

**WE NEED**  
A STARCH FACTORY, A PICKLE FACTORY, A STEAM LAUNDRY, A FRUIT AND VEGETABLE  
CANNERY, AN ELECTRIC LIGHT AND WATER PLANT AND OTHER INDUSTRIES, ALL OF  
WHICH WOULD PAY AND WOULD RECEIVE MUCH ENCOURAGEMENT.

**MAP OF COUNTRY TRIBUTARY  
TO GRESHAM, OREGON.**

THE HOME  
OF THE GIANT  
RED CEDAR,  
THE  
SEATLY  
HENLOCK  
AND WHERE  
ROOTS AND  
VEGETABLES  
CAN BE PRO-  
DUCED IN AB-  
UNDANCE.

This country is one of the best for raising small fruits and is the home of the Oregon Bullberry, the big red apple, the sweet cherry, the black cherry, the blueberry, the huckleberry, the wild rose and the plum, which are all raised in abundance. The soil is rich and fertile and produces the most valuable crops. The valley of the fruit lands is the best for growing and controlling the fruit. The people living near the best market with electric transportation from the farm, and who make it to come and abide with them.

For further information write to the secretary  
Gresham Commercial Development League  
Gresham, Oregon.

**PORTABLE HOG HOUSES.**

An Easy Matter to Put Them in a New Location.

A handy portable hog house in use at the Montana experiment station is described in Orange Judd Farmer as follows:

These houses have been in use for more than two months, and the idea is such a practical one and the outlay so small that we give our exact plan for building.

It might be stated right here that the material for the roof, ends and

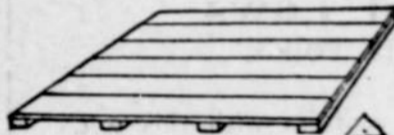


FIG. 1—PLATFORM FOR HOG HOUSE.

floor of the hog house was ordinary 1 by 5 tongued and grooved flooring, which cost us at the rate of \$23 per thousand. The other material used was the ordinary 2 by 4 scantling, which cost \$15 per thousand. First make a platform 6 by 6 feet, with four 2 by 4 pieces supporting it and running the entire length as skids. The platform will appear as in Fig. 1.

Next a 2 by 4 is supported four and a half feet above the center of the platform, with its long way running the same direction as the 2 by 4 skids supporting the floor. Now begin to nail the boards that are to make the slanting roof to the edge of the platform and also to the 2 by 4 supported above the floor. It will not be long before the slanting roof boards will

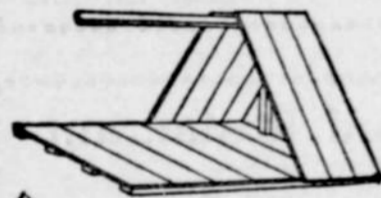


FIG. 2—IN COURSE OF BUILDING.

support the 2 by 4 at the top, and the false supports may be knocked out. The hog house partly built may be seen in Fig. 2. After the roof is nailed on completely then come the ends of the house. We first fit in pieces of 2 by 4 under the roof and resting on the floor. One of these may be seen in Fig. 2. The bottoms of these are toe nailed to the floor and the tops nailed securely down through the roof. To these 2 by 4's the end boards are nailed. The ends of the house should be so inserted that the roof projects an inch or so beyond, to prevent the rain leaking through in wet weather.

In one of the ends the door is made. A swinging door, as in Fig. 3, is fitted to the opening, and the hinges, which are at the top, are simply loops of wire. This wire runs through holes bored above the door and also through two holes through the top of the door, the idea being to have the door swing either in or out, according to the will of the hog.

Two round openings are placed, one in either end of the house, near the

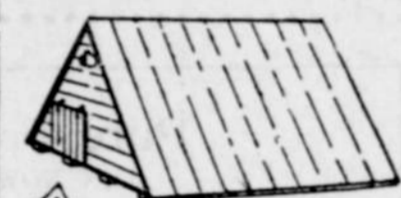


FIG. 3—A MOVABLE STRUCTURE.  
(Will accommodate from two to six hogs, according to size.)

peak of the roof. These ventilating holes are about six inches across and are controlled by swinging blocks, fastened sufficiently stiff so as to stay wherever turned. The hog house complete, showing swinging door and ventilator hole, will appear as in Fig. 3. Now, if an armful of straw be placed inside of one of the houses, we have a snug, comfortable and warm winter house. With these individual houses it is a very easy matter, with the use of a horse, to draw the house to an entirely new, clean and dry location.

**Farm Hives.**

Anybody who can drive a team can spread manure with a spreader. It's easy to put off the short jobs till another day, but it never pays.

Down in Alabama they get the best returns by sowing their oats in November.

Keep the water from lodging in the road. That's the secret of the road drag.

Don't throw away the wood ashes. They are valuable for the lawn, garden or orchard.

Put the manure upon the ground as fast as it accumulates. You may have some trouble doing this during the coldest weather, but most of the year it can be done with a spreader.

**Watering Fowls in Winter.**

It is difficult to supply fresh water to poultry when the weather is severely cold, as the water freezes and cannot be used. Earthenware fountains are often broken by expansion during freezing, and the only convenient method of providing water is with the aid of wooden troughs, which can be scalded and kept clean with ease. To avoid freezing some poultrymen adopt the plan of watering their fowls three

times a day, using tepid water, and the birds soon become accustomed to the practice. Immediately after the hens have finished drinking the troughs are emptied, placed on end out of the way and used only when the next watering of the flock occurs.

**Remedy For Lamp Jaw.**

The Ohio Farmer gives the following remedy for either lump jaw or glandular swelling in a cow: Apply one part red iodide of mercury and four parts lard to bunches twice a week. Give one dram of iodide of potash in feed night and morning.

**THE SHEPHERD**

Cornstalks are valuable fodder for sheep, and if cut green and properly cured and then put through the shredder there should be but little waste, says the Farm Journal.

When considerable cornstalks are fed some grain and roots should be added to the ration.

Don't feed the sheep on the ground. Have good troughs.

It never pays to let sheep begin the winter thin. When the pasture gets short, begin on the grain ration and keep it up till the sheep are in good order. They will winter better and have better lambs by and by.

The forage ration should preferably be bright clear hay.

If the sheep are not in good flesh give them about two gills each of grain.

It is well to keep sheep in lots of fifty each.

One ram to fifty ewes.

When the climate is mild open sheds are preferable to closed ones.

Where closed sheds are used they should be aired during the day by leaving the doors open when the sheep are in the yards.

Protect heavy woolled sheep from cold rains. The weight of the water will sometimes prevent the sheep from rising. It chills the ewes, and lambs are lost by it.

Give some oil meal with the grain ration. It is good for the digestion.

Keep a sharp outlook for anything wrong. Find the cause and right it at once. Delays are dangerous with a flock.

Make the sheep tame by kindness. They will do the better for it. Make it a point to count the sheep every day. As soon as the wool is clipped from the sheep the ticks go for the lambs. If the sheep are dipped each should be brushed, as some of the young ticks may adhere to the old sheep; then, in about two weeks, dip both sheep and lambs. That will finish the tick business.

**Dressing and Keeping Mutton.**

In dressing mutton always bear in mind that you should not feed your wether for twenty-four hours prior to slaughtering. It is not generally known, but undigested food is apt to flavor the flesh. Keep this point constantly in mind, writes L. B. Harris in Orange Judd Farmer. Do not try fancy methods in dressing your mutton. Have your carcass perfectly plain. Do not hire a butcher to kill your sheep. Do it yourself. After slaughtering hang the carcass in your cellar. If the latter will keep bread without its molding you may rest assured that your mutton will not spoil. Hang the mutton; do not lay it down. If hung properly, with no two carcasses touching and with the loose pieces drawn back so that the air can thoroughly permeate the surface, these carcasses should keep till April. At any rate, do not take it down for cutting up until one month after putting it in the cellar. I prefer six weeks. There is a chemical change in the flesh of the sheep within six weeks from the time of killing. You will find after that time the mutton will not stick to the knife in handling the carcass.

**With the Crowd.**

"It is disreputable to go into politics for what there is in it."  
"Still a fellow doesn't feel so lonely then."

**Clackamas County GLEANINGS**

**FIRWOOD**

The east wind has been blowing a gale making it very cold.

Mrs. Anton Malar has returned to her home from Astoria, where she has been quite ill.

Will Bosholm made a business trip to Portland Monday.

Ed Hart has moved his blacksmith shop into a larger building.

Miss Elsie Malar spent a very enjoyable evening with Miss Mabel Bornstedt Saturday.

E. D. Hart and B. F. Hart made a trip to Portland Sunday.

**KELSO.**

Mrs. Jordahl died Saturday January 12th, aged 92 years. She was buried Monday January 14th.

D. Shaw moved to Kelso last week. He has bought a new team and wagon and will now haul ties.

Fred Rickert and wife have moved down to Jonsrud Bros. mill where Mr. Rickert is employed.

Chas. Sharke has finished papering and painting R. Jonsrud's new house.

A movement is on foot to raise a subscription for the purpose of erecting a building at Kelso to be used for all educational purposes. It will fill a long felt need in the community. Kelso will also soon have a library.

**SANDY.**

Dr. J. G. McElroy on his return from a recent trip to Aims reports that place booming. There are three sawmills in full blast and real estate deals are frequent.

Sleighting parties of merry lads and lassies went whizzing along Sandy's roads the past week.

A goodly number of debators and their friends were at Junker's Hall last Saturday night to listen to a discussion on the Woman Suffrage question. The society intends in the near future to give a literary entertainment and special pains will be taken to make the affair a success.

Geo. Herron of Portland was in town last Sunday.

Hugh Fitzgerald, a prosperous farmer of Dover, was in town last Saturday.

Geo. Kitzmiller spent Sunday at his home at Dover.

J. B. Tawney, the blacksmith, has returned from his visit at McMinnville.

Mrs. Jensen recently of Tacoma is assisting Mrs. C. Junker in the hotel.

Max Kllegal was in Sandy on Sunday last.

Miss Carolina Vaeretti expects to remain several weeks longer with her parents before returning to Portland.

Is Wesley Bacon's wagon home yet? Hard luck wasn't it?

Miss Jennie Collins, teacher of Cliffside school, came over last week to the W. O. W. installation.

Another party of surveyors is at the Sandy Hotel.

Austin and Elsie Malar of Firwood were recent Sandy visitors.

Jas. Bell of Sandy Ridge recently attended a sumptuous dinner given by Mrs. Geo. Thomas of Bullrun on her seventieth anniversary.

Geo. Davenport of Portland was in this vicinity on Tuesday. He reports a strong potato market.

A. G. Bornstedt made a hasty trip to Portland Monday.

The Store that Made Sandy FAMOUS **BORNSTEDT'S** Money refunded if goods not as represented

We have some  
**Real Bargains in Leftover Xmas Goods**  
such as Silk Handkerchiefs,  
Fancy Pops,  
Mantle Clocks, Etc.

Also a few REMNANTS OF DRY GOODS which we are selling at reduced rates.

This week we have added to our constantly growing stock of Dry Goods a line of

**Danish Cloths**

They are sold at a modest price and look and wear as well as many high-priced goods.

If you are in need of "a lid," just hold your horses till our stock of

**"J. B. Stetson" and "Tiger" Hats**  
arrive. They'll be here soon.

More Tips NEXT WEEK **BORNSTEDT'S** Sandy, Ore.



**The Sandy Hotel**

FIRST-CLASS ACCOMODATIONS

Commercial Trade Solicited : : : Clean Beds and Good Meals

Feed Stable in Connection

**Casper Junker, - - Prop'r**  
SANDY, - ORE.

**GAGE**

Gib. Bates traded teams with Alf. Graff last week. Gib is getting the reputation of being a good horse trader.

A happy bachelor has come from Umatilla to reside on Mrs. Geo. Kelley's ranch.

Wm. Northway and Lew Bates are going to ship another car of potatoes this week if the weather will permit.

Mrs. Cederstrom is home from Portland where she has been sewing during the winter.

Lew Stohler has sold his onions, getting 75 cents a sack.

E. T. Preston has gone to work for the Kelley & Whilon company.

**LUSTEDS**

A pleasant surprise was given Mr. and Mrs. Harry Lusted on last Thursday evening. A large number of neighbors and friends met at the home completely surprising the occupants. Music and games, candy and chocolate creams made the hours pass pleasantly until the guests departed at a late hour.

Geo. Leslie and Alva Hevel were bailing hay in this locality last week.

Miss Jessie Francis of Portland is visiting with Geo. Lusted and family.

Mrs. E. D. Hamilton has been sick with the grip during the week.

Farmers in this vicinity are fearing for the safety of their potatoes during this cold snap.

Miss Goulet recently visited her parents in Portland.

The sleighing is greatly enjoyed by the young people who are making the most of it.

**ROCKWOOD**

George Carl and John Mellin, ministers of the German Brethrens church, of Portland held services at Rockwood the 13th, although it was cold and stormy there was sixteen present.

Preparations are being made for the German Brethrens church in the city on Killingsworth and Borthwick streets. It will not be completed until Spring.

Many members from other places are locating in the city. Services on Burnside street at the Mission are discontinued.

No snow in Portland we go ten miles east to get a sleigh ride.

Mrs. Flemming and Miss Huges of Centralia, Wash. returned to the Sound city the 15th.

F. McKinney and wife were enjoying the freezing weather on a recent trip to the city.

**Orland Zeek, GENERAL**

**Blacksmithing**

AND DEALER IN  
HARNESS, FARM IMPLEMENTS,  
BUGGIES and WAGONS

Pleasant Home, Ore.

**A Bargain Every Day**

IS OUR MOTTO

We try to give our Customers the long end on every deal.

SMALL PROFITS and QUICK SALES

This is especially so in

**Groceries and Feed**

Get our prices on  
HARDWARE, DRY GOODS, LOGGERS' and MILL SUPPLIES,

**S. W. SCOVILLE**

COTTRELL, - - - OREGON

**The BIG JANUARY BARGAIN SALES**  
AT THE **Douglass Cash Store**

CONTINUE WITH INCREASING INTEREST

Ladies' First Quality Wrappers, worth \$1.50 and up, now selling at from 60c and up.

OTHER THINGS IN PROPORTION. BARGAIN PRICES!  
PLEASANT HOME, - OREGON