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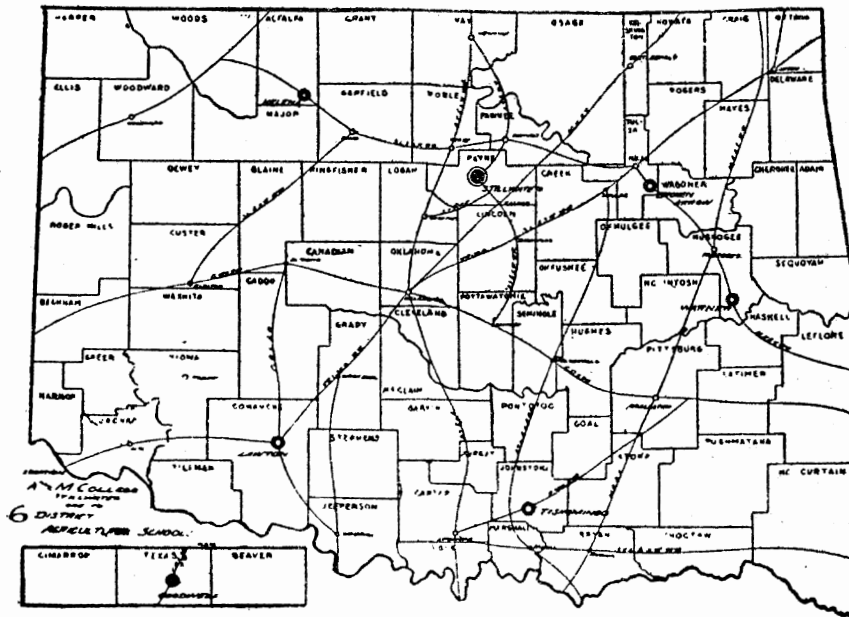
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VARIETIES OF FRUITS
RAISED IN OKLAHOMA

BY

N. O. BOOTH AND D. C. MOORING

HORTICULTURE



LOCATION OF THE A. & M. COLLEGE AND THE SIX SCHOOLS OF AGRICULTURE

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EXPERIMENT STATION, Stillwater, Oklahoma.

VARIETIES OF FRUITS RAISED IN OKLAHOMA

N. O. BOOTH and D. C. MOORING

The question of selecting varieties of fruit for planting is a very important one to every fruitgrower. This is particularly true in the newer states, like Oklahoma, where many of the growers have had only a brief experience under their present conditions, and are surrounded by neighbors equally inexperienced.

This Experiment Station is called upon constantly to give information as to the best varieties of fruit to plant. Since this demand comes from all parts of the state, it has been deemed desirable to secure reports from growers, all over the state, as to what varieties have been generally successful, and which ones are failures.

The question as to how long this information will remain "Up-to-date" is an important one in the minds of many people. Many fruitgrowers, particularly those of little experience, are of the opinion that the varieties considered best today, are likely to be superseded in half a dozen years by newer and superior sorts. The only way in which we may judge a question of this kind is by the experience of the past. Forty years ago, the standard varieties of apples in the states bordering on Oklahoma were essentially the same as those which are today standard in the same region. While many new sorts have been introduced none of them have succeeded in supplanting the old-time favorites. The Ben Davis, Winesap, Missouri Pippin, and Jonathan were the most profitable commercial apples in the prairie region in that day and they are the most profitable commercial sorts there still. With other fruits, such as peaches, plums and the small fruits this has not been true to the same extent. These plants being shorter-lived have been changed more; but even here conservatism seems to be the fashion and a successful variety is retained through a good many generations before being superseded by others. Since the conditions in the surrounding states are practically the same as ours, there is every reason for supposing that our horticultural history will be a duplicate of theirs.

Furthermore, there are theoretical reasons for supposing that the

chances of securing new and valuable sorts of tree fruits, in the future, will be less than in the past. New varieties of fruits come from seedlings. Hence, the greater the number of seedlings raised of any particular kind of fruit, the better chance there is of producing a new variety of value of that sort of fruit. Seedling orchards, in any number, attend certain economic conditions. Whenever a certain section is, for any reason, settled for any length of time, without the advent of railroads, the presence of seedling orchards is sure to follow. The reason for this is manifest. Since transportation is wholly by means of wagons, it is slow and expensive. Seeds, on account of their small bulk, are sent in letters and carried in the pockets of immigrants, and are consequently planted rather than the more bulky grafted or budded trees. The rough Ozark country of southern Missouri and northern Arkansas was settled many years before railroads penetrated that section. Railroads were very slow in coming on account of the expense of going through a rough country. Seedling orchards of all fruits once were, and in some neighborhoods of the Ozarks still are, very common. Such orchards, while they did not produce nearly as good fruit as the same area planted to grafted or budded sorts, had a certain value in that they occasionally furnished a seedling with particularly good fruit; this seedling being the first tree of a new variety. There is no question but that this is the reason why northern Arkansas has furnished more new varieties of apples than any other section of the West, of equal size. The day of seedling orchards is past and consequently the day when new varieties will be originated in any quantities is also probably past.

Owing to the wide diversity of conditions which are found in different parts of the state, it seemed desirable to divide the state into different districts with specific recommendations for each district. Various divisions were made and figures compiled for each, but none of them were satisfactory. The conditions of one section blend so into that of another, that it is impossible to say where one ends and the other begins. After many divisions were made, and comparisons made of the results from each, all were abandoned, and the figures compiled for the whole state as given below.

Over twelve hundred query sheets were sent out to growers who had had experience in fruitgrowing in Oklahoma. In these sheets it was asked that all varieties be checked that had been raised successfully, and also those which had been tried with unsuccessful results. The following figures summarize the results:

APPLES

	Favor- able.	Unfa- vorable.
BEN DAVIS. The leading commercial sort; not of high quality, but unsurpassed in tree characters. Season: fall. Striped with red.....	218	13
MISSOURI <i>Pippin</i> . An early and abundant bearer, and on this account especially popular in sections where fruit growing is difficult. Trees are inclined to blight, and on old trees the fruit runs small, and is affected with phyllosticta (fruit blotch). Seldom profitable after the trees are eighteen or twenty years old. Quality fair to good. Season: fall. Color, red with stripes.....	195	11
WINESAP. Tree moderately vigorous; productive. Commercial and home sort; of good color. Good quality; inclined to run small on old trees. Season: fall or winter. Deep red, indistinctly striped.....	178	4
JONATHAN. Crowds Ben Davis as market sort and ahead of that variety for home use. The tree is not quite so vigorous, nor the fruit so large, but the color of fruit is better and the quality much higher. Said to drop badly in some neighborhoods in the southern part of this state. Quality highest. Season: fall. Color, red, occasionally showing stripes.....	158	4
ARKANSAS. Supposed seedling of Winesap. Somewhat larger fruit and of coarser texture. In some neighborhoods a shy bearer. Season: fall or winter. Red, indistinctly striped.....	156	9
EARLY HARVEST. A very popular home sort. Except on young trees, too many culls for market apple. Season: early summer. Color: yellow.....	132	8
MAIDEN BLUSH. Tree good grower; bears rather young; quite productive; fruit: good quality and very attractive appearance. In spite of its irregular ripening habit and the fact that it runs somewhat small on old trees it is in many neighborhoods a successful market sort. Season: midsummer. Color: pale yellowish with blush on one side.....	119	5
GANO. A supposed Ben Davis seedling; tree almost identical with that of Ben Davis; fruit similar in shape, deeper red in color; slightly superior perhaps in quality. Not usually so good a bearer as Ben Davis and this fact seems to have prevented its superseding the older sort. Season: fall. Color: red.....	109	6
GRIMES <i>Golden</i> . Tree vigorous grower; good bearer; fruit competes with Jonathan as a standard of quality. Season: fall or early winter. Color: yellow.....	92	3

	Favor-	Unfa-
	able.	vorable.
RED JUNE. One of the best early apples, especially for home use. In some sections it is desirable for market. Ripens irregularly. Very attractive in color and good quality. Usually considered too tender for shipping any distance. Color: deep red. Season: early summer.....	92	12
YELLOW TRANSPARENT. A Russian sort of comparatively recent introduction which has become very popular. Tree moderately vigorous, but in some neighborhoods inclined to blight. Good bearer of very attractive, good quality fruit. Too tender for anything except home use and local market. Shows bruises badly. Ripens irregularly. Fruit runs somewhat small on old trees. Color: pale yellow. Season: early summer.....	87	7
YORK IMPERIAL. One of the newer commercial sorts for the Midwest. In some sections it has proved very popular. Tree characters good, but some complain of its being a shy bearer while young. Fruit good in size, quality and color, except in storage, where there are some complaints of its scalding. Season: winter. Color: red with faint stripes. Keeps well.....	60	2
STAYMAN <i>Winesap</i> . A seedling of <i>Winesap</i> . Tree characters similar to <i>Winesap</i> ; fruit larger but not so well colored as the parent. Season: fall or winter.....	44	0
RED ASTRACHAN. Tree characters good. Fruit irregular in size. For some reason not so popular in this section as other summer sorts. Season: early summer.. Color: greenish yellow with more or less red.....	39	8
LIMBERTWIG. Upright growing, rather thrifty tree. Only moderate bearer. Fruit medium in size, dull greenish red in color. Of rather good quality. Season: winter	38	5
RAMBO. An old-time variety of high quality. Tree rather vigorous and very productive. Fruit unattractive, especially from old trees. Inclined to run small on old trees. Recommended as a home variety only. Season: late summer. Color: yellow with dull red stripes.....	35	8
EARLY COOPER. A home variety raised in Kansas and other Midwestern states. Productive. Season: summer. Color: yellow with faint blush.....	33	4
WOLF RIVER. A very large, coarse, and rather poor flavored apple which is grown in some parts of the Northwest. Tree thrifty and good bearer; of doubtful value here. Season: fall. Not a good keeper. Color: red striped.	30	9
ROME <i>Beauty</i> . One of the newer commercial sorts which has found a limited favor in certain sections of the North. Of doubtful value here. Season: fall or early winter. Color: yellow with red stripes.....	29	7
FALL PIPPIN. A popular eastern sort occasionally raised in Oklahoma. Season: late summer. Its value here is apparently unknown.....	26	3

	Favor- able.	Unfa- vorable.
WILLOW <i>Twig</i> . Fifty years ago one of the standard sorts for the West. Poor grower in nursery, but vigorous in orchard. Productive. Fruit better in quality and better keeper than Ben Davis, but not so large nor attractive. Many growers in adjoining states have cut out their Willow Twigs on account of blight, scab, and bitter rot. Season: winter. Color: red, faintly striped.....	26	8
YELLOW BELLFLOWER. An old standard eastern variety, occasionally raised in this state. Of doubtful value here. Season: early fall. Color: yellow.....	24	7
HORSE. Doubtful if this variety is different than Haas. A large, yellow, midsummer sort. A good cooking apple; productive. Popular in the South.....	23	4
SHOCKLEY. A popular southern market variety. Tree good grower. Early and good bearer of second quality fruit. Very good keeper. Fruit inclined to run small. Yellow, covered with more or less red. Season: late winter	21	0
OLDENBURG. The most valuable of the Russians. A home and sometimes market sort. Irregular in ripening. Doubtful value for home use and not desirable for market here. Season: summer. Color: red with stripes.....	19	1
YELLOW JUNE. An old southern sort; apparently not so good as other summer varieties. Season: summer. Color: yellow.....	19	2
FALL JENNETING. An old New York sort which has largely gone out of cultivation there. Probably valueless here. Season: summer. Color: greenish yellow with blush.	18	5
WEALTHY. A very hardy variety, valuable in the extreme North. We are probably too far south for its successful culture. Season: late summer. Color: striped red.	17	5
BAILEY SWEET. An old New York sort, of good quality, and appearance, but so much inclined to become scabby and knotty that it has been discarded there. Probably valueless here. Tree poor grower and not hardy. Season: late summer. Color: indistinctly striped....	14	1
RALLS. A very old Virginia variety which at one time was very popular in the Middle West on account of its high quality and late keeping qualities. Of late years this variety has been losing ground owing to the rather dingy appearance which the fruit frequently has, and on account of the strong tendency shown to overbear on mature trees, and the fruit consequently to run very small. Inclined to fruit blotch. Season: winter. Color: greenish yellow with some red and indistinct stripes.....	14	2
BALDWIN. A standard eastern sort. Has been pretty thoroughly tested in the Middle West and found inferior here.	13	2

	Favor- able.	Unfa- vorable.
DELICIOUS. A new and comparatively unknown sort. High quality. Season: fall and early winter. Color: red with stripes.....	13	2
INGRAM. A commercial sort from the Ozark region of Missouri. Of the Ralls type, but runs larger and is more highly colored. Season: winter. Color: red with stripes.....	13	3
WHITE PEARMAIN. An old variety. Well known. Apparently superseded by better sorts. Season: winter. Color: pale yellow with occasional dull blush.....	12	4
ALEXANDER. Very similar to Wolf River, and of the same general description and value.....	11	3
FALL WINE. Another old New York sort which has failed to find favor there. Probably valueless here. Season: summer. Color: yellow with red in blush and indistinct stripes.....	11	3
HUNTSMAN. Tree moderately vigorous. Susceptible to bitter rot, apple scab, and sunburn. High quality. In some neighborhoods a shy bearer. May have a place in a family orchard; worthless elsewhere. Season: fall. Color: rich yellow with bronze blush.....	11	3
SUMMER PEARMAIN. A rather slow growing but productive tree. Fruit of excellent quality. Ripens irregularly. Home sort. Probably valueless here. Color: red with stripes. Season: summer.....	10	2
ARKANSAS BLACK. An Arkansas seedling of Winesap. Highly colored and very attractive in appearance. Quality good and good keeper, but on account of its shy bearing habit, in some sections, it is undesirable for general planting. Season: winter. Color: dark red.....	10	1
KINNAIRD. A Tennessee apple of the Winesap class. Season: early winter. Color: red. Of doubtful value here.....	9	1
LOWELL. One of the numerous summer sorts for home use. Tree vigorous, moderately productive. Fruit good size. Moderate quality. Tree blights. Season: summer. Color: yellow.....	9	2
BENONI. An old Massachusetts apple; fruit small; only a home variety, where it is the most successful, and of doubtful value here. Good quality. Season: summer. Color: red striped.....	8	0
COLLINS. One of the Arkansas seedlings. Tree vigorous and productive. Has not been thoroughly tested. Said to be a very good keeper. Season: winter. Color: red with indistinct stripes.....	8	1
GOLDEN RUSSET. A Massachusetts variety occasionally raised in the South. Good quality and long keeper. Has a peculiar, and to many people, unattractive appearance. Season: winter. Color: green or golden russet.....	8	1

	Favor- able.	Unfa- vorable.
FAMEUSE. A very old variety raised in Canada and the northeastern United States many years ago. Of very high quality, particularly in texture, which is the height of tenderness. Fruit bruises easily. Trees moderately vigorous, moderately productive; inclined to scab. Probably worthless here. Season: late summer. Color: red with stripes indistinct.....	8	2
GOLDEN SWEET. An old eastern variety which has passed out of cultivation in the East and is probably of no value here. Season: summer. Color: yellow.....	8	1
MINKLER. An old sort of probable Illinois origin. Tree very vigorous; productive; good appearance. Only moderate in quality. A market sort. Worth a trial in a limited way. Season: early winter. Color: red with stripes..	8	2
NORTHERN SPY. A standard market variety in New England and New York. It has never given satisfaction in the Middle States and is apparently unsatisfactory here; slow in bearing; susceptible to scab. High quality. Season: fall. Color: red with stripes.....	8	9
ROMANITE (South). An old southern sort, very similar to Shockley. Is a particularly good bearer and keeper. Fruit small. A home sort only. High quality. Season: winter. Color: red.....	8	2
SMITH CIDER. An old Pennsylvania sort. Tree rather vigorous; not of high quality. A market sort in Ohio and Indiana. A light bearer here. Season: fall. Color: striped with red.....	7	3
BLACK BEN. A comparatively recently introduced Arkansas seedling of the Ben Davis type. Closely resembles Gano. As yet comparatively untested. Season: fall or early winter. Color: striped with red.....	6	0
GRAVENSTEIN. A very old European sort which has secured favor in Nova Scotia and certain other parts of the East for producing a high quality, fine appearing fruit. Of doubtful value here. Season: summer. Color: striped with red.....	6	1
MARYLAND MAID. A Maryland variety. Practically unknown. Said to be vigorous and an early and heavy bearer. Season: summer. Color: yellow.....	6	1
NORTHWESTERN <i>Greening</i> . A comparatively new variety from Wisconsin. A market sort of some promise in certain sections of the North, but probably valueless here. Tree hardy and vigorous. Fruit only moderate in quality. Inclined to water core. Season: fall or early winter. Color: green. Scalds in storage.....	6	3
SMOKEHOUSE. A Pennsylvania variety. Good tree characters and rather reliable producer. Quality medium; fruit inclined to scab. Doubtful value. Season: late summer. Color: red with stripes.....	6	1
BUCKINGHAM. Tree good grower; occasionally tender; shy bearer; a southern variety of the Horse type;		

	Favor- able.	Unfa- vorable.
probably valueless for Oklahoma. Quality fair to good. Season: fall. Color: striped with red.....	5	1
CHENANGO. An old eastern sort. It is there a healthy, hardy tree, and good bearer. Comparatively untested here. Season: summer. Color: red with stripes.....	5	0
COLTON. A comparatively unknown Massachusetts variety. Said to be vigorous and productive, and a moderately early bearer. Possibly worthy of testing. Season: summer. Color: yellow with occasional red.....	5	0
HAAS. A Missouri variety of comparatively recent origin. Some consider Horse and Haas the same, but this appears doubtful. Tree vigorous, productive, bears young. Quality inferior. A summer sort for kitchen. Season: summer. Color: yellow, sometimes covered with brownish red.....	5	1
LAWVER. Origin supposedly Kansas. Tree rather vigorous. Bears young, but in some neighborhoods a shy bearer. Fruit of fine color, but only fair size and rather inferior quality. Good keeper. Inclined to scab. Prob- ably worthless. Season: winter. Color: red.....	7	6
MANN. A New York apple occasionally raised here. In its native country it is a hard, green, late keeping fruit of moderate quality. Of doubtful value here. Season: winter. Color: green.....	5	1
OLIVER. An Arkansas seedling which has attracted considerable attention on account of its handsome appear- ance and good quality. Two growers evidently find there are points against it. Season: winter. Color: indistinctly striped with red.....	5	2
RHODE ISLAND <i>Greening</i> . An old standard market va- riety in the East. It is not satisfactory in Oklahoma. Season: winter. Color: green.....	5	5
BEACH. An Arkansas seedling which has given good satisfaction in some neighborhoods in the South. Vigor- ous; moderately productive; bears rather young. Medium quality; late keeper; worthy of testing. Season: winter. Color: dark red with stripes.....	4	0
COOPER MARKET. A very old market sort of probable Pennsylvania origin. Of good appearance and very good keeper. Only moderate quality. Hardy tree and very heavy and rather early bearer. Fruit runs small on old trees. Season: winter. Color: red with stripes.....	4	1
GILPIN. A very old variety of supposed Virginia ori- gin. Formerly a very popular home sort on account of its very good keeping qualities. Now little raised. Tree only moderately vigorous. Fruit runs small, particularly on old trees. Moderately productive. Usually known as Red Romanite. Season: winter. Color: red to dark red.....	4	1
JEFFERIS. A Pennsylvania variety of some eighty years standing. Tree moderately vigorous. Fairly productive. Very high quality. A home sort where known. Ripens unevenly. Season: summer. Color: red with stripes.....	4	1

	Favor- able.	Unfa- vorable.
ROMAN STEM. A very old New Jersey sort of doubtful value there and hardly worth testing here. Appearance and size inferior. Season: fall. Color: yellow with blush.....	4	2
SOPS OF WINE. An old English kitchen variety. Tree rather productive. Good appearance and fair quality. Probably worthless here. Season: summer. Color: red with indistinct stripes.....	4	0
TOLMAN <i>Sweet</i> . An old eastern sweet apple of doubtful value here. Season: winter. Color: yellow.....	4	2
WAGENER. An old New York sort which at one time found considerable favor in the Middle West on account of its early productiveness. Not now popular. Tree not vigorous. Very productive; shortlived; fruit good quality and attractive. Used like Missouri Pippin as filler; Color: striped with red. Season: fall.....	4	0
BENTLEY. An old but comparatively unknown Virginia variety. Sweet. Of doubtful value. Season: winter. Color: pale yellow.....	3	1
BIETIGHEIMER. A German variety apparently belonging to the Alexander class. Early bearer and moderately productive. Coarse texture and inferior flavor. A kitchen apple only. Tree rather vigorous. Probably valueless here. Season: fall. Color: red with stripes.....	3	1
DANVER <i>Sweet</i> . A very old Massachusetts sort which has largely passed out of cultivation there. Probably worthless here. Season: fall. Color: green with occasional blush.....	3	2
EARLY RIPE. Of supposed Pennsylvania origin. Tree good grower; bears young and moderately productive. Fruit only fair quality; value here very doubtful. Season: summer. Color: yellowish green.....	3	1
ENGLISH RUSSET. An old English variety; value here unknown. Season: winter. Color: greenish yellow with russet.	3	2
FALLAWATER. An old Pennsylvania sort; tree vigorous; productive in most neighborhoods. Appearance fair; quality inferior; probably valueless here. Season: fall or winter. Color: yellow with some blush.....	3	1
LANSINGBURG. A Midwestern variety of about sixty years' standing, which has as yet failed to find much favor. Tree vigorous; fruit not of high quality, but very good keeper. May be worth testing. Season: winter. Color: red with stripes.....	3	1
MARGARET. An English variety of about two hundred years ago. It has never secured favor in America, and is probably worthless here. Season: summer. Color: yellowish striped with red.....	3	0
OHIO PIPPIN. Tree rather vigorous and productive. Fruit good; probably not so good as Shannon for this section. Season: fall. Color: yellow with occasional faint blush.	3	2

	Favor- able.	Unfa- vorable.
PUMPKIN SWEET. An old-time popular eastern variety. Tree vigorous; rather productive. Not very popular now in the East and of very doubtful value here. Season: fall. Color: yellow.....	3	1
TWENTY OUNCE. A very old eastern sort. Rather popular there but of doubtful value here on account of susceptibility to sun scald and other diseases. Tree vigorous. Good and rather early bearer. Season: late summer. Color: red with stripes.....	3	0
WHITE JUNEATING. An English variety over two hundred years old. It is not successful in any part of America. Not recommended for cultivation in Oklahoma. Season: early summer. Color: pale yellow.....	3	0
SHACKLEFORD. A Missouri apple of the Ben Davis type. Not so highly colored nor so good a keeper as the Ben Davis and consequently of doubtful value. Season: early winter. Color: sparingly striped with red.....	3	0
AUTUMN SWAAR. An old New York variety of unknown origin. In its original home it shows a vigorous tree and high quality fruit, but it is not productive. Probably worthless here. Season: late summer. Color: yellow.	2	0
BABBITT. An Illinois seedling of Baldwin, originated about 1845. Too sour for anything except kitchen use. Tree vigorous. Productive; quality varies in different localities. Of doubtful value. Season: fall. Color: striped with red.....	2	0
SWEET BOUGH. From the northeastern part of the United States, where it has been in cultivation for over a hundred years. Other sorts of the same season are superior. Tree productive, but does not thrive in all places. Season: summer. Color: yellow or yellowish white.	2	0
FANNY. A Pennsylvania variety; tree very vigorous; rather a shy bearer; a red dessert apple of under size. Probably valueless here. Season: summer. Color: indistinctly striped with red.....	2	0
FINK. An old Ohio sort which has never become very popular there and is probably worthless here. A very long keeping apple. Season: winter. Color: yellow with blush.....	2	0
PARAGON. A Tennessee seedling of about twenty years standing. This variety is of the Winesap class and is very highly spoken of as a home sort, but it is doubtful if it has any commercial value. Color: greenish, nearly covered with dull deep red, and indistinctly striped. Season about the same as Winesap.....	2	0
PRIMATE. Supposed to have originated near Syracuse, New York, about 1840. It is still a popular family sort in many parts of that state. It has never found favor, al-		

	Favor- able.	Unfa- vorable.
though it has been frequently tested in the Middle West. Of no particular value in Oklahoma. Color: yellowish white. Season: early summer.....	2	0
SUMMER QUEEN. An old and very popular family variety in many sections of the Middle West. It is not a market sort. Color: yellow with reddish stripes. Season: summer. Apparently more than one variety going under this name.....	2	0
TETOFSKI. A Russian variety introduced into this country about 1835. Tree hardy and unusually productive, but inclined to run under size. Color: striped with red. Season: early summer. Probably valueless here.	2	0
YELLOW NEWTOWN. A very high quality fruit which originated at an early day in New York State and later found great favor in certain parts of Virginia, where it is known as Albemarle Pippin. Good tree and fine fruit, but very fastidious as to location and only succeeds in a few favored spots, none of which are apparently in Oklahoma. Fruit very susceptible to scab. It is a disputed point whether Green Newtown and Yellow Newtown are separate varieties or not. Season: winter. Color: yellow.....	2	0
CAROLINA BEAUTY. A new variety from North Carolina. Comparatively untested. Season: early winter. Color: striped with red.....	2	1
ESOPUS <i>Spitzenburg</i> . Another old variety originating at Esopus, New York, some time during the 18th Century. In spite of its extremely high quality it is not cultivated as much in the East as formerly and probably has nothing to offer Oklahoma growers. Color: almost solid red. Season: early winter or late fall.....	2	1
GREEN CHEESE. A very old Tennessee variety of very good quality and which was at one time popular as a home sort. Now largely gone out of cultivation. Possibly worthy of testing. Season: fall or early winter. Color: greenish yellow with red on one side.....	2	1
HIGHTOP SWEET. A very old New England variety which has spread throughout the West. A home sort only. Fruit runs small. One of the best varieties for the limited demand for a summer sweet apple. (Supposed to be synonymous with Sweet June; if not, very similar.) Season: summer. Color: yellow.....	2	1
MOORE SWEET. An old eastern sort which has gone out of cultivation. Probably worthless here. Season: fall. Color: greenish yellow with very faint stripes.....	2	1
EARLY STRAWBERRY. An old New York variety still quite popular in the East for a home sort, but discarded for all except local markets on account of its poor size and poor keeping qualities. Very attractive in appearance and of good quality. Season: summer. Color: striped with red.....	2	2

	Favor- able.	Unfa- vorable.
JULY, <i>Fourth of</i> . A very old Russian variety which is popular in some parts of Europe. Very similar to Tetofski. Probably worthless here. Season: summer. Color: yellow with red stripes.....	2	2
CARTER BLUE. An Alabama variety of unknown value here. Season: fall. Color: striped with red with blue bloom.	2	3
HUBBARDSTON. A very old Massachusetts variety. A vigorous and productive sort where it does well. Varies according to neighborhood. Commercial variety, and of late years has been finding new favor in many sections in the East. Season: late fall. Color: red with stripes....	2	3
WINTER BANANA. Originated in Indiana about fifteen years ago and introduced from Michigan. Tree vigorous and productive. Fruit of good size and very good quality. Color: yellow with faint blush. Season: presumably fall in Oklahoma. Just being tested in the East and as yet unknown here.....	2	0
BELMONT	I	0
CANNON PEARMAIN.....	I	0
CARLOUGH	I	0
COFFELT	I	0
COFFMAN	I	0
ESTER	I	0
ETRIS	I	0
KANSAS KEEPER.....	I	0
KENTUCKY REDSTREAK (Walbridge?).....	I	0
KING DAVID.....	I	0
LADY SWEET.....	I	0
LIVELAND RASPBERRY.....	I	0
MANGUM	I	0
MELON	I	0
PAYNE <i>Keeper</i>	I	0
PENNSYLVANIA REDSTREAK.....	I	0
PORTER	I	0
QUINCE (Cole's).....	I	0
RED STRIPE.....	I	0
SAN JACINTO.....	I	0
SILVER PIPPIN.....	I	0
SUMMER ROSE.....	I	0
SUTTON <i>Beauty</i>	I	0
THALER	I	0
WINE, <i>Hays</i>	I	0
BUNCOMBE	I	0
EARLY PENNOCK.....	I	I
FULTON	I	I
JULIAN	I	I
MCAFEE	I	I

	Favor- able.	Unfa- vorable.
McMAHON	I	I
MONMOUTH	I	I
PRYOR <i>Red</i>	I	I
VANDEVERE	I	I
VIRGINIA GREENING.....	I	I
WASHINGTON STRAWBERRY.....	I	I
WESTFIELD	I	I
BRADFORD	I	2
GOLDING	I	2
LADY	I	2
ROXBURY	I	2
STARK	I	2
WHITE PIPPIN.....	I	2
EARLY JOE.....	I	3
KESWICK	I	3
BONUM	O	I
CRACKLING	O	I
CULLASAGA	O	I
EVENING PARTY.....	O	I
FAMILY	O	I
GIDEON	O	I
GILBERT	O	I
HALL	O	I
HESLIP	O	I
HOCKETT	O	I
HOOVER	O	I
HORN	O	I
HUNGE	O	I
KENT BEAUTY.....	O	I
KERNODLE	O	I
KIRKBRIDGE	O	I
KRAUSER	O	I
LATE STRAWBERRY.....	O	I
LEHIGH	O	I
LONGFIELD	O	I
McINTOSH	O	I
MILLBOY	O	I
MINISTER	O	I
MONSEES	O	I
MOTHER	O	I
MUNSON	O	I
NANSEMOND	O	I
OHIO NONPAREIL.....	O	I
SUMMER KING.....	O	I
TOMPKINS KING.....	O	I
WALBRIDGE	O	I

	Favor- able.	Unfa- vorable.
BLUE PEARMAIN.....	0	2
PEWAUKEE	0	2

CRABAPPLES

WHITNEY One of the most popular of the large crab-apples. The fruit is very attractive. Thrifty grower; bears young, and is productive; good for both cooking and eating. Season: summer. Color: yellow striped with red.....	65	2
RED SIBERIAN There are two varieties under this name; the Large Red Siberian and the Red Siberian. The latter is the more popular and the one described here. Medium sized tree; very productive. Fruit small; borne in clusters; good for kitchen use; astringent. Season: summer. Color: bright red with stripes.....	61	2
TRANSCENDENT. A hardy, productive, vigorous summer variety, with very attractive fruit. The most popular kitchen crab. Season: summer. Color: yellow with bright red cheek.....	59	3
YELLOW SIBERIAN. Similar to Red Siberian except in color of fruit.....	49	2
HYSLOP. Tree vigorous; rather productive. Fruit large; very attractive; popular for both home use and market. Season: summer. Color: dark red with blue bloom.	45	5
FLORENCE. A comparatively new variety of Minnesota origin. In that section it is a favorite as a market variety owing to its early and abundant bearing habit and its good sized, attractive fruit. Quality good. A kitchen sort. Season: summer. Color: yellowish white with much light red.....	15	0
MINNESOTA. Another Minnesota seedling. A large mildly subacid eating crab. Rather unproductive. A home sort only. Of doubtful value. Season: summer. Color: yellow with blush.....	7	0
VAN WYCK. A sweet crabapple of New York origin. An eating crabapple now nearly out of cultivation. Probaworthless. Season: summer. Color: light yellow with shade of red.....	7	0
MARTHA. One of Peter Gideon's Minnesota productions. Tree bears young and rather productive. Fruit rather large and attractive; quality good to very good. Season: summer. Color: bright red with blue bloom.....	4	0
NORTH STAR. Originated in Minnesota over twenty-five years ago. Size small; color yellow; subacid; quality good. Season: late. Practically unknown in Oklahoma....	2	0
MONMOUTH	1	0
HEWES	1	1
ELGIN	0	1
SOULARD	0	1

PEARS

	Favor- able.	Unfa- vorable.
KIEFFER. The most successful variety of pear grown in the Middle West. A hybrid between the European and Chinese pear. Not of high quality, but a vigorous grower and productive. While it occasionally blights badly, it is freer from this disease than most other sorts and will out-grow any injury quicker than any other. Season: fall.....	193	3
BARTLETT, <i>Williams Bonchretien</i> . An old eastern variety which is very popular as an eating sort in all of the eastern states. It blights badly in the Middle West, but is, on account of its high quality, quite popular in spite of this. Season: summer.....	101	24
GARBER. Like the Kieffer, this is a Chinese hybrid, and is nearly a duplicate of the Kieffer in all other respects. Season: late summer.....	96	3
SECKEL. An old-time variety which is generally regarded as the standard of high quality. Tree slow growing, but hardy and quite resistant to blight. Fruit small and very sweet. Season: summer.....	46	1
ANGOULEME, <i>Duchess de</i> . An old sort which is the most popular dwarf variety raised. Tree rather vigorous. Large fruit of moderate quality. Season: summer.....	45	2
CLAPPS. An old favorite in sections where blight does not prevail. In the Middle West, in spite of its high quality, it not very popular on account of its tendency to blight. Season: summer.....	34	7
LE CONTE. Another Chinese hybrid. More popular in the South than in the North. Very vigorous, of better quality than Kieffer and Garber, but more inclined to blight. Well worth a trial in Oklahoma. Season: summer.	31	3
FLEMISH <i>Beauty</i> . Vigorous tree. Fruit of good quality, but sometimes complained of in the South on account of rotting at the core. It blights too badly for Oklahoma. Season: summer.....	22	5
WILDER. An early variety as yet comparatively unknown in this state. Season: summer.....	20	0
ANJOU. A French introduction of many years standing and popular in the Atlantic states. Good tree for East, but blights here. Quality very good. Season: summer.	11	1
LINCOLN. An Illinois sort of comparatively recent introduction which is well spoken of in many neighborhoods. Vigorous grower.....	10	1
HOWELL. An old Connecticut variety which is popular in many parts of the United States. Vigorous; quality very good. Season: summer.....	9	1
LAWRENCE. A summer sort of very doubtful value.....	6	0
RUTTER. A Pennsylvania variety of a good many years standing. Popular in many sections. Fruit good. Season: summer.....	6	2

	Favor- able.	Unfa- vorable.
MAGNOLIA. A new southern sort, as yet untested in Oklahoma. Said to be a Japanese sort, of vigor and productiveness. Late blooming, with large fruit of good quality. Ripens after Kieffer and a better keeper.....	5	0
WINTER NELIS. An old sort of European origin. Probably the most popular winter variety in the eastern states. Tree hardy, thrifty and productive. Very good quality. Blights in this country. Season: winter.....	5	3
LEWIS. An old Massachusetts sort which has largely gone out of cultivation. Tree vigorous; very productive. Fruit good; rather small. Season: fall.....	4	0
STERLING. A very old variety from eastern New York. Tree vigorous and productive. Fruit good. Popular in a few sections of the East, but little grown in the West. Season: summer.....	4	0
VICAR of <i>Winkfield</i> . A very old sort of French origin. Tree vigorous; frequently raised as a dwarf; productive. Fruit of only fair quality, but of fine appearance. Has never found favor in the West. Season: summer.....	4	1
KOONCE. A comparatively new sort of Illinois origin. Tree said to be very vigorous and productive. Of poor quality. Season: summer.....	3	0
TYSON. A very old Pennsylvania sort. Vigorous grower. In some sections a shy bearer. Very free from blight. Fruit very good to best. Season: summer.....	3	0
BLOODGOOD. A variety of Long Island origin and about eighty years' standing. Moderately vigorous and productive. Fruit of very high quality. Has never found favor in the West. Season: early summer.....	2	0
BRANDYWINE. Originated in eastern Pennsylvania some time during the early part of the last century. It is not a very popular variety today in the East, and probably is worthless for this state. Season: summer.....	2	0
CLAIRGEAU. A French variety of comparatively recent origin. Moderately vigorous and moderately productive. Fruit of high quality and very attractive. It blights badly in the Middle West. In some parts of the South complaints come of its losing its foliage. Season: autumn..	2	0
EARLY HARVEST. A new sort from Ohio which is as yet untested here. Tree hardy and productive. Quality fair. Season: summer.....	2	0
KING KARL. A new sort from Missouri, as yet untested in this section. Said to be vigorous, productive and of good quality.....	2	0
SHELDON. An old variety from western New York which has been tested and has found moderate favor in many sections of the country. Tree vigorous and productive. Fruit good. Season: late summer.....	2	1
BESSIMIANKA	1	0
BOUSSOCK	1	0

	Favor- able.	Unfa- vorable.
BUFFUM	I	O
CHAMBERS	I	O
EARLY SUMMER.....	I	O
LITTLE DUCHESS.....	I	O
LUCRATIVE	I	O
MARGARET	I	O
MOUNT VERNON.....	I	O
SOUTHERN HYBRID.....	I	O
TRIUMPH	I	O
VERMONT <i>Beauty</i>	I	O
WASHINGTON	I	O
WORDEN SECKEL.....	I	O
GIFFARD	I	I
STEVENS	I	I
OSBAND <i>Summer</i>	O	I

QUINCES

Quinces have never been very successful in the Middle West. This is partly due to the fact that they are subject to pear blight, but it is chiefly owing to their unproductiveness. The numbers given below will indicate the more popular varieties:

ORANGE	19	4
CHAMPION	18	3
MEECH	15	2
MISSOURI	13	2
PEAR	4	1
VAN DEMAN.....	3	0
RHEA	1	0

PEACHES

ELBERTA. A comparatively new variety of Georgia origin. Said to be a cross of Chinese Cling and Crawford Early. In all peach sections of the United States it is today recognized as the leading commercial variety. Tree vigorous, productive; fruit large, freestone; flesh yellow; quality only medium; firm. Market. Mid-season.....	263	1
CHINESE CLING. This variety was introduced into France from China about fifty years ago, and from thence was brought to this country. It has been of great value to peach growers in the United States, chiefly, however, from the seedlings which it has produced. The best known of these is Elberta. Tree moderately vigorous, and good bearer. Fruit large, clingstone, flesh white; quality good, only moderately firm. A home sort only. Season: medium.....	149	3
HEATH <i>Cling</i> . A Maryland variety. Tree quite hardy and vigorous; moderately productive. Fruit very large. Clingstone; flesh white; quality very good; fruit firm and good keeper. A home variety. Season: late.....	126	4

	Favor-	Unfa-
	able.	vorable.
EARLY CRAWFORD. An old variety from New Jersey. Tree vigorous and productive; fruit large, freestone; flesh yellow; quality good, moderately firm. Both market and home. Season medium early. Not as much raised as formerly.	121	8
ALEXANDER. An old English variety which has been raised in this country for years. Tree vigorous, productive. Fruit medium to large; semi-clingstone; flesh white; quality good for an early peach. Only moderately firm. Market and home. Season: very early. Formerly the standard for early market, but now largely discarded on account of its tendency to rot.....	114	2
CHAMPION. A comparatively new Illinois variety. Tree vigorous; productive. Fruit large; freestone; flesh white; quality good to above. Only moderately firm. Market and home. Season: a few days before Elberta.....	109	1
LATE CRAWFORD. An old standard variety originally from New Jersey. Tree vigorous; variable in productiveness. Fruit large; freestone; flesh yellow. Quality good. Market and home. Season: week later than Elberta. A very attractive fruit formerly much raised for market, but now generally superseded by other sorts of better tree characters.....	104	7
MAMIE ROSS. A Texas variety of about twenty years' standing. Tree vigorous; moderately productive. Fruit large; freestone. Flesh white. Quality good, not very firm. For both market and home. Season: early.....	103	1
STUMP <i>the World</i> . An old New Jersey variety. Tree moderately vigorous; productive. Fruit medium to large; freestone; flesh white; quality good. Only moderately firm. Market and home. Season: week later than Elberta. Not so much raised as formerly.....	83	4
TRIUMPH. A Georgia variety introduced about twenty-five years ago. Tree vigorous; very productive. Fruit medium size, semi-clingstone; flesh yellow; quality good, moderately firm. Market. Season: early. One of the most popular early commercial sorts.....	70	1
SNEED. A Tennessee variety of about fifteen years' standing. Tree very vigorous, moderately productive. Fruit medium to sometimes large; semi-clingstone; flesh white; quality inferior, lacking in firmness. Raised in some sections for market on account of its early season. Season: extra early.....	65	8
CARMAN. Said to be of the same parentage as Elberta. Tree vigorous and productive. Fruit large; freestone; flesh white; quality good; firm. A market sort. Season: early.....	64	0
CROSBY. A comparatively new variety from Massachusetts. Tree vigorous; very productive. Fruit medium; freestone; flesh yellow; quality very good; firm. Canning or sometimes market. Primarily a canning peach. Runs small unless thinned. Season: with Elberta..	51	6

	Favor- able.	Unfa- vorable.
MOUNTAIN ROSE. A New Jersey variety introduced about twenty-five years ago. Tree vigorous; productive. Fruit medium to large; freestone; flesh white; quality very good. Home variety, in some sections used for market. Season: medium early.....	46	3
LEMON CLING. An old South Carolina variety. Tree vigorous; productive. Fruit large; clingstone; flesh yellow; quality good; firm. A home variety. Season: medium.	43	4
SALWAY. Said to be an old English variety. Introduced into this country at a comparatively recent date. Tree vigorous; usually productive, although it is complained of in some neighborhoods as being a shy bearer. Fruit large; freestone; flesh yellow; quality good; firm. Market and sometimes home. Season: late. The standard late commercial sort in many sections.....	41	2
OLDMIXON CLING. An old-time favorite for eating out of the hand. Tree vigorous; productive. Fruit large; clingstone; flesh white; quality very good to best; not very firm. A home sort. Season: about two weeks later than Elberta.....	40	2
BLOOD CLING. The most common representative of the red-fleshed type of peaches. Peaches of this type are known as Indian peaches in many parts of the Middle West. Tree moderately vigorous; only moderately productive. Fruit large; clingstone; flesh red; quality poor except for culinary purposes. Very firm. Raised only for kitchen use. Season: late.....	37	3
OLDMIXON FREE. An old variety from the eastern states which has been popular for years as an eating peach. Tree vigorous; productive. Fruit medium; freestone; flesh white; quality good; not firm. A home variety. Season: midseason.....	35	4
BELLE of Georgia. A Georgia variety introduced in the eighties. Of same parentage as Elberta. Tree vigorous; productive. Fruit large; freestone; flesh white; quality good; firm. Market sort. Season: about the same as Elberta.....	29	0
GREENSBORO. A North Carolina variety introduced about fifteen years ago. Tree vigorous and productive. Fruit medium to large; semi-cling; flesh white; quality good; firm for an early peach. Market or home. Season: early. A successful market variety in many parts of the South.	28	1
WONDERFUL. A comparatively new variety of undetermined origin. Tree vigorous; productive. Fruit large; freestone; flesh yellow; quality good; firm. Market and home. Season: late. Worth a trial.....	23	3
GLOBE. A Pennsylvania variety. Tree vigorous; in some sections a shy bearer. Fruit large; flesh yellow; freestone; quality good; firm. Home variety. Season: with Late Crawford.....	22	2

	Favor-	Unfa-
	able.	vorable.
SNOW. Said to have originated in Tennessee. Tree fairly vigorous; productive. Fruit medium size; freestone; flesh very white; quality good for eating out of the hand; not firm. Home. Season medium. The Snow is really a class rather than a variety. In the South the name Snow is applied to a peach with very large flowers, light green twigs, with fruit of white flesh and skin. These peaches will reproduce themselves quite true from seed.....	21	2
CABLER, <i>Indian</i> . A Texas variety of recent introduction. Tree moderately vigorous; productive. Fruit rather small; clingstone; flesh purple; quality fair; firm. Home or local market. Season: medium.....	19	0
LEE, <i>Gen</i> . A Florida variety of Japanese blood, introduced about forty years ago. Tree vigorous; productive. Fruit large; clingstone; flesh white; quality fair; firm. Market. Season: medium.....	19	0
FAMILY FAVORITE. A Texas variety about thirty years old. Tree vigorous and productive. Fruit medium to large; freestone; flesh white; quality very good; not very firm. Home. Season: medium. Worth a place in every home orchard.....	19	2
HENRIETTA. Originated in Kentucky and introduced in the eighties. Tree moderately vigorous and moderately productive. Fruit medium size; clingstone; flesh yellow; quality fair; firm. Market, if anything. Season: rather late.	18	1
EARLY WHEELER. A recently introduced Texas variety. Tree vigorous and productive; clingstone; flesh white; quality very good for an early peach; firm. Market. Season: extra early. This variety has become a favorite early market variety in some parts of Oklahoma, displacing Triumph for that purpose.....	16	0
FOSTER. A Massachusetts variety introduced about forty years ago. Tree vigorous; fairly productive. Fruit medium to large; freestone; flesh yellow; quality good; firm. Market. Season: medium early. Has replaced Early Crawford as a market sort in some of the northern districts.....	14	1
SMOCK. An old variety from New Jersey. Tree vigorous; some complaints of its being a shy bearer. Fruit medium size; freestone; flesh light yellow; quality only fair. Not very firm. Market. Season: medium late.....	14	1
RIVERS, <i>Early Rivers</i> . An English variety introduced into this country about twenty-five years ago. Tree fairly vigorous and very productive. Fruit rather small; freestone; flesh white; quality good; not firm. Home sort. Season: medium early.....	13	4
ST. JOHN. Originated in Louisiana. Tree vigorous; in some sections shy bearer. Fruit medium to small; freestone; flesh yellow; quality very good; firm. Home. Season: early mid-season.....	13	6

	Favor- able.	Unfa- vorable.
EMMA. Recently introduced from Georgia. Tree vigorous; productive. Fruit large; freestone; flesh yellow; quality very good; firm. Market. Season: late mid-season.	12	1
STINSON OCTOBER. A Mississippi variety, but very little known. Fruit large; clingstone; flesh white; quality good; firm. Market. Season: very late. A popular market variety in parts of the South.....	12	2
ALBRIGHT. A North Carolina variety of about twenty years' standing. But little known. Fruit medium to large; clingstone; flesh white; quality very good; not very firm. Home. Season very late.....	10	0
LEMON FREE. An Ohio variety but very little known. Fruit large; freestone; flesh yellow; quality good. Said to be a canning variety and popular for that purpose in Ohio.	10	3
PICQUET. An old variety originally from Georgia Tree large, vigorous and productive. Fruit medium in size; freestone; flesh yellow; quality good; firm. Used in some parts of the South for drying. Season late.....	9	3
BEERS SMOCK. This variety appears to have been confused with Smock, but the Texas Station gives the one as ripening on July 28th and Smock as ripening on August 23d. Tree variable in vigor and productiveness. Fruit medium; freestone; flesh yellow; quality good; not firm. Said to be a market sort in New Jersey. Hardly worth testing here. Season: medium.....	8	0
MAYFLOWER. A new variety from North Carolina. Tree qualities unknown. Fruit medium to large; clingstone; quality good. Season extra early.....	8	0
BEQUETTE FREE. A California variety originated in 1860, and introduced in the late seventies. Tree vigorous and fairly productive. Fruit medium to large; freestone; flesh white; quality inferior; firm. Ripens with Elberta. Not valuable.....	7	0
EARLY YORK. There appears to have been two distinct varieties which have been propagated under this name. Originally introduced from England, and according to Downing confused with certain of its seedlings. Tree vigorous and productive. Fruit medium size; freestone; flesh white; quality good. At one time a market variety of some prominence in New Jersey. Now largely gone out of cultivation. Season: early mid-season.....	6	1
EARLY BARNARD. A southern variety. Tree vigorous; productive. Fruit medium size; freestone; flesh yellow; quality very good. Season: mid-season.....	5	1
CHAIRS Choice. A Maryland variety of slightly over ten years' standing. Tree vigorous; productive. Fruit large; freestone; flesh yellow; quality good. Market. Worth a trial. Season: late.....	4	0

	Favor- able.	Unfa- vorable.
HYNES <i>Surprise</i> . A Missouri variety. Tree vigorous; unusually productive. Fruit medium size; semi-cling; flesh white; quality mediocre; firm. Doubtful use. Season: medium.....	4	0
KERR, <i>Jessie</i> . A new variety said to be earlier than Alexander, which it resembles in tree and fruit.....	4	0
YELLOW RARERIPE. Origin apparently unknown. Fruit medium to large; freestone; flesh yellow; quality very good. Said to be a market variety; apparently but little known.	4	0
THURBER. A Georgia variety originated twirty-five years ago. Tree vigorous; fairly productive. Fruit large; freestone; flesh white; quality good; firm. Market. Season: medium.....	4	1
BISHOP EARLY. A Kansas variety of recent introduction. Tree vigorous; productive. Fruit medium to large; freestone; flesh white; quality good; firm. Market and home. A promising sort for its season. Season: early.....	3	0
FORDS. A new variety almost unknown. Berckmans says, "An excellent, large, white-fleshed peach of the Chinese type. Quality good. A heavy and reliable bearer". Medium early. There is already a variety named Ford.	3	0
LARGE YORK. A very old variety of uncertain origin. Tree characters variable. Fruit large; freestone; flesh white; quality good. Home. Season: early. Nearly gone out of cultivation.....	3	0
STONEWALL JACKSON. A Florida variety from seed brought from Japan. Introduced in the late sixties. Tree variable in vigor in different neighborhoods, and equally variable in productiveness. Fruit medium to large; clingstone; flesh white; quality good; firm. Market. Complaints of its appearance. Season: medium.....	3	0
SUSQUEHANNA. An old sort from Pennsylvania. Vigor of tree variable. Shy bearer in some neighborhoods. Fruit large; freestone; flesh yellow; quality good; not very firm. Home, and in a few places, market. Season: medium	3	1
BEQUETTE CLING. A California variety originating in 1860 and introduced in the late seventies. Tree vigorous; productive. Fruit medium to large; clingstone; flesh white; quality fair; firm. Home. Season: with Elberta.....	3	2
ALLEN OCTOBER. Not known to us.....	3	3
ELBERTA CLING. Originated in Missouri and introduced by Stark Brothers. Its value is not yet known. Worthy of testing. Said to be a large, yellow peach similar to Elberta.	3	0
EARLY ELBERTA. Originated in Utah from Belle of Georgia seed. As yet not much known. Said to be similar to Elberta, but earlier.....	2	0

	Favor-	Unfa-
	able.	vorable.
EATON. An old variety from North Carolina. Tree vigorous; productive. Fruit only medium in size; clingstone; flesh yellow; quality very good. Said to have an apricot flavor. A canning peach. Season: with Elberta.....	2	0
FOX <i>Seedling</i> . An old New Jersey sort. Tree vigorous; usually productive. Fruit medium size; freestone; flesh white; quality very good. A market sort in some sections. Season: late.....	2	0
HALE. Originated in Ohio years ago. Tree vigorous; in some sections a shy bearer. Fruit medium in size; semi-clingstone; flesh white; quality very good. Home, if anything. Season: medium early. Now largely out of cultivation.	2	0
LATE ADMIRABLE. An old French variety. Introduced into this country years ago. Fruit large; freestone; flesh white; quality good. Said to be a market variety in the southeastern states.....	2	0
LATE RARERIPE. A very old sort of uncertain origin. Tree vigorous and productive. Fruit large; freestone; flesh white; quality good. Season: medium. Has passed out of cultivation for some reason unknown to us.....	2	0
LOLA, <i>Miss</i> . A Texas variety originated in 1876. Tree vigorous; productive. Fruit medium to large; freestone; flesh white; quality good; firm. Home. Season: medium early.	2	0
KRUMMEL OCTOBER. A recent introduction, said by those who are introducing it to be a very strong grower and healthy, with fruit "Large, almost round, deep yellow with a dark carmine blush". Freestone. Season: very late. Recommended as a market sort.....	2	0
WATERLOO. Originated in Waterloo, N. Y. Very similar to Alexander, and by some considered identical with that variety.....	2	0
AMELIA. An old South Carolina variety. Tree vigorous; not very productive. Fruit large; freestone; flesh yellowish white; quality good; firm. Home. Season: early.	2	1
DEMMINGS SEPTEMBER. A comparatively new new Georgia variety. Said to be a large, yellow-fleshed, attractive peach, ripening in September. Worthy of testing. Clingstone	2	1
ADMIRAL <i>Dewey</i>	1	0
ALICE	1	0
ALTON FREE.....	1	0
AMSDEN	1	0
ARP BEAUTY.....	1	0
AUGBERT	1	0
AUGUST BEST.....	1	0
BILYEU	1	0
CAPT. EADS.....	1	0

	able. Favor-	vorable. Unfa-
CHICKASAW BELLE.....	I	O
COLUMBIA	I	O
CONNETT	I	O
EARLY DAVIS.....	I	O
EARLY SHIPPER.....	I	O
FORRESTER	I	O
GOLD DROP.....	I	O
MRS. HAMILTON.....	I	O
HILEY	I	O
HOBSON	I	O
INDIAN RED.....	I	O
INGOLD, <i>Lady</i>	I	O
JULY HEATH.....	I	O
JUNO	I	O
OCTOBER BELL.....	I	O
OCTOBER ELBERTA.....	I	O
ORIOLE	I	O
PINEAPPLE	I	O
RED CLING.....	I	O
REEVES <i>Favorite</i>	I	O
SLAPPY	I	O
STEVENS <i>Rareripe</i>	I	O
SUMMEROUR	I	O
ST. CLAIR.....	I	O
MAY LEE CLING.....	I	O
TROTH	I	O
VICTOR	I	O
WADDELL	I	O
WASHINGTON	I	O
WHEATLAND	I	O
WHEELER CLING.....	I	O
YELLOW SWAN.....	I	O
CAWTHORN SPECIAL.....	I	O
TIPPECANOE	I	O
BRANDYWINE	I	I
PALLAS	I	I
EARLY YORK.....	O	I
MORRIS' WHITE.....	O	I
TILLOTSON	O	I

PLUMS

BURBANK (*Prunus triflora*). Introduced into the United States from Japan about twenty-five years ago. Tree vigorous and productive. Fruit large; clingstone; skin dark red; quality good; firm. Market and home. Season: late.....

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	Favor- able.	Unfa- vorable.
ABUNDANCE (<i>Prunus triflora</i>). Imported from Japan in 1884. Tree vigorous, but not always healthy; productive. Fruit large; clingstone; skin yellowish red; quality good to very good; firm. Market and home. Season: early. In most sections considered better than Burbank for home purposes, but not so good for market.....	176	7
WILD GOOSE (<i>Prunus hortulana</i>). Originated in Tennessee and introduced about 1850. Tree vigorous; productive if other varieties are nearby. Fruit medium to above; clingstone; skin yellowish red; quality mediocre. Not very firm, but has tough skin and ships well. Market and home. Season: early.....	165	10
RED JUNE (<i>Prunus triflora</i>). Imported in the eighties from Japan. Tree vigorous; productive. Fruit medium to large; clingstone; skin red; quality fair to good; firm. Market. Season: early.....	99	11
GOLDEN BEAUTY (Botany disputed). Said to have been brought from western Texas and introduced in 1874. Tree moderately vigorous but healthy; very productive. Fruit medium size; clingstone; skin yellow; quality fair to good; very firm. Market and home. Season: late. Inclined to overbear, in which case the quality is deficient..	92	1
WICKSON (<i>P. triflora</i> X <i>P. simonii</i>). Originated by Luther Burbank and introduced about twenty years ago. Tree moderately vigorous; inclined to be unproductive. Fruit very large; clingstone; skin dark red; quality below medium; firm. Of doubtful use. Season: late.....	81	18
DAMSON (<i>Prunus domestica</i> ?). A class rather than a variety, as they reproduce themselves fairly true from seed. The class is of European origin. Tree vigorous, but not large, and productive in most neighborhoods. Fruit medium to rather small; usually clingstone; skin very dark blue; quality good for culinary purposes; very firm. Market and home. Season: variable. The most popular variety of this class is the Shropshire Damson....	31	16
YELLOW EGG (<i>P. domestica</i>). A very old European variety introduced into the United States years ago. Tree vigorous but not always healthy, and sometimes unproductive in the prairie states. Fruit large, to very large; clingstone; skin yellow; quality fair to good; firm. Market and home. Season: rather early. Probably the best European plum for this section.....	29	0
POTTAWATOMIE (<i>P. angustifolia</i>). Originated in Tennessee and introduced in 1875. Tree moderately vigorous; very productive. Fruit medium size; clingstone; skin red; quality good; firm. Home. Season: medium. A very good sort for home use.....	25	1
YELLOW TRANSPARENT (<i>P. angustifolia</i>). Grown from seed from wild trees in Texas. Tree characters unknown. Fruit medium to above; clingstone; skin yellow; quality good; rather soft. Home sort. Season: early.....	22	2

	Favor- able.	Unfa- vorable.
LOMBARD (<i>P. domestica</i>). An old variety originating in New York State. Tree vigorous; usually healthy; frequently a shy bearer in the mid-western states. Fruit above medium to large; clingstone; skin reddish purple; quality good; very firm. Home if anything. Season: mid-season.	22	3
SATSUMA (<i>P. triflora</i>). Imported from Japan in 1886. Tree not very vigorous nor productive. Fruit large; clingstone; skin dark red; quality good when fully ripe; firm. Canning if anything. Season: medium late.....	19	10
GERMAN PRUNE (<i>P. domestica</i>). Origin, Europe. Tree vigorous; productive. Fruit medium size; freestone; skin blue; quality fair; firm. Market and drying. Season: mid-season. A market plum in certain sections, but has not given very satisfactory results in the Middle States.	15	14
GOLD (<i>P. triflora X P. angustifolia</i>). Originated by Luther Burbank of California some years ago and introduced from Missouri. Tree undersized but healthy; productive. Fruit medium to large; clingstone; skin yellowish red; quality variable; not firm. Home. Season: medium.	14	0
IMPERIAL GAGE (<i>P. domestica</i>). An old New York variety. Tree vigorous, in the East productive, but very uncertain bearer in the Mid-West. Fruit above medium; freestone; skin yellow; quality very good; firm. Of doubtful use in Oklahoma. Season: medium. None of these domestic plums have given as satisfactory results in the Middle States as the native or Japanese sorts.....	13	3
WEAVER (<i>P. americana</i>). Found growing wild in Iowa, introduced in 1875. Tree vigorous; productive. Fruit medium to above; semi-clingstone; skin orange with red; quality good; firm. Home and canning. Season: medium late.	13	4
MILTON (<i>P. hortulana</i>). Originated in Iowa about 1885. Tree moderately vigorous; productive. Fruit medium in size; skin dull red; quality very good; not very firm. Market and home. Season: early. Clingstone.....	10	0
CHABOT (<i>P. triflora</i>). Imported from Japan in 1886. Tree vigorous; productive. Fruit medium to large; clingstone; skin reddish yellow; quality good to very good; firm. Preserving. Season: medium.....	10	2
MINER (<i>P. hortulana X americana</i>). A very old native plum whose origin is credited to both Tennessee and Pennsylvania. Tree moderately vigorous; productive. Fruit medium size; clingstone; skin dull red; quality good; moderately firm. Home use. Season: late mid-season.	10	6
WILLARD (<i>P. triflora</i>). Scions of this variety were secured from California by Willard of New York about 1890. It is said to have been in cultivation in California some years prior to that date. Tree vigorous; fairly pro-		

	Favor- able.	Unfa- vorable.
ductive. Fruit medium size; freestone; skin red; quality poor; firmness variable. Season: early. Probably worthless.	8	0
AMERICA (<i>P. triflora</i> X <i>angustifolia</i>). Originated and introduced by Burbank in 1898. Tree vigorous and productive. Fruit medium to large; clingstone; skin yellowish red; quality inferior; moderately firm. Use uncertain. Season: medium.....	7	0
OGON (<i>P. triflora</i>). Imported into California from Japan about twenty-five years ago. Tree only moderately vigorous; not productive in some neighborhoods. Fruit medium size; almost freestone; skin yellow; quality mediocre; firm. Of doubtful use. Season medium early. A discredited Jap., now seldom raised.....	7	1
BRADSHAW (<i>P. domestica</i>). Generally thought to be the same as Niagara. Origin undetermined. A very old sort. True, vigorous; productive in the East, but not always so in the Middle West. Fruit medium to large; freestone; skin dark red with bloom; quality good; firm. Market. Season: medium. The Bradshaw is one of the favorite market sorts in those sections where European plums can be raised successfully. None of them are really successful in the Middle States.....	7	3
FOREST GARDEN (<i>P. americana</i>). Introduced from the wild in Iowa in 1862. Tree only moderately vigorous; very productive. Fruit medium to sometimes large.....	7	3
GONZALES (<i>P. triflora</i> X <i>angustifolia</i> ?). Originated in Texas and introduced from that state in 1897. Tree vigorous and productive. Fruit large; clingstone; skin yellowish red; quality good; only fairly firm. Home or local market. Season medium. This variety has given such favorable results in Texas that it appears to be well worthy of a trial here.....	6	0
WOLF (<i>P. americana</i>). Originated in Iowa in 1852. Tree vigorous and productive. Fruit of medium size; semi-clingstone; skin yellowish red; quality good; firm. Home or market in some sections. Season: medium late. One of the better American sorts, but it has been tested chiefly in the northern middle states and its adaptability to Oklahoma is undetermined.....	6	0
DE SOTO (<i>P. americana</i> .) A Wisconsin variety introduced from Iowa in 1864. Tree not very vigorous; overbears. Fruit medium size; clingstone; skin orange overlaid with red; quality good; firm. Home. Season: medium.. A good home variety.....	6	3
INDIAN CHIEF (<i>P. hortulana</i>). Origin in dispute. Tree moderately vigorous; not productive. Fruit small to medium; clingstone; skin red; quality poor; firm. Of doubtful use. Season: medium. Probably worthless.....	5	0
BAVAY (<i>P. domestica</i>). Origin, Belgium. Tree vigorous and productive. Fruit large; freestone; skin yellowish green; quality very good; firm. A market plum where		

	Favor- able.	Unfa- vorable.
raised. Season: medium. This European is a favorite market variety in many parts of the East, but it has never succeeded in the middle western states.....	5	1
DUNLAP No. 2 (<i>P. hortulana</i>). A comparatively unknown sort from Nebraska. Tree vigorous; productive. Fruit large; clingstone; skin red; quality good; firm. Market. Season: medium. Highly spoken of and worth a trial.....	5	1
GOLDEN DROP (<i>P. domestica</i>). An old English variety originated near London. Tree moderately vigorous and productive. Fruit large to above; clingstone; skin yellow; quality good; firm. Market. Season; medium. Adapted to certain sections and a favorite in parts of the Pacific coast, but has not succeeded in the Middle States.	5	2
SHROPSHIRE Damson (<i>P. domestica?</i>). An old English variety. Tree moderately vigorous and very productive. Fruit small; clingstone; skin dark blue; quality poor for eating out of the hand, but prized for cooking. Firm. A fine culinary plum for home and market. Season: late midseason. Rots so badly as to be worthless in some sections.	5	4
HAWKEYE (<i>P. americana</i>). Originated in Iowa in 1882. Tree vigorous and productive. Fruit large; clingstone; skin yellowish red; quality good; firm. Market and home. Season: medium. This variety has been so little grown in Oklahoma that it is impossible to say as to its value here.....	3	0
SARATOGA (<i>P. domestica</i>). Originated some years ago in New York State. Tree vigorous; usually productive. Fruit large; clingstone; skin dark purple; quality good; firm. Home. Season: early. Probably not adapted to Oklahoma.....	3	1
ITALIAN PRUNE (<i>P. domestica</i>). An old English variety. Tree vigorous and productive. Fruit medium size; freestone; skin blue; quality good; firm. Market. Season: late. This old and widely grown European sort has never been successful in the Mississippi valley.....	3	5
CADDO CHIEF (<i>P. angustifolia</i>). A Louisiana variety of comparatively recent introduction. Tree vigorous and productive. Fruit moderately large, round; clingstone; quality poor. Season: very early.....	2	0
JEFFERSON (<i>P. domestica</i>). An old New York variety. Moderately vigorous; moderateley productive. Fruit medium to large; freestone; skin yellow with red cheek; quality very good; moderately firm. Home. Season: medium late. Like the other domesticas, its use is doubtful in Oklahoma.....	2	0
PRAIRIE FLOWER (<i>P. hortulana</i>). Introduced in 1884 by Stark of Missouri. Tree moderately vigorous, but in some sections said to be short-lived; not productive. Fruit medium to large; clingstone; skin yellow overspread with		

	Favor- able.	Unfa- vorable.
red; quality good; firm. Home. Season: medium late. Apparently raised but little.....	2	0
DOWNING (<i>P. hortulana</i>). Originated in Iowa in 1882. Tree moderately vigorous; productiveness variable. Fruit medium to large; clingstone; skin red; quality good; firm. Home. Season: early. This plum, which is adapted to the North Central States, has not been extensively tested in Oklahoma.....	2	1
ROCKFORD (<i>P. americana</i>). Introduced from the wild by Patten of Iowa in 1889. Tree moderately vigorous; productive. Fruit medium to small; freestone; skin dark red; quality fair; firm. Home. Season: medium. Probably worthless here.....	2	1
WYANT (<i>P. americana</i>). Originated about forty years ago in Iowa. Tree vigorous and productive. Fruit medium to above; skin reddish; clingstone; quality good. Season: medium. Doubtful if it is adapted to Oklahoma. Perhaps worthy of testing.....	2	1
DE CARADEUC.....	1	0
MISSOURI GAGE.....	1	0
NORMAND	1	0
POND	1	0
RICHLAND	1	0
ROLLINGSTONE	1	0
SHIPPER PRIDE.....	1	0
SMITH ORLEANS.....	1	0
WANGENHEIM	1	0
WAYLAND	1	0
WISCONSIN	1	0
WORTEN	1	0
CHICKASAW	1	1
WHITTAKER	1	2
CUMBERLAND	0	1
GUEH	0	1

CHERRIES

RICHMOND, <i>Early</i> . One of the sour cherries. A very old English variety which is known in Europe as "Kentish". Tree vigorous; productive. Fruit medium size; skin medium red; quality medium; moderately firm. Market and home. Season: early. An old-time favorite in the Middle States on account of its tree characters and the desirability of the fruit for kitchen purposes.....	145	4
MORELLO, <i>English</i> . Another one of the sour class. An old European sort introduced into this country years ago. Tree not very large, but vigorous and productive. Fruit large; skin dark red; quality medium; moderately firm. Market and home. Season: late. A favorite variety in the West, and has given particularly good results on the western prairies.....	90	7

	Favor-	Unfa-
	able.	vorable.
LARGE MONTMORENCY. A sour cherry. A French variety which is over two hundred years old. Introduced into this country less than fifty years ago. Tree not very vigorous, but healthy. (Not nearly so large a tree as the Montmorency Ordinaire); productive. Fruit large; skin dark red; quality good; not very firm. Home and local market. Season: a week or ten days later than Richmond, Early	70	2
DYEHOUSE. A mixture of Morello and Duke. Origin unknown; found growing in an orchard in Kentucky. Tree moderately vigorous; productive. Fruit large; skin red; quality good; not very firm. Home. Season: very early.	67	3
MAY DUKE. Semi-sweet. An old French variety. The name is said to be a corruption of Medoc, the province in France where the variety originated. Tree characters variable in different sections. Usually vigorous, but sometimes affected with a twig blight; productive when healthy. Fruit large; skin red, becoming very dark when fully ripe; quality very good; firm. Home. Season: moderately early.	38	1
MONTMORENCY ORDINAIRE. A sour cherry. An old variety of French origin. Tree vigorous; productive. Fruit medium size; skin red; quality good; not very firm. Market and home. Season: about a week after Richmond. In many of the eastern states this is a favorite market sort on account of the demand of the canning factories.....	35	0
BLACK HEART. As the name indicates, this variety belongs to the Heart type. A very old variety of probable European origin which has been cultivated for years in the eastern part of the United States. It has never found particular favor in the Central West. Very few of the nurserymen handle it, and it is doubtful if all of those who report this variety have it true to name. Our description is from eastern sources. Tree vigorous; productive. Fruit medium to large; skin black when fully ripe; quality best; firm. Home. Season: early.....	25	5
TARTARIAN, <i>Black</i> . One of the semi-sweets. A Russian or West Asian variety, introduced into England over a hundred years ago and brought from there to this country. Tree vigorous, but not always healthy, and in some neighborhoods not productive. Fruit medium size; skin dark red or black when dead ripe; quality very good; firm. Home. Season: early.....	25	6
OSTHEIM. A sour cherry. Originated in Russia. Tree small; productive. Fruit medium to large; skin dark red; quality medium; not firm. Home. Season: rather late.....	17	3
WOOD, <i>Governor</i> . One of the Heart type. Originated in Ohio over fifty years ago. Tree vigorous; not usually productive in the prairie states. Fruit large; skin light red or yellowish red; quality very good; firm. Home. Season: medium early. Of higher quality, but not so desirable as the sorts more commonly raised. A few trees for home use is all that can be recommended.....	13	5

	Favor- able.	Unfa- vorable.
SPANISH, <i>Yellow</i> . One of the Bigarreus. Originated in Europe years ago. Tree vigorous; growing very large; productive in sections where the sweet cherries succeed. Fruit large; skin yellow with red cheek; quality very good; firm. Home, and in some sections market. Season: medium late. Of doubtful value in Oklahoma.....	9	1
SUDA HARDY. One of the Morello type. A Russian variety introduced into this country some years ago. Tree vigorous; productive. Fruit medium; skin light red; quality good; firm. Home. Season: late. Just beginning to be tested in Oklahoma.....	6	1
BALDWIN. Of the Morello type. An American variety from Kansas. Tree vigorous and productive. Fruit large; skin dark red; quality good; firm. Market and home. Season: early. Well worth a trial in Oklahoma.....	5	0
OLIVET. One of the Duke class. Originated in France. Tree vigorous; productive. Fruit above medium; skin deep red; quality good; firm. Home. Season: early. Worth a trial.....	5	1
LATE DUKE. As the name would indicate, this variety belongs to the Duke type. Originated in Europe years ago. Tree vigorous; not productive. Fruit large; skin dark red; quality good; firm. Home. Season: late. Not a success in the Middle States.....	5	2
WINDSOR. One of the Bigarreus. Originated in Canada. Tree vigorous, but only moderately productive in Oklahoma. Fruit large; skin dark red; quality good; firm. Home. Season: late. Of doubtful value in Oklahoma.	5	3
EARLY PURPLE. One of the Heart type. Origin unknown. Tree vigorous; productive. Fruit medium size; skin dark red; quality good; firm. Market and home in some sections. Season: early.....	4	1
EAGLE, <i>Black</i> . One of the Heart type. An old English variety. Tree vigorous; moderately productive. Fruit large; skin black; quality good; firm. Market and home in sections where it is successful. Season: midseason. None of these Heart type cherries are really successful in the mid-western states.....	4	4
NEW CENTURY. Said to be a combination of the Morello and Duke types. A new variety not tested in this state. Said to be vigorous and healthy, with medium to large fruit of light red color and good quality. Worth a trial	2	0
ALTON	1	0
BING	1	0
BLACK REPUBLICAN.....	1	0
CENTENNIAL	1	0
COMPASS	1	0
EUGENIE, <i>Empress</i>	1	0
IDA	1	0

	Favor- able.	Unfa- vorable.
LAMBERT	I	0
LUNA	I	0
NAPOLEON	I	0
OXHEART	I	0
ROCKY MOUNTAIN.....	I	0
SOUTHERN BEAUTY.....	I	0
CHOISY, <i>Belle de</i>	I	I
COE <i>Transparent</i>	0	I
LUTOVKA	0	I

GRAPES

CONCORD (<i>V. labrusca</i>). Originated in Massachusetts nearly sixty years ago. Self fertile. Vine moderately vigorous and moderately productive. Bunch large; berry medium to large; color black; skin moderately thick and tough; quality good. Home and market. Season: about middle of August. The most popular variety in North America, but we are too far south to see it at its best.....	233	3
NIAGARA (<i>V. labrusca</i>). Originated in western New York about forty years ago. A seedling of Concord. Self-fertile. Vine moderately vigorous, but a shy bearer in some neighborhoods. Bunch large; berry large; color green; skin thin and tough; quality good. Market and home. Season: about the middle of August. Like the Concord, this <i>labrusca</i> does better farther north.....	142	4
DELAWARE (<i>V. labrusca X vinifera X bourquiniana?</i>) Origin very uncertain. It came from Delaware, Ohio, about sixty years ago. Self-fertile. Vine lacking in vigor and in many sections of the South not healthy; moderately productive. Bunch medium size; berry small to medium; color red; skin thin and rather tender; quality best. A market variety in the North, but not available for that purpose here. Ripens with Concord. In spite of its high quality, the lack of vigor and productiveness of this variety make it of questionable value for this section.....	125	3
MOORE EARLY (<i>V. labrusca</i>). Originated in Concord, Massachusetts, about forty years ago from seed of the Concord. Self-fertile. Vine vigorous and usually productive. Bunch moderately large; berry large; color black; skin thin and fairly tender; quality almost good. Market and home. Season: first week in August.....	122	7
WORDEN (<i>V. labrusca</i>). Originated by Worden of New York State in the sixties. Self-fertile. Vine vigorous; productive. Bunch large; berry large; color black; skin medium in thickness; rather tender; quality good. Market and home. Season: about a week before Concord. This variety resembles the Concord very much. In the East, where both are used as market varieties, it is not considered quite as productive.....	78	3
CATAWBA (<i>V. labrusca X vinifera</i>). Origin unknown; introduced by John Adlum of Washington, D. C., about		

	Favor- able.	Unfa- vorable.
1823. Self-fertile. Vine vigorous; productive. Bunch large; berry medium to large; color red; skin thick and somewhat tough; quality very good. Market and home. Season: first half of September. Well worth a place in every garden and vineyard in Oklahoma.....	69	6
IVES (<i>V. labrusca</i> X <i>aestivalis</i> ?). Originated about seventy years ago in Ohio. Self-fertile. Vine vigorous and productive. Bunch medium to large; berry medium; color black; skin medium thick and tough; quality medium or below for table use, but is popular in some sections as a market variety. Season: about 20th of August. The poor quality of this variety makes it worthless for the Oklahoma grower.....	60	0
AGAWAM (<i>V. labrusca</i> X <i>vinifera</i>). Originated by Rogers of Massachusetts about sixty years ago. Nearly self-fertile. Vine vigorous; moderately productive. Bunch large; berry large; color dark red; skin thick and tough; quality good. Home or, in occasional sections, market. Season: last of August.....	48	3
BRIGHTON (<i>V. labrusca</i> X <i>vinifera</i>). Originated by Moore of New York about forty years ago. Self-sterile. Vine vigorous; productive. Bunch medium to large; berry medium large; color light red; skin rather thick; tender; quality very good. Home and market. Season: about the 1st of August. Every yard and every garden should have a few of these vines. It is doubtful, however, if this variety would be a success here as a market sort.....	36	2
GOETHE (<i>V. labrusca</i> X <i>vinifera</i>). Originated by Rogers about 1850. Partly self-fertile. Vine vigorous; usually productive. Bunch somewhat variable, frequently large; berry large, color light red; skin thin, slightly tough; quality very good. Home. Season: first or second week in September. This variety is worth a trial in the family vineyard, but is too subject to rot for commercial planting.....	35	6
POCKLINGTON (<i>V. labrusca</i>). Originated in New York about 1870. Self-fertile. Vine fairly vigorous, and fairly productive. Bunch usually large; berry almost large, color yellowish green; skin thin and tender; quality good. Home. Season: first week in September.....	28	4
CHAMPION (<i>V. labrusca</i>). Origin unknown; first found in cultivation about 1870 in New York. Self-fertile. Vine vigorous; productive. Bunch large; berry medium to large, color black, skin thin and tough; quality medium or below. Market. Season: last of July. The low quality of this variety makes it of very questionable value.....	24	3
HERBMONT (<i>V. bourquiniana</i>). Herbmont has been cultivated in the South for over one hundred years, but its date and place of origin are unknown. Self-fertile. Vine very vigorous and very productive. Bunch very large; berry small, color black, skin thin and rather tough; quality good to above. Home or wine cellar. Season: late. This variety is valuable in the South par-		

	Favor- able.	Unfa- vorable.
particularly for a wine grape, and it is worth a trial in Oklahoma, but it is of doubtful value as a table variety.....	19	3
LUTIE (<i>V. labrusca</i>). A Tennessee seedling introduced in 1885. Self-fertile. Vine vigorous; productive. Bunch large; berry large, color red, skin thin and tough; quality altogether too foxy for the average palate; the occasional person who does not object to this strong odor is apt to favor this grape. Home. Season: first week in August. Used as a back-yard grape in many sections with satisfaction.....	18	0
BRILLIANT (<i>V. labrusca X vinifera X bourquiniana</i>). Originated by Munson of Texas in 1883. Self-fertile. Vine usually vigorous; productive. Bunch medium; berry medium, color red, skin thin, moderately tender; quality very good. Home. Season: about a week before Concord. This variety is worth a trial in all parts of Oklahoma where any grapes will succeed.....	18	2
CLINTON (<i>V. riparia X labrusca</i>). Origin unknown; a very old sort which was cultivated under the name of Worthington nearly a hundred years ago. Self-fertile. Vine very vigorous; usually productive. Bunch medium; berry small, color black, skin thin and rather tough; quality too sour for eating out of the hand; primarily a kitchen grape. Home and possibly local market. Season: through September. The vigor of this vine makes it particularly desirable for arbors, etc. Not of good enough quality to be raised for eating purposes.....	18	3
DIAMOND (<i>V. labrusca X vinifera</i>). Originated in western New York in 1870. Self-fertile. Vine vigorous; moderately productive. Bunch large; berry above medium to medium, color green, skin thin, rather tough; quality good to above. Home, and in a few sections raised for market. Season: about with Concord. We are pretty well south for this labrusca grape.....	17	0
ELVIRA (<i>V. riparia X labrusca</i>). Originated by Rommel of Missouri about forty-five years ago. Self-fertile. Vine vigorous; productive. Bunch medium; berry medium, color yellowish green, skin rather thin and tender, frequently cracking in handling; quality sweet but rather insipid; a wine grape. Season: last of August or first of September.....	16	3
CYNTHIANA (<i>V. aestivalis X labrusca</i>). Said to have been found growing wild in Arkansas in the fifties. Introduced by Prince of Long Island. Self-fertile. Vine vigorous; usually productive. Bunch medium; berry small, color black, skin thin, tough; quality too tart for the taste of most people. To an occasional person they are very palatable when overripe and partly withered. Home and local market; used in places for jelly and wine. Season: September. These grapes will hang on the vine until after frost.....	12	2
HARTFORD (<i>V. labrusca X vinifera?</i>). Originated sixty years ago in Hartford, Connecticut. Partly self-fertile.		

	Favor- able.	Unfa- vorable.
Vine moderately vigorous and productive. Bunch medium size; berry medium, color black, skin thick and tough; quality poor. Of doubtful value for home or market. Season: extra early.....	10	1
SALEM (<i>V. vinifera</i> X <i>labrusca</i>). Originated by Rogers of Massachusetts about sixty years ago. Self-sterile. Vines moderately vigorous, but not always healthy. Bunch medium; berry large, red, skin thick and tough; quality good to above. Not valuable in most parts of Oklahoma.....	10	2
VERGENNES (<i>V. labrusca</i>). Originated in Vermont about forty years ago. Nearly self-sterile. Vines vigorous, but somewhat tender; moderately productive. Bunch and berry large; skin red, thick; quality hardly good. Probably worthless for Oklahoma. Season: rather late.....	9	0
JAEGER, <i>Hermann Jaeger</i> (<i>V. lincecumii</i> X <i>bourquiniana</i>). Originated by Munson and introduced about 1890. Vines vigorous and productive. Bunch large; berry small to medium, skin thin and tough, color black; quality good. Not raised to the extent that its merits deserve in Oklahoma. Season: shortly after Concord.....	8	2
CAMPBELL (<i>V. labrusca</i> X <i>vinifera</i>). Originated by Campbell of Ohio about twenty years ago. Self-fertile. Vine usually vigorous and productive. Bunch medium to large; berry large, color black, skin medium thin, tough; quality good. Home, and in certain sections raised slightly for market. Season: last of July or first of August. This variety is not worth more than a trial here.....	7	0
DUTCHESS (<i>V. vinifera</i> X <i>labrusca</i> X <i>bourquiniana</i> ? X <i>aestivalis</i> ?). This variety was originated in the Hudson valley of New York State over forty years ago. Nearly self-fertile. Vine only moderately vigorous; sometimes tender; productive when uninjured. Bunch medium to large; berry medium, color pale yellowish green, skin thin and tough; quality very good. Home. Season: early September.....	7	1
MERRIMAC (<i>V. labrusca</i> X <i>vinifera</i>). Another of Rogers' hybrids which he originated about 1850. Self-sterile. Vines vigorous, but not always healthy; only moderately productive. Bunch medium to below; berry large, skin tough, color black, quality good. Probably worthless in Oklahoma. Season: about with Concord.....	7	1
NORTON (<i>V. aestivalis</i> X <i>labrusca</i>). Originated in Virginia over eighty years ago. Self-fertile. Vines vigorous; productive. Bunch medium; berry small, color black, skin thin and tough; quality tart, but not unpleasant when fully ripe. Wine, home and occasionally market. Season: September. Difficult to say exactly as to season, for these grapes will hang on the vine for a long time and become withered and sweet. It is a disputed point whether Norton's Virginia and Cynthiana are different varieties or not. The best authorities appear to be of the opinion that they are, although they resemble each other very closely.....	7	1

	Favor- able.	Unfa- vorable.
WINCHELL (<i>V. labrusca X vinifera X aestivalis</i>). Originated about 1850 in Vermont. Self-fertile. Vine vigorous; productive. Bunch medium, quite variable; berry medium to below, skin thin, color greenish white; quality good to above. Season: early. Of possible value as an early home sort.....	6	0
JEFFERSON (<i>V. labrusca X vinifera</i>). Originated in the Hudson valley about forty years ago. Nearly self-fertile. Vines lacking in vigor, sometimes tender; not very productive. Bunch large to medium; berry medium to large; skin thin, color light red; quality very good. Season: latter part of August. Of doubtful value in Oklahoma.....	6	1
LINDLEY (<i>V. vinifera X labrusca</i>). Originated in Massachusetts about sixty years ago. Self-sterile. Vine vigorous, not always healthy; productive when free from disease. Bunch above medium; berry large, color red, skin rather thick and tough; quality good to above. Home. Season: last of August. Only a home grape in the North, where it does best, and it is of doubtful value here.....	6	1
PERKINS (<i>V. labrusca X vinifera</i>). Found in Massachusetts about 1830. Nearly self-fertile. Vine vigorous; usually productive. Bunch medium; berry medium to large, color red, skin thin and tough; quality poor; very foxy; disagreeable to most people. Home if anything. Season: a few days earlier than Concord. Probably worthless in this state.....	6	1
TRIUMPH (<i>V. labrusca X vinifera</i>). Originated in Ohio about fifty years ago. Self-fertile. Vines vigorous, but not always hardy; productive when not injured by winter. Bunch large; berry medium, skin thick, color white; quality very good. Season: late. Worth a place in the family vineyard.....	6	1
LADY (<i>V. labrusca X vinifera</i>). A Concord seedling introduced from Ohio about forty years ago. Partly self-fertile. Vine not very vigorous, and only moderately productive. Bunch medium to above; berry large, skin rather tender, color white; quality good. Season: latter part of August. Probably worthless here.....	5	0
HERMANN (<i>V. aestivalis X labrusca</i>). A seedling of Norton originating at Hermann, Missouri, about fifty years ago. Self-sterile. Vine very vigorous; only moderately productive. Bunch medium; berry small, skin thin, color black; quality good. Season: late. Has never been popular, and probably worthless in Oklahoma.....	5	1
WASHINGTON, Lady (<i>V. labrusca X vinifera</i>). Originated in the Hudson valley about thirty-five years ago. Self-fertile. Vine moderately vigorous; not productive. Bunch medium; berry above medium, skin tender, color greenish yellow; quality good. Season: late August. Not recommended for Oklahoma.....	5	3
SCUPPERNONG (<i>V. rotundifolia</i>). The origin of this grape is very old and apparently very uncertain. Self-sterile. Vine very vigorous; very productive. Bunch		

	Favor- able.	Unfa- vorable.
small; berry large, color green or golden russet, skin thick and tough; quality good for persons who like a foxy grape. Wine and home. Season: through September. The vines are not hardy in all parts of Oklahoma, but but may prove successful in the extreme southern part of the state.....	5	13
CARMAN (<i>V. linccumii X vinifera X labrusca X bourquiniana?</i>). Originated by Munson of Texas and introduced in 1892. Self-fertile. Vine vigorous; moderately productive. Bunch large; berry above medium, color black, skin rather thin and tough; quality good. Home. Season: just before Catawba. Possibly worthy of further testing, but of doubtful value.....	4	0
WOODRUFF (<i>V. labrusca X vinifera</i>). Originated by Woodruff of Ann Arbor, Michigan, about thirty-five years ago. Nearly self-sterile. Vine vigorous, productive and usually healthy. Bunch large; berry large, skin rather tender, color light red; quality hardly good. Season: medium late. Of doubtful value in Oklahoma.....	4	0
EARLY VICTOR (<i>V. labrusca X bourquiniana</i>). Originated by John Burr of Leavenworth, Kansas, about 1870. Nearly self-fertile. Vine vigorous; productive. Bunch medium size; berry medium, skin rather thin, slightly tough, color black; quality good to below. Season: early and fruit does not keep well. A home variety if anything.	4	1
WYOMING (<i>V. labrusca</i>). Origin unknown; supposed to come from Pennsylvania about fifty years ago. Self-sterile. Vine vigorous; moderately productive. Bunch medium size; berry medium, skin thin, tough, color red; quality good for those who like foxy grapes. Season: somewhat earlier than Concord. Not recommended unless it be for home use.....	3	0
HERBERT (<i>V. labrusca X vinifera?</i>). Originated in Massachusetts about the middle of the last century. Self-sterile. Vine vigorous; usually productive. Bunch moderately large; berry very large, skin thick, color black; quality above good. Season: medium late. Recommended for home use.....	3	1
STARK STAR (<i>V. labrusca X vinifera X aestivalis</i>). Originated about twenty years ago in Arkansas. Vine vigorous; productive. Bunch large; berry medium to below, skin medium thick, color black; quality fair to good. Season: very late. Worth a trial.....	3	1
WILDER (<i>V. labrusca X vinifera</i>). Originated in Massachusetts about 1850. Self-sterile. Vine vigorous; usually productive. Bunch large; berry large, skin tough, color black; quality good to above. Season: somewhat later than Concord. Only a home grape in Oklahoma.....	3	2
MARTHA (<i>V. labrusca X vinifera</i>). Originated in Pennsylvania over forty years ago. Self-fertile. Vine usually vigorous, but not always hardy; moderately productive. Bunch medium; berry nearly large, skin thin, color		

	Favor- able.	Unfa- vorable.
greenish yellow; quality good, but slightly foxy. Season: about middle of August. Not recommended for Oklahoma	2	0
TENDERPULP (<i>V. rotundifolia</i>). A muscadine variety of about forty years' standing. Self-sterile. Vine vigorous; very productive. Bunch small; berries medium, skin very tough, color black; quality very poor. Season: late. Not recommended for Oklahoma.....	2	0
AROMA	I	0
BANNER	I	0
EUMELAN	I	0
FOX	I	0
MUNSON FAVORITE.....	I	0
RED RIESLING.....	I	0
R. W. MUNSON.....	I	0
SUPERB	I	0
TELEGRAPH	I	0
BERCKMANS	I	I
COTTAGE	I	I
MUENCH	I	I
THOMAS	I	I
BARRY	0	I
EDEN	0	I
FLOWERS	0	I
IONA	0	I
JAMES	0	I
MASSASOIT	0	I
NECTAR	0	I
OLITA	0	I

BLACKBERRIES

EARLY HARVEST: Found some years ago growing wild in Illinois. Bush moderately vigorous; sometimes tender; productive. Fruit medium size to small; quality good. Season: very early. Not very thorny bush. One of the most desirable sorts for Oklahoma.....	203	3
SNYDER. Originated in Indiana over fifty years ago. Bush vigorous; hardy; productive. Fruit small to medium; quality fair. Season: medium. A market sort and probably the most popular variety for this purpose.....	109	13
KITTATINNY. A New Jersey sort introduced about 1865. Bush vigorous; usually hardy; productive. Fruit large; quality very good. Ripens moderately early and has long ripening season. Inclined to rust. A home sort	81	5
LAWTON. A New York variety intrtroduced about 1850. Bush vigorous, hardy, and productive. Fruit large to very large; quality good. Season: medium.....	47	2

	Favor- able.	Unfa- vorable.
DALLAS. A Texas variety found growing wild in 1880. Bush vigorous, hardy and productive. Fruit large; quality good. Recommended for Oklahoma.....	19	1
TRIUMPH (<i>Western Triumph</i>). Found growing wild in Illinois in 1858. Bush vigorous; not hardy; very productive. Fruit medium to large; quality good. Season: medium. A home sort. Overbears.....	13	1
ERIE. Originated in Ohio about 1876. Bush vigorous, thorny; not hardy; productive. Fruit very large; quality good. Season: medium. Recommended for a home sort only.	12	2
WILSON. Discovered growing wild in New Jersey in 1854. Bush vigorous; not hardy; productive. Fruit very large; quality good. Season: early. Not recommended for Oklahoma.....	11	0
TAYLOR. An Indiana sort introduced in 1867. Bush vigorous; very hardy; productive. Fruit large; quality very good. Season: late. A very good home sort for late ripening.....	11	3
AGAWAM. Found growing wild in Massachusetts about 1865. Bush vigorous; hardy; productive. Fruit large; quality good. Season: medium early. Said to be resistant to drought, but it does not seem to have won much favor in the semi-arid sections. A home sort.....	9	2
MINNEWASKA. Originated in New York some years ago. Bush vigorous; not always hardy; productive. Fruit large; quality good. Season: late. This variety is very desirable where it succeeds, but there are many neighborhoods where it does not succeed.....	6	2
BRITON, <i>Ancient</i> . Origin of this variety unknown. Introduced in Wisconsin nearly forty years ago. Bush vigorous, nearly hardy, but not always productive. Fruit medium to large; quality very good. Season: rather late. This is a very good variety where it succeeds. It does not do well in some localities.....	4	2
MERSEREAU. Originated a few years ago in central New York. Bush vigorous; productive. Fruit large; quality very good. Season: medium. This variety is considered to resemble Snyder, but said to be superior to that variety in that the fruit is larger and the berries do not discolor after being picked, as the Snyder sometimes does. As yet but little tested in Oklahoma.....	3	0
MCDONALD. A new sort, said to be a cross between the dewberry and blackberry. Bush vigorous; productive. Fruit large; quality good. It is said to require fertilizing by other sorts. Season: early. Recommended for trial.....	3	1
WACHUSETT. Found wild in Massachusetts about forty years ago. Bush not very vigorous; not productive. Fruit small; quality good. Season: medium. Not recommended.	3	2

	Favor- able.	Unfa- vorable.
ILLINOIS. Originated about twenty years ago by Riehl of Illinois. Stark Brothers, the introducers, say of this variety: "One of the largest, hardiest, highest in quality, and most profitable of the early kinds." It is worth a trial in Oklahoma.....	2	0
ROBINSON. A Texas variety of some ten years' standing. Bush vigorous, hardy and productive. Fruit large; quality good. Season: early. A commercial sort of much promise.....	2	0
ELDORADO	1	0
FLOODS MAY.....	1	0
KANSAS STANDARD.....	1	0
KING	1	0
LEESPOV	1	0
PAULINE FLING.....	1	0
STONES HARDY.....	1	0
TEXAS	1	0
WARD	1	0
MISSOURI MAMMOTH.....	1	0

DEWBERRIES

MAYES (<i>Austin</i>). Found growing wild in Texas in 1880. Vine vigorous; productive in South; hardy. Berry large, fair quality. Season: very early. Probably the best dewberry in cultivation.....	72	0
LUCRETIA. Found in West Virginia about fifty years ago. Vine vigorous; productive. Berry large; quality good. Season: early. Recommended for Oklahoma.....	49	6
FLINGS BUSH.....	1	0
GARDENIA	1	0
OKLAHOMA SEEDLING.....	1	0
WILSONS WHITE EVERGREEN.....	1	0
PREMO	0	1

LONGANBERRY

LONGANBERRY. Originated in California in 1882. Supposed to be a cross between the dewberry and the European raspberry. Vine vigorous, fairly hardy, and productive in some places. It has not yet been sufficiently tested in Oklahoma to speak authoritatively as to its value here. Fruit large; quality good.....	2	0
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RASPBERRIES

(Fifteen men report a failure to raise this fruit.)

KANSAS. Originated at Lawrence, Kansas, in 1884. Bush vigorous; hardy; productive. Fruit large; quality good, but slightly dry. Season: medium. Probably the

	Favor- able.	Unfa- vorable.
best variety for Oklahoma. The most successful market sort. A blackcap.....	58	1
GREGG. Found growing wild in Indiana in 1866. Bush vigorous; not always hardy; productive. Fruit large; quality good. Season: late. A market sort. Recommended as the best late variety. A blackcap.....	29	2
CUTHBERT. Found growing in New York about 1865. Bush vigorous; not always hardy; productive. Fruit medium size to large; quality good to very good. Season: early. The most popular and best red market variety.....	20	3
COLUMBIAN. A New York seedling of some years' standing. Supposed to be a cross of the Cuthbert and Gregg. Bush vigorous; very productive; not always hardy. Fruit large; quality good. Season: medium. One of the best purple cane varieties.....	17	1
LOUDON. Originated in Wisconsin. Bush vigorous; hardy or nearly so, and productive. Fruit large; quality good. Season: medium. This is one of the best reds for market or home.....	14	2
MILLER. A rather old variety found growing wild in Delaware. Bush only fairly vigorous; not always hardy; moderately productive. Fruit medium size; quality fair. Season: early. A red variety which has nothing special to recommend it as a home or market variety.....	10	3
CARDINAL. Originated at Lawrence, Kansas, in 1888. Bush vigorous, hardy and productive. Fruit above medium size; quality little above fair. Season: medium. A good red for home and market.....	8	0
GOLDEN <i>Queen</i> . Originated at Camden, New Jersey, in 1883. Bush vigorous, hardy and productive. Fruit medium to large; quality good. Season: medium. On account of yellow color and softness only used as home variety.	6	1
OHIO. An old variety originating in New York. Bush variable in vigor and productiveness; hardy. Fruit medium size, only fair quality. Season: medium. Formerly very popular black, used as a drying variety, but being displaced by better kinds.....	5	1
TURNER. An old variety originating in Illinois. Bush vigorous, hardy and productive. Fruit small to medium size; quality good. Season: medium. Desirable red for home or local market.....	5	2
SOUHEGAN. Originated about 1870 in New Hampshire. Bush vigorous, hardy, variable in productiveness. Fruit small to large; quality good. Season: early. Only a fair home variety. A blackcap.....	4	0
HAYMAKER. A comparatively new variety originating in Ohio. Bush vigorous, hardy and productive. Fruit medium to large; quality not quite as good as Columbian, but a little later. Not thoroughly tested, but seems worthy of a trial. A purple variety.....	3	0

	Favor- able.	Unfa- vorable.
RED ANTWERP. One of the oldest European varieties. Bush only fairly vigorous; not hardy nor productive. Fruit large; quality good. Practically displaced by American varieties.	3	0
BRANDYWINE. A fairly old variety said to have been found at Wilmington, Delaware. Bush vigorous, hardy and productive. Fruit medium to above in size; quality only fair. Mid-season. A market variety in its native section of the country. Of doubtful value here. A red variety.	3	1
PALMER. Originated in Ohio and introduced in 1888. Bush variable in vigor; hardy; variable in productiveness. Fruit medium size; fair to good quality. Season: early. Market variety in some sections of West. A blackcap.....	3	1
EUREKA. Said to have been found growing wild on a farm in Ohio. Bush moderately vigorous to vigorous; not always hardy; productive. Fruit medium to large; fair to good quality. Season: early. Used as a market variety in a good many places on account of earliness. A blackcap.....	2	0
MCCORMICK. An old variety which appears to have originated in Indiana. Bush vigorous, hardy and productive. Fruit medium to large; quality good. Mid-season. Still grown to some extent as a commercial variety, but largely displaced by newer and better varieties. A blackcap.....	2	0
SHAFFER. Originated in New York about 1871. Bush vigorous, hardy and productive. Fruit large; quality only fair. Season: late. Used as a drying and canning variety. A purple cane variety.....	2	1
BUCKEYE.	1	0
EARLY RING.....	1	0
EARLY THOMPSON.....	1	0
HANSELL	1	0
NEW STONE FORT.....	1	0
TYLER	1	0
WINONA	1	0
DOOLITTLE	1	1

STRAWBERRIES

GANDY. A fairly new variety from New Jersey. Vigorous. Variable in productiveness; good plant maker. Fruit large to very large; firm; quality good. Flowers perfect. Season: late. Desirable for home use; not so popular a market variety as formerly.....	63	4
KLONDIKE. A new variety originating in Louisiana. Vigorous; productive. Fruit medium to large; firm; quality fair. Mid-season. Flowers perfect. Good market variety.	62	2

	Favor- able.	Unfa- vorable.
THOMPSON, <i>Lady</i> . A comparatively new variety from North Carolina. Productive; a good plant producer. Fruit medium to large; firm; quality fair. Mid-season. Perfect flower. A good market variety; ranks next to Klondike for this purpose.....	50	2
AROMA. A Kansas variety of comparatively recent origin. Vigorous; productive; fair plant producer. Fruit large; firm; high quality. Season: late. Flowers perfect. Desirable for home and market.....	46	1
CRESCENT. Originated in 1868 in Connecticut. Vigorous and productive; good plant producer. Fruit medium size; fairly firm; quality only fair. Season: early. Berries run small as season progresses. Imperfect flowers. Formerly very popular on account of earliness and productiveness as a market variety, but has largely been supplanted in recent years.....	39	1
MICHEL <i>Early</i> . Originated in Arkansas and was introduced in 1889. Only fairly vigorous; rather shy bearer. Fruit medium size to below, rather soft; quality fair. Season: extra early. Perfect flowers. Desirable only for its earliness.	38	2
WARFIELD. Originated in Illinois years ago. Vigorous; productive; good plant producer. Fruit medium size; firm; fair quality. Mid-season. Imperfect flowers. Market variety.....	31	2
BRANDYWINE. Originated in Pennsylvania in 1889 and introduced in 1895. Vigorous; variable in productiveness; fair plant producer. Fruit large; firm; quality good. Season: late. Perfect flowers. Desirable as late home or market variety.....	28	1
BUBACH <i>No. 5</i> . An old variety originating in Illinois. Vigorous and productive, but does not make many runners. Fruit large; quality good; fairly firm. Mid-season. Imperfect flowers. Good variety for home or local market.	26	1
PARKER EARLE. Originated in Texas. Vigorous; productive; poor plant producer. Fruit medium to large; firm; quality fair. Season: late. Perfect flowers. Market. Not adapted to wide range of soil; does best on rich soil.....	20	3
SHARPLESS. An old Pennsylvania variety. Vigorous; not productive; fair plant maker. Fruit large to very large; irregular in shape, often coxcomb; firm; quality good. Mid-season. Perfect flowers. Practically displaced by other varieties as market sort. Still raised in places for home use.....	15	1
HAVERLAND. Originated in 1882 in Ohio. Vigorous; fairly productive; not a good plant producer. Fruit large, oblong and pointed;; quality good; pale color. Mid-season to late. Imperfect flowers. Home and market variety.....	14	1
JESSIE. Originated in Wisconsin in 1880. Vigorous; not productive; fair plant producer. Fruit very variable		

	Favor- able.	Unfa- vorable.
in size; fairly firm; quality good. Mid-season. Perfect flowers. Adapted to certain soils and localities both as home and fancy market, but of doubtful value here.....	12	0
DUNLAP, <i>Senator</i> . Originated in Illinois and introduced in 1900. Vigorous; productive; extra good plant producer. Fruit medium to large; firm; good quality. Mid-season. Perfect flowers. Good home and market variety.	12	0
TENNESSEE PROLIFIC. A comparatively new variety originating in Tennessee. Vigorous and productive; good plant maker. Fruit medium size; firm; quality good. Mid-season. Perfect flowers. Good home and market variety.	10	0
BEDERWOOD. Originated in Illinois in 1883, and introduced in 1890. Vigorous; productive; good plant producer. Fruit variable in size; fairly firm; quality good. Season: early. Perfect flowers. Fruit too small to be desirable.	8	0
DOWNING. An old variety originating in Kentucky. Vigorous; variable in productiveness; good plant producer. Fruit medium to large; firm; quality good. Mid-season. Perfect flowers. Almost displaced by later productions.	8	0
EXCELSIOR. Originated in 1892 in Arkansas. Vigorous and productive; good plant maker. Fruit medium to small; firm; quality fair; very tart. Season: very early. Flowers perfect. One of the most popular early market varieties.	7	0
CUMBERLAND. An old variety which originated in Pennsylvania. Vigorous; variable in productiveness. Not good plant maker. Fruit large; rather soft; quality hardly good. Mid-season. Perfect flowers. Almost displaced by better kinds.....	5	0
GLEN MARY. Originated in Pennsylvania and introduced in 1896. Vigorous; only fairly productive. Not a good plant producer. Fruit large; firm; quality only fair. Mid-season. Perfect flowers, although poor pollenizer. Not recommended.....	5	2
RIDGEWAY. Originated in Indiana and introduced in 1897. Variable in vigor and productiveness. Fruit small to large; medium firm; quality good to below. Mid-season. Perfect flowers. Of doubtful value.....	4	0
TEXAS. A new variety introduced from Arkansas. Vigorous; productive. Not as good plant maker as Excelsior. Berries medium size; firm; fair quality; a little tart. Season: early. Perfect flowers. Has not been thoroughly tested. Recommended by some as market and home variety.....	4	0
EUREKA. A comparatively new variety originating in Ohio. Moderately vigorous and productive. Fruit large; firm; quality fair. Early to mid-season. Flowers imperfect. Of doubtful value.....	3	0

	Favor- able.	Unfa- vorable.
WILSON. An old standard variety originating in New York in 1857. Fairly vigorous and productive; good plant maker. Fruit medium to large; firm; quality only fair. Early to mid-season. Flowers perfect. This variety seems to have deteriorated with age; not nearly as good as formerly. Now generally replaced with better sorts.....	3	1
BLONDE. A comparatively new variety from Indiana, where it is reported as follows: "Vigorous and productive. Fruit large; firm; quality good. Mid-season. Imperfect flowers." Practically unknown in this section of the country.....	2	0
CORSICAN. A comparatively new variety originating in New York. Vigorous; not productive; poor plant maker. Fruit large to very large; rather soft; good quality. Mid-season. Flowers perfect. Of doubtful value.....	2	0
ENORMOUS. A seedling of Crescent originating in Illinois. Fairly vigorous; only moderately productive; not a good plant maker. Fruit large to very large; irregular in shape; fairly firm; quality fair. Mid-season. Imperfect flowers. Not desirable.....	2	0
GREENVILLE. Originated in Ohio and introduced in 1902. Vigorous; productive; and good plant producer. Fruit large; fairly firm; quality good. Mid-season. Imperfect flowers. Promising home variety.....	2	0
WOOLVERTON. Originated in Canada and introduced in 1891. Vigorous; variable in productiveness; good plant producer. Fruit large; variable in shape; not very firm; quality good. Mid-season. Perfect flowers. Not thoroughly tested in this section, but of doubtful value.....	2	1
BELT, <i>Wm</i>	1	0
FENDALL	1	0
HIGHLAND	1	0
NORWOOD	1	0
PRIDE OF MICHIGAN.....	1	0
SOUTHERN PROLIFIC.....	1	0
TEXAS RIDGEWAY.....	1	0
ENHANCE	0	1
HOFFMAN	0	2

GOOSEBERRIES

(Sixteen men failed to raise gooseberries successfully.)

Remarks. Our climate is too dry and hot for gooseberries to thrive. They should be raised only for home use, and planted on north exposures and in damp locations.

HOUGHTON. An old Massachusetts variety originating in 1833. Plants vigorous, slender and drooping; pro-

	Favor- able.	Unfa- vorable.
DOWNING. An old New York variety. Plant vigorous, upright, productive. Fruit medium size, color green; quality good.....	42	5
CHAMPION. Said to have originated in Oregon. Plants upright and productive. Fruit medium to large; color yellowish green; quality good.....	15	2
SMITH. An old variety originating in Vermont. Plant vigorous; not as productive as Downing. Fruit medium size; color green; quality good.....	8	1
INDUSTRY. An old European variety. Vigorous and one of the most productive of European varieties. Fruit medium to large; dark red; quality good. Mildews very badly.	8	5
PALE RED. An old American variety. A strong grower and productive. Fruit small; color red; quality good.	4	1
JOSSELYN (<i>Red Jacket</i>). An old variety originating in Canada, and introduced in New York about 1890. Plants vigorous and productive. Fruit large; pale red in color. This variety is different from the European Red Jacket....	4	3
PEARL WHITE.....	1	0
CHAUTAUQUA	1	3