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U. S. DEPARTMENT OF AGRICULTURE.

BUREAU OF PLANT INDUSTRY—BULLETIN No. 6.

B. T. GALLOWAY, Chief of Bureau.

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A LIST

OF

AMERICAN VARIETIES OF PEPPERS.

BY

W. W. TRACY, JR., ASSISTANT.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS.

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ISSUED FEBRUARY 1, 1902.



WASHINGTON:  
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1902.

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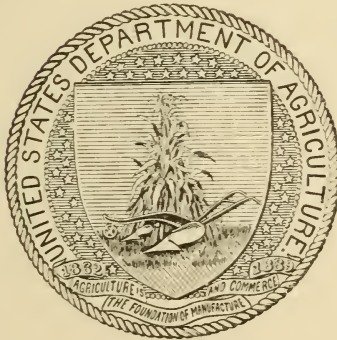
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LETTER OF TRANSMITTAL.

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U. S. DEPARTMENT OF AGRICULTURE,  
BUREAU OF PLANT INDUSTRY,  
OFFICE OF THE CHIEF,  
*Washington, D. C., November 6, 1901.*

SIR: I transmit herewith a manuscript submitted from the Office of the Botanist of a paper entitled A List of American Varieties of Peppers, by W. W. Tracy, jr., and respectfully recommend that it be published as Bulletin No. 6 of this Bureau.

Respectfully,

B. T. GALLOWAY,  
*Chief of Bureau.*

Hon. JAMES WILSON,  
*Secretary of Agriculture.*





## P R E F A C E .

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In the Yearbook of the Department of Agriculture for 1901 it is stated that American seedsmen catalogued the preceding year "685 real or nominal varieties of cabbage, 320 of table beets, 340 of sweet corn, 560 of bush beans, 255 of pole beans, 320 of cucumber, 530 of lettuce, and an equally large number of varieties of other vegetables."<sup>a</sup>

In such a maze of names, a large proportion of which are accompanied by the most meager descriptions, the progressive cultivator, endeavoring to ascertain what varieties are best adapted to his particular location, soil, climate, and uses, has little to guide him. Among seedsmen, also, similar difficulties exist. A small number of the larger houses maintain extensive trial grounds, but the information secured in this way is usually not made public. There remains a strong demand, both from the seed trade and from the public, for more precise information about the qualities of the various advertised varieties—information which can be furnished only after years of careful study and experimentation. There is one necessary preliminary to such work, namely, a catalogue of the names of the varieties.

There is no published work which gives all the varieties of vegetables sold by American seedsmen, and the Department of Agriculture has therefore prepared such a list, which is now in manuscript. It has seemed desirable to publish experimentally a minor portion of this list, and for that purpose the peppers have been selected.

The list has been prepared by Mr. W. W. Tracy, jr., who has charge of the Department's variety testing, with the aid of Mr. J. E. W. Tracy, his assistant.

FREDERICK V. COVILLE,

*Botanist.*

OFFICE OF THE BOTANIST.

*Washington, D. C., November 6, 1901.*

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<sup>a</sup>In counting the number of these varieties, names were included which differed from others simply by the addition of a descriptive word, such as "improved," "large," "early," or the names of persons, while other varieties, having attached to them unimportant descriptive words, such as "select," "new," and "choice," were not included.

## CONTENTS.

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|   |       |
|---|-------|
| Introduction .....                              | Page. |
| List of abbreviations of names of seedsmen..... | 7     |
| List of varieties .....                         | 8     |
|   | 13    |

## A LIST OF AMERICAN VARIETIES OF PEPPERS.

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### INTRODUCTION.

One great source of the confusion in variety names which this list is designed to help in overcoming is the use of descriptive words and phrases in multiplying names which frequently mark no real varietal differences. Among peppers this is not carried so far as elsewhere, and the examples which can be cited are not as striking as in case of some of the more generally grown vegetables. The most notable examples are found in Ruby King, which different seedsmen catalogue as follows: Burpee's Ruby King, Maule's Ruby King, Maule's Improved Ruby King, Bolgiano's Mammoth Ruby King, Mammoth Ruby King; and in Bell, which is listed under the following names: Large Bell, Improved Large Bell, Sweet Bell, Large Sweet Bell, Large Red Bell, Mammoth Bell. In case of some other vegetables there is such an indiscriminate use of epithets as to make the distinctions in varieties very bewildering. Of Jersey Wakefield cabbage, for example, the following names are used by different seedsmen merely to distinguish their stocks: Hawkin's Jersey Wakefield, Tait's Early Jersey Wakefield, Rice's Early Jersey Wakefield, Wood's Selected Early Jersey Wakefield, Maule's Prize Wakefield, Our Own Jersey Wakefield, Extra Choice Early Jersey Wakefield, Pedigree Jersey Wakefield, Extra Select Jersey Wakefield, Improved Early Jersey Wakefield, etc.

Occasionally these descriptives mark real superiority of stock, especially in point of purity; but it would be much better if such superiority were left to be known from the reputation of the seed house rather than advertised by the addition of the seedsman's name or of adjectives to the simple variety name, both of which usages have been so much abused as to have little or no significance.

Sometimes, however, words attached to the simple variety name, or other slight differences in names, do indicate real differences in type. Examples are: Philadelphia Dutch Butter, Philadelphia Butter, and Maule's Philadelphia Butter, names applied to varieties of lettuce of types quite different from each other, as are also the names Favorite, Rudolph's Favorite, Sutton's Favorite, Florida Favorite, and the Gardener's Favorite.

In preparing this list of varieties the following words have been omitted from the variety names: Improved, extra, perfected, pedigree, select, selected, extra select, choice, extra choice, superior, celebrated, fine, famous, our, our own, true, new, the, and the names of persons. Exceptions have been made and some of the above words retained, where a personal name or a descriptive word is known to indicate a real difference in type, or where the dropping of such a word would be confusing and misleading because the variety is so universally known and recognized only by the full name, as in Procopp's Giant pepper. The words giant, mammoth, large, early, and extra early have in every case been retained because, though not usually indicating a difference in type, there are many cases where they do indicate such a difference. There is, perhaps, more reason for retaining the words "improved" and "perfected" and the names of persons than the other words mentioned above as omitted, and for this reason these words have been allowed to stand in the groups of similar names given in the list, though, as already stated, they have been omitted from the alphabetical arrangement.

The present list of peppers includes all the varieties catalogued by seedsmen in the United States and Canada for the year 1901. After each variety name are given abbreviations of the name of the seedsmen who catalogue the variety. Whenever similar names exist these are also given. By "similar names" are meant resembling names given by different seedsmen, whether to like or unlike varieties. In some cases such varieties are dissimilar in type or essential characters. Most of them, however, are similar or identical in this regard, and sometimes they are so in the matter of purity of stock also. The synonyms cited are those given by seedsmen in their own catalogues for the year 1901. Some of the names given as synonyms are undoubtedly incorrect, but this is due usually to a local misunderstanding of the generally recognized type or to a misapplication of names rather than to a lack of knowledge of the characteristics of the varieties themselves.

#### LIST OF ABBREVIATIONS OF NAMES OF SEEDSMEN.

The following are the abbreviations, alphabetically arranged, which have been adopted to designate the seedsmen referred to in this bulletin. The list includes, so far as is known, all the seedsmen of the United States and Canada who issued catalogues or price lists for the year 1901:

|     |   |
|-----|---|
| Agn | H. C. & J. B. Agnew, Agnew, Cal.              |
| AGT | A. G. Tillinghast, Laconner, Wash.            |
| All | John H. Allan Seed Co., Three Mile Bay, N. Y. |
| Alr | Alneer Bros., Rockford, Ill.                  |
| Alx | Alexander Seed Co., Augusta, Ga.              |
| Anb | E. Annabil, McPherson, Kans.                  |
| Ans | A. H. Ansley & Sons, Milo Center, N. Y.       |

|     |   |
|-----|---|
| Ar  | L. E. Archias Seed Co., Carthage, Mo.   |
| Bai | Bailey & Sons, Salt Lake City, Utah.  |
| Bak | Baker Bros., Fort Worth, Tex.   |
| Bdg | Alfred Bridgeman, New York, N. Y.   |
| Bel | J. J. Bell, Deposit, N. Y.  |
| Ber | A. A. Berry Seed Co., Clarinda, Iowa.   |
| Bgg | B. L. Bragg Co., Springfield Mass.  |
| Bgs | Briggs Brothers & Co., Rochester, N. Y.   |
| Bkt | W. C. Beckert, Allegheny, Pa.   |
| Blg | F. W. Bolgiano, Washington, D. C.   |
| Bng | William H. Brunning, Rahway, N. J.  |
| Bou | William A. Bours & Co., Jacksonville, Fla.                                      |
| Bow | E. J. Bowen, San Francisco, Cal.  |
| Brb | E. W. Burbank Seed Co., Fryeburg, Me.<br>Luther Burbank, Santa Rosa, Cal. = LBk |
| Brd | W. W. Barnard & Co., Chicago, Ill.  |
| Bri | Wm. Brinker, Cleveland, Ohio.   |
| Brk | Joseph Breck & Sons, Boston, Mass.  |
| Brn | Alfred J. Brown Seed Co., Grand Rapids, Mich.                                   |
| Brr | Fred P. Burr & Co., Middletown, Conn.   |
| Brt | The W. E. Bartlett Co., Providence, R. I.                                       |
| Bru | John A. Bruce & Co., Hamilton, Canada.  |
| Brw | E. E. Burwell, New Haven, Conn.   |
| Btl | F. Barteldes & Co., Lawrence, Kans.   |
| Buc | H. W. Buckbee, Rockford, Ill.   |
| Bui | Robert Buist Co., Philadelphia, Pa.   |
| Bur | W. Atlee Burpee & Co., Philadelphia, Pa.  |
| CA  | Curry-Arrington Co., Rome, Ga.  |
| Cam | L. Cameron, Jacksonville, Fla.  |
| C&B | Clucas & Boddington Co., New York, N. Y.  |
| CCo | Cole Seed Co., Buckner, Mo.   |
| CE  | Chesmore-Eastlake Mercantile Co., St. Joseph, Mo.                               |
| CF  | Comstock, Ferre & Co., Wethersfield, Conn.                                      |
| Chl | John Lewis Childs, Floral Park, N. Y.   |
| Chm | M. Cushman & Co., Rochester, N. Y.  |
| C&J | Cadwell & Jones, Hartford, Conn.  |
| Cle | Cleveland Seed Co., Cape Vincent, N. Y.   |
| Cok | A. T. Cook, Hyde Park, N. Y.  |
| Col | Cole's Seed Store, Pella, Iowa.   |
| Cox | Cox Seed Co., San Francisco, Cal.   |
| Crg | Craig Seed Co., Memphis, Tenn.  |
| Crs | Crosman Bros., Rochester, N. Y.   |
| CSC | C. S. Clark, Wakeman, Ohio.<br>The Everett B. Clark Co., Milford, Conn. = EBC   |
| Cur | Currie Bros., Milwaukee, Wis.   |
| D&C | The Dingee & Conard Co., West Grove, Pa.  |
| DD  | Dickmann-Dusard Seed Co., St. Louis, Mo.  |
| Del | Delano Seed Co., Lee Park, Nebr.  |
| D&H | Darch & Hunter, London, Ontario, Canada.  |
| Dlw | W. E. Dallwig, Milwaukee, Wis.  |
| Drn | Drumm Seed & Floral Co., Fort Worth, Tex.                                       |
| Drp | Henry A. Dreer, Philadelphia, Pa.   |
| Drw | Oliver H. Drew, Hibernia, N. Y.   |
| Dun | R. B. Dunning & Co., Bangor, Me.  |

|     |   |
|-----|---|
| Eas | Eastman Seed Co., East Sumner, Me.  |
| EBC | The Everett B. Clark Co., Milford, Conn.  |
| Ebe | F. H. Ebeling, Syracuse, N. Y.  |
| Ebr | W. M. Eber & Son, Quincy, Ill.  |
| Eic | Eichling Seed & Nursery Co., New Orleans, La.   |
| Elt | Wm. Elliott & Sons, New York, N. Y.   |
| Emr | Thos. W. Emerson Co., Boston, Mass.   |
| Evr | J. A. Everitt, Indianapolis, Ind.   |
| Ewg | Wm. Ewing & Co., Montreal, Canada.<br>Robert Evans Seed Co., Hamilton, Canada. = RE     |
| Fax | M. B. Faxon, Boston, Mass.  |
| Fer | D. M. Ferry & Co., Detroit, Mich.   |
| Fld | Henry Field, Shenandoah, Iowa.  |
| Fle | Fleming & Sons, Brandon, Manitoba, Canada.  |
| Fmr | Farmer Seed Co., Faribault, Minn.   |
| Fqr | R. & J. Farquhar & Co., Boston, Mass.   |
| Frd | Ford Seed Co., Ravenna, Ohio.   |
| Fst | H. G. Faust & Co., Philadelphia, Pa.  |
| Gdn | Amzi Godden Co., Birmingham, Ala.   |
| Ger | Germain Fruit Co., Los Angeles, Cal.  |
| Gfg | The Griffing Bros. Co., Jacksonville, Fla.  |
| Ggy | James J. H. Gregory & Son, Marblehead, Mass.  |
| GH  | The Goodwin-Harries Co., Chicago, Ill.  |
| Gls | Heman Glass, Barnard's Rural Delivery, near Rochester, N. Y.                            |
| GN  | The Great Northern Seed Co., Rockford, Ill.   |
| Gng | Grainger Bros., Toronto, Canada.  |
| Gra | Graham Bros., Ottawa, Canada.   |
| Grn | W. H. Grenell, Pierrepont Manor, N. Y.  |
| Grw | Griswold Seed Co., Lincoln, Nebr.<br>Thomas Griswold & Co., S. Wethersfield, Conn. = TG |
| Gry | Thomas J. Grey & Co., Boston, Mass.   |
| G&T | Griffith & Turner Co., Baltimore, Md.   |
| Ham | Harry N. Hammond Seed Co., Bay City, Mich.  |
| Haw | Budd D. Hawkins, Reading, Vt.   |
| Hbt | Thos. W. Hobart, South Sioux Falls, S. Dak.   |
| H&C | Hoermann & Cleary Seed Co., Terre Haute, Ind.   |
| Hde | David Hardie Seed Co., Dallas, Tex.   |
| Hen | Peter Henderson & Co., New York, N. Y.  |
| Hlm | H. L. Holmes, Harrisburg, Pa.   |
| Hly | The Holloway Seed & Grain Co., Dallas, Tex.   |
| Hme | John Hume, Port Hope, Ontario, Canada.  |
| Hns | Haines Seed Co., Denver, Colo.  |
| Hnt | Hunt Seed Co., Lewistown, Pa.   |
| Hop | Carl S. Hopkins, Brattleboro, Vt.   |
| H&P | Huntington & Page, Indianapolis, Ind.   |
| HP  | The Henry Philipps Seed & Implement Co., Toledo, Ohio.                                  |
| Hrm | H. T. Harmon & Co., Portland, Me.   |
| Hrn | The Harnden Seed Co., Kansas City, Mo.  |
| Hrs | Joseph Harris Co., Coldwater, N. Y.   |
| Hrv | Harvey Seed Co., Buffalo, N. Y.   |
| Hse | H. F. House & Co., Hiram, Ohio.   |
| Hst | H. G. Hastings & Co., Atlanta, Ga.  |
| Iml | Jno. D. Inlay, Zanesville, Ohio.  |
| Iow | Iowa Seed Co., Des Moines, Iowa.  |

- Jac Jacobs Pharmacy, Atlanta, Ga.  
 JCM J. Charles McCullough, Cincinnati, Ohio.  
 Jer The George W. P. Jerrard Co., Caribou, Me.  
 Jes Jessamine Gardens, Jessamine, Fla.  
 JL Livingston's Seed Store, Des Moines, Iowa.  
 J&M Johnson & Musser Seed Co., Los Angeles, Cal.  
 JMM J. M. McCullough's Sons, Cincinnati, Ohio.  
 JMP J. M. Philips' Sons, Mercersburg, Pa.  
 Jns L. F. Jones Seed Co., Grand Rapids, Mich.  
 Joo C. H. Joosten, New York, N. Y.  
 J&S Johnson & Stokes, Philadelphia, Pa.  
 Mark W. Johnson Seed Co., Atlanta, Ga. = MWJ  
 R. H. Johnston, Victoria, B. C., Canada. = RHJ  
 Kei Keith & Co., Winnipeg, Manitoba, Canada.  
 Kel The Kelly Co., Cleveland, Ohio.  
 Ken A. C. Kendel, Cleveland, Ohio.  
 K&F Kennedy & Farnham, Carrollton, Mo.  
 Kg T. J. King Co., Richmond, Va.  
 Koe W. H. Koerner, Milwaukee, Wis.  
 Kos Theo. Koss, Milwaukee, Wis.  
 Kra I. N. Kramer & Son, Cedar Rapids, Iowa.  
 K&W Kendall & Whitney, Portland, Me.  
 Lam Buell Lamberson's Sons, Portland, Oreg.  
 Lan D. Landreth & Sons, Philadelphia, Pa.  
 LB Lilly, Bogardus & Co., Seattle, Wash.  
 LBk Luther Burbank, Santa Rosa, Cal.  
 Lea Leavings Bros. Seed Co., Paris, Ill.  
 Lnr S. F. Leonard, Chicago, Ill.  
 Liv The Livingston Seed Co., Columbus, Ohio.  
 Livingston's Seed Store, Des Moines, Iowa. = JL  
 Loh The Lohrman Seed Co., Detroit, Mich.  
 Lon W. B. Longstreth, Gratiot, Ohio.  
 Man Mann & Co., Cape Vincent, N. Y.  
 P. Mann & Co., Washington, D. C. = PM.  
 Mas Geo. H. Mass, Woodstock, Vt.  
 Mau Wm. Henry Maule, Philadelphia, Pa.  
 May L. L. May & Co., St. Paul, Minn.  
 McK A. E. McKenzie & Co., Brandon, Manitoba, Canada.  
 McM McMillan's Seed Store, Atlanta, Ga.  
 J. Charles McCullough, Cincinnati, Ohio. = JCM.  
 J. M. McCullough's Sons, Cincinnati, Ohio. = JMM.  
 Mel The Geo. H. Mellen Co., Springfield, Ohio.  
 Mgd Mangelesdorf Bros. Co., Atchison, Kans.  
 Mhl Henry F. Michell, Philadelphia, Pa.  
 Mic Michael's Seed Store, Sioux City, Iowa.  
 Min P. B. Mingle & Co., Philadelphia, Pa.  
 Mls F. B. Mills, Rose Hill, N. Y.  
 Mnd W. A. Manda, South Orange, N. J.  
 Mns J. Manns Co., Baltimore, Md.  
 Mrs C. C. Morse & Co., Santa Clara, Cal.  
 M&S Moore & Simon, Philadelphia, Pa.  
 MV Missouri Valley Seed Co., St. Joseph, Mo.  
 MWJ Mark W. Johnson Seed Co., Atlanta, Ga.  
 Mzy Muzzy Bros., Paterson, N. J.

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| Neb | The Nebraska Seed Co., Omaha, Nebr.  |
| Nef | Lincoln I. Neff, Pittsburg, Pa.  |
| NI  | Northern Indiana Seed Co., Valparaiso, Ind.  |
| NK  | Northrup, King & Co., Minneapolis, Minn.   |
| Nol | J. F. Noll & Co., Newark, N. J.  |
| Old | L. L. Olds, Clinton, Wis.  |
| OV  | Ohio Valley Seed Co., Evansville, Ind.   |
| Pac | Pacific Seed Co., Sacramento, Cal.   |
| Pg  | The Page Seed Co., Greene, N. Y.<br>The Henry Philipps Seed & Implement Co., Toledo, Ohio.=HP.<br>J. M. Philips' Sons, Mercersburg, Pa.=JMP. |
| Pir | The Pierce Seed Co., Pueblo, Colo.   |
| Pks | J. M. Perkins, Winnipeg, Manitoba, Canada.   |
| PM  | P. Mann & Co., Washington, D. C.   |
| Pne | Pine Tree State Seed Co., Bath, Me.  |
| Pnt | Plant Seed Co., St. Louis, Mo.   |
| Poo | Poole's Seed Store, Tacoma, Wash.  |
| Por | Portland Seed Co., Portland, Oreg.   |
| Pot | Walter A. Potter & Co., Providence, R. I.  |
| Pri | George H. Price, Albany, N. Y.   |
| Prn | F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.  |
| Ptt | Frank S. Platt, New Haven, Conn.   |
| Pug | Puget Sound Nursery & Seed Co., Seattle, Wash.   |
| Qkr | Quaker City Seed Co., Philadelphia, Pa.  |
| Raw | W. W. Rawson & Co., Boston, Mass.  |
| Rce | Jerome B. Rice, Cambridge, N. Y.   |
| RE  | Robert Evans Seed Co., Hamilton, Canada.   |
| Ree | C. A. Reeser Co., Urbana, Ohio.  |
| Ren | Wm. Rennie, Toronto, Canada.   |
| RHJ | R. H. Johnston, Victoria, B. C., Canada.   |
| Rim | Horace Rimby, Collegeville, Pa.  |
| Rob | J. C. Robinson, Waterloo, Nebr.  |
| Roc | Rockford Seed Co., Rockford, Ill.  |
| Rog | Rogers Bros., Chaumont, N. Y.  |
| Roh | Waldo Rohnert, Sargent, Cal.   |
| RP  | Rush Park Seed Co., Independence, Iowa.  |
| Rs  | Ross Bros., Worcester, Mass.   |
| Rt  | The A. I. Root Co., Medina, Ohio.  |
| Rtk | J. R. Ratekin & Sons, Shenandoah, Iowa.  |
| Sal | John A. Salzer, La Crosse, Wis.  |
| SB  | Steele, Briggs Seed Co., Toronto, Canada.  |
| S&B | Schmidt & Botley, Springfield, Ohio.   |
| SC  | Schisler-Corneli Seed Co., St. Louis, Mo.  |
| S&F | Schlegel & Fottler, Boston, Mass.  |
| S&H | The Storrs & Harrison Co., Painesville, Ohio.  |
| Shm | R. H. Shumway, Rockford, Ill.  |
| Shw | Otto Schwill & Co., Memphis, Tenn.   |
| Sie | Geo. L. Siegel, Erie, Pa.  |
| Sim | J. A. Simmers, Toronto, Canada.  |
| S&O | Shugart & Ouren Seed Co., Council Bluffs, Iowa.  |
| Sox | Sioux City Seed & Nursery Co., Sioux City, Iowa.   |
| Spf | Springfield Seed Co., Springfield, Mo.   |
| Sqr | Jas. M. Squier & Son, Lindsay, Ontario, Canada.  |
| S&R | Savage & Reid, Salem, Oreg.  |



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| Stk | J. Steckler Seed Co., New Orleans, La.   |
| Stw | Stewart's Seed Store, Omaha, Nebr.   |
| S&W | Stump & Walter Co., New York, N. Y.  |
| Tat | George Tait & Sons, Norfolk, Va.   |
| TB  | Thompson Bros., Muscatine, Iowa.   |
| T&B | Trumbull & Beebe, San Francisco, Cal.  |
| Tem | L. Templin & Sons, Calla, Ohio.  |
| Tex | Texas Seed & Floral Co., Dallas, Tex.  |
| TG  | Thomas Griswold & Co., S. Wethersfield, Conn.                                    |
| Thb | William R. Thurber, Brooklyn, Conn.  |
| Thm | T. H. Thompson Seed & Rice Milling Co., Houston, Tex.                            |
| Thr | J. M. Thorburn & Co., New York, N. Y.  |
| Til | A. Tilton & Son, Cleveland, Ohio.  |
| Tlh | Tillinghast Seed Co., La Plume, Pa.<br>A. G. Tillinghast, Laconner, Wash. = AGT. |
| Tpk | Topeka Seed House, Topeka, Kans.   |
| Trm | Trumbull & Co., Kansas City, Mo.   |
| Vau | Vaughan's Seed Store, Chicago, Ill.  |
| Vin | Sevin Vincent & Co., San Francisco, Cal.   |
| Vk  | James Vick's Sons, Rochester, N. Y.  |
| Vl  | The Vail Seed Co., Indianapolis, Ind.  |
| Wat | George C. Watson, Philadelphia, Pa.  |
| Wd  | T. W. Wood & Sons, Richmond, Va.   |
| W&D | Weeber & Don, New York, N. Y.  |
| Wdr | S. D. Woodruff & Sons, Orange, Conn.   |
| Wea | Geo. A. Weaver Co., Newport, R. I.   |
| Web | Mel L. Webster, Independence, Iowa.  |
| Wer | Wernich Seed Co., Milwaukee, Wis.  |
| Wll | Oscar H. Will & Co., Bismarck, N. Dak.   |
| Wlt | N. L. Willet Drug Co., Augusta, Ga.  |
| WS  | Wood, Stubbs & Co., Louisville, Ky.  |
| Wyg | Adolphus Wysong, Lebanon, Ind.   |
| Y&H | Young & Halstead, Troy, N. Y.  |
| Yng | C. Young & Sons Co., St. Louis, Mo.  |

## LIST OF VARIETIES.

**Bell.** Bak Blg Bgg Brb Brr Cle CF Ebe Emr Fqr Gra Gng G&T Grw TG  
Ham H&C J&S Kg Lnr Mgd Man PM Mns Mls NI Pac Pg Ptt Qkr S&F  
Sim Stk TB Web Wd WS.

**SIMILAR NAMES.** Large Bell, Improved Large Bell, Sweet Bell, Large Sweet Bell, Large Red Bell, Mammoth Bell, Golden Bell.

**SEEDSMEN'S SYNONYMS.** *Bull Nose*, Emr Fqr G&T J&S Lnr S&F, etc. *Sweet Mountain*, Ptt. *Improved Bull Nose*, Sim. *Large Squash*, Sim. *Large Bull Nose*, CF.

**Bird's Eye.** Bur Drr Eic Ger J&M Lan M&S Shw Stk S&W Thm.

**SEEDSMEN'S SYNONYMS.** *Creole*, Bur Drr J&M S&W Thm Vin, etc. *Small Chili*, Ger.

**Black Mexican.** Gra. For similar names see *Mexican*.

**Black Nubian.** Bgs Buc Cle Ewg Ren Rce Roc Shm Sim.

**Bolgiano's Mammoth Ruby King.** Entered as *Mammoth Ruby King*.

**Bonnet.** Lan.

**SEEDSMEN'S SYNONYMS.** *Squash*, Lan. *Tomato*, Lan.

**Boston Squash.** TG. For similar names see *Squash*.

**SEEDSMEN'S SYNONYM.** *Tomato*, TG.

**Bull Nose.** Alx Alr Bai Bak Brd Brt Bkt Bel Ber Blg Bow Bgg Brk Bdg Bgs Bri Brn Bru Bng Buc Bui Brb Bur C&J Cam CE Cle C&B Col Cox Crs Cur CA D&H DD Drr Drm Ebe Ebr Elt Emr RE Evr Fmr Fqr Fst Fax Fer Fle Frd Ger Gls Gdn GH Gra Gng Gn Gry G&T Grw TG Ham Hde Hrn Hrn Hrs Hrv Hst Hen Hbt H&C Hlm Hop Hse Hnt H&P Iml Iow Jac J&M J&S Jns K&F Kg Koe Kos Lam Lan Lea Lnr LB Liv JL Loh Mns Mgd Man PM Mns Mas Mau May JCM JMM McM Mel Mic Mhl Mls Min M&S Mzy Neb Nef Nol NI NK OV Pac Pg Pks HP Prn Pnt Ptt Poo Por Pot Pri Pug Qkr Raw Rce Roc Rt RP S&R SC S&F Shw S&O Shm Sie Sim Sox Spf Stk SB Stw S&H S&W Tat TB Thm Thb Til Tpk Trm T&B Vl Vau Vk Wea Web W&D Wll Wlt Wd WS Wyg Yng Y&H.

SIMILAR NAMES. Improved Bull Nose, Large Bull Nose, Sweet Bull Nose.

SEEDSMEN'S SYNONYMS. *Bell*, Blg Emr Fqr G&T J&S Lnr, etc. *Large Bell*, Bui Bur Drr Fer Hen Iow, etc. *Large Red Bell*, SB. *Large Squash*, Sim. *Large Sweet Bell*, Gls Mhl. *Mammoth Bell*, Cam Gdn Jac. *Spanish Monstrous*, Wlt. *Sweet Mountain*, Bru Hrn.

**Burpee's Golden King**, Burpee's Golden Upright, Burpee's Ruby King. Entered as *Golden King*, *Golden Upright*, and *Ruby King*.

**Cardinal.** Bgs Cle Crs RE Ewg Frd Gra Ggy Hen Ken Liv May M&S Mzy NK W&D.

**Cayenne.** Anb Ar Brd Btl Ber Bru Crg Crs CA Dlw Drm Ebr Ewg Fld Ger Gra Ggy G&T Hrs Hrv H&C Hnt H&P J&M Kei Lam Lan Lea Liv JL PM McK NI JMP Pir Prn Raw Ren Rt Rs Sal S&B Stw Thm W&D.

SIMILAR NAMES. Cayenne Pickling, Long Cayenne, Red Cayenne, Long Red Cayenne, Long Yellow Cayenne, Hammond's Long Red Cayenne, Small Cayenne, Small Red Cayenne, Little Red Cayenne, Large Red Cayenne.

SEEDSMEN'S SYNONYMS. *Long Red Cayenne*, Bur. *Chili*, JL.

**Cayenne Pickling.** Vau. For similar names see *Cayenne*.

**Celestial.** Alx Alr Ar Brt Btl Brk Bdg Bgs Buc Bui Bur Chl Cle Crs Cur CA D&H DD Drr Eas Ebe Ebr Elt RE Ewg Fqr Fst Frd Ger GH Gra Ggy Grw Ham Hrs Hly MWJ J&M J&S Kra Lan Lnr Liv Man May JCM JMM McM Mhl Mls MV M&S Nef Nol NK Ptt Pot Qkr Ren Rce Roc Sal S&O Shm Sim Spf Stk SB Stw Tem Thr Trm Vk Vin W&D.

SIMILAR NAMES. Childs' Celestial, Improved Celestial, Chinese Celestial.

**Cheese.** Min.

**Cherry.** Ar Brn RE Ewg Ger Gra Ggy Kei Ren Vau.

SIMILAR NAMES. Yellow Cherry, Red Cherry.

**Childs' Celestial**, Childs' Improved Celestial, Childs' Kaleidoscope. Entered as *Celestial* and *Kaleidoscope*.

**Chili.** Alx Bow Bru C&J Cam Cle C&B Cox DD Eas Ebe Elt RE Fqr Gdn Ggy Hde Hen Ken Lnr Man Mas McM Mzy Neb Pir Pnt Poo Por Pot S&R SC Stk SB S&W T&B W&D.

SIMILAR NAMES. Small Chili, Red Chili, Small Red Chili, Yellow Chili, Mammoth Chili, Large Mexican Chili, Mexican Chili.

SEEDSMEN'S SYNONYMS. *Cayenne*, JL. *Mexican*, DD.

**Chinese Celestial.** Anb Evr Vl. For similar names see *Celestial*.

**Chinese Giant.** Bur D&H Drr Mau Thr. For similar names see *Procopp's Giant*.

**Cluster.** Pac.

SIMILAR NAMES. Japanese Cluster, Red Cluster, Japan Red Cluster.

**Columbus.** Eic.

**Coral Gem.** Drr Ebr RE Mhl Ree Sal S&F.

SIMILAR NAME. Coral Gem Bouquet.

**Coral Gem Bouquet.** Buc Bur Col Cok D&H Evr Fqr Fst Frd Hbt Hse Iml  
Iow J&M Liv JL Mau M&S Pnt Raw Rce Roc Rs Vau Vk Wd WS.

SIMILAR NAME. Coral Gem.

SEEDSMEN'S SYNONYM. *Red Cluster*, M&S.

**County Fair.** Hen Liv.

SIMILAR NAME. Henderson's County Fair.

**Cranberry.** GH Mzy.

SIMILAR NAME. Red Cranberry.

**Creole.** Bur Drr J&M M&S Shw S&W Thm.

SEEDSMEN'S SYNONYM. *Bird's Eye*, Bur Drr M&S Shw Thm Vin.

**Dwarf Red Squash.** Hlm. For similar names see *Squash*.

**Early Dwarf Red Squash.** Bur Frd GH Hbt Rce. For similar names see *Squash*.

**Early Dwarf Squash.** Raw. For similar names see *Squash*.

**Elephant's Trunk.** Bui Eic RE Hde J&S Koe Mau Pac Thr Vau.

**Flat.** Ggy.

SEEDSMEN'S SYNONYM. *Squash*, Ggy.

**French Cayenne.** Lan.

**Giant Emperor.** Ebr Mzy.

**Giant of Valencia.** Thr.

**Giant Sweet Spanish.** Kg. For similar names see *Sweet Spanish*.

**Giant Yellow King Mango.** Liv. For similar names see *Golden King*.

**Golden Bell.** Bui Hnt Lan HP Qkr Stw Wlt. For similar names see *Bell*.

SEEDSMEN'S SYNONYM. *Golden Dawn*, Bui HP Qkr Roc Wlt.

**Golden Dawn.** Alx Anb Ar Bai Brd Btl Ber Brk Bdg Bgs Brn Bru Buc Bui Bur  
Brr Cam CE Cle C&B Cok Crs Cur Del DD Drr Drw Ebe Ebr Eic Elt Enr  
ER Evr Ewg Fqr Fst Fer GH Gra Ggy Gry Grw TG Hns Hrs Hrv Hen Hly  
Hlm Hop Iml J&M J&S Kra Lam Lnr LB Liv Man Mas Mau May JCM  
JMM McM Mel Mic Mhl Mzy Neb Nol NI NK OV Pac HP JMP Pnt Por  
Pot Pri Qkr Raw Rce Roc RP Sal S&R S&F S&O Shm Spf Stk SB S&W  
Tat Tem Tex TB AGT Trm VI Vau Vk Wea Web W&D Wer Wyg.

SIMILAR NAMES. Golden Dawn Mango, Sweet Golden Dawn, Mammoth Golden Dawn.

SEEDSMEN'S SYNONYMS. *Golden Bell*, Bui HP Ikr Wlt. *Golden Queen*, Buc Roc Vk.

**Golden Dawn Mango.** Entered as *Golden Dawn*.

**Golden King.** Bur D&C GH Rim.

SIMILAR NAMES. Burpee's Golden King, Giant Yellow King Mango.

**Golden Prize.** Hst.

**Golden Queen.** Brt Bkt Buc Bur CE Cle Del Drm Ebe Fld G&T Ham Hlm  
Liv Lon Mnd Mau May OV Ptt Roc Vk.

SIMILAR NAMES. Mammoth Golden Queen, Improved Golden Queen.

SEEDSMEN'S SYNONYM. *Golden Dawn*, Buc Roc Vk.

**Golden Upright.** Alr Bel Buc Bur DD Fst Frd GH Lnr Mls Rce Roc.

SIMILAR NAME. Large Golden Upright.

**Grossum.** Bru Crs Hrv Sim Vk Vin.

SEEDSMEN'S SYNONYM. *Monstrous*, Bru Crs Hrv Sim Vk Vin.

**Guthrey's Giant.** SB. For similar names see *Procopp's Giant*.

**Hammond's King of Reds,** Hammond's Long Red Cayenne. Entered as *King of Reds* and *Long Red Cayenne*.

**Henderson's County Fair.** Entered as *County Fair*.

**Hot Bull Nose.** M&S. For similar names see *Bull Nose*.

**Improved Bull Nose,** Improved Celestial, Improved Golden Queen, Improved Large Bell, Improved Long Red, Improved Sweet Mountain, Improved Thick Long Red. Entered as *Bull Nose*, *Celestial*, etc.

- Japanese Cluster.** Ewg Gra W&D. For similar names see *Cluster*.
- Japan Red Cluster.** Drr Frd. For similar names see *Cluster*.  
SEEDSMEN'S SYNONYM. *Red Cluster*, Frd.
- Kaleidoscope.** Buc Bur Chl Drw CE Gra Hst Hse Iow Liv JL NK Rce Roc.  
SIMILAR NAME. Childs' Kaleidoscope.
- King of Reds.** Ham.  
SIMILAR NAME. Hammond's King of Reds.
- Large Bell.** Alx Alr Anb Bai Brd Brt Bkt Bel Ber Bou Bow Brk Bdg Bgs Brn  
Bng Buc Bui Bur C&J CE Chl C&B Col Cox Crg Crs Cur CA D&H Del DD  
Drr Drm Dun Eas Ebr Elt RE EVr Ewg Fmr Fst Fax Fer Fle Frd Ger GH  
GN Ggy Gry Hde Hrm Hrs Hrv Hst Haw Hen Hbt Hlm Hop Hse H&P  
Iml Iow J&M Jns Kei K&W K&F Kos Kra Lam Lea LB Liv JL Loh Mas  
Mau May JCM JMM Mic MV Mzy Neb Nef Nol NK OV Pks HP JMP  
Prn Pne Pnt Ptt Poo Por Pot Pri Pug Raw Ree Ren Rce Roc Rs RP Sal  
S&R SC Shw S&O Shm Sie Sox Spf S&H S&W Tat Thm Thr Thb Til Tpk  
Trm T&B V1 Vau Vk Vin Wat Wea W&D Wll Wyg Yng Y&H.  
For similar names see *Bell*.  
SEEDSMEN'S SYNONYM. *Bull Nose*, Bui Drr Fer Hen Liv Raw, etc.
- Large Bull Nose.** Brr CF Drw MWJ. For similar names see *Bull Nose*.  
SEEDSMEN'S SYNONYM. *Bell*, CF.
- Large Golden Upright.** NK. For similar names see *Golden Upright*.
- Large Mexican Chili.** J&M. For similar names see *Chili*.
- Large Red.** Ewg Gra Kei. For similar names see *Long Red*.
- Large Red Bell.** SB. For similar names see *Bell*.  
SEEDSMEN'S SYNONYM. *Bull Nose*, SB.
- Large Red Cayenne.** Hrm Iml. For similar names see *Cayenne*.
- Large Sweet.** Bui G&T. For similar names see *Sweet*.  
SEEDSMEN'S SYNONYM. *Sweet Mountain*, Bui.
- Large Sweet Bell.** Gls Hrv Mhl Min M&S Tex. For similar names see *Bell*.  
SEEDSMEN'S SYNONYMS. *Bull Nose*, Mhl Gls. *Mountain*, Tex.
- Large Sweet Mountain.** Alx CF Drm Evr Ger Ggy Hrv Liv JL Old Pac Roc  
AGT V1.  
For similar names see *Sweet Mountain*.
- Large Sweet Spanish.** Bak Btl Bou Cam CA Dlw Drr Fst Gdn Gfg MWJ Lan  
Mel Mhl Pac Stw TB.  
For similar names see *Sweet Spanish*.
- Large Squash.** Bow CF Crs RE Fer Hrm K&W LB MV NK Pri Rce Rs Sim  
Thr Til Y&H.  
For similar names see *Squash*.  
SEEDSMEN'S SYNONYMS. *Bell*, Sim. *Bull Nose*, Sim. *Tomato*, Bow Bdg CF  
Crs Rce.
- Large Yellow.** Kei. For similar names see *Long Yellow*.
- Little Red Cayenne.** Wd. For similar names see *Cayenne*.
- Long Cayenne.** Cox RE Gfg Hst RHJ Kos Lan Lnr Sim Vin Web Wyg Y&H.  
For similar names see *Cayenne*.
- Long Red.** Btl Bkt Bel Bow Bgs Bri Bru D&H RE Ggy Lan Liv Ren Sal Sim.  
SIMILAR NAMES. Improved Long Red, Thick Long Red, Improved Thick  
Long Red, Long Red Pointed, Large Red.  
SEEDSMEN'S SYNONYM. *Santa Fe*, Ggy.
- Long Red Cayenne.** Alx Alr Anb Bai Bak Brt Bkt Blg Bow Brk Bdg Bgs Bri  
Brn Bng Buc Bui Bur Brr C&J Cam CE Cle C&B Col CF Crs Cur D&H  
DD Drr Ebe Eic Elt Emr Evr Fmr Fqr Est Fax Fer Frd Gls Gdn GH  
Gng GN Gry Grw TG Hns Ham Hde Hrn Haw Hen Hly Hlm Hop Hse  
Jac MWJ J&S K&W Ken K&F Kra LB JL Loh Lon Mnd Mgd Man Mns

Mas Mau May JCM JMM McM Mhl Mls Min MV M&S Mzy Neb Nol NK  
 OV Old Pac Pks HP Prn Pnt Ptt Pot Pri Ree Rce Roc RP SC S&F Shw  
 S&O Sie Sox Spf Stk SB S&W Tat Tex TB Thr Thb Tpk Til Trm T&B V1  
 Vau Vk Wea W&D Wd Wdr WS Yng.

For similar names see *Cayenne*.

SEEDSMEN'S SYNONYM. *Cayenne*, Bur.

**Long Red Pointed.** Cox. For similar names see *Long Red*.

**Long Yellow.** Bgs Bru RE Gra H&P Iml Ree Sal S&O.

SIMILAR NAME. Large Yellow.

**Long Yellow Cayenne.** Buc Crs GH Mzy Roc. For similar names see *Cayenne*.

**Mammoth.** Brk Bgs Brb Bur C&B Crs Cur Elt Emr RE Evr Fqr Frd Gls  
 Hen Iow K&W Kra Mzy Nol HP Ree S&O Sox Tem Thb Trm V1 Vk  
 W&D Yng Y&H.

SIMILAR NAMES. Monstrous, Monstrous Mammoth, Sweet Mammoth, Sweet Orange Mammoth, Rose Mammoth.

SEEDSMEN'S SYNONYMS. *Sweet Mountain*, Bur Cur Elt Emr Hen Vk, etc.  
*Monstrous*, Evr V1. *Sweet Spanish*, Trm.

**Mammoth Bell.** Cam Gdn Jac. For similar names see *Bell*.

SEEDSMEN'S SYNONYM. *Bull Nose*, Gdn Jac Cam.

**Mammoth Chili.** S&O. For similar names see *Chili*.

**Mammoth Golden Dawn.** McK Ren. For similar names see *Golden Dawn*.

**Mammoth Golden Queen.** Alr Bel Bru Col Frd Hse Iow J&S JL Mls M&S Pir  
 Ree Shm Sim S&H Thr Wd WS.

For similar names see *Golden Queen*.

SEEDSMEN'S SYNONYM. *Mango*, Sim.

**Mammoth Ruby King.** Alr Bel Blg Drm J&M Liv JL Mns HP S&B Shm Thm.

For similar names see *Ruby King*.

**Mammoth Ruby King Mango.** Entered as *Mammoth Ruby King*.

**Mammoth Sweet Mountain.** Hse. For similar names see *Sweet Mountain*.

**Mammoth Sweet Spanish.** Wd WS. For similar names see *Sweet Spanish*.

**Mango.** Shm Sim.

SEEDSMEN'S SYNONYMS. *Mammoth Golden Queen*, Sim. *Sweet Mountain*, Shm.

**Martinique.** Eic.

**Maule's Ruby King, Maule's Improved Ruby King.** Entered as *Ruby King*.

**Metcalf's Squash.** Fqr. For similar name see *Squash*.

**Mexican.** DD Lan.

SIMILAR NAMES. Black Mexican, Mexican Chili, Large Mexican Chili.

SEEDSMEN'S SYNONYM. *Chili*, DD.

**Mexican Chili.** Ger Thm. For similar names see *Chili* and *Mexican*.

**Mikado.** Bur.

**Monstrous.** Bru Crs Evr Hrv NK Sim Stk SB Til V1 Vk Vin.

For similar names see *Mammoth*.

SEEDSMEN'S SYNONYMS. *Grossum*, Crs Hrv Vk Vin. *Mammoth*, Evr Sim V1.  
*Sweet Spanish*, Stk.

**Monstrous Mammoth.** Anb Btl Hns. For similar names see *Mammoth*.

**Monstrous Sweet Spanish.** Ar Eic Rce Sie. For similar names see *Sweet Spanish*.

**Moore & Simon's Scarlet Maddalon.** Entered as *Scarlet Maddalon*.

**Mountain.** Tex. For similar names see *Sweet Mountain*.

SEEDSMEN'S SYNONYM. *Large Sweet Bell*, Tex.

**Orange Wrinkled.** Bur. For similar names see *Wrinkled*.

**Oxheart.** Hnt May Mzy NK Thr.

**Pickling.** Fqr S&F.

SEEDSMEN'S SYNONYM. *Squash*, Fqr S&F.

**Procopp's Giant.** Ar Btl Bel Ber Brk Bri Bru Bng Bui Brr Cle D&H Drr Elt RE Evr Ewg Fqr Fst Frd GH Gra Gng Ggy Gry Hde Hrs Hst J&M Liv Mau May McM Mls MV NK Pir Pnt Raw Ren Rce Sal SC S&F Shm Sim Sox Spf SB Thm Thr V1 Wer Wd WS.

SIMILAR NAMES. Guthrey's Giant, Chinese Giant, Salzer's Giant.

**Red Cayenne.** Del Iow Mhl Por S&R Stw S&H Tem AGT Wil.

For similar names see *Cayenne*.

**Red Cherry.** Alx Bai Brd Brt Blg Bow Brk Bdg Bri Bru Bui C&J CE Cle C&B Col Cox Crs DD Drr Ebe Eic Elt Emr Fqr Fer Gdn GH Gry G&T Hen Hly Hop H&P RHJ J&S K&W Lan Lnr LB Liv Mnd Mns Mhl MV Mzy Neb NK Pac HP Pnt Ptt Pot Pri Raw Rce SC S&F S&O Sox Stk Stw S&W Tat Tem Thr V1 Vk Wat W&D Wdr.

For similar names see *Cherry*.

SEEDSMEN'S SYNONYM. *Red Cluster*, Pac.

**Red Chili.** Bai Brt Btl Bkt Blg Brk Bdg Bri Brn Bng Buc Bur CE Col Crs Cur D&H Del Eic Emr Fst Fer Fle Gls GH Gng G&T Hns Hrm Hst H&C Hly H&P Iow Jac J&S Lam LB Liv Loh Mnd JCM M&S NK Pri Rce Rs Sal Shw Sie Thr Trm Vin Wer Wyg.

For similar names see *Chili*.

**Red Cluster.** Bdg Bgs Bur Chl Crs Ebe Eic RE Fst Frd Ger Gls Hde Hst Hen Hbt Hlm Iow Liv Mau May MV M&S NK Pac Pg Ptt Qkr Raw Rce Sal Sox Spf Stk S&W Thr Vau Vk Wil Wd WS Y&H.

For similar names see *Cluster*.

SEEDSMEN'S SYNONYMS. *Japan Red Cluster*, Frd. *Coral Gem Bouquet*, M&S.

*Red Cherry*, Pac.

**Red Cranberry.** Sal. For similar names see *Cranberry*.

**Red Etna.** Bur Ham Mls Rce.

**Rose Mammoth.** Ebe. For similar names see *Mammoth*.

**Ruby King.** Alx Anb Ar Bai Bak Brd Brt Btl Bkt Blg Bow Brk Bdg Bgs Br Brn Bru Bng Buc Bui Bur Brr Brw C&J Cam CE Chl Cle C&B Col CF Cok Cox Crs Cur CA Dlw D&H Del DD D&C Drr Drw Eas Ebe Ebr Eic Elt RE Evr Emr Fqr Fst Fer Fld Frd Ger Gls Gdn GH Gra Gng GN Ggy Gry Gfz G&T Grw TG Hns Ham Hde Hrn Hrs Hrv Hst Haw Hen H&C Hly Hlm Hop Hse H&P Iml Iow Jac Jer MWJ RHJ J&S Jns Kg Koe Kos Lam Lan Lea Lnr LB Liv Loh Mnd Mgd Man PM Mas Mau May JCM JMM McK McM Mel Mic Mhl Mls MV M&S Mzy Neb Nef Nol NI NK OV Pac Pg JMP Pir Prn Pnt Ptt Poo Por Pot Pri Qkr Raw Rce Ren Rce Rim Roc Rs RP Sal S&R SC S&F Shw S&O Sie Sox Spf Stk SB Stw S&H S&W Tat Tem Tex TB Thr Thb Til Trm T&B V1 Vau Vk Vin Wea Web W&D Wer Wil Wd Wdr WS Wyg Yng Y&H.

SIMILAR NAMES. Burpee's Ruby King, Maule's Ruby King, Maule's Improved Ruby King, Mammoth Ruby King Mango, Mammoth Ruby King, Bolgiano's Mammoth Ruby King.

**Salzer's Giant.** Sal.

**Santa Fe.** Ggy.

SEEDSMEN'S SYNONYM. *Long Red*, Ggy.

**Scarlet Maddalon.** M&S.

**Scarlet Wrinkled.** Bur. For similar names see *Wrinkled*.

**Small Cayenne.** Lan HP Spf Stw. For similar names see *Cayenne*.

**Small Chili.** Drr Ger Grw Iml Mns May Mhl Ptt Tat Tex V1 Wea Wdr.

For similar names see *Chili*.

SEEDSMEN'S SYNONYM. *Bird's Eye*, Ger.

**Small Red Cayenne.** MWJ. For similar names see *Cayenne*.

**Small Red Chili.** Bak Bui MWJ Lan Roc Shm Sim Stw Til Vk.

For similar names see *Chili*.

- Spanish Mammoth.** Bru Fer Ken Rce. For similar names see *Sweet Spanish*.  
SEEDSMEN'S SYNONYM. *Sweet Mountain*, Fer.
- Spanish Monstrous.** Bui Bur Fst Gng Ggy Hrn Lnr Mau JMM M&S Ree T&B Vau Wlt.  
For similar names see *Sweet Spanish*.  
SEEDSMEN'S SYNONYM. *Bull Nose*, Wlt.
- Squash.** Bai Brt Bgg Brk Bdg Bru Bui Brb C&J Cle Cox Emr Fqr Fax Ggy Gry Grw Lan Lnr Liv Min Mzy Pnt Ptt Pot Qkr S&F Thm T&B Vin.  
SIMILAR NAMES. Large Squash, Boston Squash, Dwarf Red Squash, Early Dwarf Red Squash, Early Dwarf Squash.  
SEEDSMEN'S SYNONYMS. *Tomato*, Bui Cle Cox Lan Lnr Liv, etc. *Pickling*, Fqr S&F. *Flat*, Ggy. *Bonnet*, Lan.
- Sweet.** Hly.  
SIMILAR NAME. Large Sweet.
- Sweet Bell.** Mhl. For similar names see *Bell*.
- Sweet Bull Nose.** Hly. For similar names see *Bull Nose*.
- Sweet Columbus.** Eic.
- Sweet Golden Dawn.** MV Rce Sox Tat Thr Wlt.  
For similar names see *Golden Dawn*.
- Sweet Mammoth.** Shw. For similar names see *Mammoth*.
- Sweet Mountain.** Alr Bai Brd Brt Bkt Ber Blg Bow Bgg Brk Bdg Bgs Bri Brn Bru Bng Buc Bui Brb Bur Brr Brw C&J Cle C&B Col Cox Crs Cur D&H Del DD Eas Ebe Ebr Elt Emr Fqr Fer Frd GlS GH Gra Gry Grw TG Hde Hrm Hrn Haw Hen H&C Hly Hlm Hop Hnt H&P Iml Iow Jus K&W Ken Kg Kra Lam Lea Lnr LB Loh Lon Mnd Mgd Mns Mau May JCM JMM Min MV Mzy Neb Nol NI NK OV Pg Pks HP JMP Pnt Ptt Pot Pri Raw Ree Rce Rs Sal SC S&F Shw S&O Shm Sox SB S&W Tem Thm Thr Thb AGT Til Vau Vk Vin Wea W&D Wdr Wyg Yng Y&H.  
SIMILAR NAMES. Mountain, Mammoth Sweet Mountain, Large Sweet Mountain, Improved Sweet Mountain.  
SEEDSMEN'S SYNONYMS. *Large Sweet*, Bui. *Bull Nose*, Bru Hrn. *Mammoth*, Bur Cur Elt Hen Iow Vk, etc. *Spanish Mammoth*, Fer. *Bell*, Ptt. *Sweet Spanish*, Bow H&P SB. *Mango*, Shm.
- Sweet Orange Mammoth.** Liv S&B. For similar names see *Mammoth* and *Sweet*.
- Sweet Spanish.** Bow Bdg Bng Cle C&B Cur CA Drm Eic Elt RE Evr Ewg GH Gra Hns H&P J&M Kei Lan Liv Mnd Mau Mzy NK Ren Rt Sal S&O Sim Stk SB S&W Tat Thm Thr Til Trm T&B W&D Wer.  
SIMILAR NAMES. Spanish Monstrous, Spanish Mammoth, Large Sweet Spanish, Giant Sweet Spanish, Mammoth Sweet Spanish, Monstrous Sweet Spanish.  
SEEDSMEN'S SYNONYMS. *Sweet Mountain*, Bow H&P SB. *Mammoth*, Trm. *Monstrous*, Stk.
- Tabasco.** Bur Col Drr Eic Jer Lan Mau Pnt Sal Stk Thr Wd.
- Thick Long Red.** Liv. For similar names see *Long Red*.
- Tomato.** Bai Bow Bgg Brk Bdg Bui Brb Cle CF Cox Crs TG Lan Lnr Liv Min Mzy Pnt Ptt Qkr Rce Thm T&B Vin.  
SEEDSMEN'S SYNONYMS. *Squash*, Bui Cox Liv Ptt T&B Vin. *Bonnet*, Lan. *Large Squash*, Bdg Bow CF Crs Ree. *Boston Squash*, TG
- Tom Thumb.** Mau.
- Wrinkled.** Bgs Bur Liv Ren Vau.  
SIMILAR NAMES. Yellow Wrinkled, Scarlet Wrinkled, Orange Wrinkled.
- Yellow Cherry.** Crs GH Pnt SC Thr. For similar names see *Cherry*.
- Yellow Chili.** Fer Hly NK Pg. For similar names see *Chili*.
- Yellow Wrinkled.** Bur. For similar names see *Wrinkled*.





### BULLETINS OF THE BUREAU OF PLANT INDUSTRY.

The Bureau of Plant Industry, which was organized July 1, 1901, includes Vegetable Pathological and Physiological Investigations, Botanical Investigations and Experiments, Grass and Forage Plant Investigations, Pomological Investigations, and Gardens and Grounds, all of which were formerly independent divisions, and also those of Seed and Plant Introduction, the Arlington Experimental Farm, Tea Investigations and Experiments, and the Congressional Seed Distribution. Beginning with the date of organization of the Bureau, the independent series of bulletins of the Division of Botany, the last number of which was 29, and also that of each of the other divisions, was discontinued, and all are now published as one series of the Bureau.

The bulletins published in the series are:

- No. 1. The Relation of Lime and Magnesia to Plant Growth. 1901.
- No. 2. Spermatogenesis and Fecundation of *Zamia*. 1901.
- No. 3. Macaroni Wheats. 1901.
- No. 4. Range Improvement in Arizona. 1901.
- No. 5. Inventory No. 9, Seeds and Plants Imported through the Section of Seed and Plant Introduction, Nos. 4351-5500. 1902.

