

DRIVE TO RECLAIM BAD LAND PLANNED

State's Wet Areas to Be Drained and Put to Work.

COUNTY AGENTS CONFER

Experiment Station, College Extension Service and County Organizations to Co-operate.

"Drain Oregon's wet lands, clean them up and put them to work producing useful crops as a profit, is the programme of agricultural improvement outlined by the conference of county agents held at the agricultural college October 21-22.

The campaign provides for co-operation by the most experienced station, college extension service, county agents and such state, county and city organizations as are willing to join in the work of increasing the agricultural wealth of the state. A great deal of reliance will be placed on the co-operation of county and state newspapers and the farm press in arousing state-wide interest in reclamation work and carrying news of the activities incident to the programme.

Reclamation Held Important. Many of the delegates to the conference declared the problem of taming these wild lands and getting them to work to land reclamation is facing agriculture, and all consider it a major factor in necessary development.

Transformation of waste lands into productive acreage is essential to the appearance of Oregon scenic attractiveness as to its increased production, leaders of the movement declared. The effect of wide stretches of idle lands on tourists and prospective home builders was said to be most depressing.

"Although it will take many years to work out the programme, it is hoped that enough will have been accomplished by the time the 1925 exposition opens, if it is held as contemplated, to improve materially the value and appearance of much Oregon farm lands," said Paul V. Maris, director of the extension service. "It has been demonstrated that a great deal of the water-logged lands are susceptible to reclamation by drainage and soil management, and can be brought into profitable production."

Six Types of Wet Land. Not more than six types of wet lands have been uncovered by the soil survey work, which is now six-tenths complete, and chemical analyses of these types have been worked out by the station department of agricultural chemistry. These analyses, together with field trials on these lands carried by the soil department, serve as a guide as to the practicability of most wet lands of the valley.

In the projected campaign the supply department of the station will supply data on the reclaimable areas of the state by counties, give sources and costs of ditching on these lands and on costs of reclamation for completed districts and on results of drainage, supply county agents with drainage maps and literature, strengthen the state drainage association.

FIRMS INSTALL EXHIBITS

STOCK SHOW BOOTHS ARE DESIGNED ARTISTICALLY.

More Than 100 Establishments
Buy Space for Advertising Products November 5-12.

More than 100 selling and manufacturing firms of the city and organizations from outside points have purchased exhibit space for advertising displays in the new two-acre exhibit annex for the Pacific International Livestock exposition, November 5-12, according to Fred S. West, in charge of this department. Many other firms are planning to take booths, he states, and by the end of next week, it is expected the entire two-acre area, exclusive of aisles, will have been definitely disposed of and checked off the official blue-print chart at 211 North-western Bank building.

The mammoth exhibits annex," said O. M. Plummer, manager of the Pacific International, "will be one of the most interesting features of the show. In addition to the diversified Oregon land products show and the two big government exhibits of dairy products and animal husbandry, occupying 4000 square feet of space, the new annex will have from 150 to 200 booths representative of the many varied industries and merchandising establishments of Portland and the northwest. Much ingenuity is being used in working out attractive and artistic designs for booths. The exposition management has placed the installation of these displays in charge of Pierre Truett, scenic artist, designer and electrician, whose services are at the disposal of the merchants and manufacturers."

FIG CONTEST IS ARRANGED

Competition for Club Members to Be at Pacific International.

The first pig feeding contest for Oregon pig club members will be held at the Pacific International Livestock Exposition in Portland, according to E. J. Allen, assistant state club leader. Prizes amounting to \$400 have been offered by the Portland Union Stockyards company for the boys and girls who exhibit their stock. Five prizes of \$40, \$35, \$30, \$25 and \$15 will be offered in each of the three districts in which the state has been divided. Any pig club member may feed and enter four pigs from the same litter. Exhibits will be judged on individuality from the prime market standpoint, greatest average rate of gain in weight, lowest cost of gain in weight, and completeness of carcass and record, including the story of the project.

Lane Soil Survey Urged.

EUGENE, Or., Oct. 23.—(Special).—A soil survey of Lane county is being urged by grangers and other farm organizations, and petitions for the survey have been signed and will be sent to the Oregon Agricultural college. The Irving grange at a meeting Friday night adopted resolutions asking the survey. The Eugene chamber of commerce is co-operating in the movement. Eugene Chadwick, secretary of the chamber, addressed the Irving grange on the subject.

BEAUTIFUL \$1000 LOVING CUP TO BE GIVEN AS TROPHY AT PACIFIC INTERNATIONAL.



VIEW SHOWS MISS DORRIS-ANN BARNES, 6-MONTHS-OLD GRAND-DAUGHTER OF O. M. PLUMMER SEATED IN THE BOWL.

\$1000 CUP IS OFFERED

HUGE TROPHY TO BE AWARDED AT LIVESTOCK SHOW.

"Breeder's Young Herd" of Holstein Cattle to Get Gift of Carnation Stock Farm.

Most imposing of the many beautiful and valuable cups and trophies to be awarded next month at the Pacific International livestock exposition will be the "Matador Segis Walker" solid silver loving cup standing 28 inches high, measuring 22 inches in diameter and costing \$1000.

The trophy has been donated to the Pacific International by E. A. Stuart of the Carnation stock farm of Seattle to be awarded for "breeder's young herd" of Holstein cattle each year until such time as it shall have been won three times by the same breeder. In presenting the cup to the Pacific International, Mr. Stuart stated that the Carnation stock farm, donor of the cup, would not compete for it. On one side of the trophy is the inscription and on the opposite side is etched the picture of Matador Segis Walker, famous senior herd sire of the Carnation stock farm, Holstein herd.

The \$1000 trophy is shown in the picture with little Miss Dorris-Ann Barnes, six-months-old granddaughter of O. M. Plummer, general manager of the Pacific International, seated in the gold-lined bowl. Mr. Plummer expressly specifies to prevent any misunderstanding, that in making the award the little girl does not go with the cup.

BOYS AND GIRLS GET AID

Animal Husbandry Clubs to Be Formed in School District.

EUGENE, Or., Oct. 23.—(Special).—Several boys' and girls' club, pig, sheep and poultry clubs are being organized at once in the school districts surrounding Junction City, in the northern part of Lane county, according to Ira F. Whitney, county agent, who, with J. G. Swan, county club leader, held a conference with prominent business men and farmers of that section at Junction City a few nights ago.

FILBERT HELD BEST CROP

WILLAMETTE VALLEY CONDITIONS DECLARED RIGHT.

George A. Dorris Gives Address at Weekly Luncheon of Eugene Chamber of Commerce.

EUGENE, Or., Oct. 23.—(Special).—It is the belief of George A. Dorris, after 18 years of experimentation and development, that the filbert is the best crop that can be grown in the Willamette valley, he told the members of the Eugene chamber of commerce at the chamber's weekly luncheon.

Mr. Dorris' first filberts were put out 18 years ago, and of this first planting only 25 trees were Barcoisians, which he has found to be the most profitable variety. In fact, he says it is the only variety to plant with a few exceptions to be used as pollinizers. Just as Waterhouse cherries are planted in an orchard of Royal Annes. These 25 trees produced this year at the rate of 2600 pounds of nuts to the acre—or a net profit at this year's prices of a little better than \$600 to the acre. At last year's prices, the net profit per acre would have exceeded \$1000.

His 14-year-old trees, of which he has a larger planting, yielded at the rate of 3500 pounds to the acre and his eight-year-old trees at the rate of 2000 pounds an acre. The trees come into profitable commercial bearing, he said, at five or six years of age, and continue to increase their production after that time until they attain their maximum size. There

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CARS NEEDED FOR FRUIT

SERVICE COMMISSION ASKS RAILWAY CO-OPERATION.

Officials of Pacific Northwest Lines Requested to Supply Proper Transportation.

SALEM, Or., Oct. 23.—(Special).—Officials of all railroads operating in the Pacific northwest have been asked to use their best efforts in getting increased car service to take care of the fruit shipments, in a letter prepared today by the Oregon public service commission and sent to officials of the various transportation lines.

"Reports from the fruit producing districts of Oregon complain of a steadily tightening car situation," said the letter of the public service commission in part. "This particularly applies to refrigerator cars for ventilation and refrigerating."

"The harvest is heavy, the pack is of high quality and is packing out to a high grade. The grading, packing and delivery to warehouses of this season's crop will extend throughout November and with a large percentage of available storage already occupied a great hardship may result to sections having only limited facilities, unless every precautionary measure is taken by the carriers to anticipate and meet equipment requirements."

"From both eastern and western districts reports state that shippers are experiencing difficulty in getting the necessary equipment."

BERRY PRUNING ADVISED

ADVICE IS AID TO GROWERS OF RASPBERRIES.

First Step Is to Take Out Canes That Bore Last Year, Says College Professor.

Full instructions for the pruning of raspberries are contained in a communication received from C. E. Schuster, assistant professor of pomology at the agricultural college. The instructions, which were prepared in response to a query from G. F. Hunter.

"The first step in pruning will be to take out the canes that bore last year, if this has not already been done, although it is a better practice to cut out the bearing canes as soon as the bearing season is over."

"The next step is to thin out the canes that will bear the fruit the coming year to five to eight canes a hill. The best success in growing raspberries has been found in confining the growth to the hill and thinning the canes from five to eight canes to a hill."

"Other pruning that this is not necessary from this point on. It has been the practice among some growers to head back the growth to a height of four feet. Experiments have demonstrated the fact that heavier yields are obtained by leaving the canes the full height. The better bearing surface of the cane is in the middle portion, and by heading the canes to bear to the top, the best part of the bearing surface is removed, thus reducing the crop."

CORN NEAR RIDGEFIELD PAYS

Grower From Three Acres Takes Crop Worth \$150.

RIDGEFIELD, Wash., Oct. 23.—(Special).—Corn, as well as prunes and potatoes, can be successfully grown in the Ridgefield district. The growth is not only successful but profitable as well.

From about three acres of corn of Stowell's evergreen variety, Walter A. Stevenson realized about \$150. The corn was of choice quality and was grown on his farm just east of this place near the ranch of Mayor Hall.

Umpqua Sells Apples.

ROSEBURG, Or., Oct. 23.—(Special).—W. R. Scott of the Puyallup & Summit Fruit Growing company, in the Umpqua valley purchasing ten carloads of apples to be shipped to the Albany cannery, which is operated by that company. Mr. Scott is well pleased with the canning outlook and stated that the demand for apples this year exceeded that of any former season. As the local cannery has been unable to absorb all the surplus apples, Mr. Scott

TRAVELERS' GUIDE.

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"Visit the Laundry" Week
October 24 to 29
Throughout the United States, beginning today and continuing for six days, thousands of laundries will hold "open house" to everybody in observance of "Visit-the-Laundry" Week, a nation-wide movement.
Portland's laundries, appreciating the importance of this event, and that no verbal recommendation or written word can equal in value what you see with your own eyes,
Invites You
to visit Portland's modern laundries this week. Guides will be in attendance in each laundry to show and explain the different scientific processes, all of which will be decidedly interesting.
Incidentally, it might be stated that the laundry industry holds seventh place in the industries of the United States in capital invested and number of employes.
Portland's laundry industry represents an investment in excess of \$1,000,000, employing over 1500 people.

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is having little difficulty in arranging for the desired shipments.
SWEET SIXTEEN OPENING SET
Women's Apparel Shop to Be Ready for Business Saturday.

The Portland store of the Sweet Sixteen company will open in the newly remodeled Dolph building on Broadway between Morrison and Alder streets Saturday, according to announcement yesterday of Leo Harpny, secretary-treasurer of the company. Like the stores of the company in various other large cities of the United States, women's wearing apparel will be handled.

The first shipment of merchandise arrived in Portland yesterday. Beginning this morning a large force of employes will start unpacking and pressing the goods and making everything in readiness for the formal opening.
For several weeks the company has had two crews of workmen busy night and day in an effort to complete the extensive remodeling necessary before the new firm took occupancy.
The remodeling has been under the supervision of C. C. Cawsey, local contractor.

Agriculturists Hold Conference.

CHEHALIS, Wash., Oct. 23.—(Special).

Southwest Washington county agriculturists held an interesting conference at Chehalis in the Citizens' club rooms yesterday. R. G. Fowler, Lewis county agent, arranged the local features. Counties represented were Mason, Thurston, Grays Harbor, Cowlitz, Pacific and Lewis. Dr. S. B. Nelson of the extension department of the state college and Miss Maud Wilson of the same institution were in attendance. The work done by the various agents in connection with their efforts and the various activities of the county agents was considered fully.

A machine designed to accompany music with harmonious lighting effects, has been invented by an eastern artist.

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