

# The Great Outdoors

Where Bread, Meat, Clothing, Health and Vigorous Humanity are Produced

## Linn County Boys' and Girls' Clubs

Products, \$6824.25 a Year of Which \$2355.03 is Profit

Linn county boys' and girls' clubs made a good showing in the report received by Mrs. Edna Geer, county leader, from the state leader, for the year ended Nov. 30. The clubs of three other counties exceeded those in Linn in value of products of club work. Linn's total was \$6924.25 and the expenses \$5,469.22, the profit for the youngsters' work being \$2,355.03.

The 100 per cent clubs, with their leaders were:

Lebanon Pig Club—M. Averhoff, leader; Juanita, Pearl and Wilma Averhoff, Georgia and Eugene Freeze.

Harrisburg Sheep club—C. P. Kizer, leader; Dale Drinkard, Joe Morse, Albert Thomas, Jr., Bennie Christensen, Leonard Christensen.

Harrisburg Calf club—George A. McCart, leader; Paul McCart, Lloyd Grimes, Luella McCart, Edgar Grimes, Zena Grimes, Randal Grimes, Dennis McCart, Ted McCart.

Harrisburg Calf club—Henry Garbe, leader; Henry Garbe, Jr., Jacob Reese, Bea Scott, Margaret Reese Wilbur Clark, Helen Reese.

Shedd Calf club—Jack Dannen, leader; George Dannen, Eugene Dannen, John Dannen, Karl Dannen, Claire Cornutt.

Shedd Sewing club—Mrs. Clark leader; Ruth Mason, Ruth Pugh, Katherine Pugh, Lurline Arnold, Eva Maxwell.

Lebanon Sewing club—Mrs. M. Averhoff, leader; Pearl Averhoff, Birden Yeoman, Florence McClain, Edith Alford, Waneta Averhoff, Dorothy Lake, Audrey Hayes, Mildred Hayes.

Waterloo Sewing club—Marcy Cather, leader; Mary Gaylord, Magdalene Speal, Violet Wheatcroft Clara Hainz, Marie Speal, Stell-Hainz, Francis Cather, Helen Powell, Idilla King, Bertha Schackman.

King, Bertha Schackman. Scio Sewing club—Mrs. W. A. Gilkey, leader; Marian Gilkey, Hazel Zysset, Lona Zysset.

Crabtree Sewing club—Mrs. W. R. Daugherty, leader; Eva Stockman, Esther Prine, Audrey Anderway, Laura Pepperling, Walter Middleton, Ellis Warren, Donald Potter, Benjamin Stockton, Dorothy Potter.

Berlin Sewing club—Mrs. O. R. Todd, leader; Ila Burrell, Esther McKinney, Loretta McPherson, Zelona Burrell, Delphia McKinney.

Scio Goat club—Mabel Zysset, leader; Lucile Sommer, Arnold Zysset, Lona Zysset, Gail Zysset, Hazel Zysset.

The dollars and cents received for the club products are but a small portion of the profit from these clubs. The best product of Linn county, the boys and girls, was materially increased in value by the experience. And that increased value is already felt on many farms and will go on adding to the value of Linn merchantable production, as the years go by. The county, now standing well to the fore, will have better stock, better crops, better farms and better homes, on the average, because of these clubs, and many a boy or girl who would have left the farm to be swallowed up in the great city will live out the span of life in peace and prosperity in those homes.

The potter cannot mold without clay, nor the hen make shells without lime.

The consumer has a peculiar way of avoiding any crop that is consistently inconsistent in quality.

The drooping boards, perches and nests should be treated for mites. The pullets also should be examined for lice.

## VEAL POULTRY EGGS CAPONS HOGS

We want your produce and guarantee the highest market prices. Our business established 44 years ago. Reference, Bank of California PAGE & SON Portland, Or.

## Waste and Bunk Are Glimpsed

### Need For More Aggressive Attitude to Aid Agriculture Cited By Commission.

Washington, D. C.—Sharp criticism of the administration of certain federal laws and agencies affecting the farmers was contained in the third report of the president's agricultural commission. It dealt with the conduct of the department of agriculture, interstate commerce commission, federal reserve board, tariff commission and internal revenue bureau.

Charging that administration of some departments is seriously handicapped by the interdepartmental jealousies, the commission said it found no "unfortunate results." These were that the "dog-in-the-manger" attitude of one department may retard development of another, and that rivalry may prompt proposals for departmental expansion.

The report declared that the country lacked a unified credit system, a condition harmful to agriculture; that the interstate commerce commission has failed or been unable to recognize its responsibility as advocate of the shipper and has developed into a court, and that the tariff commission can materially assist agriculture by "functioning actively along the lines of its constituted powers and responsibilities."

Complete separation of the regulatory and service functions of government departments was recommended and it was urged that uniform rate plant and animal quarantine regulations be devised, and that cooperative marketing organizations be given full benefit of tax exemption.

## Use Hard Water in Mixing Spray

### Government Bulletin Tells of Methods for Preparing Solutions.

Prepared by the United States Department of Agriculture.

More than half of the citrus groves are located in artesian-well districts. A large proportion of the finer grades of fruit are grown in groves that are dependent wholly or in part upon deep-well water for spraying purposes. The water from these wells is known as hard water, containing minerals in such proportions that the ordinary or instabilized oil emulsions will not mix with it unless the water has been previously treated.

#### Mix With Well Water.

It has been found that oil emulsions stabilized with any one of a number of different colloidal substances will mix with practically all deep-well waters even when untreated. These stabilized oil emulsions will also mix with lime-sulphur solutions, making a highly effective combination spray for white flies, scale insects, and rust mites. When a combination of this kind is properly made by a competent grove manager it is a reasonably safe spray for either citrus foliage, branches or fruit. The stabilized oil emulsions have met with much favor among many of the largest citrus growers, who no longer find any difficulty in using the untreated water from deep wells.

#### Methods for Treating Water.

A new United States Department of Agriculture Bulletin No. 1217, "Mixing Emulsified Mineral Lubricating Oils with Deep-Well Waters and Lime-Sulphur Solutions," by W. W. Yothers, entomologist, and J. R. Winston, pathologist, discusses the best methods for treating deep-well water, but also recommends using stabilized oil emulsions with untreated water.

Directions and formulae are given for stabilizing oil emulsions by applying various colloidal substances, such as casein, milk, skimmed milk powder, gelatin, cornmeal, wheat flour, cornstarch, and laundry starch, as well as glue. Those interested may obtain the bulletin, as long as the supply lasts, by applying to the Division of Publications, United States Department of Agriculture, Washington, D. C.

Approximately \$29,294,000 had been expended in constructing irrigation works in this state at the close of 1924, with 1,343,000 acres of land involved, according to the biennial report of the state engineer, filed with the legislature.

## More Farm Relief Piffle in Congress

Washington, D. C.—The house agricultural committee decided to invite all members of the president's agricultural commission to appear before it to discuss recommendations for relief of the farmers. The committee also decided to call representatives of farming organizations.

After the hearings, which started Monday, there will be an effort to draft legislation in time for action at the present session.

Since the commission's report was transmitted to congress several bills aimed at farm aid have been offered, Senator McNary, republican, Oregon, introducing a new farm export bill containing many of the features of the McNary-Haugen measure. Senator McNary said he acted at the request of farm organizations, and that it was his aim to have the bill before the committee when it reopened the whole subject of farm aid.

The legislative recommendations on the agricultural commission were transmitted to congress by President Coolidge with a request for their enactment "at the earliest possible date."

In a brief message sent to both house and senate, the president not only urged prompt action but took occasion to express confidence in the commission and its findings.

No draft of legislation to carry out the recommendations accompanied the report and it was indicated that this task would be left to the house and senate agricultural committees.

## Crop Production Behind Increase in Population

Crop production in the United States is not keeping pace with the annual increase in population, according to figures just released by the United States Department of Agriculture. Total crop production has increased 13 per cent during the past twelve years, but production per capita has decreased about 5 per cent.

The mass of crop production in 1924 as measured by an index number is 113 per cent of the average for the five-year period 1910-14, and in 1923 the figure was 110 per cent. The index of crop production per capita in 1924 is 95 per cent of the average for the five-year period, and in 1923 the index figure was 94 per cent.

There was a decrease of about one-fifth of 1 per cent in acreage of crops from 1923 to 1924 but production in this period increased 1 per cent. The trend of crop production per capita has been lagging since about 1915, with the exception of 1920, the department says.

## Kansas Potato Growers Are Treating More Seed

In the Kaw valley of Kansas, seed potato treatment for control of tuber-borne diseases has been found to bring increased yield.

When agricultural extension workers began demonstrating approved methods of treating the seed in the potato-growing communities, very few farmers in this section used this preventive measure. Method demonstrations were followed by the growing of test plots in which treated and untreated seed was planted by farmers under the direction of extension workers. These test plots gave such farmers and their neighbors an opportunity to compare the results from the use of treated and untreated seed. The number of Kaw valley acres on which treated seed potatoes were planted has increased each year, according to reports to the United States Department of Agriculture, from practically none in 1918 to more than 6,000 acres in 1924.

A successful rural leader must be a good farmer.

"In this 'Eat-More-Fruit' campaign, farmers can well set an example."

## Cutting Out the Marketing Graft

### The One Sure Way to Get It Done is to Do It Yourself

Portland, Jan. 22.

Last spring a number of farmers who had for years marketed products through the regular trade channels of Chicago, and who had become discouraged with the small profits left them after the horde of middle interests had taken toll, started their own retail store on the water front. In the first season they sold \$55,000 worth of their products. Now those farmers are arranging for a chain of producer-to-consumer depots across the city. The middle concerns take so much from their products that they are forced to direct selling in self-defense.

The Farmers' Union Supply company of Kentucky in one year has firmly established 14 chain retail stores supplied from one central warehouse in Marysville. The record of store extensions into first one blue grass community and then another makes inspiring reading for the co-operator.

Since the department of agriculture gave out figures showing that the Pacific coast grower received but 78 cents per box for apples that retailed in New York for \$5, the growers are working on plans to handle the products all the way through.

The National co-operative Milk Producers' federation has a membership of over 300,000, stretching across the country from New England to the Pacific coast. It is urging more protection against New Zealand, Australian and Argentine dairy products, which cannot be coped with under present tariff duties because of the low standard of wages and living in those countries.

C. E. Spicer, State Market Agent.

### THE MARKETS

**Portland**  
Wheat—Hard white, \$2.20; soft white, \$2.00; northern spring, \$2.05; hard winter, \$2.02; western white, \$1.95; western red, \$1.96.  
Hay—Alfalfa, \$19.50@20 ton; valley timothy, \$19@20; eastern Oregon timothy, \$22@22.50.  
Butterfat—45c delivered Portland.  
Eggs—Ranch, 32@36c.  
Cheese—Prices f. o. b. Tillamook: Triplets, 31c; leaf, 32c per lb.  
Cattle—Prime steers, \$7.25@7.75.  
Hogs—Medium to choice, \$9.75@11.40.  
Sheep—Lams, medium to choice, \$15@17.

**Seattle**  
Wheat—Soft white, \$1.98; western white, \$1.96; hard winter, \$2; western red, \$1.95; northern spring, \$2.02; Big Bend bluestem, \$2.25.  
Hay—Alfalfa, \$23; D. C., \$28; timothy, \$26; D. C., \$28; mixed hay, \$24.  
Butterfat—47c.  
Eggs—Ranch, 34@38c.  
Cattle—Choice steers, \$7.50@8.00.  
Hogs—Prime light, \$11.75@11.90.  
Cheese—Washington cream brick, 19c; Washington triplets, 19@20c; Washington Young America, 21@22c.

**Spokane**  
Hogs—Prime mixed, \$11.35@11.50.  
Cattle—Prime steers, \$7.25@7.75.

There will be no increase in charges for grazing cattle and sheep on national forests during 1925 and 1926, Secretary Gore of the department of agriculture has announced.

## European Fowl Pest Found Here

### Disease Is Characterized by Its Extremely Infectious Nature.

(Prepared by the United States Department of Agriculture.)

Several weeks ago Dr. Veranus A. Moore, of Cornell university, brought to the attention of the United States bureau of animal industry the existence among poultry of a disease which he diagnosed as the European fowl pest, hitherto unknown in the United States. Investigations made in New York city, and Philadelphia, by representatives of the bureau confirmed this diagnosis.

The disease is characterized by its extremely infectious nature, rapidly progressing course, and high mortality. Conspicuous symptoms are depression and loss of appetite followed by prostration. The comb and wattles usually become purple, and sometimes swollen. Sticky exudate may paste the eyelids together, clog the nasal passages and even obstruct the windpipe, causing labored breathing. A greenish yellow diarrhea may be present.

#### Autopsy Findings.

The nasal passage, larynx and windpipe contain some mucous exudate. Blood-stained patches and sometimes blood clots are found in the windpipe. The lungs are usually more or less pneumonic. A hemorrhagic or "blood-shot" condition is found on the crop and under the skin in various other parts, sometimes accompanied by a gelatinous exudate. Hemorrhage spots on the muscle or fat of the heart, on the gizzard fat, on the outer surface of the small intestines, and especially on the inner lining of the glandular part of the stomach and gizzard are considered as diagnostic evidence of European fowl pest. Serous fluid is sometimes within the heart sac, or in other cases in the body cavity.

Since treatment of affected birds is futile, the aim should be to prevent so far as possible the spread of infection. The first fowls showing symptoms should be destroyed by a method which would guard against the contamination of the premises. The carcasses should be burned or buried deep. The healthy fowls should be moved to new quarters if possible and carefully watched for signs of disease. Houses and runs should be thoroughly cleaned at frequent intervals and disinfected with carbolic acid in 5 per cent solution. The drinking water may be made antiseptic by adding one-third teaspoonful of permanganate of potash to each gallon, a procedure which serves to prevent the spread of disease through the water, and also is a convenient means of administering an internal antiseptic.

#### Control Measures.

It should be remembered, said Dr. John R. Mohler, chief of the bureau of animal industry, that there are other poultry diseases prevailing that may be mistaken for fowl pest. Diseased chickens have been received for study from several points in the central West within the last few weeks, but fowl pest was not encountered in any of these shipments. Congress, appreciating the importance of prompt action in eradicating this European infection, passed a joint resolution making \$100,000 immediately available for the control and eradication of this pest. Regulation and other suppressive measures are being formulated by the bureau of animal industry to become effective as soon as the work can be organized to meet the emergency.

Embargoes were declared recently against a number of poultry producing states of the Middle West by New York city, and the states of New York, New Jersey, Maryland, Pennsylvania, Connecticut and California.

## Herrin Sustains Its K. K. K. Repute

Herrin, Ill.—Another pistol fight stirred Herrin early Sunday. When the smoke had cleared away it was found that a man representing himself as an officer seeking to arrest a clansman had been shot to death in the Lyman hotel by Rufus Whitson, policeman, after the alleged officer had wounded Sim Stephens, policeman, and terrorized the hotel employees. The latest affray came while Sheriff Galligan was seeking martial law in Herrin. Quiet prevailed tonight.

The killing brought the death toll in the Klan-anti-Klan fight to 14.

The coroner's jury exonerated Whitson.

"It was merely a case of an officer of the law performing his duty," Major Davis remarked.

The major said he had reported the condition to Adjutant-General Black, but had made no recommendations. He said his personal opinion was that martial law was "not necessary at this time."

### TAX TEST SUIT IS AWAITED

Decision Would Affect States Having Community Property Law.  
Washington, D. C.—The treasury

has decided, in the event it wins its test suits on the federal government's taxation rights under the California community property law, to apply that decision of assessment of taxes in the seven other states having community property laws.

The test case will result from the treasury's announced refusal to refund income taxes to California taxpayers to whom it has declined to grant the privileges accorded under that state's community laws. Refunds of about \$3,000,000 will have to be made on estate taxes collected by the federal government in that state which Attorney-General Stone a few days ago held to be illegal.

Besides California, Arizona, Idaho, Louisiana, Nevada, New Mexico, Texas and Washington have community property laws, and most of them have been operative for many years.

#### Not Guilty Plea Made for Wheeler.

Great Falls, Mont.—After filing in the federal court a withdrawal of the demurrer to the indictment and a motion to transfer the case to Butte for trial, S. C. Ford, attorney for Senator Burton K. Wheeler, appeared in the federal court and entered a plea of not guilty for the accused senator. It is probable that the case will be set for trial the latter part of March.

#### Homestead Bill is Favorably Reported.

Washington, D. C.—The senate reclamation committee this afternoon favorably reported the Kendrick homestead bill. It would authorize the government to sell home lots on reclaimed lands. It also authorized loans by the government for the purchase of livestock.

#### Hangings Abolished in Nation's Capital

Washington, D. C.—President Coolidge signed a bill abolishing the ancient punishment of hanging in the District of Columbia. Hereafter death sentences will be imposed by electrocution.

### BRIEF GENERAL NEWS

Bread prices were increased one cent Monday in Seattle.

George W. Cable, author, died at his winter home in Petersburg, Fla.

The Phipps bill, cutting nearly in half the fees for grazing privileges on national forest land in the west, was adopted by the senate.

Senator Wesley L. Jones of Washington introduced a bill, directing the postoffice department to design and issue a 2-cent postage stamp in commemoration of the 100th anniversary of Port Vancouver.

Mrs. Ellen Hamlin, widow of Hannibal Hamlin, who was vice-president with Lincoln, United States senator and ambassador to Spain, died at her home in Bangor, Me. Mrs. Hamlin was 89 years of age.

Attorney-General Stone, assuming full personal responsibility for the institution of a new court action against Senator Wheeler, democrat, Montana, gave notice to senators who are opposing his nomination to the supreme court in that connection, that the proceedings would continue.

#### Minnesota Board Merger Planned.

Minneapolis, Minn.—Minnesota, tired of expensive boards and commissions, is trying to get back to first principles in government. An interim committee of the state legislature, after two years of investigation, has recommended that the 92 state departments, boards, commissions and whatnot in the state capital be consolidated into 12 departments.

### Prune the Fruit Trees

Young trees, fruit or shade trees, require attention every season. The pruning knife should be used quite liberally if the best results are desired. There is no doubt that the fruit trees which are headed low prove more satisfactory. They are easier to get at when pruning, spraying and finally when picking the fruit. Grape vines require the same attention, early in the spring.

### Control of Apple Scald

Offered wrappers have proved to be the most practical preventive of scald found so far. The first consideration is prompt cooling after harvest. Then pack your apples, using offer wrappers for each apple. Such apples should come through storage in much better condition. Write to the United States Department of Agriculture for Farmers' Bulletin No. 1350 for a more complete discussion of the problem.

### Useful Litter Carrier

It is best to provide a good manure and litter carrier when one is making preparations to take care of the manure. It is one of the greatest labor-savers that can be found about the modern barn. The manure can be forked into the carrier easier than it can be thrown from the windows, and once the carrier is filled, it takes but a few moments to roll it out to the pit and dump the contents by the release of a mechanical latch.

A car of

## Land Plaster

will arrive in February. Place your order now for delivery right off the car at a great saving in price.

## O. W. FRUM