

Farmer, Stockman and Dairyman

Better Than Swatting—

The use of one ounce of formaldehyde in eight ounces of milk is a very effective fly poison, and one that is easily used. Small quantities of the poison can be placed in saucers in windows or wherever flies congregate. Flies take poison most readily in the morning.

One on Addison Bennett—

At the meeting of the Oregon Press Association at Marshfield last week, Addison Bennett, versatile scribe, made a speech in which he said that his father brought to Coos county the first Graystein bull. Now, Addison, if you could have introduced a Percheron prune yourself the chald of unusual breeds would seem complete.

Alfalfa Hay as Feed—

A number of Lane county dairymen in order to relieve the shortage of feed are shipping in alfalfa hay. Over 120 tons have been ordered to date. Alfalfa is superior to either cow hay or bran for feed, and its substitution pound for pound for bran will bring a ten per cent increase in lactation. The substitution will further effect a saving of from \$5 to \$10 a ton over mill feed.

Beans in Lane County—

Last year the bean-growing industry in the county received a great stimulus, which resulted in a large acreage being planted. While the results were not as gratifying as was hoped for, nevertheless Lane county has to date shipped more than fifteen carloads of beans out of the county. This is three times the amount shipped last year, and has resulted in the county beginning to get the reputation as a bean-growing center.

It seems that the most important thing essential to establishing the industry on a profitable and permanent basis in the county is that the growers standardize on the variety that they produce.

Get Thicker Cream From Milk—

The following are some of the points Professor Fitts, of the Oregon Agricultural College mentioned as important reasons for the skimming of a thicker cream on the farm, given at the recent dairy meeting in Eugene.

1. Thick cream (40 per cent) keeps sweet longer.
2. A thin cream sends away skim milk from the farm that should be fed at home. Five hundred pounds of skim milk per cow is sent away with a 20 per cent skimming during the year. If the cream was nearer a 40 per cent this quantity would be saved. This item is of importance now, as skim milk, according to Mr. Fitts, is worth \$1 a hundredweight for feeding.
3. A better butter can be made from a 35 to 40 per cent cream. This cream is the cause of white specks in butter.
4. There is a saving in transportation when a thicker cream is skimmed. All of these facts, if observed, will mean a saving of \$5 to \$8 a cow per year, besides improving the quality of our butter. The better the quality, the better demand which results in better prices. Help the dairy market by producing clean cream of good quality.

Clots in Milk—

Nearly everyone who milks cows has had experience with lumpy or clotty milk. This is caused by what is called garget. It is a disease of the udder attributed by veterinarians to germs which get into the teats. Some-

times cows will give lumpy milk from one quarter for a day or so and it will disappear without treatment. At other times the whole udder will be affected, becoming hard and feverish. Some cows have spells of giving garget, or lumpy milk at intervals throughout the milking period. A cow that persists in being troubled in this way is not a very valuable cow. Sometimes the only thing that can be done is to dispose of such cows on the market.

Professor Eckles of the Missouri Agricultural College, recommends giving a cow affected with garget a physic of one and one-half pounds of Epsom salts in the form of a drink, also a tablespoonful of saltpeter once a day for two or three days. If a cow is getting considerable grain, cut down the grain ration while she is giving lumpy milk.

A new remedy suggested by Doctor Dykstra of our Agricultural College is to give one-eighth ounce of formalin in a quart of water once a day for ten days.

Lime Water for Separator—

We wonder if any of our readers have ever tried using lime water to keep the hand separator sweet. Washing the separator after the evening work is done is a job all dislike. As the machine runs, particles of dirt and any foreign substances are thrown to the outside of the bowl. The sticky material remaining after the milk and cream has passed through the machine is called separator slime. It is always with germs and will contaminate the milk at the next separation unless the separator is washed and carefully sterilized. Some persons simply rinse the separator at night and let it stand before giving it a thorough washing. This is fatal to the quality of the cream. The suggestion is made that by careful rinsing in cold water and then placing the separator parts in a solution of lime water the germs will be destroyed, or at least kept from increasing over night. Then give the machine a real cleaning after separating the morning's milk. This plan cannot be as good as washing after each skimming, but may serve the purpose occasionally.

Hold Your Liberty Bonds—

To successfully finance the war it is necessary that owners of Liberty bonds hold their bonds if possible. Where for any good reason it is necessary for them to turn their bonds into cash they should seek the advice of their bankers.

Liberty loan bonds are very desirable investments, and crafty individuals are using various means to secure them from owners not familiar with stock values and like matters. One method is to offer to exchange for Liberty bonds stocks or bonds of doubtful organizations represented as returning a much higher income than the bonds. There are various other methods used and likely to be used, some of the gold-brick variety and others less crude and probably within the limits of the law. All offers for Liberty bonds except for money and at market value should be scrutinized carefully. The bonds are the safest of investments and have non-taxable and other valuable features.

To hold your Liberty bonds, if possible, is patriotic. To consult your bankers before selling them is wise.

Treat Potato Seed—

One of the most troublesome potato disease in Lane county is Rhizoc.

Many people do not know the disease, nor the extent of its injury to the crop, and unless the disease is checked through crop rotation and seed treatment, the disease is going to become as discouraging a factor to successful potato growing as the 1917 prices were.

One can tell if the seed is infected with the disease by noting if there are any small black specks of dirt-like looking substance on the skin of the potato. If these specks are dark black when moistened, and will not rub off, that's Rhizoc all right.

Why do we want to get rid of these diseases? Because it causes missing hills, large tops with few tubers in the hill, development of small potatoes on the stems above the ground, and develops a dwarf, bushy plant, with few potatoes in the hill. All these factors affect the yields, and for this reason all seed should be treated before being planted. This will tend to check the disease, and prevent its spread over all our potato area.

To eradicate the evil dissolve 4 ounces of corrosive sublimate in a gallon of hot water, and add to 29 gallons of water. This is the best remedy for all potato diseases, and should be used in preference to other chemicals. The solution should be used in wooden vessels, as it will corrode metal tubs, vats, etc.

The seed is placed in sacks and submerged in this solution and soaked from one-half to two hours. After treating, the seed is placed out on floor to dry and then it is ready to be cut for seed. Do not dip cut seed.

Crop rotation is also necessary to control this disease once it badly infests a hill, as the disease will live on other plants as root crops, clover, etc., as well as on potatoes. The disease, once it infests a field, will remain in the ground several years. These last two factors are reasons why the treatment does not always give the results expected in some instances. This treatment is also good for scab in potatoes. Rhizoc is most troublesome on acid soils and poorly drained soils.

Treat your seed and rotate now and save time in future years, and also get larger yields from less acres by so doing.

Treating Scaly Leg—

Scaly leg of poultry is a common and well known affection of chickens that sometimes causes affected birds to become worthless. It is caused by an extremely small mite that works in and under the crusts that form on the legs. Caraway or sulphur ointment will kill the pests.

The disease is slowly contagious and for this reason a quarantine pen is desirable on the farm so that purchased fowls may be treated for parasites and watched for any contagious or infectious disease.

To treat scaly leg, the legs and feet of affected fowls should be held in hot water for several minutes, so that the crusts may be softened and easily removed. A mite killer is then applied to the dry diseased surface.

The Ohio Experiment Station recommends the following mixtures: (1) Oil of caraway mixed in four times as much lard or vaseline, and (2) flowers of sulphur, one dram; carbonate of potash, 20 grains, and lard or vaseline, half an ounce.

Some poultrymen have used a mixture of one part of kerosene and two parts of raw linseed oil with speedy effect. The legs of the affected fowls are dipped in this mixture, care being taken that the feathers are not wet.

Mrs. Stewart has been visiting with her sister near Jasper, Mrs. G. H. Pullen.

Mrs. Peery Wallace, who underwent a major operation at the Mercy hospital in Eugene, is improving nicely.

Word has been received of the marriage of Miss Hazel Hills, daughter of Mr. and Mrs. Joe Hills of this place, to Dr. Hayley Norris of Raymond, Wash. Miss Hills has been working at that place for some time with her sister, Mrs. Homer Cox, whose husband is a prominent physician there.

Mr. and Mrs. Bob Blair are visiting in Portland.

Mr. and Mrs. John Jacoby and Mrs. D. Jacoby and son Lester spent Sunday at the Will Smith home at Natron.

John Walsh has accepted a position with Mr. Blair as a clerk for him.

Mrs. Squire Innis is spending a few days with her son, Frank, who attended the Benson Polytechnic school in Portland, and expects to leave for France soon.

This is a mild form of indigestion. It is usually brought on by eating too rapidly or too much, or of food not suited to your digestive organs.

If you will eat slowly, masticate your food thoroughly, eat but little meat and none at all for supper you will more than likely avoid the sour stomach without taking any medicine whatever. When you have sour stomach take one of Chamberlain's Tablets to aid digestion. adv.

1918 CLASS WILL REGISTER SOON

Younger and Older Men to Enroll Fifth of Next Month in Lane County.

The Lane county draft board has received instructions from the adjutant-general of the State to begin preparations for the registration of men to be included in the extension of draft ages by the man-power bill now before Congress.

The bill as introduced provides for the registration of all men between the ages of 18 and 45 must register the 5th of September. It is thought that it will pass and all of the draft boards are to be prepared and have all in readiness for the registration when the bill is passed and the President issues his proclamation. It is thought that it will be near September 5th before the bill passes both the house and the senate. It is expected, however, that the delay may not be extensive, as the military officials are back of the bill as it has been introduced.

In the counties it will be necessary for the local boards to get places for the registration. In the 1917 registration all of the polling places were opened and the election board acted as the organization for the registration. In many places the organization served without pay. The matter is who is to act as registrars is to be determined by the board unless future regulations make a change. The board also has the authority to determine the number of registration places in the county.

In the last registration only a few places were open owing to the fact that so few were to register. In the next registration there are to be more unless the ages are changed by Congress.

Lane county has a fine organization for the purpose of registering, composed of patriotic citizens formerly used in the work. It is thought that all will respond in a week after the day for registration has been set.

Names of registrars and places of registration will be announced in plenty of time before the set date, so that all will be advised where to register. C. D. Lee, deputy county clerk, will have charge of this branch of the work as before.

HAS FINE FILBERT CROP

George Dorris Invites Association to Visit Grove.

George A. Dorris of this city, who lives on a farm over Willamette Heights, has written to J. C. Cooper that he wants the next Walnut Growers' Association to see his filbert grove. The association is to meet August 27 and 28, and will make the session in cars up and down the valley, reaching here just before the filbert harvest.

The trees are literally loaded, and one could convince the most skeptical that there is great promise in them. Mr. Dorris announces that he would like to have a few trees harvested before the association under their direction, so that authentic records can be made of the yield. This year's experience is only another confirmation of the opinion that he has had for several years that filberts are a surer and more profitable crop under favorable conditions than walnuts.

"Filbert growing can no longer be regarded as an experiment," says Mr. Dorris.

To Former Patrons.

Having disposed of my grocery business to the Springfield Feed Company, I wish to take this opportunity to thank my friends for their patronage during my stay in business, and bespeak for my successors the continuance of your hearty good will.

All accounts due me will be taken care of by myself, and in order to close my affairs in Springfield as soon as possible, I earnestly request all patrons who are indebted to me to pay their accounts at once. Payments can be made to myself or my clerk at the Springfield Feed Company's store.

Very respectfully,
R. W. SMITH.

With a population of 40,000,000 France is mothering more than 2,000,000 refugees.



UNIVERSITY OF OREGON Training for Efficiency in Peace or in War

Fully equipped liberal culture and scientific departments. Special training in Commerce, Journalism, Architecture, Law, Medicine, Teaching, Library Work, Music, Household Arts, Physical Training and Fine Arts. A Military Science in charge of American and British officers. Drill, lectures and field work. All operations based on experience in present war. Complete system of teachers, bridges, etc. Students recommended for Commissions. Official—Government R. O. T. C. Tuition FREE. Library of 80,000 volumes. Dormitories for men and women. Expense lowest, much opportunity for working one's way. Write Registrar, Eugene, Oregon, for illustrated booklet.

"C" SIGNS REMAIN MYSTERY DEFER SCHOOL OPENINGS

Doors of Springfield and Eugene Homes So Marked Cause Much Worry and Speculation.

Attention has been called to the many odd markings on the doors of many of the houses here. At one home there were several marks that had never been noticed before, but were quite clear and had been newly marked, as it was in pencil and would have been erased had it been there before. At first it was thought that some one had been marking their height, but it was much higher than anyone in the family. Another home had the initials "C. B." clearly written with some odd marks around them, while one home where there is a man of German descent, but who is strictly American, had a mark on the panel near the door, with a round O and crossbones beneath it, marked in pencil, which was clearly visible on the paint and would have been noticed had it been there before. In most of the cases there is a letter "C" on the casing about five and one-half feet from the floor. Marks resembling a horseshoe upside down have been found in Eugene and Springfield and colored crosses on the sidewalks. Since there have been so many of the signs it has attracted the attention of the people.

No definite clue for the cause has been found, but many people have formed ideas of their own. One woman in Eugene gives her word that it has something to do with the Germans because on her door was a "C" with a short line beneath it, and on the home of a German neighbor there is a "C" with an entirely different variation. It is thought by some that it has something to do with some religious fanatic, the letter "C" and the cross referring in some way to Christ.

Still further remarks are that some agent has made the mark to indicate the places that they have vacated on the different marks meaning that the persons were at home or were absent from home, and other various reasons that they should mark for, while some say that small boys put the marks there. Many think that the marks are merely "give us a scare." How, or similar marks have been found in Junction City, Harrietteburg, and Marshfield, and several places in Washington.

Has a Good Opinion of Chamberlain's Tablets.

"Chamberlain's Tablets are a wonder. I never sold anything that beat them," writes F. B. Tressey, Richmond Ky. When troubled, with indigestion or constipation give them a trial, adv.

Take the News for the news



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Makes Cooking a Pleasure

A New Perfection Oil Cook Stove takes all the drudgery out of cooking. Lights at the touch of a match and heats in a jiffy. Bakes, broils, roasts, toasts,—all the year round.

No smoke or odor; no dust or dirt. Economical—all the convenience of gas.

In 1, 2, 3 and 4 burner sizes, with or without ovens or cabinets. Ask your dealer today.

STANDARD OIL COMPANY (California)

NEW PERFECTION OIL COOK STOVE

M. C. BRESSLER & SON Springfield, Oregon

HAVE CHOICE OF MARKET

New Regulations Permit Wheat Growers to Deliver to Federal Grain Corporation or in Open Market.

Corvallis, Or., Aug. 14.—Oregon wheat growers may deliver their 1918 crop direct to the Food Administration Grain Corporation or sell in the open market at either Portland or Astoria. Or they may ship to a commission merchant at a terminal point and thus secure the benefit of competitive buying.

If the grain is sent direct to the Federal Grain Corporation it will be unloaded in the elevator and remittances made for it as soon as the weight and the grade returns are made to the Corporation. The returns will be based on the government grades and weights and the government price less one per cent for service.

A traffic bureau to aid shippers of wheat and flour to get cars and expedite their shipments will be maintained by the Food Administration. Application should be made for service to the Grain Corporation at either of the primary markets, Portland or Astoria.

Buyers at the point of origin may place their own grade upon the wheat purchase. If higher than the government grade it will raise the price. If lower, the producer may ship his grain to the Federal Grain Corporation. This option is always open to the grower if he thinks that

he is not getting a square deal through commercial channels.

The primary price at Portland and Astoria is \$2.20.

Jasper Personal.

Mrs. Peery Wallace underwent an operation for appendicitis at the Mercy hospital in Eugene a week ago.

Hazelton and Harvey have installed a new motor in their tie mill and are running daily now.

Grandma Hills is visiting in Eugene for a few weeks with her daughter, Mrs. John Moorehouse.

T. J. Elliott had his hand badly mashed a few days ago, when he fell to the ground as he stepped from an auto in which he had been riding. The rear wheel of the car ran over his hand. He went to Eugene to have his hand cared for.

The boy scouts of Goshen came to Jasper last Sunday and attended Sunday school in a body.

Mrs. Della Vaughn visited with friends at Fall Creek for a few days.

The ladies in the Red-Cross met last Thursday to quilt. Monis Hills is erecting a new residence on the Roberts place which he purchased some time ago. Miss Amy Love visited with friends in Goshen for a few days last week. Miss Cora Walker of Unity has been visiting with friends in Jasper. Mrs. Gulley of Cedar Point has returned home after visiting with her daughter here, Mrs. C. L. Wallace. Rale and Rod Pake have purchased a new car for themselves.