

Growing Demand For Information On Farm Problems

Agricultural Stations and Colleges Almost Swamped With Flood of Calls on Economic Questions.

The rapid development of the farm bureau and the agricultural extension work has swamped the agricultural experiment stations of the country with demands for more definite information on the solution of the farmers' problems, according to Dr. E. W. Allen, chief of the office of experiment stations of the United States Department of Agriculture, who recently visited the Nebraska experiment station at Lincoln.

The farm bureau, organized in the interest of more efficient farming, has seized upon the information which the experiment stations had at hand and is now demanding additional facts, Dr. Allen said. Increased production, which once occupied very largely the field of experiment station work, no longer satisfies farmers; they are now interested in the economic aspects of agriculture. The experiment stations realize that a great deal of investigational work must be done concerning the economics of farming.

Dr. Allen mentioned the experimental work that must be done in the interests of the woman in the home. The farm bureau is demanding that the experiment stations help lighten the burdens of the farm woman.

Dr. Allen mentioned several fields in which experiment stations have revealed rather startling facts. Experimental stock feeding in the last few years has threatened to upset some time-worn ideas. A vast amount of valuable work has been done along the line of animal and plant diseases, with the result that some widely accepted theories have had to be altered or abandoned.

The coming of the farmer into his own and the demand which he is making for new farm facts have been brought to the consideration of congress by Representative Furnell of Indiana, who has introduced a bill providing for increased federal aid. In spite of the greatly increased demands upon the stations, their financial support has not been increased in more than 10 years.

Dr. Allen complimented the Nebraska station on its work and advancement.

"We look upon the Nebraska station as one of the best and most resourceful in the country," he said. "We are much impressed with its steady advancement, with the way it organizes and conducts its work, and with its efficient plant. Each new building seems to represent the climax in efficiency. This is especially true of the animal pathology plant and the engineering and dairy buildings. The way the Nebraska station selects its experimental work and the fact that such work is limited to pressing problems, is especially pleasing. Nebraska makes a happy combination of the theoretical and practical and it bids fair to accomplish a great deal of good."

Much Wool Still Held by South African Growers

The total accumulation of wool in the Union of South Africa on April 1, according to the American consular report, is given as 414,000 bales. Although these are not government statistics, the consul states that they are reliable estimates. It is estimated that of this amount 83,000 bales are high-grade wool, 145,000 bales medium grade, and 186,000 bales low-grade stock.

The supply available on the same date last year was 200,000 bales, of which 54,000 were high-grade wool, 70,000 medium grade, and 76,000 low grade.

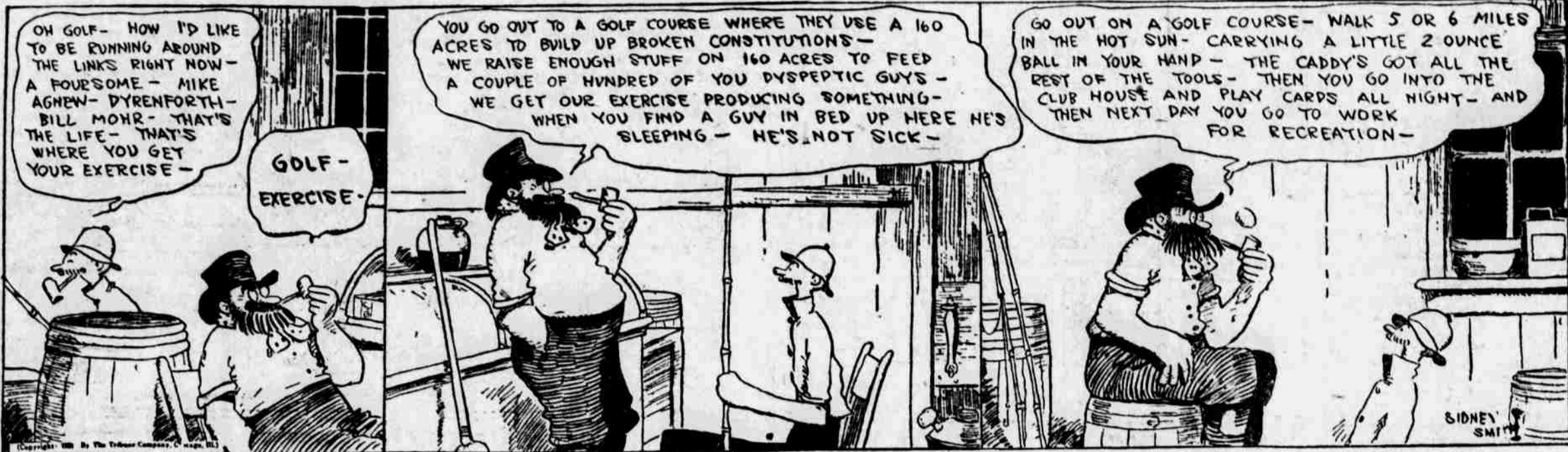
Full Lists of Licensed Warehouses Available

Complete lists of warehousemen, classifiers, inspectors, graders and weighers licensed under the United States warehouse act are made available in printed form for the first time. These lists are in Service and Regulatory Announcements (Markets) No. 68. Copies may be secured by writing to the U. S. Department of Agriculture, Washington, D. C.

Onion Acreage Reduced.

The onion acreage in the north has been considerably reduced, even in comparison with last year's rather light acreage. The crop in some districts has not been doing very well, owing to uneven stand and various injuries by insects and other pests. It is, of course, too early to obtain any general idea regarding the probable yield.

THE GUMPS---



Grain Growers Sign Contracts With Elevators

Nebraska Firms Agree to Deliver Crop to New Association—New Organizations Are Formed.

A. J. Dewald of Belvidere, Neb., representing the United States Grain Growers, Inc., signed contracts with six co-operative elevators last week, by which the elevators agree to deliver to the United States Grain Growers the grain of growers who later take out a membership. He signed every elevator interviewed. These elevators who thus signified their desire to get behind this co-operative movement are located at Byron, Brainerd, Hubbell, Gilead, Hebron and Carleton.

At Williams, where there is no co-operative elevator, Mr. Dewald arranged for the formation of a local grain growers' association. This association will be the local contracting body and supervise the handling and financing of members' grain. It will arrange for the use of local elevator facilities, either by contract, construction, purchase or otherwise.

Word from the office of the state organizer indicated that 30 elevators would be signed up by the last of this week. The 13 solicitors working in the different parts of the state, have scheduled meetings for every day this week with boards of directors of local co-operative elevators and they report that a high percentage will be maintained throughout the campaign. In most cases the directors have voted unanimously to sign the individual grower contract as soon as this phase of the organization work is started.

The United States Grain Growers is also making satisfactory progress in other middle western states. Twenty-four elevators with an average membership of 61 farmers, have become affiliated with this organization in North Dakota, according to reports received from U. L. Burdick, director of the organization in that state. Approximately 5,000 bushels of grain are involved in the individual contracts signed to date.

Thirty-three co-operative elevators in Missouri have signed contracts for membership, according to R. E. Donnell, state organizer. Up to the present time no effort has been made to obtain signatures on the growers' contracts, but this work will start immediately.

Exports of Butter From Argentina Show Increase

The exports of butter from Argentina during the first quarter of 1921 totaled 340,541 cases of 55 pounds each, compared with 150,175 cases during the corresponding period of 1920, according to the Review of the River Plate. The United Kingdom took 274,940 cases; Italy, 49,273 cases; Holland, 7,917 cases; the United States, 3,588 cases, and France, 2,999 cases.

Argentina's Wheat Exports.

Argentina exported 475,008 tons of wheat during the first three months of 1921, compared with 1,612,104 tons during the corresponding period of 1920, according to the Review of the River Plate. Brazil furnished the chief market, taking during that period 76,108 tons. Other important purchasers were Holland, 43,962 tons; Belgium, 38,718 tons; and Spain, 28,740 tons.

Wheat Yield of India Third Under Last Year

The government of India has recently issued a special wheat forecast for the 1920-21 crop, based on reports received from provinces and states which comprise about 98 per cent of the total wheat acreage of India, according to the commercial intelligence department of India.

The total area reported in the special forecast is 24,945,000 acres, compared with 29,537,000 acres at this time last year, or a decrease of 15 per cent. Compared with the final estimate of last year, 30,008,000 acres, the present estimate shows a decrease of 11 per cent. The total yield is now estimated at 6,778,000 tons, as against 9,774,000 tons estimated at the corresponding date last year, or a decrease of 31 per cent. The present estimate of yield is 33 per cent below the revised final estimate (10,130,000 tons) of last year. The crop has been adversely affected by drought and hot winds in most of the important wheat growing tracts, and the general condition of the crop on the whole may be regarded as only fair.

Canadians Plan to Ship Wheat Via Panama Canal

The plan to ship Canadian prairie wheat to Europe via the Panama canal has received much encouragement from the attention given the arrival of the S. S. Buenos Aires with 3,000 tons of wheat from Vancouver, according to a statement in the London Times Trade Supplement.

Some experts feared that the rapid change from the temperature of northern latitudes to that of the tropics and back again would prove injurious to the wheat. The success of the venture, however, has been sufficient to demonstrate clearly the feasibility of the Vancouver-Panama route for grain as far as climatic conditions are concerned.

There is at Vancouver a government elevator with a capacity of 1,250,000 bushels, capable of handling 60,000 bushels of grain an hour. The difficulty of the railways in transporting the grain crop upward in the short time between harvest and the close of navigation on the great lakes, is increasing yearly, as the area devoted to grain crops becomes larger. Therefore, the advantages offered by the western route, where there is ice-free water all the year round, are especially attractive.

America to Ship Pure-Bred Cattle to Northern France

One of the means for the rehabilitation of the devastated sections of northern France is the shipment of pure-bred Holstein bulls from America, reports the American consul at Havre. The first consignment of 83 bulls and one cow, shipped by the Holstein-Friesian association of America to the French minister for the devastated regions, arrived in Havre on May 12, on board the American steamship Coronado. It is reported that altogether from 750 to 1,000 pure-bred bulls will be shipped to France.

Using More Margarine.

The margarine consumption of Belgium has now increased to 5,511,500 pounds a month, compared with a prewar consumption of 2,204,600 pounds monthly, according to the London Times Trade Supplement.

Dog Hill Paragraphs

By George Bingham
Ellick Helwanger says the rat holes at the Rye Straw store are in



such convenient places for money to roll into, he is beginning to believe they were put there on purpose.

As soon as his microscope arrives Cricket Hicks is going to begin an exhaustive search for the chicken mite that has been bothering him for the past few days.

Frisky Hancock says he would hate awful bad to be a horse if he had to look like the one the Tin Peddle drives, and the Tin Peddle hearing this remark, replied that if his horse did look like Frisky he would swap him off for a calf.

Jewel, Flower, Color Symbols for Today

The pearl, which is today's talismanic gem, is the jewel of youthful purity, according to the ancient Orientals. While its wearer was said to be gifted with extreme charm and to be irresistible to the opposite sex, she is likely to be possessed of a coolness and poise which will nip many an affair in the bud.

Roman mythology assigns the emerald as today's stone. Though the emerald belongs to Venus, by some queer contradiction it is an enemy to sentiment. It bestows upon those whose birth anniversary it is extraordinary clarity of vision.

White, a symbol of purity, is the color to be used today, according to the ancient mystics. It preserves the harmony of which the pearl and the emerald are the two leading factors.

No more appropriate symbol could be imagined than the gardenia, the flower which will exercise its sacred significance on this day. From its cool, chaste petals is read the prophecy of pleasure which is pure and without motive.

Red Clover Seed Imports Increase During June

During the week ending June 4, the arrivals of red clover seed from France were 1,120,000 pounds at New York and 1,045,000 at Baltimore, totaling 2,165,000 pounds.

Other imports for the same period were: At Baltimore, 35,000 pounds of rapeseed from Belgium; at New York, 220,000 pounds of sunflower seed from Argentina.

Land to be Opened To Homesteaders

Ex-Service Men to Have Preference in Drawings at Alliance.

Alliance, Neb., July 17.—(Special.)—The United States land office here has received notice that 10 tracts of land, aggregating about 1,100 acres located in Cherry county, 50 miles southeast of here, will be opened for homestead entry on August 22 at 10 a. m. All filings for the land must be at the Alliance land office on that date. The tracts consist of the following respective acreages: 229.76, two of 120 acres each, three of 40 acres each, one of 150, one of 240, one of 76.61 and one of 35.15 acres.

Under the provisions of the act of February 24, 1920, honorably discharged officers, soldiers, sailors or marines who served in the United States army or navy during the world war have a preference right of homestead entry for the period of 63 days from August 22, 1921. All

such applications must be made after actually examining the land applied for, and executed before the Alliance land office or clerk of the district court, county judge or United States commissioner of Cherry county, and may be filed by mail or otherwise at the Alliance office during the 20 days prior to August 22, 1921, accompanied by a certified copy of discharge and the legal fees for entry. The right of entry in conflicting applications on file at that time will be determined by a drawing.

Twenty Cars of Eggs Are Shipped to Boston

Approximately 20 car loads of Chinese eggs reached the Boston market during the early part of this year. When these eggs first arrived they were an unsettling factor on the storage-egg market, as they were better than the storage eggs which could be bought at the same price. But after storage eggs had disappeared from the market they were used to supply mill towns and other places where cheap eggs were wanted and where they could be disposed of profitably at about 10 cents below the price of eggs produced locally. It was difficult for the ordinary person to distinguish Chinese eggs from the domestic product.

Eggs Rejected Because Of Inferior Case Fillers

Several car lot shipments of eggs from the Pacific coast were recently rejected because of the use of inferior fillers, which absorbed moisture and became soft and weak. In some of these shipments the inferior grade fillers were scattered throughout the car. Of the 15 cases inspected in one car, one case contained one inferior filler, another had two, a third had five all on one side, while a fifth had all inferior fillers. The rest of the cases contained high-grade fillers, which were firm and sound.

The quality of the eggs was not questioned because of the decline in the market while the shipments were in transit. The buyers refused the eggs solely because the inferior fillers made it possible for them to reject the eggs at the grade specified in the transaction under a technical grading.

DuBois Newspaper Man is Appointed Postmaster

DuBois, Neb., July 17.—(Special.)—Harry Moore, editor of the DuBois Press, has been appointed postmaster. This place was made open by the resignation of the former incumbent a few days ago.

American Farm Bureau Head to Visit Nebraska

President Howard Will Deliver Two Addresses in State During Latter Part Of July.

President James R. Howard of the American Farm Bureau federation will deliver two addresses in Nebraska the latter part of July, according to announcement made at Nebraska Farm Bureau headquarters. Mr. Howard will speak at the farm bureau picnic in Buffalo county on July 26, and at a similar gathering in Fillmore county on July 27. Those were the only two dates for which the Nebraska Farm Bureau was able to secure Mr. Howard at this time, but tentative arrangements have been made to have him deliver one address at the Nebraska state fair this fall.

This is the first opportunity that Nebraska people interested in agricultural activities have had to hear Mr. Howard, who has sprung into international prominence as the head of the greatest organization of farmers anywhere. President Howard, during the recent year of uncertainty and reconstruction, has kept in "close touch with the vital things looking to relief from the conditions that the post-war period has plunged the farmers into, both in the matter of legislation and better organization and co-operation among the farmers themselves.

"This will be the greatest opportunity Nebraskans have had in recent years to learn something of the condition surrounding agriculturalists and the aims of the greatest farm organization in the world looking to a betterment of their condition," says a statement issued at Nebraska Farm Bureau headquarters.

Pawnee City Band Quits Saturday Night Concerts

Pawnee City, Neb., July 17.—(Special.)—Band concerts in Pawnee City will be held on Friday night hereafter instead of Saturday night. This change has been effected because of opinions of the business men that Saturday night was not so satisfactory.

NEW ISSUE

\$4,000,000

CONSTANTIN REFINING COMPANY

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Interest payable without deduction for Normal Federal Income Tax up to 2%; 4 Mill Tax Refundable in Pennsylvania and Massachusetts.

Dated June 1, 1921. Denomination \$1,000. Principal and semi-annual interest June 1 and December 1. Payable in gold at the office of the Trustee, The Spitzer-Rorick Trust and Savings Bank, Toledo, Ohio, and New York City.

\$500,000 due June 1, 1922	\$500,000 due June 1, 1924
500,000 due June 1, 1923	500,000 due June 1, 1925
\$2,000,000 due June 1, 1926	

Callable at 104 and accrued interest at any interest-paying period on and after one year from date on 60 days' notice, and at 1% less premium at the end of each year thereafter. Bonds may be registered as to principal.

Total Authorized Issue, \$5,000,000 Uncertified and Unissued, \$1,000,000, due June 1, 1926

From letter of E. Constantin, Sr., President of the Company, and other official information furnished us, we summarize as follows:

BUSINESS: Established in Tulsa in 1912 by E. Constantin, Sr., with only a nominal capital, from which there has been earned its present surplus of nearly \$13,000,000. The Company does a large and profitable business in refining crude oil and marketing its products in this and foreign countries. Its business is well established and constantly increasing. The Company owns and operates two large modern refineries in Oklahoma: No. 1 at Tulsa, having a daily capacity of 5,000 barrels, and No. 2 at Devol, of 10,000 barrels, and at each refinery owns a large tank farm with steel tanks, enabling the Company to carry on hand large stocks of crude oil and manufactured products. It owns its own pipelines and 1,087 modern all-steel tank cars having a capacity of 8,000 and 10,000 gallons each. It owns and controls through the Constantin Oil and Gas Company valuable oil properties in Oklahoma, Kansas, Arkansas, Texas and Louisiana which, with contracts for other production, insure the Company an adequate supply of crude oil for refining at all times. It owns and controls through the Lindner Oil Company its own gasoline and filling stations for handling its domestic trade, and owns one-third of the Export Oil Corporation through which it handles its large and very profitable foreign trade. The Constantin Company is, therefore, in the strong position of controlling the production, manufacture, transportation and distribution of its products direct from oil wells to the ultimate consuming market, both domestic and foreign.

MANAGEMENT: The Company has always had an exceptionally able and efficient management, as is demonstrated by its large surplus, all earned, and its high standing in the trade. No change is contemplated in the ownership, management and policy of this Company. Its officers are men of integrity and experience: President Constantin, the founder of the business, is also President of the Export Oil Corporation and of the Franco-American des Petroles Compagnie of Paris, in which the Company is a large stockholder; Vice President Malloy is a former President of the Western Petroleum Refiners' Association.

PURPOSE: The proceeds of these bonds are being used to pay indebtedness and to largely increase its working capital.

SECURITY: The present bond issue constitutes the only bonded debt of the Company and is secured by a FIRST MORTGAGE or DEED OF TRUST, under which is pledged all of its property, real, personal and mixed, now owned or hereafter acquired. Its current assets, including tank cars and equity in tank cars (net) amount to over \$7,000,000, or nearly twice the amount of the \$4,000,000 bonds to be presently issued, while the total net assets available as security for these bonds are over four times the amount of bonds issued.

SINKING FUND: The Trust Deed provides that the Company shall make a monthly deposit with the Trustee of a sum in cash equal to one-twelfth of the next maturing installment of bonds and one-sixth of the next maturing coupon on all bonds outstanding.

EARNINGS: Net earnings for the five years 1916 to 1920, both inclusive, after payment of income taxes and liberal deductions for depreciation, averaged \$1,003,438.94; net earnings for 1920 were \$1,975,094 after creating reserve for Federal income taxes, liberal deductions for depreciation and also charging off, on December 31st, \$1,287,551 to reduce inventory price of crude and fuel oil on hand to anticipated drop in market price, and loss of \$57,551.71 on sale of \$450,000 Liberty Bonds. The net earnings for the year 1921, based on the earnings for the first four months, before setting aside reserve for Federal taxes, are conservatively estimated at \$3,195,195.84, or over nine times the interest on the bonds to be issued. The foregoing does not include the very large profit in the recent sale to the Standard Oil Company of one-half of the Company's holdings in the Eldorado field.

All legal matters pertaining to this issue have been taken under the direction of Messrs. Tracy, Chapman & Welles, Toledo, Ohio, and Messrs. Breckinridge, Bostick & Daniel, Tulsa, Okla.

Having sold the larger portion of this issue, we offer the unsold balance of approximately \$950,000

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