

## CROPS, STOCKS AND MARKETING AIDED BY AGRICULTURAL AGENTS

One of the important services rendered during the year by the county agricultural agents of Oregon has been in connection with marketing farm products. \$136,000 worth of business has been done through organized marketing activity stimulated by county agents.

Of great importance are those organizations typified by the Deschutes Valley Potato Growers' Association established under the direction of the County Agent in Crook County. The growers of that region pooled their product, graded and standardized it with the result that four cars were disposed of in Sacramento at the top market price the first season. The buyers offered to contract last year's entire output at the top market price again. The significance of the project becomes apparent when we consider that the market was entirely out of reach of the growers individually and that only through the association could they solve their marketing problems. This association is now starting its third successful season with 81 members.

The most important live stock improvement work is represented by the promotion of cow testing associations, breeders' associations, bull associations, disease control and silo construction. The stimulus given the work of this character by the agricultural agents is illustrated by the fact that ten of the fifteen cow testing associations in Oregon are in the fifteen county agent counties.

Silos bear a direct relation to the live stock industry and 94 were constructed last year in county agent counties. The encouragement of this economic method of food storage was made a special project in Yamhill County, with the result that 54 silos were built and not to exceed 60 had been built in all previous years. As a means of stimulating an interest Agricultural Agent Shrook conducted a silo demonstration tour in which 44 automobile loads of farmers or over 200 people all told saw 16 silos including 8 different makes and heard no less than 20 silo owners relate their experiences and give information as to cost etc. Such educational events as that do not take place without the presence of a county agent in the county.

Cows and corn make the coin, is the slogan adopted in Coos County since J. L. Smith, County Agricultural Agent, came on the job three years ago. Furthermore, the result already apparent is expressed as follows: More Corn, More Silos, More Silos, More Cows, More Cows, More Cash.

Coos County dairymen are growing more corn and building more silos each year. There are now nearly 250 silos in the county, most of them having been built since Mr. Smith started work.

In addition to the silage and silo work Mr. Smith has given a large amount of time to cow testing associations with the result that four or five are maintained yearly with a total of about 3,000 cows on test.

Ten thousand two hundred acres of land have been included in drainage districts organized with the assistance and in most instances at the instigation of the county agents.

Over 400 field demonstrations were conducted under the supervision of the fourteen county agricultural agents in Oregon during 1916. A large number of them were designed to show the value of improved strains of hardy varieties of grains and grasses. One hundred lime demonstrations are included in the number. Hill selection and seed treatment of potatoes and the value of field peas in Eastern Oregon farming are other important demonstrations.

An idea of the field demonstrations with crop varieties, carried on in Eastern Oregon counties, is shown by the work in Klamath County, where 45 farmers worked under the direction of County Agent Glalayer.

These demonstrations consisted of different varieties of field peas, alfalfa, grasses, wheat, oats, barley, varieties of field peas were grown under both dry and irrigated land conditions. On dry land, the Bangalla proved the heaviest yielder this season, its yield being estimated at fourteen bushels of seed per acre. The Carleton proved the superior for hay purposes. The peas were grown in double drilled rows, thirty-five inches apart, so that they might be better cultivated. When irrigated, the peas under all conditions were seeded in rows seven inches apart with a common drill.

In the wheat demonstrations, the early Baart variety showed the best average spring wheat yields and the farmers are anxious to obtain seed of this variety in order to have a large acreage this year. Demonstrations with Turkey Red, Blue Stem and the Marquis grades were also made. In the dry land demonstrations of oats, the sixty-day grade proved its superiority as the yield of this grade eclipsed the yield of the common oats by ten bushels. This better grade of oats will be grown extensively during the coming sea-

son. In irrigated conditions, the demonstrations showed the Shadeland Climax variety to be the best suited for Klamath County.

Another typical demonstration is that reported by Mr. Howard in Malheur County, under whose direction \$40.00 worth of pork per acre was produced on field peas grown in an orchard that had previously been clean tilled. Hundreds of acres of orchard land in the county are susceptible to the same practice although such remarkable results could not be expected as a rule.

Mr. Cate's demonstrations to the Rogue River orchardists in the significance of fire blight on tree roots as a source of twig infection and the alfalfa variety demonstrations of several agents, are other examples. All told, 1,762 acres of corn, 2,950 acres of wheat, 3,000 acres of oats, 883 acres of potatoes, 590 acres of field peas have been included in demonstrations of variety, cultural practice or seed treatment with material in yield above the average in the majority of cases.

## RESERVE OFFICERS ARE WANTED BY WAR DEPT

Business and Industrial Officials, As Well As Trained Soldiers, In Demand.

Oregon Agricultural College, Corvallis, March, 21.—The U. S. War Department wants trained men for reserves officers in the event war, and many of these same trained men may be equally desirous of ascertaining their status should they be called to arms. Every qualified man can have his status fixed by taking an examination for the position which he is best qualified to fill. This examination can be taken before Col. V. A. Colwell, commandant of the O. A. C. Cadet regiment, and Lieut. R. D. Johnson, who have been appointed examining officers by the War Department. Men proficient in any of the following lines are eligible if not over age limit, to take the examinations:

Army service, either with the U. S. Army of National Guards, graduates of institutions with prescribed military training, such as the Oregon Agricultural College, whose graduates are particularly desired; railway managers, superintendents of large supply and warehouse concerns, animal buyers, wholesale merchandise managers, and other highly trained specialists in similar lines; mechanical, mining, and electrical engineer; physicians, surgeons and dentists.

Requests for application blanks should be sent to Col. Colwell, Corvallis, Ore. When these blanks have been filled and returned, applicants will be notified of the time to appear for examination. All who pass successfully will be entitled to commissions in the regular army, effective for a five-year period, with rights of renewal. Then, should the call to the colors be sounded each reserve officer will, when called know precisely what his status and duties are, each in a position to serve his country best in the capacity to which he is best suited.

## Campaign Under Way.

Oregon's good roads campaign has been launched. The Legislature's Committee of Eight, three senators and five representatives, has taken charge. Contributions of \$10 each were made by all members of the committee and the formal request was made of the press of the state that subscription lists be opened in their columns for the collection of funds for the county and state campaigns. The only restriction as to subscriptions was that none from paving companies may be accepted. All subscriptions made for the state campaign are to be remitted to Senator E. D. Cusick, treasurer of the legislature committee at Albany, Oregon. County campaign subscriptions are to be handled entirely by the local organizations.

It was the sense of the committee that organization of county campaigns be left entirely in the hands of the several counties, and that the sole function of the state headquarters is to be the dissemination of such literature, information, advertising and other service as may be required by the county organizations. The state headquarters also will cooperate in securing speakers for local meetings to discuss the bonding bill. There are many excellent speakers in the different counties who are well versed in the provisions of the bill and discuss same ably, and the services of such will be enlisted to visit neighboring counties their expenses to be paid from the state campaign fund.

To unite all the counties in the state campaign, a convention of supporters of the bond issue has been called to meet in Portland, Saturday, April 7. Meanwhile, the Legislative Committee will take charge of the state headquarters, the immediate work to be under the supervision of an executive committee consisting of Senator W. D. Wood, of Hillsboro, Chairman; Senator E. D. Cusick of Albany, Treasurer, and Representative Roy W. Ritner of Pendleton, Secretary.

## HEPPNER FURNISHES RECRUITS FOR NAVY

Three Local Boys Left This Week For Portland Where They Will Enlist For Training on War Ships.

Three Heppner boys, Harry and Charles Groshens, sons of Mr. and Mrs. Victor Groshens, and Elmer Presley left Wednesday for Portland having enlisted for duty in the United States navy.

The boys have signed up for four years of this work and at the expiration of their time in the service they will be a finished product of Uncle Sam's fighting force on the high seas. Moreover, from present indications, the boys may have the opportunity of participating in some actual fighting before many months.

The boys were encouraged to enlist by Vic Groshens, who, although being a naturalized citizen of this country, is a true patriotic citizen. Mr. Groshens received army training in France before coming to the United States and he realizes that this training is invaluable to the young man.

This action on the part of these boys will undoubtedly act as a stimulant to recruiting and many more young men will probably sign up for military service. In fact a number have signified their intentions and especially if there should be an early declaration of war.

## Operatives and Owners.

Men who think loosely and form opinions without regard to basic facts are heard to say that the present grave labor dispute is between a group of 400,000 trainmen and "Wall Street," the popular metaphor for capital represented in billions. Wall Street does not own the railroads of the United States. True, the New York Stock exchange plays football with railroad and other stocks six days in the week, but it does not own railroad property.

It will perhaps surprise the average reader to know that the number of shareholders in American railroads exceeds 600,000. Returns to the bureau of American railway statistics show that on June 30, 1914, there were 456,231 shareholders. The increase in numbers from 1904 to 1914 was 146 per cent, each successive year showing like gain. At this rate, shareholders probably number now more than 600,000. Average holdings are not large. For instance, the Pennsylvania railroad company had 91,500 stockholders, 48 per cent of whom were women. The average holding was 109 shares. Average holdings per shareholder in the United States are about 150 shares.

It is generally estimated that railway bonds are more widely distributed than stocks, but reliable statistics are not available. Railway bonds are largely held by trustees—including banks, savings banks, trust companies, life and insurance companies, educational and benevolent institutions. Thus indirect ownership runs into the millions. It is estimated that the institutions mentioned hold about \$2,000,000,000 of these securities.

Whenever any legislation is undertaken which adversely affects the revenue of railroads, it directly affects the income from the savings of several million people. Only a small percentage of them could be classified as rich. The late James J. Hill, for instance, was considered the richest railroad owner in the United States, yet he owned less than 7 per cent of the Great Northern Properties and the total number of shareholders in his company at the date of his latest available report was 20,323.

In the present labor dispute, the railway managers represent the interests of the millions who have invested their savings into institutions which are large holders of railway securities. So in the weighing of the rights and wrongs as between labor and capital, it is well to bear in mind, in this case, that capital is not confined to "Wall Street," but is also distributed among a great multitude of people all over the land whose industry and thrift enabled them to create savings which are invested in railway securities.—Portland Telegram.

## EGGS FOR SALE.

Thoroughbred S. C. White Leghorn. Famous O. A. C. strain. Seventy-five cents for thirteen; five dollars per hundred.

S. H. DOAK, Lexington, Ore.

A material reduction in the price of coal. Centralia nut coal at \$8.00 per ton while it lasts.

FOR SALE—Good seed potatoes. BURTON H. PECK.

Glasses fitted satisfactorily by Dr. Winnard, or money refunded. His prices are reasonable, and he is where you can always find him. No charge for testing eyes.

Kellogg is the Morrow county agent. See the truck on the streets, doing daily demonstration work.

## Shipping in Hay.

Hay is being shipped into Prairie City and is being delivered for a little less than \$25. A number of stockmen in the upper end of the valley are out of hay. Another week and more will be added to the list and by the first of April the hay supply of the county will practically be gone. Weather relief must come within a few days or the loss of stock in this county will be serious.—Canyon City Eagle.

WANTED—Old iron, rags, and junk. Buy and sell second hand furniture; will buy your hides and pelts, paying market price; \$3.50 per ton for old iron delivered at railroad in Heppner; old rags, 75 cents per 100 pounds. Geo. W. Verdort, at Second Hand Store, Heppner.

Are you out of coal. N. A. Clark has some good Centralia Nut coal that he is selling for \$8.00 per ton.

## Alfalfa Seed.

We have on hand a considerable quantity of highest quality alfalfa seed. Get your orders in early if you want any.

Heppner Milling Co.

## SCHOOL OF JOURNALISM WILL REORGANIZE WORK

Freshman Course To Be Combined With English In Five Hours A Week.

University of Oregon, Eugene, March, 21.—The school of journalism has prepared for the forthcoming University catalogue a statement of its courses for the next year based upon a plan for greatly intensifying the journalism work of the senior year, emphasizing also the third-year courses, and placing the freshman, and sophomore work in a new classification called "pre-journalism."

An arrangement has been completed with the English department, under which the six hours formerly devoted by the freshman to English and journalism in separate courses and three hours each will be consolidated into a single daily course of five hours. Dr. E. S. Bates, head of the English department, has assigned the handling of that department's share of the work to Prof. W. F. G. Thiacher, who was formerly a magazine writer. Dean E. W. Allen will teach the school of journalism's part of the course.

The senior work, now a three-hour course in editorial writing, history of journalism and contemporary journalism, with separate one-hour periods for special newswriting assignments, accounting work in the printing department and the law of the press, will be consolidated into a regular five-hour course and will include more practice work in editing, handling exchanges, investigating Oregon conditions, and studying problems of news-paper management.

Proofreading will be taught in the shop as a laboratory course and not combined classroom and laboratory course as at present. Copyreading will remain in the junior year, as will work in advance newswriting. The mechanical courses will remain in the sophomore year for the present.

## Mann of Illinois.

It now seems probable that when the new Congress assembles in April the present speaker, Clark of Missouri, will be accorded the honor of reelection. The country will be fortunate if that shall be the outcome, because the Republican candidate for that place is Jim Mann of Illinois, the satellite of Uncle Joe Cannon, and the so-called Republican floor leader. The country does not want Mann for presiding officer of the House, nor is it best that Republican honors should fall on him. He is not in accord with either the advanced thought of his party nor with the patriotic element which is lead by Governor Hughes and ex-President Roosevelt. Mann is an old-time machine politician, not broad enough to grasp the higher principles of government, or the mission of the republic to civilization. He is a Little American, a Chicago antique, an Illinois reactionary, a pacifist and a political back number. The organization is behind because of the usage of the party, which has not been entirely divested of its old time authority, and if the Republicans organize the House of Representatives he will be the successful man. At a juncture like this when the storms of war abroad and of distress at home are whirling all around us, the best men of the nation, regardless of party, ought to be in places of leadership. Clark is not a very great man, perhaps, measured by the standards of Lincoln or Jefferson, but he has been tried and not found wanting. He should be reelected to the speakership unless the Republican party can find a better candidate than Mann of Illinois.—Pendleton Tribune.

# Three Sizes of BUICKS

this year

Seven passenger, six cylinder, 55 horsepower - - \$1635.00

Five Passenger, six cylinder, 45 horsepower - - \$1170.00

Five passenger, four cylinder, 35 horsepower - - \$785.00

These prices are F. O. B. Heppner

## BUICK DESIGN

BUICK VALVE-IN-HEAD POWER

The rightness of the Buick Valve-in Head motor and not the enthusiasm of its salesmen has made the Buick conspicuous for leadership.

This new four has a Buick Valve-in-Head motor (with electric starter) which develops thirty-five horse power on brake test and is so reliable for rugged service that no engine is necessary among "men who know Buick."

Its lines are beautiful. Finish and color are exceptional. Deep, tufted black genuine leather upholstery. Covered floor and running board, with aluminum bindings, give a trimness of appearance that is peculiarly Buick.

Body, hood, fenders and running gear are painted a glossy, long-wearing black; wheels are black with white stripes. Tires 31x4 inches.

SEE THE BABY BUICK AT THE HEPPNER GARAGE

ALBERT BOWKER, Local Agent

All Buicks have the Delco lighting and starting system. There is none better.

## STALLIONS

AT ALTA STABLES, PENDLETON, OREGON

Imported Percheron and Belgian Stallions that are extra good. Besides other Percheron, Belgian, English Shire and Clydesdales with imported ancestors that are young and good, with correct pedigrees that are desirable. One pair extra Percheron mares. If you are a customer and want to save your money, take time to come and see me. Remember, Good Stallions and Low Prices.

If You Have a Stallion That You Cannot Use Longer I might Change J. R. JUSTUS, Importer, PENDLETON, OREGON.

Your friends can buy anything you can give them—except your photograph

Bring the Kiddies early while they are fresh and rested—The picture will be prettier.

SIGSBEE STUDIO OVER STAR THEATER Heppner, Oregon.

## CITY MEAT MARKET

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All kinds of Fresh and Cured Meats and Lard

This is the place to buy

Oysters, Crabs, Clams, Salmon, Halibut, Smelts AGENTS FOR "SEALSHIP" OYSTERS

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SHEPHERD—You can get the finest hams and bacons at the Peoples' Cash Market.