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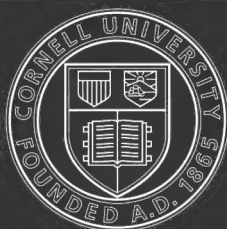
FRUIT EXPERIMENT STATIONS

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BULLETIN 179

Fruits Recommended for Planting in Ontario

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Ontario Department of Agriculture

FRUIT EXPERIMENT STATIONS.

FRUITS RECOMMENDED FOR PLANTING

IN VARIOUS PARTS OF THE PROVINCE OF ONTARIO, AFTER CAREFUL TESTS OF VARIETIES MADE AT THE VARIOUS FRUIT EXPERIMENT STATIONS, AND BY EXPERIENCED GROWERS.

FRUIT EXPERIMENT STATIONS.

ADVISORY BOARD, 1910.

- G. C. CREELMAN, President of Agricultural College, Guelph, *Chairman*.
 J. W. CROW, Professor of Pomology, Guelph.
 H. S. PEART, Director Horticultural Experiment Station, Jordan Harbor.
 W. T. MACOUN, Horticulturist, Central Experimental Farm, Ottawa.
 HAROLD JONES, Maitland.
 E. D. SMITH, Winona.
 J. L. HILBORN, Leamington.
 P. W. HODGETTS, Parliament Buildings, Toronto, *Secretary*

THE ONTARIO FRUIT STATIONS.

| Name. | Specialty. | Experimenter. |
|---|------------|---------------------------------|
| 1. Southwestern Peaches and Hothouse Vegetables | | J. L. HILBORN, Leamington. |
| 2. Wentworth ... Grapes | | MURRAY PETTIT, Winona. |
| 3. Lake Huron .. General | | A. E. SHERRINGTON, Walkerton. |
| 4. St. Lawrence Apples | | HAROLD JONES, Maitland. |
| 5. Algoma Hardy Fruits | | CHAS. YOUNG, Richard's Landing. |
| 6. Essex Vegetables | | E. E. ADAMS, Leamington. |
| 7. Ontario Horticultural Experiment Station, | | H. S. PEART, Jordan Harbor. |

EXPLANATORY REMARKS.

General Lists. After testing a large number of varieties of fruit at the various fruit stations, the Advisory Board has decided upon the following as the most desirable for general planting.

District Lists. The District Lists given by the various experimenters show varieties especially adapted to the sections represented by

their stations. In this bulletin prominent fruit growers in various districts have supplemented the lists previously published, which in some cases were incomplete. The boundaries given for the various districts are merely suggestive, as it is impossible to define these definitely, one merging gradually into the other.

The term *Commercial* is intended to include the varieties most desirable for market purposes, and the term *Domestic* those most desirable for home uses, either cooking or dessert.

These lists are given, as far as possible, in the order of ripening.

It is realized that there are many varieties not included in these lists which may do well *under special conditions*, yet which are generally not considered so desirable as those mentioned.

The Advisory Board recognizing the great disadvantage which faces inexperienced persons who desire to engage in fruit growing for profit, because of the very large and confusing list of varieties, has ordered the publication of these select lists of tested varieties which shall serve as a guide to intending planters. The practice in modern horticulture is to reduce the number of varieties of a fruit planted to within possibly a half-dozen varieties in an orchard. This is to be commended for the commercial orchard specially, and the following lists should be used from which to select such varieties.

GENERAL LISTS OF THE MOST VALUABLE VARIETIES FOR MARKET
APPROVED BY THE BOARD OF CONTROL.

APPLES.

Summer.

Astrachan: Adapted to all sections except the extreme north.

Duchess: Adapted to all sections.

Fall.

Gravenstein: Adapted to all sections except the St. Lawrence River and other northerly portions of the Province.

Wealthy: Particularly valuable for northern sections.

Alexander: Especially for northern districts.

McIntosh: Adapted especially to the St. Lawrence River district, but can be grown over a much wider area.

Fameuse: Adapted especially to the St. Lawrence River district, but succeeds well over a much wider area.

Blenheim: Adapted to all sections except the St. Lawrence River district and other northerly portions of the Province.

Winter.

King: Adapted only to the best apple sections, and succeeds best when top-grafted on hardy stocks.

Hubbardston: Adapted to the best apple sections.

Greening: Adapted to the best apple sections.

Baldwin: Succeeds best on clay land, and is adapted to the best apple districts.

Northern Spy: Adapted to the best apple districts, but can be grown with success farther north by top-grafting on hardy stocks. This is also a good method of bringing it into early bearing.

Cranberry: Succeeds best in the eastern winter apple districts, the tree, however, being slightly tender when young.

Stark: Adapted to best apple districts.

VARIETIES ESPECIALLY ADAPTED TO HOME USE.

Summer.

Transparent: Adapted to all sections.

Primate: Adapted to best apple sections.

Sweet Bough: Adapted to best apple sections.

Duchess: Adapted to all sections.

Fall.

Chenango: Adapted to best apple sections.

Gravenstein: Adapted to best apple sections.

Wealthy: Especially adapted to northern sections.

McIntosh: Especially adapted to northern sections.

Fameuse: Especially adapted to northern sections.

Blenheim: Adapted to best apple sections.

Winter.

King: Adapted to best apple sections. Should be top-grafted.

Wagener: Adapted to best apple sections.

Swayzie: Adapted to all sections except most northerly.

Greening: Adapted to best apple districts.

Tolman: Adapted to best apple districts.

Northern Spy: Adapted to best apple districts, but will succeed farther north if top-grafted.

HARDY APPLES RECOMMENDED FOR SECTIONS NORTH OF LATITUDE 46 DEGREES.

Summer.

Transparent, *Lowland Raspberry*, *Charlamoff*.

Fall and Winter.

Duchess, *Wealthy*, *Hibernal*, *Longfield*, *Patten*, *Whitney*, *Hyslop*, *Milwaukee*.

CRAB APPLES.

Whitney: A large crab of high quality, suitable for planting in the extreme north where other apples will not succeed. May be used for dessert or cooking.

Martha: An early crab of fair quality.

Transcendent: Yellowish crab, season early autumn.

Hyslop: Dark, rich, red crab, of late season, quality only fair.

CHERRIES.

Hardy varieties suitable for any portions of the Province bounded by Lakes Ontario, Erie, Huron and the Georgian Bay: Orel, Richmond, Montmorency, Russian 207. For southern sections see district lists.

PEACHES.

GENERAL LIST FOR NIAGARA DISTRICT ONLY.

Commercial: *Alexander, St. John, †Early Crawford, *Champion, †Brigdon or Garfield, †Fitzgerald, †Reeves, †Niagara, Elberta, *Oldmixon, Beers Smock.

Domestic: Hynes, St. John, Early Crawford, Oldmixon, Crosby, Stevens, Lemon Free.

*Should be planted with caution and must receive high culture.

†Very similar and any of these varieties may be set, but all are not needed to cover the season.

PEARS.

Commercial: Giffard, Clapp, Bartlett, Boussock, Flemish (hardy, subject to spot), Howell, Louise, Duchess, Bosc, Clairgeau, Anjou, Kieffer.

Domestic: Summer Doyenne, Giffard, Bartlett, Flemish (for the north), Sheldon, Seckel, Bosc, Anjou, Lawrence, Josephine, Nelis.

PLUMS.

COMMERCIAL AND DOMESTIC:

Americana: These are extremely hardy and desirable where the European and Japanese varieties cannot be grown; Aitkin, Cheney, Bixby, Mankato, Wolf, Hawkeye, Stoddard.

European: Bradshaw, Imperial Gage, Gueii, Shipper Pride, Lombard (liable to overbear, requires thinning). Quackenboss, Yellow Egg, Grand Duke, Golden Drop (Coe), Reine Claude (one of the best for canning).

Japanese: These are apparently quite as hardy as the European varieties: Red June, Abundance, Burbank, Chabot, Satsuma (red fleshed, desirable for canning).

QUINCES.

Fuller, Orange (the leading market variety in Ontario), Champion (for Southern Ontario only, as it ripens too late for other sections).

GRAPES.

COMMERCIAL AND DOMESTIC:

Black: Moore, Campbell, Worden, Concord, Wilder.

Red: Delaware, Lindley, Agawam, Vergennes.

White: Diamond, Niagara.

FOR NORTHERN SECTIONS:

Black: Champion, Moore, Campbell, Worden.

Red: Moyer, Brighton, Delaware, Lindley.

White: Winchell, Diamond.

BLACKBERRIES.

Agawam, Snyder, and for southern sections, Kittatinny.

CURRANTS.

Black: Black Victoria, Champion, Lee, Naples, Saunders.

Red: Cherry, Fay, Pomona, Red Cross, Victoria, Wilder.

White: Grape.

GOOSEBERRIES.

American Varieties: Pearl, Downing, Red Jacket.

English Varieties: Crown Bob, Whitesmith. Not recommended on account of mildew unless to be thoroughly sprayed with the lime sulphur mixture.

RASPBERRIES.

Black: Hilborn, Older, Gregg, Smith Giant.

Purple: Columbian, Shaffer.

Red: Marlboro, Herbert, Cuthbert.

White: Golden Queen.

STRAWBERRIES.

Commercial: Bederwood (P.), Splendid (P.), Warfield (Imp.) not suited to light sandy soil, Greenville (Imp.), Williams (Imp.), Saunders (P.), Sample (Imp.), Irene (Imp.), Buster (Imp.).

Domestic: Excelsior (P.), Splendid (P.), Dunlap (P.), Ruby (P.), Bubach (Imp.), Lovett (P.), Irene (Imp.), Belt (P.).

Note: These varieties vary somewhat in order of their ripening season. In selecting varieties for planting, perfect-flowered varieties should be included to fertilize those having imperfect flowers.

NIAGARA DISTRICT.

(Including the Niagara Peninsula from the Niagara River to Hamilton and north of the escarpment.)

ROBT. THOMPSON, ST. CATHARINES.

APPLES:

Commercial: Astrachan, Duchess, Gravenstein, Blenheim, Cranberry, Hubbardston, King, Greening, Baldwin, Spy.

Domestic: Harvest, Sweet Bough, Duchess, Gravenstein, Fall Pippin, Fameuse, Wagener, Spitzenburg, Jonathan, Tolman.

PEARS (for long distance shipments): Gifford, Clapp, Bartlett, Bosc, Duchess, Anjou, Kieffer (in limited numbers).

PLUMS: Red June, Shiro, Burbank, Arctic, German Prune, Grand Duke, Monarch, Reine Claude.

STRAWBERRIES (for long distance shipments): Williams, Brandywine.

E. D. SMITH, WINONA.

CHERRIES:

Sour: Richmond, Montmorency, Large English Morello.

Sweet: White—Gov. Wood, Napoleon.

Black—Knight, Tartarian, Mezel, Windsor, Schmidt Bigarreau (for clay only).

MURRAY PETTIT, WINONA.

PEARS: Giffard, Bartlett, Howell, Louise, Duchess (dwarf), Anjou, Kieffer.

PLUMS: Burbank, Bradshaw, Lombard, Grand Duke, Monarch, Reine Claude.

GRAPES:

Black: Champion, Worden, Wilder.

Red: Delaware, Lindley, Agawam, Vergennes.

White: Diamond, Niagara.

S. H. RITTENHOUSE, JORDAN HARBOR.

PEACHES: St. John, Early Crawford, Fitzgerald, Elberta, Lemon Free, Beers Smock.

RED RASPBERRIES: Marlboro, Cuthbert.

STRAWBERRIES: Dunlap, Brandywine, Williams.

W. C. MCCALLA, ST. CATHARINES.

PEACHES: St. John, Early Crawford, Fitzgerald, Niagara, Elberta, Late Crawford, Chairs, Smock. (From prices received this year it looks as if this variety may have been overplanted.)

F. G. STEWART, HOMER.

CHERRIES:

Sour: Richmond, Montmorency. (The English Morello, Ostheim and Wragg ripen late here, and are apt to be stung before they are harvested.)

Sweet: White—Gov. Wood, Elton, Napoleon, Spanish.

Black—Tartarian, Elkhorn, Windsor.

J. W. SMITH & SONS, WINONA.

PEACHES: Triumph (5); Leamington (5); St. John (15); Early Crawford (10); New Prolific (10); Champion (5); Rareripec (10); Elberta (20); Late Crawford (5); Lemon Free (10); Smock (5).

The figures refer to the percentages of each variety that this firm recommends for planting.

H. STC. FISHER, QUEENSTON.

PEACHES:

Commercial: Sneed (White), Triumph, Carman (White), St. John, Fitzgerald, Jacques, Reeves, Niagara, Elberta, Late Crawford, Beers Smock.

Domestic: Triumph, St. John, Fitzgerald, Reeves, Champion (White), Chairs, Longhurst.

Note:—The Triumph requires a rich sandy loam well fertilized every year with well-rotted compost manure applied during early winter, and in spring just before plowing a heavy application of muriate of potash and pure bone. Proper pruning of tree and thinning of fruit are also required.

FONTHILL DISTRICT.

(Including Townships of Pelham, Stamford and Thorold.)

E. MORRIS, FONTHILL.

APPLES: Transparent, King, Baldwin, Spy, Mann.

CHERRIES:

Sour: Richmond, Montmorency.

Sweet: Napoleon, Schmidt Bigarreau.

PEACHES: St. John, Jacques, Fitzgerald, Elberta, Smock.

PEARS: *Standard*: Clapp, Bartlett, Clairgeau and Anjou.

PLUMS: Abundance, Bradshaw, Lombard, Monarch, German Prune, Reine Claude.

GRAPES:

Black: Campbell, Worden, Wilder, Concord.

White: Niagara.

BLACKBERRIES: Eldorado, Gainor, Ward, Blowers.

CURRANTS:

Black: Lee, Champion.

Red: Fay, Prince Albert.

White: Grape, Imperial.

GOOSEBERRIES:

American: Pearl, Downing.

English: Keepsake, Victoria, Whitesmith.

RASPBERRIES:

Black: Cumberland.

Red: Herbert, Cuthbert, Ruby.

G. C. BROWN, FONTHILL.

CHERRIES:

Sour: Richmond, Montmorency.

Sweet: Tartarian, Knight, Napoleon.

PEACHES: Triumph, Greensboro, St. John, Fitzgerald, Elberta, Golden Drop or Banner, Smock.

GRAPES: Moore, Worden, Niagara, Delaware, Concord.

CURRANTS:

Red: Cherry, Perfection, Prince Albert.

RASPBERRIES:

Red: Cuthbert.

STRAWBERRIES: Lovett, Williams, Sample.

BURLINGTON—OAKVILLE DISTRICT.

(Including the southern part of the counties bordering on Lake Ontario between Hamilton and Toronto.)

A. W. PEART, BURLINGTON.

APPLES:

Commercial: Duchess, Wealthy, Ribston, Blenheim, King, Baldwin, Spy.

Domestic: Sweet Bough, Duchess, Wealthy, Ribston, King, Wagener Seek, Tolman, Spy.

CHERRIES:

Commercial: Dyehouse, Richmond, Windsor, Montmorency, English Morello.

Domestic: May Duke, Windsor, Montmorency.

PEACHES: Sneed, Alexander, St. John, Early Crawford, Champion, Elberta, Smock.

PEARS:

Commercial: Wilder, Clapp, Bartlett, Boussock, Louise, Duchess (dwarf), Anjou, Kieffer, Lawrence, Nelis.

Domestic: Wilder, Bartlett, Seckel, Louise, Anjou, Nelis.

PLUMS:

Commercial: (EUROPEAN), Bradshaw, Niagara, Imperial Gage, Lombard, Prince of Wales, Yellow Egg, Reine Claude, Staunton.

JAPANESE: Red June, Abundance, Burbank.

Domestic: Saunders, Niagara, Imperial Gage, Orleans, Lombard, Prince of Wales, Yellow Egg, Reine Claude.

GRAPES:

Black: Moore, Worden, Concord.

Red: Moyer, Delaware, Wyoming, Lindley, Vergennes.

White: Diamond, Niagara.

BLACKBERRIES: Snyder, Western Triumph, Agawam.

CURRENTS:

Black: Lee, Naples, Saunders, Collins, Champion.

Red: Cherry, Fay, Pomona, Wilder, Victoria, North Star, Prince Albert.

White: Grape, Imperial.

GOOSEBERRIES: Pearl, Downing, Red Jacket.

RASPBERRIES:

Red: Marlboro, Herbert, Cuthbert.

STRAWBERRIES: Bederwood, Dunlap, Williams, Gibson, Glen Mary, Leader.

W. G. HORNE, CLARKSON.

APPLES: Astrachan, Duchess, Wealthy, Baldwin, Greening, Spy.

PEARS: Bartlett, Anjou.

RASPBERRIES: Cuthbert.

STRAWBERRIES: Sample, Williams, Glen Mary.

LAKE ERIE DISTRICT.

(Including approximately the Counties of Welland, *excluding Fonthill District*, Haldimand, Norfolk and Elgin.)

JAS. E. JOHNSON, SIMCOE.

APPLES: Wealthy, Fameuse, McIntosh, Baldwin, Greening, King, Spy.
 STRAWBERRIES: Warfield, Dunlap, Splendid, Sample, Enhance.

ESSEX PENINSULA.

(Including Essex, Kent and Pelee Island.)

J. L. HILBORN, LEAMINGTON.

APPLES:

Commercial: Duchess, Blenheim, Baldwin, Stark, Hubbardston, Spy.

Domestic: Transparent, Golden Sweet, Duchess, King, Tolman, Spy.

CHERRIES: Richmond, Montmorency, Windsor.

PEACHES:

Commercial: Dewey, St. John, New Prolific, Engle, Kalanazoo, Elberta, Banner, Golden Drop, Lemon.

Domestic: St. John, Mountain Rose, Oldmixon, Barnard, Crosby, Lemon.

PEARS: Bartlett, Anjou, Duchess.

PLUMS:

Commercial: Burbank, Lombard, Imperial Gage, Yellow Egg, Reine Claude.

Domestic: Imperial Gage, Bradshaw, Reine Claude.

GRAPES:

Commercial:

Black: Champion, Moore, Concord.

Red: Brighton, Vergennes, Catawba.

White: Diamond, Niagara.

Domestic:

Black: Moore, Worden, Herbert.

Red: Delaware, Vergennes, Catawba.

White: Diamond, Niagara.

BLACKBERRIES: Mersereau, Eldorado, Kittatinny.

CURRANTS:

Black: Victoria, Champion.
Red: Cherry, Fay, Wilder.
White: Grape.

GOOSEBERRIES: Pearl, Downing, Whitesmith.

RASPBERRIES:

Black: Kansas, Hilborn, Gregg.
Red: Marlboro, Cuthbert.
Yellow: Golden Queen.
Purple: Columbian.

 BRANT DISTRICT.

(Including Counties of Brant, Oxford, Middlesex and southwestern part of Perth.)

J. C. HARRIS, INGERSOLL.

APPLES:

Summer: Duchess.
Autumn: Blenheim, Gravenstein, Ribston, Alexander.
Winter: Greening, Baldwin, King (top grafted), Spy, Stark.

RASPBERRIES: Cuthbert, Columbian.

STRAWBERRIES: Warfield, Dunlap, Bederwood, Haverland, Williams, Sample, Enhance.

C. W. GURNEY, PARIS.

APPLES: Blenheim, King, Baldwin, Spy, Greening.

 FOREST DISTRICT.

(Including the County of Lambton.)

D. JOHNSON, FOREST.

APPLES: Baldwin, Greening, Golden Russet, Hubbardston, and (if grafted on Tolman) King and Spy.

CHERRIES: Richmond, Montmorency.

PEACHES: For those parts of the county influenced by the lake: St. John, Fitzgerald, Late Crawford, Engle, Elberta, Smock.

PLUMS: Bradshaw, Imperial Gage, Reine Claude.

RASPBERRIES: Marlboro, Cuthbert.

STRAWBERRIES: Dunlap, Warfield, Williams, Belt, Bederwood.

LAKE HURON DISTRICT.

(Including the Counties of Huron and Bruce.)

A. E. SHERRINGTON, WALKERTON.

APPLES:

Commercial: Duchess, King, Spy.*Domestic*: Astrachan, Duchess, Colvert, Blenheim, McIntosh, Fameuse, King, Greening, Tolman, Spy.

CHERRIES:

Commercial: Richmond, Olivet, Montmorency.*Domestic*: Spanish, Richmond, Olivet, Windsor, Montmorency.

PEARS: Clapp, Bartlett, Louise, Clairgeau, Anjou, Dempsey, Lawrence.

PLUMS:

Japanese: Burbank.*European*: Bradshaw, Purple Egg, Imperial Gage, Shipper Pride, Lombard, Glass, Quackenboss, Yellow Egg, Monarch, Grand Duke, Reine Claude.

GRAPES: Champion, Moore, Worden, Niagara, Concord.

BLACKBERRIES: Agawam, Eldorado.

CURRANTS:

Black: Champion, Naples, Lee, Saunders, Victoria.*Red*: Red Cross, Fay, Cherry, Perfection, Prince Albert.*White*: Grape, Imperial.

GOOSEBERRIES: Pearl, Downing.

RASPBERRIES:

Black: Conrath, Hilborn.*Red*: Marlboro, Herbert, Cuthbert.*White*: Golden Queen, Brinckle Orange.

STRAWBERRIES: Brandywine, Glen Mary, Williams.

GEORGIAN BAY DISTRICT.

(Including northern portions of the Counties of Grey and Simcoe, bordering on the Georgian Bay.)

J. G. MITCHELL, CLARKSBURG.

(For both commercial and domestic purposes.)

APPLES:

Summer: Astrachan, Duchess.

Fall: Gravenstein, St. Lawrence, Alexander, Wealthy, Twenty Oz., McIntosh.

Winter: Greening, King, Baldwin, Spy.

CHERRIES: Richmond, May Duke, Montmorency, Olivet.

PEACHES: Triumph, Fitzgerald, Early Crawford, Late Crawford, Tyhurst, Crosby.

PEARS: Clapp, Bartlett, Flemish, Howell, Bartlett-Seckel, Seckel, Louise, Duchess, Anjou, Clairgeau.

PLUMS: Red June, Washington, Bradshaw, Imperial Gage, Lombard, Quackenboss, Archduke, Monarch, Yellow Egg, Prune de Agen, Golden Drop, Reine Claude.

GRAPES:

Black: Champion, Campbell, Worden.

Red: Delaware, Brighton, Vergennes, Salem.

White: Winchell, Diamond, Niagara.

CURRANTS:

Black: Lee, Champion.

Red: Cherry, Fay.

White: Grape.

GOOSEBERRIES: Houghton, Pearl, Downing, Red Jacket, Industry.

RASPBERRIES:

Red: Marlboro, Herbert, Cuthbert.

Black: Hilborn, Older, Gregg.

LAKE SIMCOE DISTRICT.

(Including the northern and eastern section of Simcoe and northern sections of York and Ontario bordering on Lake Simcoe.)

G. C. CASTON, CRAIGHURST.

APPLES:

Commercial: Duchess, Peerless, Alexander, Wolf, Blenheim, Pewaukee, Stark, Baxter, Fallawater, Seek, and the following if top-worked on hardy stocks: Greening, King, Ontario, Baldwin, Spy.

Domestic: Astrachan, Louise, St. Lawrence, Fameuse, McIntosh, King, Spy.

CHERRIES:

Commercial and Domestic: Orel 24, Ostheim, Lithaur, Russian 207, Montmorency, Bessarabian, Dyehouse, English Morello.

PEARS: Clapp, Bartlett.

PLUMS: Burbank, Staunton.

GRAPES: Campbell, Moyer, Moore, Diamond, Winchell.

BLACKBERRIES:

Commercial and Domestic: Agawam, Eldorado.

CURRANTS:

Black: Naples, Victoria.

Red: Fay, Versaillaise, Cherry.

White: Grape.

GOOSEBERRIES: Pearl, Downing.

RASPBERRIES: Marlboro, Herbert, Cuthbert.

GUELPH DISTRICT.

(Including the high inland Counties of southwestern Ontario, *i.e.*, Wellington, Waterloo, northwestern section of Perth, south part of Grey, Dufferin, and northwest section of Peel and Halton.)

PROF. J. W. CROW, O. A. C., GUELPH.

APPLES:

Commercial: Duchess, Alexander, Wealthy, Fameuse, McIntosh.

Domestic: Astrachan, Duchess, Alexander, Wealthy, Fameuse, McIntosh, Bellflower, Tolman.

CRAB APPLES: Whitney, Martha.

CHERRIES: Richmond, Montmorency.

PEARS: Clapp, Flemish, Seckel, Sheldon, Anjou.

PLUMS: Bradshaw, Imperial Gage, Shipper Pride, Lombard, Reine Claude, Glass.

GRAPES:

Black: Moore.

Red: Moyer.

White: Winchell.

CURRANTS:

Black: Victoria, Champion, Saunders.

Red: Red Cross, Victoria, Fay.

White: Grape.

GOOSEBERRIES: Red Jacket, Whitesmith.

RASPBERRIES:

Black: Older, Smith Giant.

Red: Marlboro, Herbert, Cuthbert.

Purple: Columbian.

White: Golden Queen.

 LAKE ONTARIO DISTRICT.

(Including the southern portions of the Counties bordering on the Lake Ontario shore from Toronto to Kingston.)

ELMER LICK, OSHAWA.

APPLES: Gravenstein, McIntosh, Fameuse, Blenheim, Greening, Baldwin (on clay land), Spy.

[If further varieties are required add Golden Russet (for wet spots), Cranberry, Fallawater, Stark (liable to be overplanted)].

W. H. DEMPSEY, TRENTON.

APPLES:

Commercial: Duchess, Gravenstein, Trenton, Alexander, Wealthy, Fameuse, McIntosh, King, Greening, Baldwin, Ontario, Seek, Spy, Tolman, Ben Davis, Stark.

Domestic: Benoni, Primate, Gravenstein, Fameuse, McIntosh, Grimes, Greening, Ontario, Spy, Tolman, Swayzie.

CHERRIES:

Commercial and Domestic: Richmond, Montmorency.

PEARS:

Commercial and Domestic: Giffard, Tyson, Clapp, Boussock, Hardy, White Doyenne, Dempsey, Bosc, Clairgeau, Goodale, Lawrence, Josephine.

P. A. GREER, WELLINGTON.

RASPBERRIES: Cuthbert, Columbian.

STRAWBERRIES: Dunlap.

A. B. ARNOTT, TRENTON.

BLACKBERRIES: Snyder.

GRAPES:

Black: Moore, Worden, Concord.

Red: Brighton, Lindley, Agawam, Massasoit.

White: Niagara, Pocklington.

ST. LAWRENCE VALLEY DISTRICT.

(Including the valley of the St. Lawrence River from Kingston to the eastern boundary of the Province.)

HAROLD JONES, MAITLAND.

APPLES:

Commercial: Duchess, St. Lawrence, Alexander, Wolf, Wealthy, Scarlet Pippin, Fameuse, McIntosh, Baxter, Milwaukee, Tolman, Golden Russet.

Domestic: Transparent, Astrachan, Brockville Beauty, St. Lawrence, Scarlet Pippin, Fameuse, McIntosh, Blue Pearmain, Bellflower, Tolman, Swayzie.

CHERRIES: Richmond, Montmorency, Orel, English Morello.

PEARS: Flemish (if grown in sod). Ritson (not so hardy in fruit bud as Flemish).

PLUMS:

Americana: Aitkin, Bixby, Mankato, Cheney, Wolf, Schley, Brackett, Hawkeye, Stoddard.

European: Glass, Raynes, Mount Royal, Lunn.

GOOSEBERRIES: Golden Prolific, Downing.

RASPBERRIES: Herbert.

STRAWBERRIES: Belt, Williams, Wolverton, Climax, Saunders, Miller.

OTTAWA DISTRICT.

(Including the Ottawa Valley and the eastern portion of the Province not elsewhere enumerated, south of latitude 46 deg.)

W. T. MACOUN, HORTICULTURIST, CENTRAL EXPERIMENTAL FARM,
OTTAWA.

APPLES:

Commercial and Domestic:

Summer: Transparent, Lowland Raspberry, Duchess.

Autumn: St. Lawrence, Wealthy, Alexander.

Early Winter: McIntosh, Fameuse, Wolf.

Winter: Milwaukee, Baxter, Scott.

Additional varieties suggested for domestic use:

Summer: Langford Beauty.

Autumn: Peach of Montreal, McMahan.

Winter: Swayzie, Pewaukee, Golden Russet, Rufus.

CRAB APPLES:

Commercial and Domestic: Whitney, Martha, Hyslop.

CHERRIES:

Domestic Only: Orel 25, Vladimir, Minnesota, Ostheim, Cerise d'Ostheim.

PEARS:

Commercial and Domestic: Flemish in most favored parts.

PLUMS:

Commercial and Domestic:

Americana and Nigra: Aitkin, Bixby, Mankato, Cheney, Wolf, Schley, Brackett, Hawkeye, Stoddard.

European and Domestic: Early Red (Russian), Mount Royal, Glass, Montmorency, Raynes, Perdrigon.

GRAPES:

Black: Early Daisy, Manito, Worden, Merrimac, Wilder.

Red: Moyer, Brighton, Delaware, Lindley.

White: Winchell, Diamond.

BLACKBERRIES:

Domestic Only: Agawam, Snyder.

CURRANTS:

Commercial and Domestic:

Black: Saunders, Kerry, Clipper, Eclipse, Climax, Collins, Prolific, Black Victoria.

Red: Pomona, Victoria, Dutch and Wilder in the most favoured parts.

White: Grape.

GOOSEBERRIES:

Commercial and Domestic: Pearl, Downing and Red Jacket.

RASPBERRIES:

Commercial and Domestic:

Black: Hilborn, Older, Cumberland.

Red: Marlboro, Herbert.

Yellow: Golden Queen.

STRAWBERRIES:

Commercial: Bederwood (P.), Splendid (P.), Warfield (Imp.), not suited to light soil; Greenville (Imp.), Parson Beauty (P.), Pocomoke (P.), Sample (Imp.), Buster (Imp.).

Domestic: Excelsior (P.), Splendid (P.), Dunlap (P.), Lovett (P.), Ruby (P.), Bubach (Imp.), Belt (P.).

The Williams does not seem to do as well in Eastern Ontario as in Western.

ALGOMA DISTRICT.

(Including the islands of Manitoulin and St. Joseph, and a limited portion of the northern and eastern shore of the Georgian Bay.)

CHAS. YOUNG, RICHARD'S LANDING.

APPLES:

Summer: Transparent, Charlamoff, Astrachan.

Autumn: Duchess, Peach, St. Lawrence, Alexander, North Star, Colvert, Gideon.

Early Winter: McIntosh, Winter St. Lawrence, Wolf, Baxter, Longfield, Louise, Wealthy.

Late Winter: Walbridge, Scott, Pewaukee.

Crab Apples: Whitney, Hyslop, Isham.

CHERRIES:

If near the influence of the water, Richmond, Montmorency, **English** Morello, Orel 25, and Ostheim.

PLUMS:

European: Glass, Lombard, Early Red (Russian), Trabesh (Russian).

Americana: Cheney, Wolf, Hawkeye, Stoddard.

GRAPES: Campbell, Moore, Winchell.

CURRANTS:

Black: Saunders, Champion, Victoria.

Red: Dutch, Versaillaise.

White: Grape.

GOOSEBERRIES: Golden Prolific, Pearl, Downing, Red Jacket.

RASPBERRIES:

Red: Marlboro, Loudon.

White: Brinckle Orange (for quantity only).

 SPECIAL LISTS OF APPLES.

The Department of Agriculture is frequently asked as to the best varieties to plant for specific purposes, such as the home markets, the box apple trade, etc. Some of our growers, in response to inquiries, state that with few exceptions they would plant the same varieties for all markets, choosing standard kinds of high quality, such as King, Spy, and Baldwin for winter use. Others again would specialize, believing that

certain markets prefer and pay higher prices for some varieties as against other kinds which the growers might consider just as valuable. The following lists are submitted as guides to those who may desire to follow out such specializing:

VARIETIES RECOMMENDED FOR IMMEDIATE RETURNS.

W. H. DEMPSEY, Trenton: Duchess, Alexander, Wealthy, Fameuse, Ontario, Seek, Spy.

ELMER LICK, Oshawa: Duchess, Wealthy, Fameuse, Wagener, Stark.

ROBT. THOMPSON, St. Catharines: Duchess, Wealthy, Blenheim, Fameuse, Baldwin, Greening.

J. G. MITCHELL, Clarksburg: Standard winter varieties such as Baldwin, Spy, and King planted 42 feet apart; fillers of the following varieties between, Duchess, Wealthy, Ontario, Alexander. This method to be followed by intensive culture, heavy feeding, pruning, spraying, etc.

VARIETIES SPECIALLY ADAPTED FOR THE WESTERN MARKETS.

W. H. DEMPSEY, Trenton: Duchess, Gravenstein, Alexander, Trenton, Wealthy, Fameuse, McIntosh, King, Greening, Baldwin, Ontario, Seek, Spy.

ELMER LICK, Oshawa: Gravenstein, McIntosh, Fameuse, Blenheim, Greening, Baldwin, Spy.

ROBT. THOMPSON, St. Catharines: Astrachan, Duchess, Gravenstein, King, Blenheim, Fameuse, Baldwin, Greening, Spy.

VARIETIES SPECIALLY ADAPTED FOR EXPORT TO GREAT BRITAIN AND THE CONTINENT.

W. H. DEMPSEY, Trenton: Duchess, Gravenstein, Trenton, Alexander, Wealthy, McIntosh, King, Greening, Baldwin, Fameuse, Ontario, Seek, Spitz, Tolman, Ben Davis, Stark.

ELMER LICK, Oshawa: Gravenstein, McIntosh, Fameuse (these three in boxes), Blenheim, Greening, Baldwin, Spy, Golden Russet, Cranberry, Fallwater, Stark.

J. G. MITCHELL, Clarksburg: King, Baldwin, Spy.

VARIETIES ADAPTED TO LOCAL MARKETS IN ONTARIO AND QUEBEC.

W. H. DEMPSEY, Trenton: All of the varieties previously recommended except Ben Davis.

ELMER LICK, Oshawa: Benoni (if thinned), Gravenstein, McIntosh, Fameuse, Greening, Spy.

ROBT. THOMPSON, St. Catharines: Duchess, Blenheim, King, Baldwin, Greening, Spy, Fameuse, with possibly a few trees of some sweet variety, and a few Ben Davis.

J. G. MITCHELL, Clarksburg: King, Baldwin, Spy.

VARIETIES SPECIALLY ADAPTED TO THE BOX APPLE TRADE.

W. H. DEMPSEY, Trenton: All of the varieties previously recommended, but grow and pack nothing but Fancy No. 1.

ELMER LICK, Oshawa: Gravenstein, McIntosh, Fameuse, Blenheim, Spy, Baxter, King, Wagener.

ROBT. THOMPSON, St. Catharines: Duchess, King, Spy, McIntosh, Baldwin.

J. G. MITCHELL, Clarksburg: Gravenstein, St. Lawrence, Alexander, Fameuse, McIntosh, King, Baldwin, Spy.



LIST OF BULLETINS

PUBLISHED BY THE ONTARIO DEPARTMENT OF AGRICULTURE, TORONTO.

| Serial No. | Date. | Title. | Author. |
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| 145 | June 1905 | Butter Preservatives | H. H. Dean. R. Harcourt. |
| 146 | Nov. 1905 | Use of Fruits, Vegetables and Honey | |
| 147 | Feb. 1906 | Fruits Recommended for Ontario Planters | Fruit Ex. Stations |
| 148 | Mar. 1906 | Experiments with Nodule-forming Bacteria | F. C. Harrison. B. Barlow. |
| 149 | July 1906 | The Swine Industry in Ontario | |
| 150 | Aug. 1906 | The Common Fungus and Insect Pests of Growing Vegetable Crops | Wm. Lochhead. T. D. Jarvis. |
| 151 | Oct. 1906 | Farm Poultry (Revised Nov., 1907) | W. R. Graham. |
| 152 | Dec. 1906 | Gardening for Schools | S. B. McCreedy. |
| 153 | Feb. 1907 | Fertilizers and Their Use | R. Harcourt. |
| 154 | Feb. 1907 | Insecticides and Fungicides | R. Harcourt. H. L. Fulmer. |
| 155 | Feb. 1907 | Farm Forestry (Second Edition, Dec., 1907) | E. J. Zavitz. |
| 156 | Mar. 1907 | Tillage and Rotation | W. H. Day. |
| 157 | Mar. 1907 | Remedies for the San Jose Scale, San Jose Scale Act | |
| 158 | June 1907 | Insects and Fungus Diseases Affecting Fruit Trees, Revised Dec., 1907 | C. J. S. Bethune. T. D. Jarvis. |
| 159 | July 1907 | Milking Machines | H. H. Dean. S. F. Edwards. |
| 160 | July 1907 | The Production, Care, and Uses of Milk | |
| 161 | Oct. 1907 | The Sheep Industry in Ontario | |
| 162 | Dec. 1907 | Breakfast Foods: Their Chemical Composition, Digestibility and Cost | R. Harcourt. |
| 163 | Mar. 1908 | Incubation of Chickens | H. L. Fulmer. O. A. C. Staff. |
| 164 | Mar. 1908 | Legume Bacteria | S. F. Edwards. B. Barlow. |
| 165 | Mar. 1908 | Alfalfa or Lucerne | C. A. Zavitz. |
| 166 | June 1908 | Bee-keeping in Ontario | |
| 167 | Oct. 1908 | Mitchell-Walker Moisture Test | J. W. Mitchell. W. O. Walker. |
| 168 | Oct. 1908 | The Perennial Sow Thistle and Some Other Weed Pests | J. E. Howitt. |
| 169 | Feb. 1909 | Legume Bacteria: Further Studies of Nitrogen Accumulation in the Leguminosae | S. F. Edwards. B. Barlow. |
| 170 | Mar. 1909 | Mitchell-Walker Test Bottle | J. W. Mitchell. W. O. Walker. |
| 171 | April 1909 | Insects Affecting Vegetables | C. J. S. Bethune. |
| | | Fungus Diseases Affecting Vegetables | J. W. Eastham. J. E. Howitt. |
| 172 | May 1909 | Dairy School Bulletin (No. 143 Revised) | Dairy School. |
| 173 | Oct. 1909 | Birds of Ontario | C. W. Nash. |
| 174 | Dec. 1909 | Farm Underdrainage: Does It Pay? | W. H. Day. |
| 175 | Dec. 1909 | Farm Drainage Operations | W. H. Day. |
| 176 | Dec. 1909 | Bacterial Blight of Apple, Pear and Quince Trees | D. H. Jones. H. L. Fulmer. |
| 177 | Dec. 1909 | Lime-Sulphur Wash | L. Caesar. |
| 178 | Dec. 1909 | Character and Treatment of Swamp or Muck Soils | W. P. Gamble. A. E. Slater. |
| 179 | Feb. 1910 | Fruits Recommended for Planting | Fruit Exp. Sta. |

