

AGRICULTURE AND LIVESTOCK NEWS

Up-to-date Information to Help Develop Progressive Farming

FRUIT, VEGETABLE AND NUT MEN MEET

Six big attractions await the joint meeting of the Oregon State Horticultural Society and Western Nut Growers' Association at the state college, Corvallis, November 23-25. These are the fruit, nut, vegetable and berry growers' conventions, the "Horticulturists-Home" conference, and the college Hort. show, a classic in horticultural exhibits.

The society starts off Thursday morning with the general subject, pruning, as follows: Apple tree pruning, Cleve Curran, Benton county; Prune tree pruning, A. E. Reuter, Washington; Small fruit pruning and training, S. B. Hall, Multnomah; Pear tree pruning, Edw. Carlton, Jackson; Pruning discussion led by Claude C. Oate, Jackson.

The nut growers will, at the same time, deal with walnuts as follows: Harvesting and drying walnuts, Charles Trunk, Yamhill county; Walnut varieties, R. E. Shinn, Marion; Record and yield of seedling walnut orchards, A. L. Page, Marion.

A joint session of fruit, nut, vegetable and berry growers, on soils, will be held Thursday afternoon, as follows:

Handling soils in prune and cherry orchards, R. W. Hogg, Polk county; Handling soils in a walnut orchard, Ferd Groner, Washington; Handling soils in a raspberry field, H. G. Andrews, Multnomah; Handling soils in a pear and apple orchard, Harry Rosenburg, Jackson; Soil discussion, led by Clayton L. Long, O. A. C.

The Hort. show will be formally opened Thursday evening by W. S. Brown, chief of station horticulture; N. R. Moore, Corvallis mayor, will give the welcome address. B. W. Johnson, president of the horticultural society, and Ferd Groner, president of the nut association, will respond. James T. Jardine, director of the experiment station, will discuss the part the station is playing in the horticulture of Oregon. Music and an address on the Port of Portland as an outlet for Oregon fruit, by W. B. D. Dodson, president of the port commission, are other items.

Friday will be a busy day with separate sessions of the tree fruit, small fruit, vegetable and nut growers, and the horticulturists-home group.

The orchard program on thinning starts with apple thinning, by J. P.

Slover, Umatilla county, and Robert Forbis, Washington county. Other numbers are prune thinning, Robert Shinn, Marion county; pear thinning, Claude C. Oate, Jackson; thinning discussion, led by Henry Hartman, O. A. C.

Drying and pest control lead, Friday afternoon: Dryers up-to-date, L. H. Weigand, station specialist; pest control in an apple and pear orchard, A. C. Reed, Hood River county; pest control discussion, led by A. L. Lovett and H. P. Barse, O. A. C.

The nut growers will deal with filberts, Friday morning: Planting walnuts and filberts, Knight Pearey, Marion county; filbert yields, Percy Giese, Multnomah; suckerless filbert, A. M. Gray, Clackamas.

Friday afternoon has "Intercropping of Filberts for Two Years," W. H. Clark, Lane county, and "Filbert Pollination," C. E. Schuster, of the station. The vegetable men will be presided over by R. W. Gill of Portland, with the following program, Friday morning:

Western grown broccoli seed—value and how grown, C. H. Bailey, Douglas county; discussions, led by C. W. Bruce and Dave Long, Clackamas; an efficient program of insect control for vegetable growers, A. L. Lovett, O. A. C.; growing and marketing premium winning celery, H. C. McGinnis, Multnomah.

The afternoon program has: Use and value of irrigation in vegetable production, E. B. Chase, Lane county; discussion, led by growers from Wasco county; growing quality vegetables and improved methods of marketing, A. G. B. Bouquet, O. A. C.

HONEY IS ABOUT LIMIT OF GOODNESS IN SWEETS

"How often in our mad scramble to improve on nature's products we have been compelled to admit, in the end, that we have sacrificed one point to gain another, and made little progress," says H. A. Scullien, bee specialist at O. A. C. "In few cases is this more true than it is in our effort to find a substitute for nature's own sweet—honey."

In addition to having a greater sweetening power than granulated sugar, it contains the much needed minerals which are all but removed entirely from the sugar as it is refined, according to the bee man. It is far superior to corn syrup or molasses,

since the former is lacking both in sweetening power and minerals, while the latter contains too much lime, added during the refining process, to be wholesome.

"As an additional benefit," Mr. Scullien declares, "honey is the only commercial sweet now known to contain vitamins, those important food elements we have been reading so much about lately. On top of all this there is that flavor and aroma—nature's own breath—in every spoonful."

Slugs Are In Celery

Slugs are very common in celery bunches, being especially harmful after the blanching boards have been placed up alongside of the plants. They get into the heart of the celery and render it unusable by eating the outside edges of the stalks. Many of these pests may be killed by spreading a thin layer of poisoned bait, made by sprinkling 1 pound of old lettuce, finely chopped, with 1 ounce of calcium arsenate (arsenate of lime), on the ground along the celery rows.

Farm Removers

Celery, if being blanched at this time of year, should not be allowed to stand between the boards long after it is fit for use. After the chlorophyll of the stalk has been changed to a yellow or white, depending on the variety color, the quality, brittleness and flavor begins to be lost. Three weeks is usually the length of time required to blanch the stalks, although this time may be shorter or longer depending on the weather.

Barnyard manure, particularly horse manure, heats up rapidly, with a loss of the valuable plant food element nitrogen, in the form of ammonia. This loss can be prevented almost entirely by scattering a handful of land plaster or superphosphate in the gutter behind each animal, each day. Superphosphate in addition to preventing the loss of ammonia will re-enforce the manure with phosphorus in which it is low. Many of our soils are in need of available phosphorus.

Bees

The queen bee mates with the drone or male bee on the wing. Her matings are not under the control of the beekeeper except as he makes it possible to have a supply of good drones and limits the supply of poor ones. The

time, apparently. Continued success in honey production is not an accident. It is a combination of good bees, good bee-keeping, good equipment and good location.

Eliminate European foulbrood and cross bees by replacing all inferior queens with good Italian queens. It will be one of the biggest steps toward success.

SURPRISE CONTESTS ARE VERY EFFECTIVE

Remarkably Good Results Shown in Western Cities.

Milk Dealer Dislikes to Be Surprised With Dirty Product on His Wagon, Especially When Results Are Published.

(Prepared by the United States Department of Agriculture.)

Surprise milk contests—contests in which the milk sold by various dealers in a city is compared by taking samples occasionally without warning—have been very effective in improving the milk supply of many cities. Contests of this kind carried out with the assistance of the United States Department of Agriculture have shown remarkable results in a number of western cities. The bacterial counts and the total milk scores for the cities were made up from the results of tests of samples from each of the delivery systems.

In Long Beach, Calif., the average bacterial count in the first contest was 118,238; in the last contest it was down to 11,823. In the first the average score of the milk sold there was 71.58, and in the last it was up to 90.67. The milk sold in Riverside, Calif., improved in bacterial count from 101,500 to 8,522, and rose in score from 82.93 to 93.03. Los Angeles dealers, as a result of these surprise contests, made great improvement in the quality of the milk supply, bringing down the count from 54,169 to 12,690 and raising the score from 80.60 to 91.65. The figures of Portland, Ore., changed from 148,490 to 13,970, and from 78.19 to 92.52. The number of bacteria in a cubic centimeter of Seattle milk was brought from 64,124 down to 31,297, and the score was lifted from 80.50 to 88.24.

A milk dealer does not like to be surprised with dirty milk on his wagons, especially when the results of the tests are to be published in the local papers. When his score goes up he finds the number of his customers going up; when the bacterial count increases he finds an increase in the number of customers.

SUMMONS.

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

TAMA KATO, Plaintiff, vs. MASUTARO KATO, Defendant.

In the Name of the State of Oregon, Greetings:

You, Masutaro Kato, are hereby required to appear and answer the complaint filed against you herein on or before Saturday, the 23rd day of December, 1920, that being six weeks from the first publication of the summons herein, and if you fail to appear and answer plaintiff will apply to the Court for the relief demanded in her complaint, to which reference is hereby made, and which is made a part hereof, to-wit: For a decree dissolving the marriage contract heretofore and now existing between the parties hereto and for an order granting plaintiff the right to assume and resume the use of her maiden name, Tama Kato, and for such other and further relief as to the Court may seem equity.

This summons will be served upon you by publication thereof for not less than six successive weeks in the "Banner-Courier," a newspaper of general circulation, published in the City of Oregon City, County of Clackamas, State of Oregon, the place where said suit is now pending, all by order of the Hon. J. U. Campbell, presiding judge of the above entitled Court, which said order is dated the 4th day of November, 1920.

The date of the first publication is the 9th day of November, 1920, and the date of the last publication is the 21st day of December, 1920.

W. H. FOWLER, Attorney for Plaintiff, 601 Panama Bldg., Portland Oregon.

(11-9-70)

PROFIT BY THIS

Don't Waste Another Day. When you are worried by backache; by lameness and urinary disorders—don't experiment with an untried medicine.

Follow Oregon City people's example. Use Doan's Kidney Pills. Here's Oregon City testimony. Verify it if you wish:

Mrs. Emma Wilkinson, 1207 Main St., says: "I used Doan's Kidney Pills for back and kidney trouble and received great relief. Doan's are an excellent kidney remedy and I am glad to endorse them for the lasting relief they gave me." (Statement given April 4, 1913.)

On April 20, 1920, Mrs. Wilkinson

The Time to Buy

Is when others are not buying—when money is rather close and prices are low.

When spring opens there is always a buyers' rush, and prices always follow demand.

If you want a city home, a farm or any property, look them over now and save money. Come in and see what I have.

Insurance that Insures

Seven strong companies, fire, accident, burglary, forgery, causality, auto.

E. E. TEEPLE
719 1/2 Main, Oregon Or.

said: "I gladly confirm all I said in favor of Doan's Kidney Pills. I know they are as good as represented." Price 60c, at all dealers. Don't simply ask for a kidney remedy—get Doan's Kidney Pills—the same that Mrs. Wilkinson had. Foster-Milburn Co., Mfrs., Buffalo, N. Y.

INHALING IMPURE AIR

Average Man Breathes Eighteen Cubic Feet of Air Per Hour

22,400,000,000 particles of suspended matter are inhaled in every 24 hours by the average Londoner, says the Gas Age-Record.

On account of the coal strike and consequent lessened use of coal the air was so much purer that many English cities were "almost unrecognizable."

"Our greatest hope for a pure atmosphere" lies in the Gas company's efforts to "extend the use" of gas.

In addition, therefore, to the selfish satisfaction in omitting chores and dirt, there is the patriotic, unselfish duty of not befouling the air which one's neighbors breathe. The Gasco furnace is indeed a blessing, and inexpensive to run, at that.—Adv.

THE FIX 'UM SHOP

We Fix Anything
Bicycles, Guns, Umbrellas, repaired; Saws filed; Lawn Mowers, Scissors, Knives, sharpened. All kinds of soldering done. Keys made and fitted.
HOWARD & KANNEY, Prop.
109 Seventh St. Oregon City

MASON

HEAVY DUTY COR

	Oversize	
80x3 1/2		\$13.75
82x4		24.50
83x4		24.75
84x4		25.35

New Standard Size

30x3 1/2	11.30
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Also 30 x 3 1/2 and 31 x 4 straight sides.

Goodrich motorcycle and bicycle tires.

North-West Tire Co.

Warren & Blodgett, Prop.
407 Main St. Oregon City



Cook With Electricity

Countless thousands of American housewives would never have enjoyed real efficiency, economy, convenience and cleanliness in their kitchens had they not obeyed the national slogan—cook by wire.

Portland Railway, Light & Power Co.



Firestone

MILEAGE

In Gum Dipped Cord Construction

The Firestone Truck Type Cord has the famous Firestone gum-dipped feature—which we want to explain to you personally.

By double-dipping the cord fabric in a rubber solution each single cord is surrounded with pure gum. This prevents friction and gives a stronger carcass capable of delivering far greater mileage.

It is constructed with a broad, flat tread in an effective non-skid pattern. The increased road contact obtained gives your trucks a firmer footing anywhere. And the tough tread stock built up at the sides and reaching from bead to bead protects against rut, curb or car-track wear.

Ask about some of the mileage records Firestone Truck Type Cords are making around here. Come in and look the tire over with us. Get our advice about equipping your trucks. You will be convinced that here is a tire whose mileage superiority is clearly proven.

Most Miles per Dollar

A. L. BEATIE

11th and Main St.

Phone 1011

Oregon City

Service Dealers for

Firestone TRUCK TIRES

Store Now Opens at 9 A. M. Saturdays

The Most in Value

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Phone: Pacific Marshall 5080

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Store Closes Daily at 5:30 P. M. Saturdays at 6 P. M.

THE BEST IN QUALITY THE MOST IN VALUE—

"THE STORE THAT UNDERSELLS BECAUSE IT SELLS FOR CASH"

A Most Attractive Display of THE NEW LACES

At Prices Surprisingly Moderate

Lower than the same quality Laces will cost under the new tariff. Therefore, this is the opportune time to buy. Here you'll find an unsurpassed collection of dainty and beautiful imported and domestic Laces in styles, widths and patterns especially adapted for the making and trimming of the new season's garments and for holiday sewing.

These Assortments on Special Display

Ecru Linen Laces at 25c and 35c Yard
Handsome Cluny patterns in widths especially desirable for trimming centerpieces, scarfs, etc.

Imitation Crochet Laces at 15c a Yard
Wonderful values in both bands and edges in heavy and light weight meshes and patterns.

Imitation Russian Filet Laces 25c to 59c a Yard
New arrivals in these popular laces in 9 to 18 inch widths for spreads, scarfs, curtains, etc.

Val, Imitation Crochet and Linen Laces at 5c a Yard
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.