder . . . . .	97.5	2.5	100.0
Longmont . . . . .	94.2	5.8	100.0
Lyons . . . . .	100.0	....	100.0
Entire County . . . . .	96.5	3.5	100.0

**TABLE II—NUMBER OF ACRES OF EACH FRUIT FOR EACH DISTRICT IN  
ENTIRE COUNTY**

	Boulder	Longmont	Lyons	Entire Co.
Apples . . . . .	29	35.5	12.5	77
Cherries . . . . .	0.5	1.5	....	2
Totals, all Fruits . . . . .	29.5	37.0	12.5	79

**TABLE II-a—NUMBER OF ACRES OF EACH FRUIT OF BEARING AGE FOR  
EACH DISTRICT**

	Boulder	Longmont	Lyons	Entire Co.
Apples . . . . .	29	35.5	12.5	77.0
Cherries . . . . .	0.5	0.5	....	1.0
Totals, all fruits . . . . .	29.5	36.0	12.5	78.0



**TABLE III—SIX PRINCIPAL VARIETIES OF APPLES, SHOWING PERCENTAGES GROWN IN EACH DISTRICT AND IN ENTIRE COUNTY**

	Boulder	Longmont	Lyons	Entire Co.
Ben Davis . . . . .	20.1	21.4	27.0	21.6
Jonathan . . . . .	30.1	12.0	2.7	16.8
Wealthy . . . . .	14.0	12.1	5.4	11.9
Winesap . . . . .	3.0	7.6	21.6	7.8
Delicious . . . . .	1.5	13.8	...	7.6
Stayman Winesap . . . . .	...	10.3	...	5.3
All others . . . . .	31.3	22.8	43.3	29.0
Totals . . . . .	100.0	100.0	100.0	100.0

**TABLE IV—NUMBER OF APPLE TREES OF EACH DISTRICT AND OF ENTIRE COUNTY BY AGE CLASS**

Age Class	Boulder	Longmont	Lyons	Entire Co.
1-8 years . . . . .	...	...	...	...
8-12 years . . . . .	...	1,325	...	1,325
12-40 years . . . . .	1,971	1,600	740	4,311
Totals . . . . .	1,971	2,925	740	5,636

**TABLE IV-a—PERCENTAGE OF APPLE TREES OF EACH DISTRICT WITH RESPECT TO AGE**

Age Class	Boulder	Longmont	Lyons	Entire Co.
1-8 years . . . . .	...	...	...	...
8-12 years . . . . .	...	44.8	...	23.2
12-40 years . . . . .	100.0	55.2	100.0	76.8
Totals . . . . .	100.0	100.0	100.0	100.0

**GRAND TOTALS—BOULDER COUNTY**

Number of acres in fruit trees.....	79
Number of fruit trees of all kinds.....	5,866
Number of orchards.....	12

**DISTRIBUTION OF TREES BY AGE CLASS**

Age 1-8 years . . . . .	150
Age 8-12 years . . . . .	1,350
Age 12-40 years . . . . .	4,366

**CONDITION OF ORCHARDS**

Fair . . . . .	6
Good . . . . .	5
Poor . . . . .	1
Total . . . . .	12

**CROPS GROWN IN THE ORCHARD—BOULDER COUNTY**

	Orchard Grass	Clean Cultivation	Truck
Boulder . . . . .	3	1	2
Longmont . . . . .	2	1	.
Lyons . . . . .	2	1	.
Totals . . . . .	7	3	2

ORCHARD SURVEY OF JEFFERSON COUNTY

Number of Orchards in Jefferson County

Arvada . . . . .	6
Edgewater . . . . .	13
Golden . . . . .	30
Wheatridge . . . . .	20
<hr/>	
Total . . . . .	69

Number of Apple Trees in Each Orchard District

Arvada . . . . .	1,950
Edgewater . . . . .	5,295
Golden . . . . .	10,563
Wheatridge . . . . .	11,753

Number of Cherry Trees in Each Orchard District

Arvada . . . . .	1,550
Edgewater . . . . .	2,500
Golden . . . . .	10,414
Wheatridge . . . . .	5,900
<hr/>	
Total . . . . .	20,364

Number of Plum Trees in Each Orchard District

Arvada . . . . .	250
Edgewater . . . . .	1,000
Golden . . . . .	150
Wheatridge . . . . .	625
<hr/>	
Total . . . . .	2,025

Summary

Number of apple trees in Jefferson County . . . . .	29,561
Number of cherry trees in Jefferson County . . . . .	20,364
Number of plum trees in Jefferson County . . . . .	2,025
<hr/>	
Total trees . . . . .	51,950

Number and Varieties of Apple Trees in Jefferson County

1. Alexander . . . . .	50
2. Baldwin . . . . .	20
3. Banana . . . . .	15
4. Ben Davis . . . . .	7,563
5. Benoni . . . . .	5
6. Black Bellflower . . . . .	240
7. Black Twig . . . . .	665
8. Canada Pippin . . . . .	500
9. Chenango . . . . .	280
10. Cooper . . . . .	25
11. Delicious . . . . .	706
12. Early Harvest . . . . .	42
13. Fameuse . . . . .	42
14. Gano . . . . .	987
15. Gravenstein . . . . .	20
16. Grimes . . . . .	30
17. Haas . . . . .	15
18. Jonathan . . . . .	2,148
19. King David . . . . .	50
20. Maiden Blush . . . . .	45
21. McIntosh . . . . .	25
22. Missouri . . . . .	175
23. Newton Spitzenburg . . . . .	25
24. Northern Spy . . . . .	478
25. Northwestern Greening . . . . .	593
26. Oldenburg . . . . .	1,055
27. Paragon . . . . .	25
28. Plumb Cider . . . . .	50
29. Pimate . . . . .	25
30. Ralls . . . . .	732
31. Rambo . . . . .	115
32. Red Astrachan . . . . .	221
33. Red June . . . . .	55
34. Rhode Island . . . . .	50
35. Rome . . . . .	524
36. Russet . . . . .	43
37. Shackelford . . . . .	1,575
38. Spine . . . . .	25
39. Tolman . . . . .	870
40. Wagener . . . . .	10
41. Walbridgo . . . . .	1,211
42. Wealthy . . . . .	4,165
43. White Pearmain . . . . .	10
44. Whitney (crab) . . . . .	141
45. Winesap . . . . .	2,448
46. Wolf River . . . . .	205
47. Yellow Bellflower . . . . .	60
48. Yellow Transparent . . . . .	1,280
49. York Imperial . . . . .	102
<hr/>	
Total . . . . .	29,741

**NUMBER AND VARIETIES OF APPLE TREES GROWN IN JEFFERSON  
COUNTY AND THEIR DISTRIBUTION**

Variety.	Arvada.	Edgewater.	Golden.	Wheatridge.	Totals
1. Alexander . . . . .				50	50
2. Baldwin . . . . .				20	20
3. Banana . . . . .				15	15
4. Ben Davis . . . . .	735	1,790	2,336	2,702	7,563
5. Benoni . . . . .				5	5
6. Black Bellflower . . . . .			240		240
7. Black Twig . . . . .	75		190	400	665
8. Canada Pippin . . . . .				500	500
9. Chenango . . . . .	60		220		280
10. Cooper . . . . .	25				25
11. Delicious . . . . .	50		381	275	706
12. Early Harvest . . . . .		14		28	42
13. Fameuse . . . . .		25		17	42
14. Gano . . . . .		200	562	225	987
15. Gravenstein . . . . .	20				20
16. Grimes . . . . .		25	5		30
17. Haas . . . . .			15		15
18. Jonathan . . . . .	75	342	1,083	648	2,148
19. King David . . . . .				50	50
20. Maiden Blush . . . . .	20		25		45
21. McIntosh . . . . .		25			25
22. Missouri . . . . .	25		150		175
23. Newton Spitzenburg . . . . .		25			25
24. Northern Spv . . . . .		171	107	200	478
25. Northwestern Greening . . . . .	6	238	44	305	593
26. Oldenburg . . . . .	110	42	220	683	1,055
27. Paragon . . . . .				25	25
28. Plumb Cider . . . . .				50	50
29. Primate . . . . .	25				25
30. Ralls . . . . .	106	30	376	220	732
31. Rambo . . . . .			115		115
32. Red Astrachan . . . . .	60	75	6	80	221
33. Red June . . . . .			50	5	55
34. Rhode Island . . . . .				50	50
35. Rome . . . . .		370	150	4	524
36. Russet . . . . .				43	43
37. Shackelford . . . . .			500	1,075	1,575
38. Spine . . . . .		25			25
39. Tolman . . . . .		325	500	45	870
40. Wagener . . . . .				10	10
41. Walbridge . . . . .	25	214	350	622	1,211
42. Wealthy . . . . .	185	900	1,659	1,421	4,165
43. White Pearmain . . . . .				10	10
44. Whitney (crab) . . . . .	64	10	36	31	141
45. Winesap . . . . .	169	318	956	1,005	2,448
46. Wolf River . . . . .	25	16	162	2	205
47. Yellow Bellflower . . . . .			40	20	60
48. Yellow Transparent . . . . .	90	115	265	810	1,280
49. York Imperial . . . . .				102	102
<b>Totals . . . . .</b>	<b>1,950</b>	<b>5,295</b>	<b>10,743</b>	<b>11,753</b>	<b>29,741</b>

**DISTRIBUTION, ACREAGE, TREES, AND CONDITION**

	Arvada.	Edgewater.	Golden.	Wheatridge.	Summary
No. acres . . . . .	25.5	63.5	114.75	132.5	336.25
No. trees . . . . .	1,950	5,295	10,743	11,753	29,741
Age 1-8 years . . . . .	100	....	650	500	1,250
Age 8-12 years . . . . .	100	510	1,816	500	2,926
Age 12-40 years . . . . .	1,750	4,785	8,277	10,753	25,565
Fair Condition . . . . .	2	5	11	10	
Good Condition . . . . .	1	2	8	2	
Poor Condition . . . . .	2	6	5	5	

CONDITION OF ORCHARDS: Good, 13; Fair, 28; Poor, 18.

**NUMBER AND VARIETIES OF CHERRY TREES IN JEFFERSON COUNTY**

1. Early Richmond . . . . .	3,426
2. English Morello . . . . .	5,735
3. Louis Philippe . . . . .	60
4. Montmorency . . . . .	10,866
5. Suda . . . . .	117
6. Wragg . . . . .	140
Unknown . . . . .	20

Total . . . . . 20,364

**NUMBER AND VARIETIES OF CHERRY TREES GROWN IN JEFFERSON COUNTY AND THEIR DISTRIBUTION**

Variety.	Arvada.	Edgewater.	Golden.	Wheatridge.	Totals
1. Early Richmond . . . . .	30	833	1,130	1,433	3,426
2. English Morello . . . . .	50	834	3,101	1,750	5,735
3. Louis Philippe . . . . .	....	....	60	....	60
4. Montmorency . . . . .	1,410	833	6,103	2,520	10,866
5. Suda . . . . .	50	....	....	67	117
6. Wragg . . . . .	10	....	....	130	140
Unknown . . . . .	....	....	20	....	20
Totals . . . . .	1,550	2,500	10,414	5,900	20,364

**DISTRIBUTION, ACREAGE, TREES, AGE AND CONDITION**

	Arvada.	Edgewater.	Golden.	Wheatridge.	Summary
No. acres . . . . .	10.5	25	94	54.25	183.75
No. trees . . . . .	1,550	2,500	10,414	5,900	20,364
Age 1-8 years . . . . .	....	....	4,300	700	5,000
Age 8-12 years . . . . .	1,550	2,500	4,334	1,825	10,209
Age 12-40 years . . . . .	....	....	1,780	3,375	5,155
Fair Condition . . . . .	....	....	14	6	
Good Condition . . . . .	....	1	5	2	
Poor Condition . . . . .	2	....	4	2	

CONDITION OF ORCHARDS: Good, 8; Fair, 20; Poor, 8.

**NUMBER AND VARIETIES OF PLUM TREES IN JEFFERSON COUNTY**

1. Damson . . . . .	300
2. DeScta . . . . .	25
3. German Prune . . . . .	200
4. Italian Prune . . . . .	290
5. Lombard . . . . .	265
6. Reine Claude . . . . .	290
7. Wild Goose . . . . .	25
8. Wyant . . . . .	310
9. Yellow Egg . . . . .	70
Unknown . . . . .	250

Total . . . . . 2,025

**NUMBER AND VARIETIES OF PLUM TREES GROWN IN JEFFERSON COUNTY AND THEIR DISTRIBUTION**

Variety.	Arvada.	Edgewater.	Golden.	Wheatridge.	Total
1. Danison . . . . .		250	50	....	300
2. De Soto . . . . .		....	....	25	25
3. German Prune . . . . .	80	....	....	120	200
1. Italian Prune . . . . .		250	40	....	290
5. Lombard . . . . .	80	....	40	145	265
6. Reine Claude . . . . .	40	250	....	....	290
7. Wild Goose . . . . .		....	....	25	25
8. Wyant . . . . .		....	....	310	310
9. Yellow Egg . . . . .	50	....	20	....	70
Unknown . . . . .		250	....	....	250
<b>Totals . . . . .</b>	<b>250</b>	<b>1,000</b>	<b>150</b>	<b>625</b>	<b>2,025</b>

**DISTRIBUTION, ACREAGE, TREES, AGE AND CONDITION**

	Arvada	Edgewater.	Golden.	Wheatridge.	Summary
No. acres . . . . .	0.5	10	1.5	7.25	19.25
No. trees . . . . .	250	1,000	150	625	2,025
Age 1-8 years . . . . .	....	....	150	75	225
Age 8-12 years . . . . .	....	1,000	....	....	1,000
Age 12-40 years . . . . .	250	....	....	550	800
Fair Condition . . . . .	1	....	....	1	
Good condition . . . . .	....	1	....	....	
Poor condition . . . . .	....	....	1	2	

CONDITION OF ORCHARDS: Good, 1; Fair, 2; Poor, 3.

**TABLE I—NUMBER OF FRUIT TREES IN EACH DISTRICT**

District	Apples	Cherries	Plums	Dist. Totals
Arvada . . . . .	1,950	1,550	250	3,750
Edgewater . . . . .	5,295	2,500	1,000	8,795
Golden . . . . .	10,743	10,414	150	21,307
Wheatridge . . . . .	11,753	5,900	625	18,278
<b>Entire County . . . . .</b>	<b>29,741</b>	<b>20,364</b>	<b>2,025</b>	<b>52,130</b>

**TABLE I-a—DISTRIBUTION (IN PERCENTAGES) OF TOTAL NUMBER OF TREES OF EACH FRUIT IN ENTIRE COUNTY BY DISTRICTS**

District	Apples	Cherries	Plums	Dist. Totals
Arvada . . . . .	6.4	7.3	12.3	7.1
Edgewater . . . . .	17.6	12.3	49.5	16.7
Golden . . . . .	35.6	51.2	7.4	40.6
Wheatridge . . . . .	40.4	29.2	30.8	35.6
<b>Entire County . . . . .</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

**TABLE I-b—SHOWING RATIO (IN PERCENTAGES) EACH FRUIT BEARS TO THE TOTAL NUMBER OF ALL FRUIT TREES FOR EACH DISTRICT**

District	Apples	Cherries	Plums	Dist. Totals
Arvada . . . . .	51.4	40.5	8.1	100.0
Edgewater . . . . .	59.7	28.7	11.6	100.0
Golden . . . . .	49.8	49.2	1.0	100.0
Wheatridge . . . . .	64.2	32.4	3.4	100.0
<b>Entire County . . . . .</b>	<b>56.8</b>	<b>39.1</b>	<b>4.1</b>	<b>100.0</b>

**TABLE II—NUMBER OF ACRES OF EACH FRUIT FOR EACH DISTRICT IN ENTIRE COUNTY**

	Arvada	Edgewater	Golden	Wheatridge	Entire Co.
Apples . . . . .	25.5	63.5	114.75	132.5	336.25
Cherries . . . . .	10.5	25.0	94.0	54.25	183.75
Plums . . . . .	0.5	10.0	1.5	7.25	19.25
Totals, all fruits.....	36.5	98.5	210.25	194.00	539.25

**TABLE II-a—NUMBER OF ACRES OF EACH FRUIT OF BEARING AGE FOR EACH DISTRICT**

	Arvada	Edgewater	Golden	Wheatridge	Entire Co.
Apples . . . . .	24.1	63.5	108.4	127.3	323.3
Cherries . . . . .	10.5	25.0	84.6	47.6	167.7
Plums . . . . .	0.5	10.0	.....	5.8	16.3
Totals, all fruits.....	35.1	98.5	193.0	180.7	507.3

**TABLE III—SIX PRINCIPAL VARIETIES OF APPLES, SHOWING PERCENTAGES GROWN IN EACH DISTRICT AND IN ENTIRE COUNTY**

Variety	Arvada	Edgewater	Golden	Wheatridge	Entire Co.
Ben Davis . . . . .	37.4	33.8	21.5	23.1	25.2
Wealthy . . . . .	9.2	17.0	14.9	11.9	13.8
Winesap . . . . .	8.2	5.8	8.4	8.5	8.1
Jonathan . . . . .	3.6	6.4	9.3	5.1	7.1
Shackelford . . . . .	.....	.....	4.7	8.5	5.0
Yellow Transparent . . . . .	4.6	2.1	1.9	6.8	4.0
All others . . . . .	37.0	24.9	39.3	36.1	36.8
Totals . . . . .	190.0	100.0	100.0	100.0	100.0

**TABLE IV—SIX PRINCIPAL VARIETIES OF CHERRIES, SHOWING PERCENTAGES GROWN IN EACH DISTRICT AND IN ENTIRE COUNTY**

Variety	Arvada	Edgewater	Golden	Wheatridge	Entire Co.
Montmorency . . . . .	90.6	33.3	58.6	42.7	53.3
English Morello . . . . .	3.2	33.4	29.7	29.6	28.1
Early Richmond . . . . .	1.9	33.3	10.8	24.2	16.8
Wragg . . . . .	0.8	.....	.....	2.2	0.6
Suda . . . . .	3.2	.....	.....	1.3	0.5
Louis Philippe . . . . .	.....	.....	0.5	.....	0.3
All others . . . . .	.....	.....	0.4	.....	0.4
Totals . . . . .	100.0	100.0	100.0	100.0	100.0

**TABLE V—NUMBER OF APPLE TREES OF EACH DISTRICT AND OF ENTIRE COUNTY BY AGE CLASS**

Age Class	Arvada	Edgewater	Golden	Wheatridge	Entire Co.
1-8 years . . . . .	109	.....	650	500	1,250
8-12 years . . . . .	100	510	1,816	509	2,926
12-40 years . . . . .	1,750	4,785	8,277	10,753	25,565
Totals . . . . .	1,959	5,295	10,743	11,753	29,741

**TABLE V-a—PERCENTAGE OF APPLE TREES OF EACH AGE CLASS PLANTED IN EACH DISTRICT**

Age Class	Arvada	Edgewater	Golden	Wheatridge	Entire Co.
1-8 years . . . . .	8.3	.....	49.9	41.8	100.0
8-12 years . . . . .	3.4	17.2	62.1	17.3	100.0
12-40 years . . . . .	6.7	18.5	31.6	43.2	100.0

**TABLE V-b—PERCENTAGE OF APPLE TREES OF EACH DISTRICT WITH RESPECT TO AGE**

Age Class	Arvada	Edgewater	Golden	Wheatridge.	Entire Co.
1-8 years . . . . .	5.3	....	5.6	4.2	4.1
8-12 years . . . . .	5.3	9.6	17.1	4.2	9.6
12-40 years . . . . .	89.4	90.4	77.3	91.6	86.3
Totals . . . . .	100.0	100.0	100.0	100.0	100.0

**TABLE VI—PERCENTAGE OF CHERRY TREES OF EACH DISTRICT WITH RESPECT TO AGE**

Age Class	Arvada	Edgewater	Golden	Wheatridge.	Entire Co.
1-8 years . . . . .	....	....	41.3	11.8	24.6
8-12 years . . . . .	100.0	100.0	42.4	30.5	50.2
12-40 years . . . . .	....	....	16.3	57.7	25.2
Totals . . . . .	100.0	100.0	100.0	100.0	100.0

**GRAND TOTALS—JEFFERSON COUNTY**

Number of acres in fruit trees.....	539.25
Number of fruit trees of all kinds.....	52,130
Number of orchards . . . . .	69

**DISTRIBUTION OF TREES BY AGE CLASS**

Age 1-8 years . . . . .	6,475
Age 8-12 years . . . . .	14,135
Age 12-40 years . . . . .	31,520

**CONDITION OF ORCHARDS**

Good . . . . .	15
Fair . . . . .	34
Poor . . . . .	20
	<hr/> 69

**CROPS GROWN IN THE ORCHARDS—JEFFERSON COUNTY**

District	Alfalfa	Truck	Sweet Clover	Clean Cultivation	Orchard Grass	Red Clover
Arvada . . . . .	3	..	1	1	1	..
Edgewater . . . . .	3	..	..	5	5	..
Golden . . . . .	5	3	..	10	11	1
Wheatridge . . . . .	2	2	3	5	8	..
Totals . . . . .	13	5	4	21	25	1

**ORCHARD SURVEY OF ADAMS COUNTY**

**NUMBER OF ORCHARDS IN ADAMS COUNTY**

Westminster . . . . .	6
Total . . . . .	<hr/> 6

**NUMBER OF APPLE TREES IN EACH ORCHARD DISTRICT**

Westminster . . . . .	6,826
Total trees . . . . .	<hr/> 6,826

**NUMBER OF CHERRY TREES IN EACH ORCHARD DISTRICT**

Westminster . . . . .	995
Total trees . . . . .	<hr/> 995

**Number and Varieties of Apple Trees  
in Adams County\***

1. Ben Davis . . . . .	1,100
2. Black Bellflower . . . . .	510
3. Delicious . . . . .	1,275
4. Denver . . . . .	6
5. Gano . . . . .	100
6. Grimes . . . . .	100
7. Jonathan . . . . .	710
8. Lawver . . . . .	12
9. Maiden Blush . . . . .	100
10. Missouri . . . . .	225
11. Northern Spy . . . . .	25
12. Northwestern Greening . . . . .	1,275
13. Oldenburg . . . . .	5
14. Oliver . . . . .	80
15. Red Astrachan . . . . .	20
16. Stayman Winesap . . . . .	102
17. Walbridge . . . . .	200
18. Wealthy . . . . .	104
19. Winesap . . . . .	729
20. Yellow Transparent . . . . .	48
21. York Imperial . . . . .	100

Total . . . . . 6,826

\* All of the above varieties found  
in the Westminster District.

**Distribution, Acreage, Trees, Age  
and Condition, Westminster  
District**

No. Acres . . . . .	76
No. Trees . . . . .	6,826
Age 1-8 years . . . . .	1,000
Age 8-12 years . . . . .	1,000
Age 12-40 years . . . . .	4,826
Fair Condition . . . . .	4
Good Condition . . . . .	1
Poor Condition . . . . .	1

**Number and Varieties of Cherry  
Trees in Adams County\***

1. Early Richmond . . . . .	145
2. May Duke . . . . .	30
3. Montmorency . . . . .	760
4. Wragg . . . . .	60

Total . . . . . 995

\* All of the above varieties found  
in the Westminster district.

**Distribution, Acreage, Trees, Age,  
and Condition****Westminster District**

No. Acres . . . . .	9
No. Trees . . . . .	995
Age 1-8 years . . . . .	60
Age 8-12 years . . . . .	560
Age 12-40 years . . . . .	375
Fair Condition . . . . .	1
Good Condition . . . . .	1
Poor Condition . . . . .	1

**GRAND TOTAL—ADAMS COUNTY**

Number of acres in fruit trees . . . . .	85
Number of fruit trees of all kinds . . . . .	7,821
Number of orchards . . . . .	6

**DISTRIBUTION OF TREES BY AGE CLASS**

Age 1-8 years . . . . .	1,060
Age 8-12 years . . . . .	1,560
Age 12-40 years . . . . .	5,201

**CONDITION OF ORCHARDS**

Good . . . . .	1
Fair . . . . .	4
Poor . . . . .	1
Total . . . . .	6

**CROPS GROWN IN THE ORCHARDS**

	Clean Cultivation	Orchard Grass	Sweet Clover
Westminster . . . . .	3	2	1



**ORCHARD SURVEY OF ARAPAHOE COUNTY**

<b>Number of Orchards in Arapahoe County</b>	
Englewood . . . . .	9
Littleton . . . . .	16
<b>Total . . . . .</b>	<b>25</b>
<b>Number of Apple Trees in Each Orchard District</b>	
Englewood . . . . .	2,950
Littleton . . . . .	6,433
<b>Total trees . . . . .</b>	<b>9,383</b>
<b>Number of Cherry Trees in Each Orchard District</b>	
Englewood . . . . .	6,850
Littleton . . . . .	450
<b>Total trees . . . . .</b>	<b>7,300</b>
<b>Number of Plum Trees in Each Orchard District</b>	
Englewood . . . . .	500
Littleton . . . . .	500
<b>Total trees . . . . .</b>	<b>500</b>
<b>Summary</b>	
No. of Apple Trees in Arapahoe County . . . . .	9,383
No. of Cherry Trees in Arapahoe County . . . . .	7,300
No. of Plum Trees in Arapahoe County . . . . .	500
<b>Total trees . . . . .</b>	<b>17,183</b>

<b>Number and Varieties of Apple Trees in Arapahoe County</b>	
1. Ben Davis . . . . .	3,792
2. Black Twig . . . . .	300
3. Delicious . . . . .	125
4. Early Harvest . . . . .	13
5. Fameuse . . . . .	14
6. Gano . . . . .	800
7. Haas . . . . .	28
8. Jonathan . . . . .	581
9. King David . . . . .	125
10. McIntosh . . . . .	75
11. McMahan . . . . .	15
12. Missouri . . . . .	22
13. Oldenburg . . . . .	203
14. Plumb Cider . . . . .	25
15. Ralls . . . . .	106
16. Red June . . . . .	30
17. Russet . . . . .	3
18. Sheepnose . . . . .	30
19. Sheriff . . . . .	10
20. Smith . . . . .	12
21. Tolman . . . . .	35
22. Walbridge . . . . .	549
23. Wealthy . . . . .	1,108
24. Whitney (crab) . . . . .	142
25. Winesap . . . . .	679
26. Yellow Transparent . . . . .	531
27. York Imperial . . . . .	30
<b>Total . . . . .</b>	<b>9,383</b>

**NUMBER AND VARIETIES OF APPLE TREES GROWN IN ARAPAHOE COUNTY AND THEIR DISTRIBUTION**

Variety	Englewood	Littleton	Totals
1. Ben Davis . . . . .	600	3,192	3,792
2. Black Twig . . . . .	100	200	300
3. Delicious . . . . .	125	...	125
4. Early Harvest . . . . .	...	13	13
5. Fameuse . . . . .	...	14	14
6. Gano . . . . .	725	75	800
7. Haas . . . . .	...	28	28
8. Jonathan . . . . .	200	381	581
9. King David . . . . .	125	...	125
10. McIntosh . . . . .	...	75	75
11. McMahan . . . . .	...	15	15
12. Missouri . . . . .	...	22	22
13. Oldenburg . . . . .	60	143	203
14. Plumb Cider . . . . .	...	25	25
15. Ralls . . . . .	100	6	106
16. Red June . . . . .	30	...	30
17. Russet . . . . .	...	3	3
18. Sheepnose . . . . .	...	30	30
19. Sheriff . . . . .	...	10	10

20. Smith . . . . .	12	12
21. Tolman . . . . .	20	35
22. Walbridge . . . . .	300	549
23. Wealthy . . . . .	254	1,108
24. Whitney (crab) . . . . .	142	142
25. Winesap . . . . .	200	679
26. Yellow Transparent . . . . .	111	531
27. York Imperial . . . . .	30	30
Totals . . . . .	2,950	9,383

#### DISTRIBUTION, ACREAGE, TREES, AGE AND CONDITION

	Englewood	Littleton	Summary
No. Acres . . . . .	31.5	90.5	122
No. Trees . . . . .	2,950	6,433	9,383
Age 1-8 years . . . . .	750	...	750
Age 8-12 years . . . . .	1,000	200	1,200
Age 12-40 years . . . . .	1,200	6,233	7,433
Fair Condition . . . . .	6	11	
Good Condition . . . . .	...	2	
Poor Condition . . . . .	...	3	

CONDITION OF ORCHARDS: Good, 2; Fair, 17; Poor 3.

#### NUMBER AND VARIETIES OF CHERRY TREES IN ARAPAHOE COUNTY

1. Early Richmond . . . . .	78
2. English Morello . . . . .	2,465
3. Montmorency . . . . .	2,562
4. Sixteen-to-One . . . . .	1,815
5. Wragg . . . . .	380
Total . . . . .	7,300

#### NUMBER AND VARIETIES OF CHERRY TREES GROWN IN ARAPAHOE COUNTY AND THEIR DISTRIBUTION

Variety	Englewood	Littleton	Totals
1. Early Richmond . . . . .	43	35	78
2. English Morello . . . . .	2,465	...	2,465
3. Montmorency . . . . .	2,162	400	2,562
4. Sixteen-to-One . . . . .	1,800	15	1,815
5. Wragg . . . . .	380	...	380
Totals . . . . .	6,850	450	7,300

#### DISTRIBUTION, ACREAGE, TREES, AGE, AND CONDITION

	Englewood	Littleton	Summary
No. Acres . . . . .	57.5	6.5	64
No. Trees . . . . .	6,850	450	7,300
Age 1-8 years . . . . .	...	...	...
Age 8-12 years . . . . .	6,850	400	7,250
Age 12-40 years . . . . .	...	50	50
Fair Condition . . . . .	3	1	
Good Condition . . . . .	...	...	
Poor Condition . . . . .	3	1	

CONDITION OF ORCHARDS: Good, 0; Fair, 4; Poor, 4.

**NUMBER AND VARIETIES OF PLUM TREES GROWN IN ARAPAHOE COUNTY AND THEIR DISTRIBUTION**

Variety	Englewood	Littleton
Wild Goose . . . . .		500

**TABLE I—NUMBER OF FRUIT TREES IN EACH DISTRICT**

District	Apples	Cherries	Plums	Dist. Totals
Englewood . . . . .	2,950	6,850	....	9,800
Littleton . . . . .	6,433	450	500	7,383
Entire County . . . . .	9,383	7,300	500	17,183

**TABLE I-a—DISTRIBUTION (IN PERCENTAGES) OF TOTAL NUMBER OF TREES OF EACH FRUIT IN ENTIRE COUNTY BY DISTRICTS**

District	Apples	Cherries	Plums	Entire Co.
Englewood . . . . .	31.2	93.1	....	57.3
Littleton . . . . .	68.8	6.9	100.0	42.7
Entire County . . . . .	100.0	100.0	100.0	100.0

**TABLE I-b—SHOWING RATIO (IN PERCENTAGES) EACH FRUIT BEARS TO THE TOTAL NUMBER OF ALL FRUIT TREES FOR EACH DISTRICT**

District	Apples	Cherries	Plums	Entire Co.
Englewood . . . . .	30.6	69.4	....	100.0
Littleton . . . . .	87.7	5.5	6.8	100.0
Entire County . . . . .	55.3	40.3	4.4	100.0

**TABLE II—NUMBER OF ACRES OF EACH FRUIT FOR EACH DISTRICT IN ENTIRE COUNTY**

	Englewood	Littleton	Entire Co.
Apples . . . . .	31.5	90.5	122.0
Cherries . . . . .	57.5	6.5	64.0
Plums . . . . .	....	0.5	0.5
Totals, all Fruits.....	89.0	97.5	186.5

**TABLE II-a—NUMBER OF ACRES OF EACH FRUIT OF BEARING AGE FOR EACH DISTRICT**

	Englewood	Littleton	Entire Co.
Apples . . . . .	23.9	90.5	114.4
Cherries . . . . .	57.5	6.5	64.0
Plums . . . . .	....	0.5	0.5
Totals, all Fruits . . . . .	81.4	97.5	178.9

**TABLE III—SIX PRINCIPAL VARIETIES OF APPLES, SHOWING PERCENTAGES GROWN IN EACH DISTRICT AND IN ENTIRE COUNTY**

Variety	Englewood	Littleton	Entire Co.
Ben Davis . . . . .	20.7	49.7	39.7
Wealthy . . . . .	8.9	13.3	11.8
Gano . . . . .	24.1	1.1	8.6
Winesap . . . . .	6.9	7.5	7.5
Jonathan . . . . .	6.9	5.9	6.4
Walbridge . . . . .	10.3	3.9	5.3
All Others . . . . .	22.2	18.6	20.7
Totals . . . . .	100.0	100.0	100.0

**TABLE IV—THREE PRINCIPAL VARIETIES OF CHERRIES SHOWING PERCENTAGES GROWN IN EACH DISTRICT AND IN ENTIRE COUNTY**

Variety	Englewood	Littleton	Entire Co.
Montmorency . . . . .	33.3	88.8	36.7
English Morello . . . . .	38.1	....	35.3
Sixteen-to-One . . . . .	20.6	3.3	19.1
All Others . . . . .	8.0	7.9	8.9
Totals . . . . .	100.0	100.0	100.0

**TABLE V—NUMBER OF APPLE TREES OF EACH DISTRICT AND OF ENTIRE COUNTY BY AGE CLASS**

Age Class	Englewood	Littleton	Entire Co.
1-8 years . . . . .	750	....	750
8-12 years . . . . .	1,000	200	1,200
12-40 years . . . . .	1,200	6,233	7,433
Totals . . . . .	2,950	6,433	9,383

**TABLE VI—PERCENTAGE OF CHERRY TREES OF EACH DISTRICT WITH RESPECT TO AGE**

Age Class	Englewood	Littleton	Entire Co.
1-8 years . . . . .	....	....	....
8-12 years . . . . .	100.0	88.9	99.2
12-40 years . . . . .	....	11.1	0.8

**GRAND TOTALS—ARAPAHOE COUNTY**

Number of Acres in fruits trees . . . . .	186.5
Number of fruit trees of all kinds . . . . .	16,683
Number of orchards . . . . .	25

**DISTRIBUTION OF TREES BY AGE CLASS**

Age 1-8 years . . . . .	750
Age 8-12 years . . . . .	7,950
Age 12-40 years . . . . .	7,983

**CONDITION OF ORCHARD**

Good . . . . .	1
Fair . . . . .	18
Poor . . . . .	6
Total . . . . .	25

**CROPS GROWN IN THE ORCHARDS—ARAPAHOE COUNTY**

	Orchard			Clean Cultivation
	Oats	Grass	Alfalfa	
Englewood . . . . .	..	2	..	7
Littleton . . . . .	1	14	1	..
Totals . . . . .	1	16	1	7