

# FARM CO-OPERATIVE DIVISION

A MESSAGE TO EVERY MEMBER.

## The Spittle Bug With Special Reference to Control on Strawberries

The Entomology Department at the Oregon Experiment station reports that right now is an opportune time to dust with lime for the control of the Spittle Bug on the strawberry. The bugs are out.

Use of Hydrated Lime: Seventy-five per cent control of the spittle bug on strawberries can be expected from an application of 100 pounds per acre of hydrated lime to the infested plants. The lime should be put on with a dusting machine that will force the dust through the plants and back from beneath. Bulk application of lime with a spoon or by hand will not get the results. Power dusters or hand power dusters may be used. Use the lime early following the appearance of the spittle bug.

2 Per cent Nicotine Dust: Nicotine dust for the control of spittle bug is more nearly 100 per cent effective but the cost is much higher than is the case when lime is used. Hydrated lime may cost \$1.50 per acre or less, while the nicotine dust may cost as much as \$6.00 per acre.

About 100 pounds of nicotine dust is required per acre and this dust must properly be dusted on to the plants by a hand duster or power duster for the best results. Carelessly throwing this dust on the plants will mostly result in disappointment and loss.

Preparation of Nicotine Dust: For a 2 per cent nicotine dust use 2 1/2 pounds of nicotine sulphate or black leaf 40 to 47 1/2 pounds of hydrated lime. Place in tight keg or drum with 1/2 pound of egg-sized rocks for each pound of dust to be mixed, and rotate barrel or other container for 10 minutes. Sift out rocks and use immediately or put in tight container for future use.

## Turkey Shipment.

Breeding stock of the Eastern Oregon Turkey Growers membership is to be pooled Monday, May 8, at the turkey grower's warehouse.

The pool has been purchased by Oregon Savanir of Portland at 14-17 cents for top; 12 cents for choice; 10 cents for common; and 11 cents for old toms.

Be sure the birds are shut up and starved the day before they are killed. They should, however, have plenty of water to drink, to flush their digestive tract. This is necessary to prevent green crops, which will cause the birds to grade down.

The turkeys should be killed the day before they are received and hung in a dark, cool place, to avoid flies.

Receiving will begin at 6:00 P. M. and continue until all birds are received. Night receiving is being resorted to at this time of year to prevent difficulty which would arise in the day time if hot weather prevails.

## NEW LEAFLET EXPLAINS ART OF HOOKING RUGS.

CORVALLIS—To answer inquiries concerning that age-old home craft of rug making, a special leaflet called "Hooked Rug Suggestions," has been prepared jointly by Mrs. Azalea Sager, extension specialist in clothing, textiles and related arts, and Miss Mildred Chamberlain, associate professor of clothing, textiles and related arts at Oregon State college. These specialists in applied arts believe that hooked rugs furnish opportunity for creative work in design and color, also, that such rugs, if carefully made, add to the atmosphere and charm of many rooms. Incidentally, it is pointed out, this home craft furnishes a means of utilizing old clothing and scraps of material which otherwise are useless.

The leaflet offers practical information on the shape, color and materials to be used in hooked rugs, and discusses the hook, foundation material, and finishing operation. A series of original designs by Miss Chamberlain, with suggestions for various arrangements of these basic units and detailed instructions for enlarging them, are included. Copies of the leaflet may be obtained from the home economics office of the extension service, Corvallis. Ask for HE 465, "Hooked Rug Suggestions."

## Annual R.O.T.C. Inspection Held.

Annual inspection of all units of the Reserve Officers Training Corps at Oregon State college was conducted April 28 by Col. Jerome G. Pilow, cavalry, R. O. T. C. officer for the ninth corps area.

## PASTURES.

By A. D. SMITH.

It is cheaper to start pastures in February or early March than now, for the reason that you do not have to irrigate to start the plant. At this time of the year it is necessary to keep the ground well moistened at the surface for some time to start the grasses and some kinds of legumes. Some legumes send down a tap root in a short time, and it is not so necessary to hold moisture at the surface so long a time for them. It is not possible to put most kinds of small seeds deep enough to insure moisture for them in dry weather. Some kinds can be covered two inches, but some other kinds should be covered only half inch or less. In heavy land they should be put in very shallow. Where seed is broadcast, the best covering implement that I have found is a tree with large limbs partly cut off to weaken them so the brush will rest on the ground.

Last winter some of the orchard grass, Ladino clover, and all the white dutch clover were winter killed on my place. Seemingly, all the strawberry clover was also killed, but there is a volunteer crop of the strawberry, white dutch, sweet, and alsike clover this spring.

It is not necessary to loosen the ground deep for seeding. A rather firm seed bed is best. If there is not a sod or too much trash, the disc and spring tooth harrow are all that is needed. If the ground is very soft, it is best to pack it with a roller, or in some other way.

If seeds are broadcast with a machine, it is necessary to sow the light and heavy seed separately. If sown together, the heavy ones will probably be thrown twice as far as the light ones. Separate into about three lots for weight, and sow each lot separately. It takes about three months for some of the grasses to get root enough so that stock will not pull up the plants.

It is best to sow about a dozen kinds of legumes and grasses together. No kind is at its best all season, and all kinds are not at the best at the same time. If possible all stock should be kept off while the ground is wet. If your acreage and number of stock are such that you can divide your pasture into several lots and rotate, you will get far more feed, and you can irrigate the different lots when there is no stock on the land. Land gets extremely hard, if walked on by stock when wet. If you want to pasture alfalfa, the best way to do it is to let it make a good growth, then put on enough stock to eat it down in a short time. Handled in this way, it seems to last as well as when cut for hay. If it is kept eaten down all the time, it will not last long.

When grasses and legumes are mixed in the pasture, I have never had bloat occur even when plants were extremely wet. I found that horses kept on pasture from one, to one and a half hours in the morning, and the same time in the evening, kept fat when doing moderate work. All animals eat more than they need when they are on the pasture continuously. I have tried this method with cattle. It is possible that they might bloat, if kept up all night and turned on a wet pasture. Your pasture will carry far more stock, if you can handle it in this way. I notice newspaper statements of certain persons carrying a large number of stock per acre, but I learned that at least a part of those who have pastures with a large carrying capacity follow the above method. I have never seen a pasture that will carry the large number of stock claimed by some when stock is kept continuously on it. The conclusion I reach is that those who report such a large carrying capacity follow the above method.

I have not found any other grass that will equal rye grass when you want pasture in a hurry. It gives a heavy pasture the first season, but it does not seem to last very long with me. Even some plants of the English or perennial rye grass last only one year with me. For a large amount of feed over many years, I have found nothing to equal reed canary grass. Some that was sown in Coos county in 1885 is yet furnishing feed. It will not stand much alkali, but it will grow when covered with water some time. It does not do well on dry land. I have some at my place seven miles southwest of Hermiston, that has not yet had any stock on it this spring. If you want to compare its early growth with other grasses, you can do so by coming at an early date. Its growth now is far ahead of anything else I have. I will probably have stock on it before long, after

you read this. I am keeping stock off this field to give volunteer plants of various legumes time to establish themselves. Meadow fescue is one of the best yielders on moist land.

For un-irrigated land or your driest irrigated land use crested wheat grass, smooth brome grass, orchard grass, Ladak alfalfa and sweet clover; for wet land use reed canary grass, meadow fescue, English rye grass (also known as perennial rye grass), alsike clover, sweet clover, and strawberry clover; for alkali land use strawberry clover and sweet clover. The strawberry clover will grow in alkali water, but the sweet clover will only stand a limited amount of alkali. So far as I know no grass is a success on alkali land. Lemon's alkali grass is not of much economic value, and Zawadki's alkali grass seems extremely hard to start. I do not know very much about it otherwise. Ladino clover needs a large amount of moisture, as it is a shallow-rooted plant. The same is true of the white dutch clover. Both will sometimes winter kill, but this does not occur often. Ladino has not proved the great success with me that is claimed by some. It seemingly has not stood pasturing as well as some others. Winter rye can be sown now for annual pasture. It will not produce grain sown at this time, but it will give pasture all season, if not pastured too closely. Sudan grass and cane make good pasture for hogs as well as other animals. Rye will grow in cooler weather than most any other plant. Stock will sometimes bloat on cane.

Most all are acquainted with Ken tucky blue grass. It is good feed, but it does not furnish as much feed as some other pasture plants. Canadian blue grass will grow on harder, drier land than the Kentucky blue grass. You can get the rate of seeding each of the legumes and grasses from government bulletins or seed catalogs. The seed catalogs sometimes give two or three times as much as should be sown of vetch and grains. For instance they may say 50 pounds of vetch mixed with 80 pounds of grain. Forty pounds of winter vetch or 40 pounds of winter grain is plenty here when sown alone, and half this amount of each when mixed. Grain does not tiller (stool) some places, and I presume this accounts for the difference. If you are mixing ten varieties of grasses in sowing, take one-tenth the acre amount of each and mix together for one acre.

## CHEVALIER IN BEST PICTURE, BELIEF HERE

(From the Oregonian)

Now and then there comes to the screen a photoplay so happily conceived, so charmingly played and so deftly directed and filmed that it leaves the spectator mentally refreshed and spiritually buoyed up. Such a photoplay is "Love Me Tonight," which will open at the Oasis theatre May 5.

"Love Me Tonight" gives Chevalier the greatest opportunity of his career and brings out his best work. Jeanette MacDonald also appears to the best advantage as the film makes living capital of her patrician beauty, her vivid dramatic prowess, her charming voice and her delightful flair for comedy. Without exception, the supporting cast is excellent, particularly Charles Ruggles and Charles Butterworth, Myrna Loy and C. Aubrey Smith.

The musical background is almost continuous, always bright and full of life, matching the rhythm and movement of the play ingeniously and interestingly. Standing out from this tapestry of music are half a dozen catchy new songs, which justified the remark of one member of the preview audience, "Well, we've just heard the next three months' radio programs."

Also a comedy "Plumber and the Lady," and school days.

## 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 Thomas Walter Botkin, deceased. NOTICE IS HEREBY GIVEN that the undersigned executrix of the last will and testament of Thomas Walter Botkin, 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 3rd day of June, 1933, 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 and the estate closed.

Dated this 4th day of May, 1933. MARTHA V. BOTKIN, Executrix.

## 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 Fannie Cotton Todd, deceased. NOTICE IS HEREBY GIVEN that

the undersigned administrator of the estate of Fannie Cotton Todd, deceased, has filed his final report with the clerk of the above entitled court, and that the judge of said court has designated Saturday, the 3rd day of June, 1933, 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 administrator discharged, his bondsman exonerated and the estate closed.

Dated this 4th day of May, 1933. ROBERT C. TODD, Administrator.

## OSU Elects New Student Officers.

Student affairs at Oregon State college passed into the hands of a new group of leaders with the installation of the officers who came out on top at the annual spring election. Those now holding the reins of student body government are Fred Saling, Corvallis, president; Dorothy Ann Silder, Portland, secretary; Kermit Linstedt, McKenzie Bridge, first vice-president; Virginia Cooper, Portland, second vice-president; Robert Rushing, Oakland Cal., third vice-president.

The principal editorial positions, which are appointive, are now filled by Warren Reid, Corvallis, editor Daily Barometer; Ralph Coleman, Eugene, editor of the Beaver; and Phil Brainard, Grants Pass, editor of the Student Directory. Newly elected class presidents are Albert Head, Portland, sophomores; Milton Campbell, Portland, juniors; and Everett Davis, Corvallis, seniors.

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## Stanfield Grange News.

The Stanfield Grange is giving a dance Friday night May 5. We are making a great effort to pay for our hall so come, help us a little and have a good time with the rest of us.

The H. E. club members have a surprise number for grange Saturday evening, May 6. If you do not attend grange you cannot hope to keep up with it many activities.

## CLARK GABLE SUPPORTED BY CAPABLE CAST

Clark Gable, in his first solo starring vehicle, dominates "No Man of Her Own," screen feature of the new program that comes to the Oasis May 7-8. The Paramount company, which borrowed him from his home lot, Metro-Goldwyn-Mayer, for this picture, has provided him with an unusually capable and well-chosen supporting cast.

Gable, as the story opens, is a successful card shark, using Dorothy Mackall as the lure to attract wealthy men to his poker game, where he trims them with stacked decks, being assisted at his work by Grant Mitchell and Paul Ellis. Clark is tired of Dorothy and tells her so, whereat she becomes angry and threatens to tell the district attorney, but doesn't.

Gable goes to a small town, meets Carole Lombard, lightly wins her interest with his fascinating personality and, on the flip of a coin, marries her. Back in his New York apartment, she discovers that he is a cheat and tells him so. Thereupon Gable goes to J. Farrell MacDonald, a detective who has been trying to get evidence against him, and agrees to square himself with the law by taking a three months' sentence. On his release from prison he finds Carole waiting.

We offer another of those mirth-provoking comedies with W. C. Fields in "The Pharmacist." Also a news reel.

## WANT ADS

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### MISCELLANEOUS

FOR SALE — WHITE LEGHORN Cockerells, \$6.00 per hundred. J. H. Reid, Phone 40-W-3. 34-11c

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HIGHER CASH PRICES PAID FOR all kinds of livestock. Write J. G. Foster, The Dalles, Ore., Box 815. —Apr. 1-1fp

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(May 4-25)

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