

TWO BROTHERS BUILD UP A \$10,000 POULTRY PLANT IN FOUR SHORT YEARS

In Western Oregon and Washington Expensive Poultry Houses Such As Are Found in the More Rigorous Middle West Are Unnecessary — Plenty of Fresh Air and Light and Freedom From Drafts and From Vermin are Among the Prime Requisites.

Four years ago George and John Baake of Highland, Cal., started in the chicken business with 240 White Leghorn hens. Now they own five acres of land in the outskirts of Highland, have 2500 pure bred layers, 20 large houses for layers, two incubator cellars with moulder walls, and incubators with a capacity of 10,000 eggs. They expect to raise enough chicks this year to increase their layers to 4500.

The brothers have built cottages for themselves and a helper, have installed machinery for grinding feed, have bought an automobile for handling the transportation end of their business, fenced in the yards about every house and established a good going business.

Before they started out for themselves they each served an apprenticeship in the chicken business with H. A. McLain of Del Rosa, dean of chicken men in the San Bernardino valley. Mr. McLain, by breeding up his flocks until they brought the cash returns that make any business attractive, made his poultry business on that commanded respect.

The Baakes have followed their leader in every particular, though what they had already learned from him and the knowledge that scientific investigation is constantly making available for every one, have made the road to success shorter for them than it was for Mr. McLain, who had to solve most of his own problems.

The Baakes now have 1200 chicks four weeks old from which they expect to sell all the pullets, saving only the best of the cockerels for breeding purposes. The brothers use no forcing methods at all, but cull carefully.

When they first started in one of the brothers handled the chickens, while the other was taking his "senior year" of practice under Mr. McLain, but soon the work grew until it took the time of both the year around and now they require a helper.

But the fact that these men have, by their efforts, bought their land, paid for it, and developed a going concern that may

be inventoried for \$10,000 or more, all inside of four years, with no "tricks" methods, just by plain hard work and good sense, is worth recording.

The Baakes do not raise any of their feed. They buy and grind bright alfalfa hay for green feed and also grind grains and other material for mashers which they mix themselves. They are members of and boosters for the Poultry association and the Farm bureau.

CHILE SHOCKED BY 192 EARTHQUAKES

Picturesque District in Chile Affected by Earth Vibrations

SANTIAGO, Chile, Feb. 21.—One hundred and ninety-two earthquake shocks were registered in six days in the zone affected by the seismic and volcanic disturbances in the mountainous region of the provinces of Valdivia and Cautin, in southern Chile, a few weeks ago, according to belated advices to the ministry of interior. So far as is known there was no loss of life.

The official reports now available, supplementing the earlier information forwarded by cable, lay stress upon the violence of the shocks and the changes in the conformation of the country which resulted.

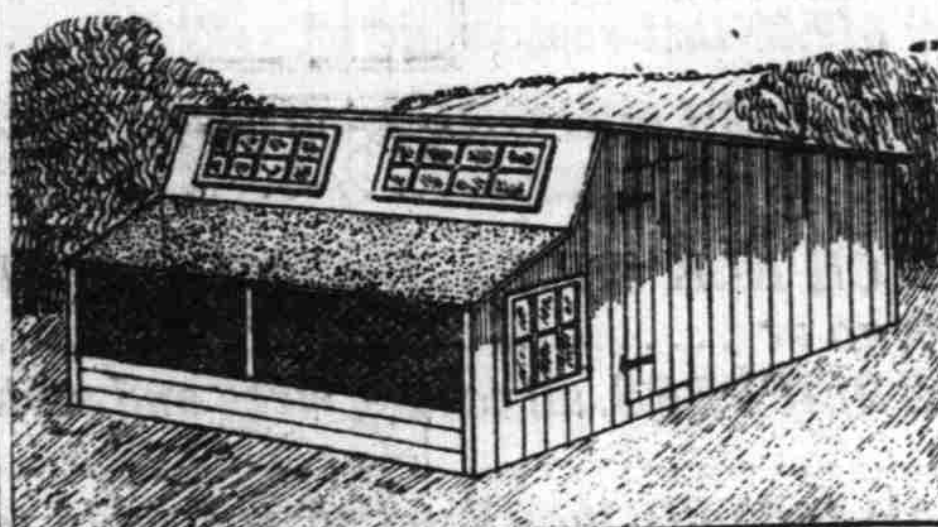
The disturbance is believed to have been due to an explosive eruption of the snow-capped volcano, Villarica, 9600 feet high, which is near the town of Pucun, in Valdivia. It is thought the crater of the volcano became plugged during the periods of inactivity and that the mountain blew its head off with the accompaniment of the violent earthquakes. The volcano is said to be of the type that, as a rule, does not emit molten lava, but ejects pumice and volcanic ash.

The shocks began shortly before midnight on December 9, and for three hours were almost continuous, terrifying the population, most of which are Indians. The most violent quake lasted 20 seconds. The whole region vibrated intermittently during the next five days.

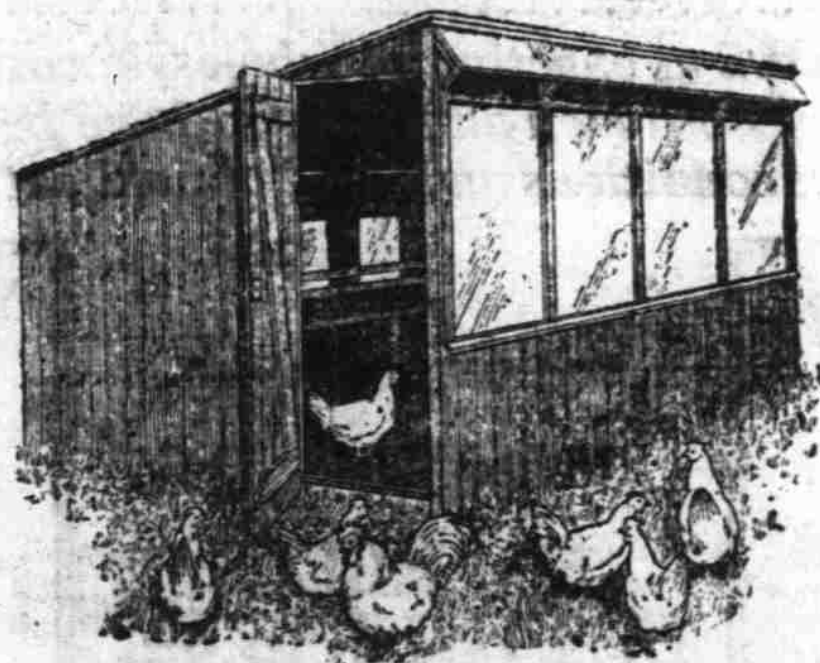
Entire hills were razed and many cattle were killed by falling trees. Much damage was done to small buildings in the town of Pucun, which is a port of entry from Argentina; parts of the international highway to Argentina were destroyed; two lumber mills were wrecked and a third was totally buried under a mass of earth and rock.

Lake Villarica rose five feet later subsiding while Lake Cautin is reported to have sunk 15 feet. The Turbio river, which had its source on the side of Mt. Villarica, disappeared entirely, and the Tancura river, which flows in the valley bearing that name, shrank to half its normal flow.

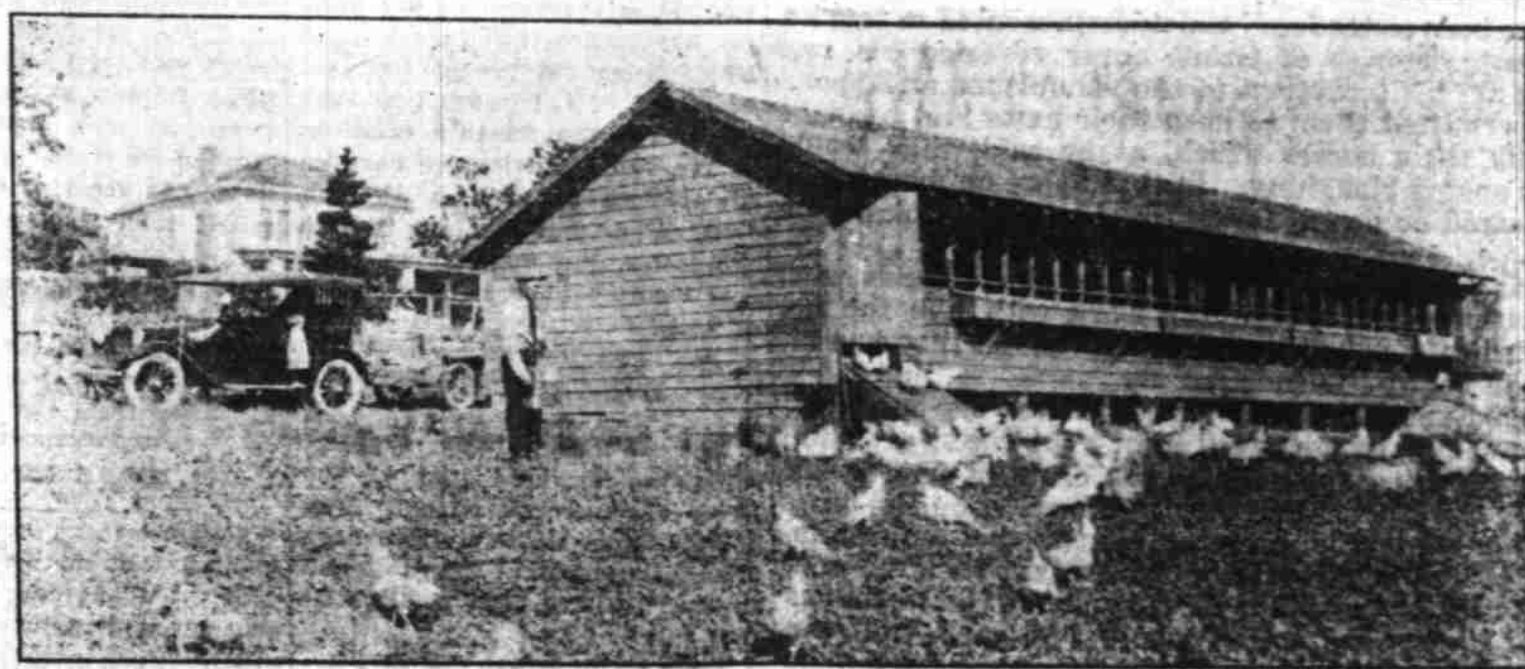
The district affected is one of the most picturesque in Chile. Latest advices said Villarica had quieted.



The Half-Monitor type of poultry building with sunny scratch shed in front and upper windows admitting sunlight to the roosts and interior.



A good serviceable, cheap well lighted and ventilated building. Ventilators over front windows and under eaves at rear of building.



J. A. Hanson and one of his three new laying housing on his College View Poultry Farm, near Corvallis; the commodious, modern home in the background.

SOME PRACTICAL SUGGESTIONS ON POULTRY BUILDINGS AND GROUNDS

Here in the Pacific Northwest, and western Oregon in particular, expensive poultry houses as you find on the poultry farms in the more rigorous middle west and far east, are unnecessary. The Washington and Oregon poultry experimental stations have proven conclusively that the open front type of poultry house, equipped with a cheap canvas roll curtain to be lowered in case of an unusual storm accompanied by wind, is ample, adequate and most practical for the poultry flocks of the Willamette valley and western Washington.

These comparatively cheaply constructed buildings may be built from two by four studs, boxed up with rustic or lap-siding, or they may be built from 1 by 10 or 1 by 12 inch boards with a 1 by 4 inch board placed over the cracks between the wider boards. The open front should in this district face the east, as the prevailing wind and rain storms are from the south or southwest. The open front may be covered with poultry netting or sliding windows which may be kept open the greater part of the year.

It is well to board the front up one or two feet from the bottom and also down about two feet from the top, but this is not absolutely necessary. There should also be a good-sized window in the south end of the poultry building and direct drafts through the building should not be permitted and will not occur should both ends and the back of the building be free from cracks or other openings. The roof may be of patent roofing, shingles or corrugated iron. Plenty of fresh air and light is supplied from the open front, but no direct drafts can come from that source alone if the other three sides of the building are free of cracks and openings.

The floors may be of concrete, wood or hard packed dirt and the roosts and dropping boards should be constructed in sections so they can be easily removed from the building and sprayed occasionally with crude oil, kerosene, or given a coat of whitewash.

While it is common practice to place the nests under the dropping boards, we do not think this the best place from the fact that they are likely to become more quickly infested with lice and mites in that position than if they were constructed in tiers at the north end of the building, which should be slightly darkened.

The site for your poultry buildings should be on an incline or rolling ground, and if the soil is a sandy or gravelly nature so much the better. In fact, the very cheapest side hill or gravelly or rocky land is just as good or better for the location of your poultry buildings or yards as the more productive or higher priced

lands; but of course you need a plot of good soil on which to grow your own kale, mangle beets, carrots, cabbage, oats, clover or other green feed for the poultry on which to add your family garden vegetables, small fruits and berries.

Some of the most successful, largest and most modern poultry ranches in this valley are constructed on comparatively cheap lands which are adapted to few other purposes. Notable among such plants is that of G. B. Coon, Corvallis; Russell E. Butler, Jennings Lodge and many others.

Accompanying this article will be observed a few cuts representing some of the cheaper and more expensive types of poultry buildings adapted to this district and which may be seen on many of the western Oregon and Washington successful poultry ranches.

In most cases they are so planned and constructed that they may receive extensions or additions from time to time at one end or the other as the poultryman's business and flocks expand. Neat, but cheaply constructed buildings, kept free from dampness, drafts and poultry vermin will serve the needs and requirements of the western Oregon and Washington poultrymen as well as the much more elaborate and expensive buildings serve the requirements of the middle western poultryman. This fact makes the industry the more attractive to western poultrymen, as the business can be established on comparatively small capital here where the mild climate makes not only buildings much cheaper, but green feed in abundance available throughout the year. Northwest Poultry Journal, Salem, Oregon.

RADIO SERVES AS DETECTIVE

Potential Recruit Added To New York Police Force

NEW YORK, Feb. 22.—A potentially omniscient recruit has been added to the detective force of the New York police department—wireless telegraphy.

Through this "rookie"—for it is admittedly in the experimental stage—the atmosphere in a 300-mile radius is literally suffused with police alarms concerning stolen automobiles and other suspected criminality, it was announced today. Messages of this sort are flashed broadcast every night between the hours of 7:30 and 11:30, but the station atop police headquarters is kept open constantly to receive messages from other points.

The effectiveness of the radio as a detective agency is limited

only in the lack of co-operation, so far, of police departments of other cities; although officers in charge of the station here said they are receiving admirable co-operation by amateur operators within their receiving radius. Heading the messages sent out every night is a request that all amateurs hearing the alarm copy them and deliver their contents to their respective police departments. In the case of stolen automobiles, a brief description is given, including the make of car, the license number and the motor number.

Police Sergeant Charles E. Pearce, who originated the use of the radio for detective purposes, said there was no limit to its effectiveness if other police departments will install similar stations. Although good results have been attained through the amateurs, there are several elements in that method that hinder the work, he said. Aside from having to depend upon the honesty and zeal of the amateurs, they usually operate their stations as an avocation, and their whims may not always lead them to listen when messages are being sent.

Sergeant Pearce said there are many obvious advantages of the radio over the use of the telegraph. In the first place, it covers a given area instantaneously, whereas the telegraph can cover only a few points along one line at best. Speed is one of the most important factors in sending alarms, so that police all over the sending area may be on the alert at once. The radio also is cheaper, he said, for the plant here can be operated at the expense of burning only a few electric bulbs. Another point in its favor is the removal from danger of the line being cut off by the very criminals the detectives are trying to trace.

The efficiency of the radio also was pointed out in discovery of criminality on board incoming and outgoing ships. Ships bringing to this country suspected criminals could easily tip off the police department when they were near port, and detectives could be on hand at the docks to seize the suspect.

NO COME-BACK

A furrier was selling a coat to a woman customer. "Yes, madam," he said, "I guarantee this to be genuine skunk fur that will wear for many years."

"But suppose I got the coat wet in the rain," asked the woman, "what effect will the water have on it? What will happen to it then?"

"Madam," answered the furrier "I have only one answer: Did you ever hear of a skunk carrying an umbrella?"

PUBLIC NOTICES

NOTICE OF ASSESSMENT FOR THE COST OF IMPROVING SEVENTEENTH STREET IN THE CITY OF SALEM, FROM COURT STREET TO CHEMOKET STREET.

To Eva Cavanaugh, Lenna E. Ragan, Lella B. Wiggins, William Yarnell, Florence Yarnell, Elizabeth Petzel, George P. Peed, Nancy O. Peed and Orville Ballou:

You and each of you, are hereby notified that the City of Salem, Oregon, has by Ordinance No. 1669 levied an assessment upon your respective property hereinafter described, and in the amount hereinafter set forth, for

THINGS THAT NEVER HAPPEN



FURNITURE AUCTION

At 481 Union street, 1 p. m.

Wed. March 16th. Everything must be sold. Come to this sale. A lot of this furniture is new.

One cook stove, 2 center tables, 5 rockers, 13 chairs—some are new ones—2 dressers, one cot, 3 rugs, 1 stair-carpet, 1 euphoard, 2 heater stoves, 5 beds and mattresses, springs, 2 kitchen dressers, 2 dining tables, Dishes: One set of Blue Bird dishes and a lot of white dishes, 1 Columbia Grafonola and 15 records, 1 sewing machine, 1 piano stool, 1 washing machine, 1 lawn mower, some pictures, 3 mirrors, 1 Perfection oil stove, 1 hall rack, 1 five-gallon oil can, 1 marble-top commode, 1 clothes boiler. Lots of pans and kettles, 1 gas range, 1 baby bed, 1 iron teakettle, 1 breakfast table (new). Everything that goes with a home. Everyone come and be on time at 1 p. m. Other things too numerous to mention.

L. A. SEHEELER,
Owner, 481 Union St.

G. SATTERLEE,
Auctioneer, Phone 1177
404 Ferry St.



YOUR EYES

to be strong and clear in the future must be cared for now. They are a priceless possession, eighty per cent of

YOUR EDUCATION

is derived through your eyes. Give them the advantage of our skilled methods and modern equipment in eyesight examination so

YOUR FUTURE

years may be bright with the vision that you gave your eyes the best in quality and comfort.

HARTMAN BROS.

Jewelers and Opticians

Get Clothes Comfort



YES—Comfort in getting a spring suit that fits nicely, that holds its shape, that always looks well and that represents economy in good wearing quality.

Come in and See the Latest Spring Suitings

Our display of more than a thousand fabrics includes all the up-to-the-minute designs and colorings—there is not a single new idea missing in our fashionable showing of staple and novelty suitings. Good all-wool suits well tailored, as low as \$30.

SCOTCH WOOLEN MILLS STORE
496 State St., Salem, Ore.

Classified Ads. In The Statesman Bring Results

Thousands Crowded Our Store All Day. Eager to get Good Values for 19c of items valued to 50c.

As long as the stock last the sale will be continued.

Be Here Monday Early

Shop Where the Crowds Buy



Shop Where the Crswws Buy

BABY CHICKS



"NOW ON HAND"
558 State Street
Opposite County Court House
C. N. NEEDHAM
Salem Baby Chick Specialist

Make My Business YOUR BUSINESS

Let Me Pay The Expenses

Many people do not like the business end of the fancy poultry business. I do. Suppose you raise

FAVEROLLES

and let me help you sell your stock and eggs at good prices. I have more orders than I can fill. I cannot increase my capacity at home.

I need more local customers. I believe I can help you and I know you can help me.

Baby Faverolles are in demand.

Stock in large numbers are wanted.

Eggs by the hundreds are required.

I will start you right.

I will lose on you now but I will gain in the future.

I have advertised but little locally—hence the scarcity of Faverolles around Salem.

Special Offer to SALEM AND VICINITY

To encourage the raising of more Salmon Faverolles around Salem I will, for this season, sell eggs from Yards No. 2 and 3 at \$2.50 per 15 and from Yard No. 1 at \$5.00 per 15.

Regular prices: Yard No. 1, \$10.00; Yards No. 2 and 3, \$2.50.

My Show Offer:

For the best cockerel or pullet from my eggs at the next Salem or Portland winter show I will give 15 eggs from my best stock.

EUGENE T. PRESCOTT

Salem, Oregon, R. F. D. No. 2