

FARM CO-OPERATIVE DIVISION

A MESSAGE TO EVERY MEMBER.

Cold Storage of Foods.

In reply to a recent inquiry sent him, Professor E. H. Wiegand, of the Horticulture Products department of Oregon State college, sent the following information to Assistant County Agent Best in regard to the storage of meats, vegetables, and fruits in the new cold storage plant lockers.

Meats, vegetables, and fruits can be stored in locker rooms, where the temperature maintained is from zero, to not in excess of 10 degrees above zero.

Products such as fruits can be treated with sugar, three parts of fruit to one part sugar.

Vegetables can be blanched and packed in tight sealed jars and frozen.

Meats should preferably be frozen and then dipped in water after freezing, and this protects the material.

There is usually no danger of odors from this type of locker storage, unless excessive amounts of onions are stored.

The creamery will have on hand different sizes of paper cartons, which can be purchased at a very reasonable cost, to use instead of glass jars for storing fruits and vegetables.

Green Paint For Trees.

Orchardists and home owners frequently have need for a tree paint to protect wounds made from the breakage of cutting of branches.

One of the best treatments known to science was developed not long ago at the Oregon Experiment Station by Dr. S. M. Zeller, Plant Pathologist. So successful was the material that a commercial concern at Connecticut has prepared to put out a dressing made up by this formula except that a green color will be added to make it better for use on ornamental trees.

This tree paint is easily made by mixing raw linseed oil with commercially prepared dry bordeaux mixture. It is applied with a brush, and brushed out to a thin coat. Wounds are allowed to dry off for a week before the paint is applied, according to Experiment Station experts. This band has been known to remain on a tree wound and resist all sorts of weather for more than 7 years. It should be mixed to a consistency that will be handled readily by a paint brush.

LOANS BEING MADE FOR FALL SEEDING OF WHEAT.

The Farm Credit Administration, Emergency Crop Loan Section, at Salt Lake City, is now making loans upon summer fallow and for fall seeding of wheat, according to advice just received by the Umatilla County Agent.

Loans may be made for the purpose of summer fallowing, or for the combined purpose of summer fallowing and purchasing winter seed wheat. The maximum allowance per acre for fallowing will be \$1.00, and for the purchase of seed wheat not to exceed \$1.00 per acre. Loans made for the combined purpose of summer fallowing and the purchase of winter seed wheat may be advanced in installments.

The security shall be a first lien on all crops to be harvested on lands the summer fallowing of which is financed pursuant to the provisions of these regulations as amended. Applications for loans for summer fallowing, or for the combined purpose of summer fallowing and purchasing winter seed wheat, made under this amendatory regulation, must be received by the regional office not later than June 15, 1934.

The regulations relative to emergency crop loans during the year 1934, issued March 1, 1934, as amended, are not otherwise amended.

Where the loan is made for the combined purpose of summer fallowing and the purchase of winter seed wheat the advance for summer fallowing will be made now and the advance for the purchase of winter seed wheat at the time of seeding. Loan limits to one applicant have not been changed, and are in amounts not less than \$10.00 nor more than \$250.00. Persons wishing to borrow in excess of \$145.00 should make application to the local Production Credit Association before applying to the Emergency Crop Loan Section.

Persons wishing further information in connection with the Emergency Crop Loans should apply to the County Agent's office at Pendleton, and Hermiston, or through E. J. Davis, District Supervisor for the Emergency Crop Loan office in Freeewater.

CANNING SCHEDULE.

From June 4 to 9.

A. M., 8 to 11 — P. M., 1 to 3:30.

MON.—A. M., Peas, No. 2 1/2 cans, P. M., Asparagus, No. 2 1/2 cans.

TUES.—A. M., Peas, No. 2 cans; P. M., Asparagus, No. 2 cans.

WED.—A. M., Green, 8:00 to 9:00; Beets, 9:00 to 11:00, No. 2 1/2 cans; P. M., Asparagus, No. 2 1/2 cans.

THURS.—A. M., Peas, No. 2 1/2 cans; P. M., Meat.

FRI.—A. M., Peas, No. 2 cans; P. M., Asparagus, No. 2 cans.

SAT.—A. M., Asparagus, No. 2 1/2 cans.

LIMA BEAN PLANTINGS DAMAGED BY CORN SEED MAGGOT.

Assistant County Agent Garnet D. Best recently made a survey of the lima bean plantings made on the Hermiston and Stanfield Irrigation projects to determine what caused the seed to die. It was found that the corn seed maggot has ruined every planting in the Hermiston area, with the exception of the Hubbard planting, which was put in later in the spring.

The damage at Stanfield was not quite so complete, but most of the early planted fields there suffered severe maggot injury. In some of the plantings wire worms followed the maggot which finished the small planting which remained. Some of the fields planted later, however, have very little maggot injury, and give every indication of making a good crop of beans.

NEWS OF INTEREST FROM THE STANFIELD GRANGE

At the last Grange meeting Louis Moeble gave an interesting talk on "white top" which is spreading at an alarmingly rapid rate over the project and meadow area. Steps should be taken at once to eradicate it. Spraying is the only known method of control and this is very expensive, and is largely in the experimental stage.

The H. E. club ladies contributed several numbers including a group song, reading by Mrs. F. B. Stuart, Mrs. F. S. Green and Dorothy Shelton.

Mrs. J. M. Richards gave an interesting and instructive talk on the flax and linen industry in Oregon. The display consisted of towels and luncheon sets made from the Salem linen mills. The Oregon State Penitentiary linen plant is quite outstanding in that it has the largest scutching plant in the United States and is the largest single flax acreage unit in the world. A very fine grade of flax fiber is grown in the Willamette valley which compares favorably with that grown in Ireland, Belgium and Japan. Mrs. Richards paid tribute to Mrs. Lord, wife of the ninth governor of Oregon, who is known as the "mother of the linen industry" in Oregon.

At the next regular grange meeting June 2, a group of Tillamook Grange members will present a one-act play entitled "Bill's Rummage Sale." Other program features will include readings and several selections by the "Cub Wranglers."

"BLACK LEAF 40" KEEPS DOGS AWAY FROM SHRUBS & FLOWERS

There can be no doubt that the staining and even killing of evergreens through the dog nuisance is one of the most exasperating problems that we meet in our plantings around the home.

No one likes to harm dogs and yet it is difficult to train them to respect shrubs and flowers, and especially evergreens.

Through a discovery made by the United States Department of Agriculture, "Black Leaf 40" is now recognized as the easiest and simplest solution of the dog problem. The method is simple. Just put one and a half teaspoonfuls of "Black Leaf 40" in a gallon of water and spray the bush or tree. The dog from then on will ignore that part of your planting. If rains come and wash off the "Black Leaf 40," it will need to be renewed from time to time.

In spraying for insects with "Black Leaf 40," it is desirable to add soap to the mixture because this releases the nicotine and hits the bugs a harder lick, thus doing a more effective job. In spraying for the dog nuisance, you omit the soap because you want the nicotine to last as long as possible.

AAA SENDS ACCOUNT BOOKS; O. S. C. AIDS INTRODUCTION.

One of the valuable by-products of the programs of the Agricultural Adjustment administration has been the impetus given farm record keeping. The two million farmers who have signed contracts with the federal government to limit production or who have applied for government loans are now keenly aware of the value of having accurate accounts of past transactions.

To meet this new demand the AAA has made available free of cost a farm account book for every contract signer, these to be distributed through the various county production control associations.

To make sure that these books are not merely handed out and forgotten, G. W. Kuhlman, a member of the farm management staff at O.S.C. has been assigned by the extension service to work with county agents and the control associations for the period of distribution and introduction of these new record books.

"Account books are of vital importance to every farmer not only as an aid in filling out contracts and proving compliance, but also in providing a basis for individual farm analysis and future planning," says Mr. Kuhlman.

"Recent developments in individual states and also in federal circles point to an agriculture founded on a logical plan rather than on a haphazard procedure. Farm records, through providing the information as to yields of crops, income from individual enterprises and farm organization, should aid materially in the development of these plans."

Mr. Kuhlman points out that the books being distributed by the government are not complete account books, but that they will serve as a beginning by affording a basis for estimating the probable farm income and planning the family finances.

Before these were issued Kuhlman had completed a revision of the Oregon Extension service account book which is far more complete and which will be available at cost (25c) for those who desire to begin with a more inclusive set of records. Complete farm records include yearly inventories of all farm property, records of livestock and crop production, farm receipts, farm expenses, summary and analysis.

"An average of five minutes a day will keep such records up-to-date," says Mr. Kuhlman. "The inventories will require several additional hours at the beginning and the end of the year. A simple summary and analysis can be made in a few hours at the end of the year. Estimates of feed and labor for each enterprise will require part of an hour each month when such data are recorded."

As to when to start an account book, Kuhlman says January 1 is the best time, but that today is better than tomorrow or next January 1, as the important thing is to get started and benefit by the experience from now until the beginning of the new year.

Fame Reaches Other Countries.

CORVALLIS—From Cuba and Peru have recently come recognition of the work and writings of two of the agricultural staff members at O.S.C. The official organ of the Cuban tobacco planters association has reprinted a long article by George O. Gatlin, extension marketing economist, which described the cooperative marketing system and laws of this state. An agricultural engineer of the University of Lima in Peru recently obtained a copy of a book on irrigation and drainage by Dr. W. L. Powers, head of the soils department, and wrote to the college telling how valuable the book is even in that country.

O.S.C. Twins Make Equal Records.

CORVALLIS—Henry and Dwane Brands, identical twins of Portland, juniors in engineering at Oregon State college, have close to an identical record in college. Both were recently made members of Phi Kappa Phi, national honor society, and both were cited for honors at the end of the year, each with a scholarship record of 2.81 out of a possible 3.00. Both are members of the engineering school honor societies and both play on the varsity golf team. They look alike except that one parts his hair on the right and the other on the left. The trouble is to remember which does which.

Used Cars!

1930 Model A Ford

PANEL \$210.00

Model T's

2 — 1926 ROADSTERS AT \$50 each

1 — 1926 TUDOR SEDAN \$50.00

Chevrolet Coupe \$25.00

ROHRMAN Motor Co. HERMISTON, OREGON

WANT ADS

FOR SALE—TURNING LATHE, 8 feet long; 12 inch chuck. Cheap. Echo Auto Co., Echo, Ore. 40-3tc

SWIFT & CO.—BUYERS OF POULTRY and EGGS. A. M. Smith, Hermiston, Ore., Agent. 2711tc

STAATS & SON, ECHO, MAYTAG Sales Service and Parts, and second hand machine. — MODEL T Ford Truck with woodrack for sale cheap. 39-2tp

WITH FARMERS AROUND THE STATE

DALLAS—Various strains and grades of Grimm alfalfa are to be compared in an alfalfa nursery planted on the Miles Davis farm near Suver recently by County Agent J. R. Beck. Thirteen different lots of seed were planted, some of which were grown in Polk county, and the rest in various parts of Idaho, Montana and eastern Oregon.

EUGENE—Ceel Peerce of Springfield, who has completed brooding chicks for this year, is enthusiastic about the results obtained with the Oregon bottom heat electric brooder developed at the Oregon State college experiment station, reports County Agent O. S. Fletcher. This new type brooder, which can be constructed at home with little difficulty, has attracted a great deal of interest among poultrymen throughout the state.

Post Preserving Formula Told.

CORVALLIS—A mixture of corrosive sublimate, arsenic and common salt in equal parts will prolong the life of ordinary green fir posts, and their usefulness for such purposes as hop poles and fence posts. This information is based on the experience of several telephone companies in the Willamette valley, according to T. J. Starker, professor of forestry. To treat a post or pole, bore a 3/4 inch hole in it about six inches above the ground, slanting downward. Put a tablespoonful of the mixture in the hole and cork it up. One hole is enough for a four-inch post and two holes for an eight-inch post.

NOTICE OF HEARING UPON FINAL REPORT.

IN THE COUNTY COURT OF THE STATE OF OREGON FOR UMATILLA COUNTY.

In the Matter of the Estate of Henry E. Hitt, Deceased.

NOTICE IS HEREBY GIVEN that the undersigned executrix of the last will and testament of Henry E. Hitt, deceased, has filed her final report with the Clerk of the above entitled Court and that the Judge of said Court has designated Saturday, the 2d day of June, 1934, at 2:00 o'clock in the afternoon as the time, and the rooms of the above entitled Court in the County Court House in Pendleton, Umatilla County, Oregon, as the place when and where hearing is to be had thereon. All persons interested are hereby notified to then and there appear and show cause, if any they have, why said report should not be approved, the executrix discharged, her bondsmen exonerated and the estate closed.

Dated this 3d day of May, 1934. ALMA HITT, Executrix. (May 2-31)

POULTRY FACTS.

HIGH FEED PRICES CALL FOR CULLING

Choice of Layers Requires Early Attention.

Careful culling of poultry flocks is imperative to the lowering of production overhead in view of the increased price for feeds.

"It should be the aim of the poultry man not to have overcrowded houses at the beginning of the laying season," says Roy S. Dearstyne, head of the poultry department at North Carolina State college. He gives five requisites for bringing the pullets to a profitable condition this fall. These are:

1. Eliminate weaklings. In every flock of developing birds there is a per cent that cannot keep up with the majority. These should be marketed as early as possible to take advantage of broiler prices.

2. Cull the layers. Careful consideration should be given to the number of this year's birds to be carried over for breeders or layers for next year. Breeders during the molt season yield little or no income.

3. Scant feeding is expensive. The feeding of mash on the "dole" system is unwise and will show later in development.

4. Guard against parasites. The spending of a few dollars for worm tablets may be the saving of a great many birds later in the year. Worm all developing birds at about 14 weeks of age. Hens carried over for next year should also be wormed, and poultry men should be on the lookout for lice and mite infestation.

5. Plan autumn grazing. The careful poultry man will have a definite grazing program as green feeds are the cheapest source of certain necessary vitamins. The early autumn is the time for seeding rye grass, clover, rape and other crops which may materially cut feeding costs during the coming year.

Co-Op Egg Auction Does Satisfactory Business

Ohio's first and only co-operative egg auction, located at Wooster and serving poultrymen of 12 counties, sold to the highest bidders more than 20,000 cases of eggs in the first year of its operation. A case holds 30 dozen. Total sales for the year ending July 6 were \$122,769.

One of the chief benefits of the co-operative auction, says R. E. Treat, manager, is that it places a premium on eggs of the better qualities. Before the auction began there was a spread of one cent between top grade eggs and current receipt eggs on the Cleveland market. The spread later was about three and a half cents.

The auction does perhaps the only mail order egg business in the country. Business is solicited from buyers in New York, Pennsylvania, and New Jersey. Eastern buyers also attend the auctions, load their purchases into specially insulated and refrigerated trucks which reach the eastern markets the following day.

The auction is incorporated as the Wooster Co-operative Poultry association under state and federal co-operative marketing laws as a nonprofit co-operative. All eggs are graded under the supervision of the state-federal egg grading service.

Plan for Early Greens

To make sure that greens will be available to the chickens, old and young, plow the runs and seed them down with oats, rye, or wheat. Where a double yarding system is used, it is easier to have greens growing at all times, as one yard can be growing greens while the other is being used, but even without double yarding, greens can be supplied. While the grain is sprouting, the chickens should be kept off the runs, for the taller the growth when the chickens are turned into it, the longer it will last. Most poultrymen have found that a little sweet clover mixed into the oats or other grains makes the greens last longer. The rank growth of the sweet clover is also useful as shade in the hot summer.—Montreal Herald.

Crooked Breasts

The bones of young poultry are very soft until the birds are near full grown. The ridge on the breast, called "the keel bone," is not much thicker than cardboard, and up to several months of age is quite as flexible. In full-fledged and full-breasted young chickens the flesh on both sides of this bone protects it and keeps it straight. In lean and narrow-breasted chicks it is often badly twisted by the weight of the body resting on it while the bird is quite small.

Egg Means Egg

Egg noodles, according to standard adopted by the Department of Agriculture, must be just what their name implies and the eggs must be present in appreciable quantity. Under a standard adopted the noodles must have not more than 13 per cent moisture by weight and of the remaining 87 per cent at least 55 per cent must be whole eggs and egg yolks or just whole eggs. A few eggs added now and then won't satisfy the official regulations.

Boiler Research Interests Roads.

CORVALLIS—Investigation into the cause and possible elimination of scale deposits in steam boilers has been made by R. E. Summers, assistant professor of mechanical engineering at O. S. C., assisted by Dr. C. S. Keevil, head of the department of chemical engineering. A method was developed to treat the water of western Oregon which is particularly bad for causing silicon deposits, and it has been used successfully for the past year in the boilers of the college heating plant. Publication of Professor Summers' findings in an engineering magazine has brought inquiries from three major railroad systems as to the possible application of the discovery to similar problems they encounter.

NOTICE OF SHERIFF'S SALE UNDER EXECUTION.

NOTICE IS HEREBY GIVEN that by virtue of an execution issued out of the Circuit Court of the State of Oregon for Umatilla County to me directed and delivered on a judgment and decree and order of sale rendered in said Court on the 24th day of May, 1934, in favor of William F. Hannan, Jr., and Nellie B. Hannan, his wife, against R. Carlson and William Allen in the suit therein pending wherein the said William F. Hannan, Jr., and Nellie B. Hannan, his wife, are Plaintiffs, and R. Carlson and William Allen and Warren R. Allen are Defendants, for the sum of Three Thousand and No/100 dollars with interest thereon at the rate of 6 per cent per annum from October 1, 1932; the further sum of \$19.20 with interest thereon at the rate of 6 per cent per annum from May 14, 1934; the further sum of \$285.00 attorney's fees and the costs and disbursements of this suit taxed at \$24.35; which said decree and judgment and order

of sale has been duly docketed and enrolled in the office of the said Clerk of said Court and in and by which said judgment, decree and order of sale, it was directed that the hereinafter described real property in Umatilla County, Oregon, together with the tenements, hereditaments, appurtenances and all water rights belonging or in any way appurtenant and also all the estate, right and interest of said defendants in and to the same be sold by the sheriff of Umatilla County, Oregon, to satisfy said judgment and all costs.

Therefore, I will on the second day of July, 1934, at the hour of 2:00 o'clock of the said day at the front door of the County Court House in the City of Pendleton, Umatilla County, Oregon, sell all the right, title and interest which the said defendants, R. Carlson and William Allen or either of them had on the first day of October, 1930, or since then have acquired or now have in and to the following described premises situated in Umatilla County, State of Oregon, to-wit:

The west half of the north east quarter of section 27, township 5, North range 29, E.W.M., in Umatilla County, Oregon, containing 80 acres, together with all water rights pertaining or belonging thereto.

Together with the tenements, hereditaments thereto belonging or in any way appurtenant; and also all the right, estate, title and interest of said defendants in and to the same; said lands to be sold at public auction to the highest bidder for cash in hand, the proceeds of such sale to be applied in satisfaction of said execution of all costs.

Dated this 28th day of May, 1934. R. E. GOAD, Sheriff, Umatilla County, Oregon. By J. A. Carney, Deputy. (May 31 - June 28)

Business and Professional Cards

HERMISTON

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DR. A. E. MARBLE CHIROPRACTOR Office: Two doors west post office Office Hours: 8 to 12 - 1:30 to 6 Phone 481 — Hermiston, Ore.

A. W. CHRISTOPHERSON Physician and Surgeon. — Bank Building — Office Hours — 9-12 and 2-5

Hermiston Post No. 37 Meets first and third Thursday. Legion Auxiliary meets second and fourth Thursday. Legion Hall.

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