



[This matter must not be reprinted without special permission.]

Incubators resembling quite closely those in use at the present time are said to have been in use in Egypt 4,000 years ago.

Potatoes at 25 cents a bushel furnish an excellent as well as economical ration for hogs and dairy cows, and tens of thousands of bushels of them will be used that way the coming few months.

The United States leads the world in the production of corn. Of other corn producing countries, Spain grew 25,984,000 bushels the past season, Russia 61,908,000 bushels and Egypt 70,448,000 bushels.

Cockerels that are kept after Oct. 15 unless intended for breeding purposes next season become higher priced meat with every day that passes, for they eat greedily and do not make as rapid a gain in weight as they did in the first five or six months.

Some one has figured out that if a man was as good a jumper in proportion to the length of his legs as a flea he could clear the top of the flagstaff on the Singer building in New York city. It is probably just as well that he doesn't have the flea's capacity for hopping around.

Dozens of dairy farmers are feeding and milking twenty cows twice per day each day of the year, when the chances are that twelve or fifteen of the number would pay a larger profit. The whole idea is to find out which are the good cows and then give them the attention they need.

The Virginia Horticultural society, through its secretary, Walter Whately of Crozet, Va., offers \$50 for the best five boxes of apples (one of each variety) of a given list of apples. The competition is open to the United States and Canada, and the Virginians challenge any one to beat them.

A northern Mississippi beekeeper is reported to have produced a hybrid bee, the result of mating a honey bee queen with a male bumblebee. The resulting brood produced a fair crop of honey from red clover, though the season was poor. The hybrid is of an attractive color, showing alternate red and yellow stripes.

Odebolt, which is located in Sac county, in west central Iowa, is the center of the largest popcorn producing section in the world, more than 10,000,000 pounds of popcorn being shipped from that point each year. The yield of the cereal is from 2,000 to 3,000 pounds per acre, which at 2 cents a pound means a gross revenue of from \$60 to \$90.

If there is any occupation under the sun that would seem calculated to make a fellow tired of life it is milking a herd of untested cows, half or more of which are not giving enough return in milk and cream to pay for their keep and leave anything at all for care and the exacting labor connected with milking, which isn't poetry by a long way even under most favorable circumstances.

At the third annual apple show held at Sebastopol, Sonoma county, Cal., a few weeks ago, 1,000,000 apples were displayed in attractive fashion. An interesting fact in connection with the show was that all the apples were Gravensteins. Special features were a booth in which Luther Burbank exhibited a great variety of new fruit creations, a box of apples from a tree one hundred years old and an exhibit of forty boxes, the product of a single tree.

Every reader seriously interested in any phase of horticulture or agriculture should have a copy of the year book of the United States department of agriculture. The book may be got without cost by dropping a line asking for it to your representative or senator at Washington. The book contains a world of information along interesting and practical lines and not only gives a summary of crop statistics but accounts of the progress made in experimental and research work along a great variety of lines.

The Sulzer bill which was passed by congress a few weeks ago and became a law on receiving President Taft's signature gives the following specifications of what is to be the standard apple barrel of the future: Length of stave, twenty-eight and one-half inches; diameter of head, seventeen and one-eighth inches; distance between heads, twenty-six inches; circumference of bulge, sixty-four inches, outside measurement. The new barrel will contain 7,056 cubic inches. The law prescribing it will go into effect on July 1, 1913, which will affect the pack of next season's crop.

Keepers of bees and those wishing to take up the work will be interested in farmers' bulletin No. 503 on "Comb Honey," lately issued by the department of agriculture at Washington. It may be had free of charge by writing to the department for it.

The Holland farmer carries on dairying on land worth from \$900 to \$800 per acre and makes money at it. In too many instances the American farmer is shinning along on bare ground on land that is worth \$100. The difference is merely in the man and his methods.

It will often be found not only less expensive, but better for the children of the country school district, to pay for hauling them to a good town school than to pay for a teacher and fuel in order to keep the district school open. This is especially true if the number of pupils in the district is small.

A perfect dish of oatmeal, a cereal that is much used, but usually ill cooked, can be prepared by boiling for about fifteen minutes and then stewing away in a fireless cooker overnight. By this process the oatmeal is not only thoroughly cooked, but it also keeps its shape. It is not sloppy porridge, on the one hand; neither is it raw and tough as a piece of india rubber.

In sections where the winter precipitation is heavy in the form of rain or snow and the winters are not so severe as to make a cover crop in the orchard advisable for the purpose of catching and holding the snow, plowing in the fall is recommended for the purpose of enabling the soil to the better hold moisture, which in turn tends to prevent washing and gully-ing.

With crops of practically all kinds showing unprecedented yields, with money plentiful, labor employed and political agitation showing practically no effect on industrial projects, an era of prosperity and good times would seem to be just ahead the like of which has not been experienced in a dozen years. Every man who has two hands may aid in furthering it and should receive a generous share of its benefits.

One of the live subjects of very general interest that are to be discussed at the coming national apple show at Spokane is that of the handling and utilizing of the byproduct—the inferior grades of apples which cannot be boxed and marketed. This is a mighty live proposition, and until some satisfactory solution is offered there is bound to be a big leak on a host of ranches in the west, where a high standard of fruit for packing is insisted upon.

The high quality of fruit packed by several noted western fruit growers' associations is the better understood when one is on the ground and sees the amount and quality of the fruit that is discarded for one reason or another. The fancy box fruit is the result of much pains in caring for trees and fruit from blossom to picking time and of a rigid selection when it is packed. The fancy price received is simply the result of the law of cause and effect. It doesn't come by chance.

If ever there was a husking season when the crop was calculated to tax human capacity and ingenuity to get it under cover before heavy snows, it is the one just begun. The total crop of the country is put at 3,000,000,000 bushels, while individual farmers who thought they were going to have fifty or sixty bushels per acre are confronted with a yield of eighty or ninety. The corn picker has been perfected so that it does very satisfactory work, and a lot of them will have to be pressed into service to handle the crop.

That was a considerate as well as level headed housewife who rewarded the girl who had been working for her with a birthday party as an evidence of her appreciation of the fact that the latter had done her work well and faithfully and had been kind to the children. If more of the spirit were manifested by other mistresses of households there would be a lot less trouble in the matter of securing female help in the home and a good many less ads. in the weekly and daily papers under the heading "Girl Wanted."

Under the terms of the plant quarantine act passed by congress the past summer an embargo has been placed on the importation of potatoes from Newfoundland and several European countries in order to prevent the introduction of the potato canker or black scab. The importation of potatoes during the fiscal year closing June 30, 1912, from the countries affected by this order totaled 12,685,719 bushels and valued at more than \$6,000,000. It is fortunate for the American consumer that this order comes at a time when there is an abundant crop of the tubers.

The residents of one Ohio town have got the right idea about squelching a monopoly. Recently the egg dealers of the place decided that they would force up the price of eggs. The result was the formation of a boycott against eggs in any form which was entered into by the 40,000 inhabitants of the city. At last reports eggs were about where they had been and these protesters were still eating beef and making their cakes of shortening, lard and sugar. To be effective this boycott should spread until it covered a considerable part of the country. There would be things doing then, and no mistake.

DIRECTORY OF OFFICIALS.

- United States. President... William H. Taft. Vice President... James S. Sherman. Secretary of State... P. C. Knox. Secretary of Treasury... F. MacVeagh. Secretary of Interior... W. L. Fisher. Secretary of War... H. L. Stimson. Secretary of Commerce and Labor... Charles Nagel. Secretary of Navy... Geo. Von L. Meyer. Secretary of Agriculture... Jas. Wilson. Postmaster General... F. H. Hitchcock. Attorney General... G. W. Wickersham. State. Attorney... Fred W. Wilson. Governor... Oswald West. Secretary of State... H. W. Olcott. Treasurer... Thos. B. Kay. Atty General... A. M. Crawford. Superintendent Public Instruction... L. R. Alderman. State Printer... W. S. Dunaway. Commissioner Labor Statistics... O. P. Hoff. Game Warden... W. L. Finley. State Engineer... John H. Lewis. United States Senators... George E. Chamberlain. Congressmen... A. W. Lafferty, Jonathan Bourne, Jr., W. C. Hawley. Crook County. Judge... W. L. Bradshaw. Judge... H. C. Ellis. Clerk... Warren Brown. Sheriff... T. N. Balfour. Treasurer... Ralph Jordan. Assessor... J. D. LaFollette. School Supt... R. A. Ford. Coroner... Dr. E. O. Hyde. Surveyor... Fred A. Rice. Commissioners... R. H. Bayley, James Rhee. The Courts. Circuit—Meets first Monday in May and third Monday in October. Probate—Meets first Monday in each month. Commissioners—Meets first Wed-

- nesday in January, March, May, July, September and November. Bend School District No. 12. Directors... H. J. Overturf, Chmn. F. M. Ray. Clerk... Clyde M. McKay, H. E. Allen. City of Bend. Mayor... G. P. Putnam. Recorder... H. C. Ellis. Treasurer... H. J. Overturf. Chief of Police... S. E. Roberts. City Engineer... George S. Young. Councilmen... H. E. Allen, A. L. French, M. E. Lattin, H. B. Ford, John Steidl, J. H. Wenandy.

NOTICE OF CONTEST. Department of the Interior, United States Land Office, The Dalles, Oregon, Dec. 4, 1912. To John H. Williams of Sumner, Wash., Contestee: You are hereby notified that D. P. Boon, who gives Bend, Oregon, as his postoffice address, did on October 2, 1912, file in this office his duly corroborated application to contest

and secure the cancellation of your homestead entry No. ... serial No. 06510, made May 16, 1910, for W 1/2, section 4, township 20, S., range 18, E., Willamette Meridian, and as grounds for his contest he alleges that said John H. Williams has failed and neglected to establish residence upon, cultivate or improve said land and has abandoned the same for more than one year last past. You are, therefore, further notified that the said allegations will be taken by this office as having been confessed by you, and your said entry will be canceled thereunder without your further right to be heard therein, either before this office or on appeal, if you fail to file in this office within twenty days after the FOURTH publication of this notice, as shown below, your answer, under oath, specifically meeting and responding to these allegations of contest, or if you fail within that time to file in this office due proof that you have served a copy of your answer on the said contestant in person or by registered mail. If this service is made by the delivery of a copy of your answer on the said contestant either in person, proof of such service must be either the said contestant's written acknowledgment of his receipt of the copy, showing the date of its receipt, or the affidavit of the

person by whom the delivery was made stating when and where the copy was delivered; if made by registered mail, proof of such service must consist of the affidavit of the person by whom the copy was mailed stating when and the postoffice to which it was mailed, and this affidavit must be accompanied by the postmaster's receipt for the letter. You should state in your answer the name of the postoffice to which you desire further notices to be sent to you. C. W. MOORE, Register. Date of first publication, Dec. 11, 1912. Date of second publication, Dec. 18, 1912. Date of third publication, Dec. 25, 1912. Date of fourth publication, Jan. 1, 1913.

CHRISTMAS and New Year DANCE Sather's Hall Saturday Evening Dec. 28 GOOD MUSIC by the BEND ORCHESTRA.

Candies, Fruits, Nuts POST CARDS 1c EACH. Photographs of Deschutes Valley Boyd Building--Greenwood Avenue ROY VINYARD CLIFFORD BURGON

SEPARATORS THE SHARPLESS TUBULAR THE BEST Separator made. Easy to clean, light to run, and it's the CLEANEST SKIMMER MADE. We have them in stock. COME AND SEE THEM. MOWERS AND HAY RAKES. THE CELEBRATED DEERING LINE. Light, strong and durable. For sale by THE STORE OF QUALITY S. C. CALDWELL, Mgr.

TRY THE NEW White River Flour Manufactured by Oregon's finest Mill. Notice the taste—you'll like it. Made to comply with the pure food laws, therefore, NOT BLEACHED, but PURE AND WHOLESOME. NOW FOR SALE BY L. B. MISENER Bend, Oregon.

Legal Blanks OF ALL KINDS Blank Notes Rent Books Receipt Books Agreements Sales Contracts Crook County Maps Central Oregon Maps Scratch Pads Township Plats Cruisers' Books. We take orders for Rubber Stamps. The Bend Bulletin

Clover Leaf Dairy PURE MILK AND CREAM TELEPHONE and we will deliver S. L. STAATS, Prop.

THE WHITE IS KING The BEST all-round Family Sewing Machine that can be produced. Made in both ROTARY and VIBRATOR styles. The rotary makes both LOCK and CHAIN stitch. The latest up to the minute steel attachments with each machine. Sold on easy payments. Send name and address for our beautiful H. T. catalogue free. White Sewing Machine Co. 1460 Market Street San Francisco, California