

REFUSE AID AND COMFORT TO HEN'S ENEMIES

Don't tolerate mites and lice in your hennery. They are unnecessary pests and they sap the vitality that should go into egg production. Nowadays, effective ways are known for eradicating lice and mites altogether. First, a dust bath should be accessible to the hens. Usually there will be a place in the yard where the hens can dust themselves in the dry dirt. If such a place is not available, a box large enough (about 2 feet square) for the hens to get into it should be provided in the house and a quantity of dust such as ordinary road dust or fine dirt placed in it to allow the hens a place to dust themselves. A dust bath aids the hens in keeping lice in check and therefore adds to their comfort. Usually the lice are not present on the birds in sufficient number to prove particularly harmful. However, it is better to keep the hens as free as possible from this pest, and if they are not able to keep them in check by dusting themselves, other measures can be undertaken.

To rid the hens of lice, each one can be treated by placing small pinches of sodium flurid, a material which can be obtained at most large drug stores, among the feathers next to the skin—one pinch on the head, one on the neck, two on the back, one on the breast, one below the vent, one at the base of the tail; one on either thigh, and one scattered on the underside of each wing when spread. Another method is to use a small quantity of blue ointment, a piece about as large as a pea on the skin 1 inch below the vent. If mercurial ointment is used instead of blue ointment, it should be diluted with an equal quantity of vaseline. Any of these methods will be found very effective in ridding the hens of lice and should be employed whenever the lice become troublesome. Two or three applications a year usually prove sufficient.

Mites are more troublesome and more harmful than lice. They do not live upon the bird like the lice, but during the day hide in cracks and crevices of the roosts and walls of the house, and at night they come out and get upon the fowls. They suck the hen's blood and if allowed to become plentiful—as they certainly will if not destroyed—will seriously affect her health and consequently her ability to lay eggs. They may be eradicated by a few thorough applications of kerosene or some of the coal-tar products which are sold for this purpose, or crude petroleum to the interior of the poultry house. The commercial coal-tar products are more expensive but retain their killing power longer, and they may be cheapened by reducing with an equal part of kerosene. Crude petroleum will spray better if thinned with 1 part of kerosene to 4 parts of the crude oil. Both the crude petroleum and the coal-tar products often contain foreign particles, so should be strained before attempting to spray. One must be sure that the spray reaches all of the cracks and crevices, giving especial attention to the roosts, dropping-boards, and nests, and the treatment should be repeated two or three times at intervals of a week or 10 days.

BRITISH FLYING CORPS WANTS FLYERS

British Subjects resident in the United States who up to the present have not had an opportunity of getting a commission in some branch of the British Army can now have a chance to get a commission in the Royal Flying Corps according to information received at the British and Canadian Recruiting Office, Third and Oak Streets, Portland.

Applicants must be between the ages of 18 and 30, and be possessed of a good education. Students, Bankers, Auto Sales Managers, Technical Engineers, and Clerks are the class of men most desired. The pay ranges from \$1.10 to \$1.60 while in training, and when commissioned as a Second Lieutenant the pay is \$5.00 per day.

As this popular branch of the service is not likely to remain open very long, intending applicants are urged to communicate with the British and Canadian Recruiting Office, Portland, as soon as possible.

"We wonder how the kaisers is going to make peace with God."—Detroit Free Press. He fully expects, after he has conquered the earth, that God will sue for peace with him.

Nick Romanoff is said to have plenty of money in the bank of England. Uncle Sam might attach it as security for money loaned his government.

If the prices of poultry and eggs continue to climb, Sambo may find his nocturnal occupation classed under the head of "capital crimes."

FARM LABOR SURVEY SET FOR WEEK OF FEB. 11-16.

J. W. Brewer, Farm Help Specialist of U. S. D. A., Wants Suggestions from Oregon Farmers

The week of Feb. 11-16 has been set for the farm labor survey of Oregon. J. W. Brewer, farm help specialist of the U. S. Department of Agriculture, calls upon the farmers to cooperate by furnishing information in definite form and by making suggestions as to needs and how to meet them.

Mere complaining of the farm labor situation will serve no useful purpose," he says. "The labor problem is difficult to handle at best without the unrest and apprehension created by writings and utterances of un-informed persons.

"The fullest cooperation by the farmers themselves will tend to smooth out some of the rough places. Suggestions will be gladly received for the true state of affairs can be determined only from farmers themselves. County Agricultural Councils or other organizations in counties having no county agents, will gather this information from every part of the State. Blanks will be sent out in time to reach every farmer in Oregon. The questionnaire should be filled out and completely answered if the information is to be of the greatest value to the Government in planning for the future.

"Many ask why such a survey is necessary, but it is the only way information on the labor needs can be gathered as a foundation on which to plan the future."

COUNTIES ARE TO BE HONORED.

The first two government steamers to be launched by Supple & Ballin will be named after two Eastern Oregon counties, Harney and Wallowa, after the government's plan to name all its vessels for places of historical and local interest, as in the cases of the 5800-tonners Westland, Westwind and Westward Ho, and the 3200-tonner Tillamook. The latter was formerly the Margit, launched by the Albina Engine & Machine works. To Mrs. Woodrow Wilson, wife of the president, falls the honor of selecting the names, and she makes the selections partly on voluntarily recommendations of local officials, civic bodies and women's clubs.—Portland Journal.

Fuel Administrator Garfield says the coal shortage was "largely psychological." We are glad to know it wasn't the dreadful reality the suffering poor imagined it.

NORTH PACIFIC DISTRICT ALLOTMENTS FOR FOREST ROADS.

The North Pacific District, comprising Oregon, Washington, and Alaska, will receive \$272,422 of the 1919 allotment of funds under section 8 of the Federal Aid Road Act which provides for the use of a million dollars of Federal money a year for ten years to build roads and trails within or partly within the National Forests, according to District Forester Geo. H. Ceeli, Portland, who has just received notice from Washington that the Secretary of Agriculture has approved the allotments for the fiscal year ending June 30, 1919. Under this allotment Oregon will receive \$132,796 Washington, \$92,565, and Alaska \$47,061. This is about \$6,000 in excess of the 1918 allotment for the District.

Because of the National Forest land within their borders, twenty-seven states of the territory Alaska share in the benefits of this Act. The allotments are made on a basis of the area of National Forest land in the several states and the estimated value of the timber and grazing resources of the Forests.

In order to take advantage of these allotments it is necessary for the local authorities, either state or county, or both, to cooperate in the various road projects, usually on a fifty-fifty basis. The engineering work for forest roads is done under the direction of District Engineer L. I. Hewes, of the Office of Public Roads, who cooperates with the Forest Service in its road building operations.

Secretary Huston has already approved the cooperative agreements for seven Federal Aid Forest road projects in the District—the Cook Collins road on the Columbia National Forest, the Republic-Wauconda road on the Colville Forest, and the Lake Quinault road on the Olympic Forest, in Washington, and the Ochoce Canyon Road on the Ochoce Forest, the Canyonville-Galesville road on the Umpqua Forest and two sections of the Medford-Klamath Falls road on the Crater Forest, in Oregon.

Funds to pay the Government's share in the survey and construction of these roads have already been provided from the 1918 Federal Aid Road Act allotment.

About 200 board feet of wood is used in the actual construction of the average airplane. To obtain this material it is ordinarily necessary to work over about 1,500 feet of select lumber, which often represents all that can be used of 15,000 board feet of standing timber.

According to one of the German forestry journals the Kaiser, in 1908, killed 1,995 pieces of game, including 70 stags elk and roebuck. At that time he had slaughtered a total of 61,730 pieces of game, more than 4000 of which were stags, and was the leading exterminator of wild life in the world. As a slaughterer of men, women and children, since 1914, however, he has been the foremost exterminator of human life in all history.

The Kaiser is reported to be running short of man power. This country should help him out to the extent of about half million of his subjects for whom we have absolutely no need.

NAZARENE CHURCH

Rev. Lyman Brough, Pastor. A cordial invitation is extended to you to attend our services. The hours of the service on the Sabbath are as follows: Preaching at 11 A. M. Sabbath School at 10 A. M. Young Peoples' meeting at 6:45 P. M. Song service at 7:30 P. M. Preaching at 8:00 P. M. Prayer meeting Wednesday at 7:30 P. M.



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HOLY FAMILY CHURCH (Catholic)

Cor Miller and C. Sts. Sunday High Mass at 10:30 o'clock. Week days Mass at 7 o'clock. Instructions for children Saturdays at 9 A. M. Rev. Father Francis, O. F. M. Rector.

Had The Grip Three Weeks.

With January comes Lagrippe. Lingered colds seem to settle in the system causing one to ache all over, feel feverish and chilly, tired, heavy and drooping. Mrs. Lizzie Tyler Henderson Ky., writes: "My daughter had lagrippe for three weeks, gave her Foley's Honey and Tar and now she is alright." Sold by Retail Bros.

OVER THE TOP!

Uncle Sam says we must put our boys "Over The Top." To do this we who stay at home must do our part, which is CONSERVATION.

Just now we are especially asked to conserve fuel. The only way to conserve fuel is to Burn Less. This is a difficult matter with the old fuel-eating stoves to be seen in so many homes.

You don't have to make any special effort to save fuel if you are using one of our famous Charter Oak Stoves and Ranges. They just naturally live and thrive on less than others, and gives you every ounce of heat energy there is in your fuel.

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We are ready at all times to serve meals to your order, from the full course dinner, to the most "conservative" of lunches.

Can supply you with "wheatless" or "meatless" meals at your pleasure—and either will be appetizing and nourishing.

Mace's Restaurant



FORD IS STILL MAKING CARS

Rumors to the contrary are untrue. The ever increasing demand for Ford Cars makes them hard to get.

Buyers of Ford Cars for the past year have been compelled to wait their turn.

We are taking orders every day and if you are wise you will see us at once about your car.

No time to lose now if you are contemplating the purchase of a car in the early spring.

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