

AGRICULTURE AND LIVESTOCK NEWS

Up-to-date Information to Help Develop Progressive Farming

Great Meetings At O. A. C.

A. F. Gray of Milwaukie will read a paper on the suckerless fibert at the state horticulturists and nut growers associations at O. A. C., November 23-25. Oregon horticulture in orchard fruits, small fruits, nuts and vegetables will be brought out at its best at the convention.

Special sessions will be held Thursday forenoon and all day Friday, with a big joint session on handling the orchard and garden soils, Thursday afternoon.

Pruning will be the opening subject, with the joint session on soils in the afternoon. A rally will be held in the evening with N. R. Moore, mayor of Corvallis, B. W. Johnson, president of the State Horticultural Society, Fred Groner, president of the nut growers, and James T. Jardine, director of the experiment station, speakers.

Thinning for better crops will be the subject of the fruit men, Friday morning, and pest control will feature the program in the afternoon. A banquet with a discussion of desirable horticultural legislation by Earl Percy of the Oregon Co-operative Growers' Association, will be held Friday night.

Various phases of the handling, transportation and marketing situation will be considered at the closing session, Saturday forenoon. All talks by growers and college men will be followed by round table discussions.

Among the successful growers and scientists already listed are the following:

W. F. Gwin, vice-president of the North American Fruit Exchange, who will speak on transportation and marketing of fresh fruits.

M. J. Newhouse, assistant general manager of the Oregon Co-operative Growers, formerly manager of the Clark County Prune Growers' Association, will discuss the prune outlook in Oregon and the northwest.

E. A. Clark, president of the Kings Food Products Company, will discuss the dehydrated and canned fruit and vegetable outlook.

H. P. Bars, station plant pathologist, will discuss disease control.

Sam H. Brown, grower of a 35-acre evergreen blackberry patch, will discuss his method of raising, handling and marketing.

A. L. Lovett, station entomologist, will discuss insect control.

L. S. Otis, pioneer black raspberry grower, will give his methods with growing and handling.

Vegetable Quality Wanted

Those who sell vegetables to the public, as for example, the retail grocer, find there is a distinct preference among the buying public for certain varieties, but above all, for quality of produce, which has the best flavor, correct size, color, shape and solidity. A good product, well grown is often times half sold.

Soil Survey Reports in Press.

Soil survey reports for Washington, Multnomah and Josephine counties have gone to press and should be available by January 1. A study of the soil map and experiment station data concerning the plant food content of the

different soil types and the requirement of crops with the actual results from the field trials with the different methods of soil improvement, will be of great value. A careful study of these points with a thorough consideration of the discussion of general principles and the description of individual soil types will furnish the most necessary and useful information for the practical improvement and permanent preservation of the productivity of every soil on every farm in these counties.

Fumigate For Weevils

Dried beans and peas intended for storage need fumigation to prevent weevil injury. Infestation by weevils is so general that the treatment is always advisable. Use carbon bisulphide, two tablespoonfuls to five gallons of seed, or at the rate of one pound to 25 bushels. Place the seed in fairly air-tight containers and pour the liquid over the surface, or place the liquid in shallow trays on top of the seed to be treated. Close the container and allow the fumes to act for 24 hours. The treatment does not injure the material for seed or for food purposes.

Farm Reminders

It is illegal to sell cider that has not been preserved or sterilized. Cider may be preserved by using one-tenth of one per cent of benzoate of soda. This method is not always successful in preventing the formation of alcohol. The safest way is to use only good sound apples for cider making. Thoroughly strain the product, place in glass or tin containers and sterilize for 30 minutes at a temperature of 160 degrees F.

Hannchen barley, the best spring variety, gained much in acreage in 1922 and most producers were well pleased with its yield and quality. Hannchen first showed promise in Oregon in 1909, when it was successful at the experiment station.

Plenty of grit should be provided for the pullets in the laying quarters. Fowls not provided with grit soon show a loss of appetite and begin to lose weight. Proper use cannot be made of the feed without grit to grind it.

The most progressive potato growers, who expect to certify or to have good seed, are sorting carefully before the potatoes go into storage. This takes less storage space and removes the potatoes likely to start spoiling in the pit.

No farmer should try to test out copper carbonate dust for wheat smut control, unless he has rigged up an efficient dusting machine such as a closed drum, fitted with projecting cleats on the inside, which will pick up the grain and powder as the drum is rotated, letting it fall back again—thus insuring a perfect coating. Such a machine should be revolved for two minutes, which will be sufficient to coat every kernel thoroughly. The standard proportion is two ounces of high grade copper carbonate powder to a bushel of wheat.

TO DESTROY CANADA THISTLE

First Step in Eradication Is to Prevent Seed Development—Disk in Early Fall.

The Canada thistle, also known as the cursed thistle, is one of the worst weed pests. It spreads by its root systems as well as by seed. Its eradication entails a large amount of work.

The first step in eradication, say university farm men, is to prevent seed development. After the grain has been cut the infested land should be plowed deep enough to bring the roots of the thistle to the surface. Disking the surface cultivation in the early fall will prevent the growth of



Canada Thistle.

the plants, while plowing later in the fall will expose the roots to the action of frosts.

If the plant persists after all this punishment, as it probably will, a three-year rotation of grain, clover and corn or some other cultivated crop will furnish the knockout blow. Reinforcement can be prevented by a repetition of the rotation.

Filling The Silo

By F. L. Ballard.

Silo filling time is at hand. Preliminary arrangements include getting the silo and silage cutter in proper condition. All bolts in silage cutters should be tightened and the knives sharpened. In the case of a stave silo the hoops should be adjusted, as doubtless they have become loosened during the summer season. If the silo is of concrete and the inside is rough it may be well to paint or paraffin.

One of the most important factors in silage production lies in the proper stage of cutting the crop. Immature crops contain a high percentage of sugar and make silage of poor quality. Crops standing in the field until they are brown and dry require the addition of much water to replace the natural plant juices. Silage from such crops does not pack well. The best time for cutting corn is when the ears are well dried and are beginning to glaze. Sunflowers should be at least 60 to 70 per cent in blossom. Oats and peas should be cut when the oats

are in stiff dough stage and when the peapods first begin to turn yellow. It is important that the silage cutter cut in uniform lengths, or poor silage will result. Farmers purchasing a silage cutter should consider the possibility of using it for chopping hay also, as this practice is found profitable when hay is high in price. The crop should be cut into pieces of uniform lengths, three-fourths of an inch or less. It is much better to cut silage too fine than to have it too coarse. On the average one-half inch is a most satisfactory cut. If the silage will exclude moisture freely when a double handful is squeezed tightly it is sufficiently moist. If the water runs out in a stream there is too much moisture and a few loads of oat or wheat hay should be run in. In case more moisture is needed, water should be added. If a hose is not available it is best to set a barrel high enough so that water may run from it to the blower.

One of the most important points in silage making is proper packing. Continual tramping must be given the silage as it comes from the blower. Otherwise air centers the food mass and spoilage results. With large cutters it is often necessary for three to six men to be actively tramping in the silo. The middle of the silage mass should be kept lower than the edges and most of the tramping done on the edges.

It is best not to feed silage for two or three weeks after filling, as it requires about this time for proper fermentation.

RECIPES

Contributions to this column are invited

Meat Balls With Tomato Sauce

One pound hamburger sauce and one-half pound pork sausage, one onion minced fine. Put some bacon or other fryings into a pan and cook the onion to a light brown, mix with meat and make into flat balls and roll in flour and fry. After they are done add a can of canned tomatoes or cut up ripe fresh ones and put over and cook an hour all together.

Potato Cake

Two cups sugar, one cup butter, one cup mashed potato, two cups flour, four eggs, 1/2 cup sweet milk 1/2 cup melted chocolate, one teaspoonful cinnamon; cloves, nutmeg, vanilla to taste; 1/2 cup walnuts, two teaspoons baking powder. This cake is excellent baked in a loaf or layers and put together with a filling as follows: One cup sugar, five tablespoons sweet milk, one egg, vanilla, chocolate to taste. Put all together and cook till it thickens, then stir till ready to spread.

Carrot Pudding

One cup grated carrots, one cup grated potatoes, one cup flour, one cup sugar, one cup raisins one-half cup butter, one level teaspoon each of allspice, cloves, nutmeg, cinnamon and salt. Mix all together well, except the flour, put one teaspoon of soda into the flour and sift it into the other ingredients, boil in a double boiler for three hours.

MANY USERS OF TELESCOPE

Dealers Report Practically a Steady Demand for Glasses in All Months of the Year.

"We sell telescopes all the year round, but the demand for them is greater in summer than in other seasons," said the salesman in a New York optician's shop. "Perhaps that is because it is easier to remain outdoors and study the stars on a summer night than it is when the weather is colder."

"Also, in summer people buy telescopes for other purposes than to study the stars. Folks on the seashore get them to look at passing vessels, at the clouds and other things. We sell some also to those who live in the mountains and use the telescope for lookout purposes. But of course, the greater number of telescopes, especially the high-power glasses, are bought for the study of the heavens."

"Annually we sell an average of 200 telescopes for amateur use. They range in size from the hand glass, with 1-inch lens, to the glass that is supported on a tripod and has a lens 3 to 3 1/2 inches in diameter. Larger lenses than the 3 1/2 inch size are seldom bought by amateurs. They are for professional use."

NOTICE OF FINAL SETTLEMENT

Notice is hereby given that the undersigned has filed her final report in the estate of Joseph Haas, deceased, and the Court has set Monday, the 18th day of December, 1922, at the hour of 10:30 a. m. o'clock on said day, in the County Court Room in the County Court House in Oregon City, Oregon, as the time and place for hearing any and all objections to said final report, and the discharge of said executrix.

Dated, 16th Nov., 1922.
MARY HAAS,
Executrix of the last will and testament of Joseph Haas, deceased.
G. B. Dimick & W. L. Mulvey,
Attorneys for Executrix. (11-16-24)

ADMINISTRATOR'S SALE

Notice is hereby given that in pursuance of an order of the County Court of the State of Oregon for Clackamas County, made and entered on the 26th day of September, 1921 and entered and recorded on page 466 of Volume 9 of the Probate Journal of said court in the matter of the Estate of Alice M. Starkweather, Deceased, the administrator of said estate will, on the 18th day of December, 1922, offer for sale at private sale at the residence of H. G. Starkweather, the undersigned, on the River Road near Oak Grove, Clackamas County, Oregon, the following described tract of land:

A part of the J. S. Risley D. L. C. in Township 2 South, Range 1 East of the Williamette Meridian in Clackamas County, Oregon, bounded as follows: Beginning at a point marked by an

iron pipe which is the western corner of a tract of land sold to Marshall N. Dana, his wife was as recorded on Page 620, Book 167 of Deed Records for Clackamas County, Oregon, and running thence North 89 deg., 20 min. west 23.37 ft. to a point marked by an iron pipe, thence North 61 deg., 50' East 357.4 ft. to land belonging to John F. Risley, thence South 8 deg., 52' East tracing the boundary line between the lands of John F. Risley and the estate of Alice M. Starkweather, a distance of 21.19 ft. to the aforementioned land owned by Marshall N. Dana and Nora V. Dana, thence South 61 deg., 50' West tracing the Northern boundary of said Dana land, a distance of 338.3 ft. to the place of beginning.

Together with all the right, title and interest which the said decedent had therein at the time of her death. Said sale of said tract will be for cash. Dated at Oregon City, Oregon, 9th November, 1922.

H. G. STARKWEATHER,
Administrator of the Estate of Alice M. Starkweather, Deceased.
J. J. FITZGERALD, Attorney,
421 Mohawk Building,
Portland, Oregon. 11-16-22.

SUMMONS

In the Circuit Court of the State of Oregon, for the County of Clackamas.

CHARLES R. JOHNSON, Plaintiff,
vs.
EUGENE DUPUIS, sometimes called Eugene Dupuis, FERDINAND ZIMMERMAN, GEORGE SHIPLEY, MATHEAS WOLF, S. W. WHITE and THOMAS GRANT, Defendants.

To Eugene Dupuis, Ferdinand Zimmerman, George Shipley, Matheas Wolf, S. W. White and Thomas Grant, the above named defendants:

In the Name of the State of Oregon:

You are hereby required to appear and answer the complaint filed against you in the above entitled suit within six weeks after the date of the first publication of this summons, to-wit: On or before Thursday, December 21, 1922, and upon your failure to answer the complaint or otherwise plead in this suit, within the said time, the plaintiff will apply to the court for the relief demanded in said complaint, to-wit for a decree that plaintiff is the owner of the following described real property:

Lot 14, Block 30; Lots 6 and 7,

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Block 10, and Lot 13, Block 32, situated in the Oregon Iron & Steel Company's First Addition to Oswego, in the County of Clackamas and State of Oregon.

And that by said decree it be declared and adjudged that plaintiff is the owner of said premises, and is entitled to the possession thereof, and that you, the defendants above named, have no estate nor interest whatever in or to said land or premises, or any part thereof, and that you and each of you defendants above named be forever debarred from asserting any claim whatever in and to said land and premises adverse to the plaintiff, or to his assigns, and for such other and further relief as to equity shall seem meet and proper; and for plaintiff's costs and disbursements in this suit.

This summons is published by order of Hon. J. U. Campbell, Judge of the Circuit Court of the State of Oregon, for the County of Clackamas, made this 26th day of October, 1922. Date of the first publication is Thursday, November 9, 1922. Date of last publication is Thursday, December 21, 1922.

W. S. UREN,
Attorney for Plaintiff,
Oregonian Building,
Portland, Oregon.

(11-9-7)

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At this price we are showing dainty linen Laces in Cluny patterns in white and ecru. Also imitation crochet Laces in popular patterns and dainty French and Zion Val Edges, Insertions, Edges and Beadings in round and double meshes.