

Poultry Breeders Are Making Use of Modern Equipment to Increase Profits

GIANT INCUBATOR SETS PACE WITH POULTRY EXPERTS

One of the most modern poultry plants in Oregon is that owned by F. C. Schroder, who lives on Eighty-second street southeast, Portland. Schroder has recently installed the largest incubator now in the state. It is a mammoth Newton Giant and has a capacity of 10,800 eggs.

But this is only the beginning. In building his new incubator house, Schroder has planned for enlarging and expects to install another of this same size next season. This mammoth machine is divided into units of 800 egg capacity with each of these sections divided into compartments of 150. Each of these compartments has its individual automatic regulator which keeps the temperature at any desired degree.

HEATED BY HOT WATER

The entire plant is heated by a hot water system, the heating unit being enclosed in a separate room to prevent any burnt air coming in contact with the eggs or the baby chicks. The heating plant, which is self regulating, burns gas briquets and needs attention but twice daily.

Schroder states that this machine is a great improvement over the old individual unit machines. It requires very little attention to keep the heat perfectly regulated and is a great labor saver, as the eggs may be automatically turned in the entire row by the use of a crank at one end of the machine. It requires less than five minutes to turn the 10,800 eggs.

Schroder is hatching the eggs from the hens which he has upon his own place. He calls them the Royal Ann strain of the White Leghorns and the cock at the head of his flock is King of the Wops, who is a direct offspring of the Madison Square Garden and the Emerson and Martin strains.

BIRD NEVER BEATEN

This bird is of wonderful type and has never yet been beaten in a show ring. He shows wonderful style and vitality and is considered one of the best in the country. The owner has a large standing offer for this bird, but he will not sell at any price.

Only two-year-old hens are kept in the breeding flock. These are birds which have been proven in the laying pens the year before and have been closely culled and picked for vitality. Schroder will produce 6000 baby chicks this year for his own use. These will be culled next year while they are in the commercial flock and will be used the second year in the breeding pens.

All of the pullets which Schroder now has in his flock of 2500 are kept in a commercial pen and one of the eggs are used for hatching.

BREEDS FOR VITALITY

Schroder believes in breeding for vitality as well as for egg production, and the baby chicks which he is placing upon the market are marked through the Routledge Seed and Floral company, who installed the incubator.

LARGE INCUBATOR DOING FINE WORK



F. C. Schroder and his Newtown Mammoth Giant incubator which has a capacity of 10,800 eggs. Only a few baby chicks were on hand to face the camera.

Poultry Producers association, of which organization Schroder is president. Most of the baby chicks are marketed through the Routledge Seed and Floral company, who installed the incubator.

This is one of the most modernly equipped and best regulated plants in the state and it is well worth anyone's time to see it if they are contemplating going into the poultry business.

STOCKMEN TO RUN CREAMERY

Dairying is now recognized as a profitable industry in the Silver Lake valley, which has long been the center of the range cattle and sheep industry.

The stagnation of the wool and cattle markets has resulted in a growing interest in dairying on the part of range stockmen, particularly since they have found the weekly cream check a handy instrument in paying for groceries at the local stores, which some time ago went on a cash basis.

A dairy meeting was held on February 5 which was attended by some 40 interested ranchers. A movement was started to purchase the Fort Rock creamery, which will then be established at Silver Lake. Some 25 stockmen signed up for shares in the creamery and a committee composed of E. F. Graves, A. B. Schroder and Louis Bennet of Silver Lake have been signing up shareholders in the Summer Lake country. A talk on dairying, silos and dairy cattle was given by R. A. Ward of the First National bank of Bend.

A discussion of silos and silage crops for northern Lake county conditions proved of considerable interest to the Silver Lake ranchers.

Crops of rye, oats, barley and wheat are grown on the lake beds and in the creek bottoms with fair success. On the upland soils rye has proved the chief crop. Many of these farmers are planning on trying out sunflowers and field peas as silage crops. There is an abundance of moisture in the soils and the Silver Lake hills have more snow on them than for years, so indications are for a good crop in the valley this year. The Silver Lake people feel that a creamery will prove of great benefit to the country, especially after the completion of the Silver Lake irrigation project, which will bring most of the valley lands under irrigation. The stages of paraffin paper. Thus the prunes are not touched by hands from the time they leave the sorting tables at the driers until they are ready for shipment, making a perfect food product.

Proper method in preparing for the table is very essential in order to get the most enjoyment and the best food value from the daily use of the fruit.

A fundamental point is to remember that dried fruits should never be subjected to violent boiling. Soaking a number of hours in cold water, then slow simmering for a short time, is the only right process in cooking.

DUNDEE GROWERS HAVE PRUNE WEEK

Newberg, Or., Feb. 19.—The Dundee Fruit Growers' and Packers' association, which met in Newberg this week, featured Oregon prunes. Booths were erected and prune delicacies served. Five-pound boxes bearing the label of the Dundee Fruit Growers' and Packers' association will be sent all over the United States. The local newspaper issued a special prune edition.

This particular part of the Willamette valley, the center of the Oregon prune industry, has fully demonstrated its ideal conditions for producing the best fruit known for drying purposes. Soil and climate, especially in the hill land, combine in furnishing these conditions. The fruit grown here is dried, processed and packed under the strictest sanitary conditions.

Growers here, through long experience and careful study of methods, have become expert in the art of curing the fruit. Prunes grown here are dried by artificial heat, in kilns completely protected from contamination of any sort, differing materially in this feature from fruit cured in the open air, exposed for a long season to dirt, dust and insects.

Live, dry steam, under heavy pressure, with a spray of pure boiling water as the final cleansing, is the only agent used in the process of sterilization and preparation for packing. Directly from this process the hot fruit goes into the various sized boxes, protected by linings of paraffin paper. Thus the prunes are not touched by hands from the time they leave the sorting tables at the driers until they are ready for shipment, making a perfect food product.

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POULTRY NOTES

In making the matings it will pay the breeder well to spend a considerable amount of time in studying and selecting the individual birds. The different birds available should be compared, their strong and weak points weighed, and the particular purpose of each mating kept in mind. The experienced breeder knows that to produce the quality wanted in the offspring it is not always simply a matter of selecting birds of each sex which in themselves approach as near as possible to the ideal, but that often it is necessary to use birds which differ quite radically from the ideal sought. To the beginner, this is usually unknown, and it comes as a surprise when he fails to secure the results from his mating which he thinks he might reasonably expect.

There is said to be a prospect of cheaper feed and it may be possible soon for poultry breeders to be able to feed wheat to their chickens. Wheat is the most successful food for chickens in the Northwest. Barley without being processed is not good for laying hens, since it has too much fiber. White oats is no better. These grains should be hulled or processed to make them digestible. A balanced mixture of all these grains is hard to beat.

W. R. Wood Stocks Ranch at Bonanza

Klamath Falls, Or., Feb. 26.—W. R. Wood, formerly of Sioux Falls, S. D., has purchased a ranch near Bonanza which he states will be stocked with purebred cattle, eight of which have been purchased at the Claude E. Stevens stock farm near Seattle and are en route to this city. Some of the cows are by the nationally famous Carnation stock farm bull.

10,000 Rabbits Killed

Klamath Falls, Feb. 26.—Ten thousand rabbits have been destroyed in the Lorelia district since December 13 as the result of the intensive campaign waged since that time and due to the discovery of a modification of the standard poison which promises to give excellent results, according to W. J. Sargent, field assistant of the United States biological survey, who has just closed the work in that section.

COW-TESTING WORK IS TO BE CONTINUED

Astoria, Feb. 26.—The members of the Clatsop County Cow Testing association decided to continue testing for another year, at a meeting held in the Chamber of Commerce on February 19, realizing that in order to receive the greatest benefits from cow testing it is necessary to test continuously in order that the young stock and the herd sire can be checked up at all times.

Several members of the association told of the benefits they had received through the cow-testing association.

The tester, W. J. Kent, an experienced dairyman, was able to assist them in feeding, according to several of the dairymen.

The average production per cow last year of the best herd in the Clatsop county association was over 300 pounds of butterfat, which is more than double the average production of cows in the state. During the month of January the Clatsop county association led all the associations in the state in the production per cow.

The dairymen attending the meeting decided to assist the county agent in the organization of other cow-testing associations. They expressed their belief that through the cow-testing associations this section could be made one of the leading dairy sections of the state.

The dairy products of the county now run from \$700,000 to \$1,000,000 a year, and by stimulation of the industry and increased production of the cows this could be doubled in a few years.

Many in Klamath Get Purebred Stock

Klamath Falls, Feb. 26.—During one week the livestock committee of the Klamath county farm bureau has sent for over \$1000 worth of purebred livestock on individual orders for farmers of the county, according to E. H. Thomas, county agent. Included are orders for three more Poland China gilts and four head of dairy cows. C. C. Lewis of Olney is the purchaser of the dairy cows.

Purebred Livestock Men Pick Officers And Adopt Program

Corvallis, Feb. 26.—B. P. Cator of Corvallis was elected president of the Purebred Livestock Breeders' association organized February 25. Other officers are W. N. Locke of Mountain View, vice president; E. R. Morse of Wells, secretary.

A board of directors composed of the project leaders in the districts of the county will carry out the plans of the association for the extermination of scrub sires and the eradication of bovine tuberculosis. Those appointed are: John L. Hubler and Fred Lowry of Astoria; Conner Edwards, Bellfountain; J. M. Reynolds, Corvallis; Frank Hughson, Fairmont; Bert Cator, Independence; Adolph Fromherz, Kiger Island; R. O. Mills, Monroe; Dr. C. H. Newth, Philomath; F. D. Bailey, Plymouth; E. A. Reynolds, Summit; John Buchanan, Willamette; J. H. Goldman, Wren.

Professor E. B. Fitts of the college and George Kabie, county agent, presented the plan of work for the association, which was unanimously adopted.

Judge Stapleton's Leghorns Produce 12 3/4-Ounce Eggs

Judge George W. Stapleton is an enthusiastic and one of the most successful poultry raisers in this district. He has a farm near Gresham where he raises full blooded White Leghorns, in addition to high class Barred Rocks and Single Comb Rhode Island Reds.

The farm is in charge of C. A. Barr, an expert poultry man, formerly of New York state.

At the present time there are 600 eggs from the White Leghorn pens in the incubators for early hatch, and next season Judge Stapleton expects to have 700 White Leghorns, all of them hatched from stock raised at the Gresham farm.

The judge has been exhibiting a dozen White Leghorn eggs which weigh 34 ounces. The largest measures six and eight inches and weighs a little more than four ounces, truly a large egg for this breed.

Shall America Select Its Immigrants?

Instead of shutting our gates against all aliens for a year, as the House proposed, the Senate Committee on Immigration would accelerate the influx from Northwestern Europe while diminishing the flood of other Europeans. This principle of selective immigration is embodied in the Dillingham Bill, a so-called emergency measure which would temporarily limit the admission of aliens of any nationality to five per cent of the number of foreign-born persons of that nationality resident in the United States in 1910. The Danish Danske Pioneer, of Omaha, says: "From a national economical standpoint Dillingham argues his bill soundly and correctly, maintaining, based on statistics, that the restrictions will allow larger immigration than before from Northwestern Europe. We can see no objections to its becoming law." The Czechoslovak Denni Hlasatel does not believe in restrictive legislation on immigration, as "conditions are going to take care of themselves." The Jewish Daily Forward, of Chicago, says that "the Senate bill will hit Jewish immigration no less than would the Johnson bill, had that bill become a law. The real meaning of this bill, then, is that from all these countries (the New Russia) only 86,000 Jews and Gentiles will be allowed to land in the United States during the next year. Jewish immigration will, therefore, be restricted to almost nothing."

The leading article in THE LITERARY DIGEST this week, February 26th, comprises a sweeping survey of the immigration subject in the United States, presenting the views of leading English and foreign-language papers on the measures now under consideration. The article is accompanied by a chart showing the rise and fall of immigration and the numbers of the principal racial groups now in the United States.

Other enlightening news-features in this number of THE DIGEST are:—

The Railroad Pay Problem

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- The Coming Tariff Battle
- The Typhus Pestilence at Our Gate
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- A Russian Author Attacks H. G. Wells
- Topics of the Day

- A Courageous Swiss Poet Rewarded
- "Poisoning" the Chinese
- The Y. W. C. A. in Japan
- City Control of Dance Halls
- The Reorganization of Congress
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Tumalo District's Cattle Stand High In Tubercular Test

Dr. Gardiner, assistant state veterinarian, has completed testing the herds of the first Deschutes county unit in the county's campaign toward the eradication of tuberculosis. The work was done in the Tumalo district and although upwards of 100 cows were tested, comprising the herds of over 15 farmers, only two herds were found to contain any reactors. These were cattle which had been brought in from the Willamette valley and the Tillamook country. This bears out the conclusions that cattle bred in the high, dry climate of the Central Oregon district seldom if ever have tuberculosis and that those which may contract the disease are affected from cattle brought in from districts where the disease was more or less prevalent.

Community Divided Over Question of Sunflower Ensilage

Dallas, Or., Feb. 26.—M. A. Lynch, living near McCoy, is one of several who gave sunflowers a thorough trial as ensilage. While county politics has occupied much of the time in recent weeks, the McCoy community really is divided into two factions, the sunflower adherents, and the advocates of corn, pure and simple. A few of the members of the opposing factions continue to be neighborly but the sunflower situation is one that results in warm and lengthy arguments. Lynch feels that his cows are doing better on the sunflower silage than they did last year on corn. E. L. Stewart, on the other hand, says: "Corn is going to be good enough for me."

Porter Frizzell contends that where corn does well one should forget about other silage crops, but that on some of the low and poorly drained lands where corn is not a success sunflowers have a very proper place.

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