

Cooperative Marketing Is Discussed in Address of Grange Master Spence

HOPE OF FARMER IS COOPERATION, GRANGERS TOLD

The Oregon state grange has had a successful convention at Eugene the past week. Many matters of interest came before the grangers at this meeting and the delegates left feeling that much good had been accomplished.

Many matters of importance were covered in the address of C. E. Spence, master of the State grange. In speaking of the present condition of agriculture and how deflation had effected it, he brought out the point that federal reserve funds could be obtained to finance the growing of crops, but would not allow the farmers to hold the crops, although allowing others to borrow money with which to buy the same crops and hold them for speculative purposes.

Cooperative marketing was the keynote of Spence's address, among other things he stated "The farmer must learn to market his produce through his own cooperative organization." He said, "I believe the farmers of this state and nation are awake to the necessity of such a system and will take advantage of the opportunity to join with their neighbors in such organizations as the Oregon Growers, Poultry Producers, Dairymen's league, Wool Growers and Grain Growers. But we must not expect any cooperative movement that encroaches upon the profits of the speculators to have easy traveling. Those benefitted by the present system have made millions by it and will spend millions to defeat any system that would deprive them of those benefits.

"All kinds of schemes will be promoted to create discontent in the minds of co-operators. Those on the outside may be paid more for a time than the market will justify in order to disrupt the organization. There will be times that will try men's souls, their patience and their pocketbooks. There will be slanders and traitors as there always are in farmers' movements. There will be costly mistakes made in management for all men are human, but I have confidence that the farmers of America will win out along these lines just as they have done in other countries.

THREE POSSIBILITIES SEEN
"If cooperative effort fails, if the combined interests against them are too strong and succeed in defeating the cooperative effort, there will be, in my judgment, three possibilities facing the farmer of America.
"First—peonage or peasantry of the middle ages.
"Second—political action, and state ownership and operation of the system of distribution.
"Third—revolution.

"I do not believe that the American farmer will ever stand to be reduced to peasantry, although there is a movement on foot under direction of the federal department of agriculture to colonize European peasants on farms in this country. There is no legitimate demand for such action as there is no shortage of farm products in this country. As stated before, our farm products are going to waste for want of a market. There is no justification in this colonization scheme and it will only serve to put American farmers in direct competition with cheap foreign labor, and reduce our standard of living to the level with that of the peasantry. It looks as though this colonization scheme was promoted to head off the present cooperative movements among American farmers."

New Tractor Device Plows Soft Ground

The tractor business has grown tremendously in Oregon, according to O. V. Badley of the Cleveland Tractor company, and the tractor method of farming has been demonstrated to be the up to date way. Badley cites the problems offered here by the Columbia diked lands where the ground is so soft that no tractor will work without special attachments. A new attachment for the Cletrac adds 400 square inches to the traction surface and the machine will plow on soft land in several inches of water. This new device is being manufactured in Portland.

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SOME PARK-VIEW PULLETS



A few of the Tankard strain of White Leghorns pullets on poultry farm of C. E. Day, route 2, box 478. Day has 1400 young birds and 300 breeders, all of which have been trap nested and are proved layers, producing between 200 and 302 eggs per year. One hen, designated as number 26, laid 58 eggs in that many consecutive days during February, March and the first part of April. Day has recently erected a new poultry house and will soon have a modern plant on his four acre farm.

NUMEROUS CHERRY STRAWBERRY MEN TREES ARE DYING FACING TROUBLES

Numerous cherry trees in many parts of Portland are dying. Walter H. Gerke, city arboriculturist of the bureau of parks, has investigated the situation and finds that the damage is due to the peach tree bark beetle and low state of vitality of the tree, resulting from the big freeze of over a year ago. Vigorous, healthy trees will not succumb to the attacks of the insect, according to Gerke, but those trees which suffered from the cold are very liable to be partly or entirely destroyed. Owners will notice small round holes about the size of a pencil point in the twigs and limbs of the trees. The larvae of the beetle are deposited here.

The insect winters in the tree as an adult beetle, a little less than one-tenth of an inch in length. The beetles leave their winter quarters early in the spring and migrate to brush, other trees and other suitable wood. Eggs hatch within 17 to 20 days. The young larvae then burrow 1 1/2 to 3 inches into the wood, which borings are the holes to be seen now. All stages of the insect growth may be seen on the trees at one time. Gerke advocates the following control: First eliminate unhealthy wood—the breeding places. Sometimes unhealthy trees may be restored to vigor by heavy cutting back and then a treatment of cultivation with generous dressings of manure and fertilizer. A thin coat of whitewash will prevent the laying of more eggs, to a large measure, but will not kill the insects already in the trees. In the fall, cover the main branches as well as the trunk of the tree.

Woman Finds 2000 Chickens Profitable

Parkplace, June 4.—Mr. and Mrs. L. Blau, who live on the paved road near Parkplace, have built up a profitable chicken raising business, having about 2000 White Leghorns of the Tankard strain. Mrs. Blau has taken entire care of the chickens for three years. Her houses are equipped with every convenience, and for heating the rooms, brooders and incubators and for lighting. Watering troughs are self feeding and the feeding troughs are handy. She has more than 400 hens. Blau raises hogs, but asserts his wife's business has been the more profitable in the last year.

Livestock advertising in Oregon Country Life pays. Write for livestock rates.—Adv.

STOCKMEN DISCUSS INDUSTRY PROBLEM

The Oregon Horse and Cattle Raisers' association held its annual meeting at Canyon City this year, which was attended by a large number of livestock men from all over the state. The start at Canyon City was made out of Baker, on the Sumpter Valley railroad, with Conductor Dave Baird of the narrow gauge road in charge.

At Batesville, where the largest of the several mills owned by the Oregon Lumber company is located, the boarding house cooks of the company served dinner. The hands of cattle are fed by automobiles and the remainder of the trip to Canyon City made over the John Day highway, a stop being made first at John Day. The travelers were lined with pennants, each pennant carrying the brand of some cattle man in the state and made by the women of John Day. Arches of welcome covered with green were erected along the street, which together with the pennants made the decoration of the town.

INDUSTRY'S TRIALS DISCUSSED
Among the principal speakers during the convention were: Walter M. Pierce of La Grande; George C. McMullen, commission man for the Kansas City stockmen; Bruce Daniels of the La Grande Evening Observer, and William Pollman, who has been chief executive of the association since its organization. The opening address was given by Pollman, who discussed the trials of the industry as they affect the address given by Pierce. He, too, lauded the stockmen, and discussed the present situation in an interesting manner.

During the business session of the association a resolution favoring a tariff on livestock products was adopted. Engraves was chosen as the meeting place for next year's session of the Oregon Cattle and Horse Raisers' association. Election of officers for the coming year proved to be an endorsement of the old administration and although William Pollman insisted that some other man be named as president, his remarks were ruled out of order and Walter Pierce's motion that unanimous choice of Pollman be made for the coming year carried with enthusiasm.

PROSPERITY IN PROSPECT
Pollman lauded the association members for sticking together, and urged upon all the importance now, of all times, of maintaining the same spirit of cooperation. Stockmen were characterized as the gamest and squarest men on earth, who do not whine and growl when adversity hits them, by McMullen, representing the Kansas City stockmen. "Stockmen are, as a rule, optimistic," he declared. "For the last year and a half they have had a big kick coming, but they have taken their medicine with the least kicking of any class of business men that I know of."

In the Sebastopol cherry district the Cherry Growers' association found its cherries ripening and no market for the berries. The big canners of the state refused to be interested in the crop. As a result, the association was obliged to give its attention to finding a fresh fruit market. At a meeting of the association, according to advice, a San Francisco house agreed to handle the crop, paying growers 3/4 cents a pound on delivery, with final settlement to be made on a basis of price received for the fruit.

Richard G. Scott Resigns
Gladstone, June 4.—Richard G. Scott, former agricultural agent of Clackamas county, has resigned his place with the Oregon Dairymen's Cooperative league, to give his attention to his farming interests in Washington county, where he moved from Gladstone about two months ago.

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POULTRY NOTES

The 3208 hens in the demonstration farm flocks reporting for April laid a total of 171,988 eggs, with an average production of 20.95 eggs per hen. The 10 highest record flocks for April had a total of 3998 hens, which laid a total of 88,419 eggs, with an average production per hen of 22.12 eggs. The highest individual flock record for April was made by 310 S. C. White Leghorns owned by Clarence Williams of Linn county. The flock laid a total of 12,001 eggs with an average of 23.53 eggs per hen.

Diseases of poultry have spread through the country this last year with great rapidity and have caused enormous loss to poultrymen, according to Dr. J. N. Shaw of the veterinary medicine department of O. A. C. Among the most prevalent diseases are chicken-pox, tuberculosis and white diarrhea. According to Dr. Shaw, some of these troubles are easily remedied if a little perseverance is used.

Feeding the farm flock the right kind of food is important if it is to be a paying proposition. If hens do not get sufficient or proper food they can not be expected to give satisfactory and profitable results. A complicated ration is not necessary. The aim should be, as far as possible, to feed the hens grains that are grown on the farm or that are available in the immediate neighborhood.

behind the feed lot and the hotel dining room" was discussed by Dennis, which was followed by a general discussion from members of the association. "Can cattle growers of Oregon improve their condition by marketing cooperatively?" was the topic of the address given by Pierce. He, too, lauded the stockmen, and discussed the present situation in an interesting manner.

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PROSPECTS FOR PRUNE CROP GOOD

Prospects for a prune crop have materially improved during the last week, according to reports received by the Oregon Growers' Cooperative association. In many districts where reports of two weeks ago indicated total failure, closer inspection of prune orchards promise a 25 per cent crop.

In river bottom districts many orchards promise good crops. In other districts hardly 50 per cent is the average. Again in some hill districts, where blossoming was late, there will be a fair yield.

Taken as a whole, prospects are for about 50 per cent of a prune crop in Western Oregon. The great pear district of Medford and Grants Pass has prospects of about three fourths of the heavy crop of last season. In the Umpqua valley the prospects are about 75 per cent, the pear crop promises about the same as last season.

OREGON APPLE CROP BIG Apples: In Oregon the apple crop will be twice as heavy as that of one year ago. In the Umpqua valley there will be the heaviest yield in years. The Willamette valley promises an apple crop of twice the size of one year ago, with better quality and larger fruit.

The state board of Washington has issued the following, comparing the crop in that state of last year with estimates for this year: Comparisons of the 1921 and the 1920 crop show estimates as follows: Apples, increase, 8400 cars; pears, increase, 140 cars; peaches, increase, 530 cars; prunes (fresh), 600 cars; prunes (dried), decrease, 6,000,000 pounds; cherries, in-

Powdered Arsenate Powerful in Fight On Codling Moth

Nicotine sulphate is not as efficient in the control of the codling moth as powdered arsenate of lead, it has been shown in experiments conducted by entomologists of the United States department of agriculture. For several years nicotine and its compounds have been used against certain soft-bodied insects as contact insecticides, and within the past few years the question has been raised concerning the effects of nicotine sulphate upon the eggs and early instars of other insects, which are commonly controlled by other means.

To obtain reliable information on this subject the department entomologists conducted a series of experiments both in the laboratory and field, a report of which has just been published in department bulletin 938.

In the laboratory tests it was found that nicotine sulphate, with one exception, was inefficient against the eggs of the silkworm moth, codling moth, tussock moth, and potato beetle. The eggs sprayed with it were variously affected.

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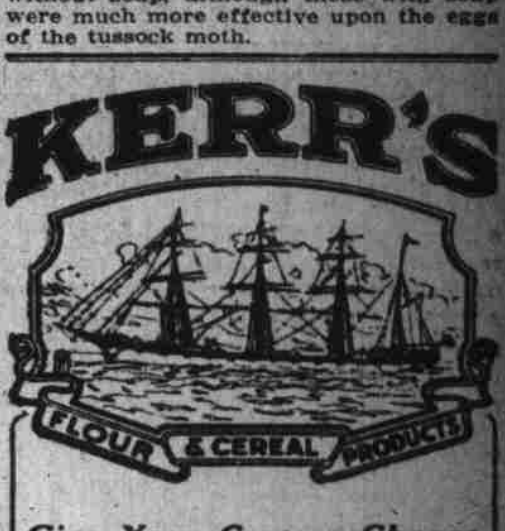
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depending upon the strength of spray solution used, on the age of the moth tested, and whether or not the solution contained soap. Upon the eggs of three of the species of insects used there was virtually no difference in the effects between solutions containing soap and those without soap, although those with soap were much more effective upon the eggs of the tussock moth.



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