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## UNITED STATES NATIONAL BANK

VALE, OREGON

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Former proprietor of the Drexel at Vale  
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## PRACTICAL TALKS BY GOVERNMENT FARM EXPERTS

No. VII.—Profitable Dairying—Girls' Poultry Club. Guinea Pig as Food.



(Official News Summary of Up to Date Matters Compiled by the United States Department of Agriculture.)

A RECENT report of a cow census originally begun as a private enterprise by ex-Governor W. D. Hoard of Wisconsin and compiled under the direction of B. H. Kawl, chief of the dairy division, United States department of agriculture, shows that cows in the western and central states which were the most profitable were of a good dairy type, were comfortably stabled and received silage as a part of their ration. The owners of these cows were readers of dairy papers and farmers' bulletins.

The investigation was undertaken because of the small profit on many dairy farms. The men who collected the data went into the dairy districts of thirteen states. The facts were collected from 2,163 herds, containing 28,447 cows in all, and covered a period of ten years. The records show that cows of a good dairy type returned to their owners an average of \$17.38 per cow above the cost of feed as compared with \$2.03 returned by the cows of a poor dairy type.

The cows which were comfortably stabled made an annual average profit of \$14.12, whereas those kept in uncomfortable stables made a profit of only 23 cents above the cost of feed.

Those cows which received silage as a part of the ration returned an average of 19 cents more for every dollar's worth of feed given than did the cows which were given no silage. The cows whose owners read good dairy literature produced an average annual profit of \$14.54 per cow over and above the cost of feed. The owners who read neither dairy papers nor farmers' bulletins on dairying made only \$1.85 per cow. Of these nonreaders 48 per cent actually lost money in the dairy business.

Concerning the results of this cow census ex-Governor Hoard says, "The one great and paramount conclusion, overtopping all others, is that loss of profit in dairying is occasioned in nine cases out of ten by a lack of sound dairy intelligence on the part of the farmer who is behind the cow."

**The Guinea Pig as Food.**  
It is difficult to account for the somewhat prevalent notion that no rodents are fit for human food, states the agricultural department's bulletin on the guinea pig. Because of such prejudice some people will not eat rabbits or squirrels. Probably many others are kept from eating such excellent game as muskrats and prairie dogs. While guinea pigs are seldom eaten in the United States, their near relationship to rabbits and the fact that they are wholly vegetarian in habits should reassure any one who may entertain doubts about their fitness for the table. All the wild species of the guinea pig are accounted good game in South America. Rock curies especially are much hunted in parts of Brazil. While the small size of the domestic species is probably the chief cause for its neglect as a food animal, yet we have other highly esteemed game animals that furnish less meat than a guinea pig.

That there is widespread interest in the guinea pig in the United States is evident from the large number of inquiries that the department of agriculture is receiving in connection with the proper methods of raising this little animal. The bureau of animal industry has been experimenting on different methods of raising the pig and finds that it costs from 50 to 60 cents per animal to raise. This cost could be substantially reduced by private breeders. While there is at present little demand for the guinea pig other than for laboratory purposes, the market price ranges from \$1 to \$1.50 apiece. Those favorably located near cities or institutions requiring large numbers of guinea pigs should be able to establish a profitable business in supplying them.

The Peruvian method of dressing the guinea pig for cooking is the one generally adopted wherever it is eaten. The animal is killed by dislocating its neck, after which it goes through about the same process as a sucking pig in preparation for cooking. Its throat is cut, it is hung up for a few minutes to bleed and is then scalded in hot water. The hair is removed, the skin scraped with a knife, the viscera taken out and the carcass washed in tepid water. It is then ready for the cook. The Peruvians usually

roast the animals, but they state that they are excellent eating when cooked in any of the ways commonly applied to small game.

**Girls' Poultry Clubs.**  
The Girls' Poultry club, a unique organization started by the United States department of agriculture for the purpose of encouraging the poultry industry of the country, is making good headway, particularly in the west and middle west. Large organizations have been established in Indiana, Illinois, Iowa, Nebraska, Utah and Idaho. Clubs have also been organized in Virginia, West Virginia, Mississippi, North Carolina and South Carolina.

The first poultry club was organized in Virginia and is flourishing under J. W. Kinghorne, the department's instructor in the state. The object in forming the club was to give a better knowledge of the value and importance of poultry raising and the marketing of a first class uniform product and to teach better methods for the raising of poultry and eggs; also to show the increased revenue to be derived from well bred poultry where proper methods of management are pursued.

There is a four year course mapped out by the founders, starting with the setting of fifteen eggs as a unit for the year's work and concluding with a pen of fifty chickens, forty-six of which are hens and four roosters. Points are given for the number of eggs hatched, number of live chicks, number of cockerels marketed, profit on investment and equipment. Some of the state governments are offering prizes for the most proficient students of the clubs in the nature of trips to their capitals, and one is now offering a prize of a trip to Washington to see congress in session, visit the president and inspect the department of agriculture.

Throughout the year meetings are held in the states where the clubs are in existence for the purpose of discussing the different problems of poultry management. At each meeting, when ever possible, the department of agriculture will have one of its specialists from the animal husbandry division present to instruct the members on poultry raising, selection and care of stock and handling demonstrations. He will also assist in securing first class markets for the sale of the poultry and eggs.

In instructing the clubs the department says that each county club should hold an exhibition once a year, preferably in connection with the county fair, at which place a pair of the best chickens grown by each member should be placed on exhibition and entered to compete in the regular class



HOMEMADE EGG TESTER.

for premium. An exhibition of the best dozen of eggs should also be made.

The department has issued the following suggestions:

To rid the poultry house of mites wash the pen, the roost and the dropping board with kerosene or crude petroleum at least once a week.

Market all cockerels except those intended for breeding purposes as soon as they attain broiler size.

**Petroleum Oil as Adulterant.**  
The department of agriculture has discovered a new adulterant that is being used in the manufacture of biscuits and wafers containing an upper and lower crust with a cream filler. This adulterant is made of petroleum oil, and seizures have already been made of products containing such ingredient.

The oil is used in connection with sugar and milk in preparation of the cream filler and substituted because it is cheaper than coconut oil or butter. The use of this substance in articles of food is regarded as adulteration and in violation of the federal food and drug act. Petroleum oil is a lubricant rather than a product containing food value.

**Wheat, Barley and Oats Abroad.**  
The 1913 total production of wheat was 9.2 per cent more, barley 7.5 per cent more and oats 0.8 per cent more than produced in 1912 in Prussia, Belgium, Denmark, Spain, France, Great Britain and Ireland, Hungary, Italy, Luxemburg, Netherlands, Roumania, Russia in Europe, Switzerland, Canada, United States, India, Japan, Russia in Asia, Algeria and Tunis, according to the International Institute of Agriculture, Rome.

For European Russia the preliminary figures of production this year are: All wheat, 628,000,000 bushels; barley, 550,000,000; oats, 1,101,000,000.

## STUDENTS ENTERTAINED

The students of the eighth grade of the Vale Public School were entertained at the home of C. O. Nelson Thursday evening. Refreshments were served and the evening was very enjoyably spent in games and amusement. The following were those present:

Maud Roberts, Floyd Powell, Valada Rose, Oakley McColm, Nita Pollock, Gladys Murray and Helen Nelson, all of whom are graduates this year from the eighth grade into high school.

### At the Isis

LUCILLE LOVE, THE GIRL OF MYSTERY

This story has been proceured by the ISIS, starting the evening of Wednesday, June 24, and continuing, one instalment each week for fifteen consecutive weeks.

Briefly, the story for episodes 1 and 2 follows:

Hugo Loubeque and Sumpter Love are cadets at West Point. Both love the same woman. Loubeque is expelled from the institution for theft from his fellow cadets. The principal witness against him is Cadet Love, who, as a result of Loubeque's downfall, wins the woman, for the hand of whom both were rivals.

Loubeque sets apart his life to avenge himself upon Love. He carefully educates himself to the end of making his revenge more certain and dire. Knowing that Love will some day become an officer in the army, he lays his plans in that direction. He becomes an international spy, a broker in national secrets. He works upon the plan that no country is greater than its smallest secret.

After a lapse of many years Love is a general in the U. S. Army, stationed at Manila. He has an only daughter, Lucille, who is engaged to marry Lieutenant Gibson. The butler in the Love household is a crackman in the employ of Loubeque. After watching the movements of Love for years, Loubeque decides that the time for action has arrived. General Love receives news from Washington a set of documents of the utmost diplomatic import and the contents of which must be kept in the greatest secrecy. As his aide, Lieutenant Gibson locks them in the safe, at the instigation of Loubeque the butler steals the papers. The honor of General Love is threatened and he informs Gibson to consider himself under arrest until the papers are returned.

Admission to each installment, 10c.

And there are men who can't produce an aggressive jaw without growing a VanDyke beard.

Treason, according to the old fashioned women, is to begin playing the piano before noon.

This doesn't necessarily mean you, but it is too bad the weather does so much of the drying up.

Some men are great in only one thing Absent-mindedness.

A man who is eternally talking loud about his honor hasn't any.

If the other party has forgotten the row, you should also forget it.

When a man has a happy disposition people do not pay much attention to his opinions.

# DIGESTER TANKAGE

Made by the UNION MEAT CO., North Portland, Ore.

## Now on Sale in Vale

AT A SAVING

Whether you raise three hogs or three hundred, you cannot afford to overlook this famous hog food. Read what J. M. Fruitts, of Joseph, Ore., says about Digester Tankage:

Joseph, Ore., Mar. 25 1914

UNION MEAT CO.  
North Portland,  
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Dear Sir:

In reference to the results obtained from your Digester Tankage; I have found it to be a profitable and satisfactory feed. It has no superior as a feed for brood sows. Its high percentage of protein makes it a great developer for the unborn pigs.

It makes strong boned pigs with nice glossy coats. In the show ring it has no equal to my judgment. During the past winter I have fed tankage to my young pigs and have never met with greater success.

Yours truly,  
(Signed) J. M. FRUITTS

Digester Tankage is made from fresh, wholesome pieces of meat. It develops bone and muscle and makes pigs grow. Endorsed by all leading Agricultural Experiment Stations and by the best breeders and feeders in every state. It's a meal in form, fed wet or dry, mixed with other foods.

Digester Tankage can be purchased from our store. We have bought this hog food in large shipments and can give you the benefit of this saving in freight.

Place your order with us now.

## Interior Warehouse Co.

VALE, OREGON

# OREGON LANDS...

Improved and unimproved.

Irrigated Ranches.

Cheap Deeded Land in large-sized tracts.

Stock Ranches with plenty of free range, water and bunch grass.

We grow everything and plenty of it.

We have the soil, climate, transportation and market conditions that are a guarantee to the investor.

An Oil Field that is past the experimental stage and promises to be one second to none on the Pacific coast

## Mills Irrigated Land and Investment Co.

Geo. S. Mills, Mgr. Vale, Oregon  
Oil and Gas Land and Leases National Bank References

## The Enterprise Does Artistic Printing

The orator of the day is apt to think he should put in full time.

The marriage knot is often only a half hitch.

Many a man is judged by the class of his tenants.

It's getting so that one can't even prove anything by witnesses.

Fish and good resolutions don't keep very well in hot weather.

Your competitors had no right to be born during your generation.

A woman can easily imagine that her husband is expectorating his life away.

To know you are right without knowing why you are right is of little comfort.