

FARM CO-OPERATIVE DIVISION

A MESSAGE TO EVERY MEMBER.

CANNING SCHEDULE

The Hermiston Cooperative Cannery will be open for canning meat, squash or any other product you may have on Wednesday, December 29th. Please have your product in the can not later than one o'clock.

Anyone having canned goods in the cannery at present, is asked to please call for it at once.

O. L. BARLOW, Mgr.

THE CREAMERY PATRONS' COLUMN

(From The Creamery Journal)

Don't Neglect Cream Now.
Increasing cold weather will bring several problems to the milk producer. Barns, which were open and well ventilated during the spring and summer and fall months, will now be closed and danger of milk absorbing barn odors will be much greater.

Milk should be removed from the barns as quickly as possible, suggests C. A. Iverson, of the Dairy Industry Department, Iowa State College. While silage passing through the cow does not apparently affect the flavor of milk, this feed, if fed at milking time or shortly before, may cause off-flavor in milk.

Another problem in milk production which is often overlooked during cooler weather is that of properly cooling milk. As the air gets colder it is often incorrectly thought that the milk likewise gets cooled and hence needs less artificial cooling. "Water is the greatest cooling medium," Iverson declares, "and milk should be cooled in all seasons."

Reports from some creameries indicate that some of the best quality cream was received during the intense hot weather last summer because special care had been taken by producers to properly cool their milk and cream.

Milking Machines

Investigations conducted by experiment stations and the experience of a large number of dairymen have shown the practicability of mechanical milking from the standpoint of their effect upon production, upon the quality of the milk, and upon the physical condition of the cows. The object of this study was to compare the expense of mechanical and hand milking in herds of different sizes. Data were obtained from 30 Illinois dairy farms on which 860 cows were milked mechanically and from 34 farms of which 850 cows were milked by hand. The farms, as nearly as possible, comparable in respect to efficiency of management and methods of dairying except as to the method of milking.

The average annual expense of caring for a cow milked mechanically was \$18.64. Man labor constituted 76.5 per cent of the total expense; power, 13.2 per cent, and mechanical milker, 10.3 per cent.

The average annual expense of caring for a cow milked by hand was \$23.44, or \$4.80 more than the average expense of caring for a cow milked by machine. The labor requirement was 133.9 hours per cow per annum for the cows milked by hand as compared with 81.5 hours for the cows milked mechanically.

In herds of less than 25 cows, the average annual expense of caring for cows milked mechanically was \$20.55 per cow, and in herds of 25 cows or more, \$17.49 per cow. This difference (\$3.06) was made up of differences of \$1.11 in labor expense, and \$3.64 in mechanical milker expense in favor of the larger herds. No significant difference in expense of hand milking, due to size of herd, was found.

The average annual saving in expense resulting from the use of mechanical milkers was \$3.23 per cow, or \$61.69 per farm, in herds of less than 25 cows. In herds of 25 cows or more, the saving was \$5.70 per cow or \$203.49 per farm. These differences were based upon a labor rate of 17.5 cents per hour. When the labor rate was varied from 12 cents per hour to 30 cents per hour, the saving in expense resulting from the use of mechanical milkers ranged from \$4.46 to \$9.55 per cow for the smaller herds and from \$2.76 to \$12.37 per cow for the larger herds.

Under some circumstances of size of herd and expense of labor, there is sufficient saving in labor to make a mechanical milker a profitable investment.

To interest housewives in using more fish and shellfish in the family diet, the U. S. Bureau of Fisheries has prepared a pamphlet, "Practical Fish Cookery."

WHEAT GRASS SEED YIELD

That proper fertilization will materially increase yields of crested wheat grass seed, in certain sections of eastern Oregon at least, is indicated by preliminary results obtained at the eastern Oregon livestock branch experiment station at Union.

Results there, corroborated by observations made in commercial plantings, show that after the first two or three seed crops, the yield of crested wheat seed decreases rapidly, even though moisture may be plentiful. Where the grass is grown for pasture purposes, supplemental fertilization has not been found necessary, but the crested wheat plant bears such a heavy crop of seed that it uses a great deal of plant food, the experiments show.

The seed yield on a five-year-old stand was doubled by applying an ammoniated phosphate fertilizer on the station plots. One plot treated with an 11-48 fertilizer, that is, containing 11 per cent nitrogen and 48 per cent phosphoric acid, returned a yield of 600 pounds of re-cleaned seed, as compared to the untreated area which yielded 300 pounds. A plot treated with a 16-20 fertilizer yielded only 400 pounds of seed, or one-third more than the check plot, indicating that the phosphorus is the element causing the favorable response, points out Douglas Hand, assistant superintendent of the station.

The fertilizer was applied at the rate of 200 pounds per acre in the spring. It was placed directly beside the rows of grass on or near the surface of the soil. Placing the material close to the rows makes the plant food quickly available to the plants. A one-horse corn planter, adjusted to feed the fertilizer at the desired rate, and equipped with an offset hitch to permit the horse to walk in the middle of the row, proved a convenient means of applying the material.

CO-OP HOSPITAL WINS SKIRMISH

ELK CITY—Dr. Micheal Shadid, chief of the staff of the Farmer's Union Cooperative Hospital here, won the first skirmish with the local medical society and the State Board of Medical Examiners in the latter's attempt to revoke his license to practice, according to word just received by the Bureau of Cooperative Medicine.

The Oklahoma Medical Society wanted the case tried before the State Board of Medical Examiners. The Supreme Court of Oklahoma, however, has handed down a decision refusing to issue a writ of prohibition sought by the Board of Medical Examiners to prohibit the court to show cause why Dr. Shadid's case. As a result of the decision the Board of Medical Examiners will have to go before the district court to show cause why Dr. Shadid's license should be revoked. This decision will take the case out of the hands of the Medical Society.

SWEDEN SETS CO-OP PATTERN

Minneapolis — "Those countries in Europe which are making the most progress in the consumers cooperative movement have the business and educational activities of their cooperatives carried on by one organization," declared E. G. Cort, general manager of Midland Cooperative Wholesale on his return here from a three-month tour of European cooperatives.

Discussing the factors influential in the growth and effectiveness of cooperatives, Mr. Cort said that next in importance to the unit development of the national movements is the close relationship of cooperative wholesale and retail associations. "The confidence of the local co-op in the wholesale or union in which it is a member, is especially significant to us in view of the independent and even isolated nature of many American co-ops."

Mr. Cort pointed particularly to the methods of operation of the Swedish cooperatives which embody the unit plan of operation, maintain complete autonomy of the local retail co-ops and yet have so close a working relationship that the local co-ops deposit funds each day to the credit of the wholesale.

CO-OP HOUSING PROJECTS

WASHINGTON, D. C.—More than 2200 families in New York own and operate their own cooperative apartments, according to a survey of cooperative housing just completed by the Bureau of Labor Statistics of the Department of Labor. The apartments have an appraised value of \$10,293,000.

The development of cooperative housing in the United States has been thus far almost entirely in the apartment-house field; it has been concentrated in greater New York and has been restricted by the large amount of capital necessary for building. These are the findings reported in the November issue of the Monthly Labor Review. Of the 39 projects for which statistics are available, 35 are in Brooklyn, Bronx and Manhattan. Two new projects are being developed in New York, the other two in Wisconsin.

In each of the cooperative housing enterprises each member has one vote; the building was either erected or purchased by the co-op, not by individuals who later form an association—as is the case in a number of so-called cooperatives; and the member does not receive title to any individual apartment but owns shares in the cooperative to the value of the apartment he occupies.

The co-op apartments in New York have been built to meet almost every income level. They range from an 8 apartment dwelling to a twelve-story apartment house with a pent house and an eight-building, 630-apartment project. Most apartments are 2, 3 or 4 rooms. The value of the apartments vary from \$75 to \$700, depending on the location or type, while rentals range from \$4 per room per month to \$12 per room per month with the single exception of one co-op estimating its rental value at \$22 per room per month.

In addition to operating the apartments the co-op associations maintain stores, milk delivery, laundry, electric power, summer camps, classes and recreation.

THREE CO-OP TOURS ARRANGED FOR 1938

NEW YORK — The Cooperative League of the U.S.A. announced this week that it will sponsor three cooperative tours during the summer of 1938. The tour will include trips to visit cooperatives in Europe, Nova Scotia and the Middlewest.

The trip to Cooperative Europe will be the fifth consecutive tour sponsored by the League and as in previous years will visit the democratic countries of Northern Europe.

The Conference Tour of Nova Scotia in 1937 met with such response that two sections of the tour are being planned for this coming summer. Ninety religious, educational co-op leaders visited the Maritime provinces on the tour last year.

The tour of the Midwestern cooperative wholesales now being arranged for this coming summer will be the first comprehensive tour of its kind.

The force of gravity is multiplied a thousand times in a new distillation device described before the American Chemical Society by its inventor, Dr. Walter J. Podbielniak of Chicago.

Paper can be made from corn-stalks but the product would cost more than papers made from wood, according to studies completed at the U. S. Bureau of Standards.

Land Sale Notice.

NOTICE IS HEREBY GIVEN that the undersigned, Sheriff of Umatilla County, Oregon, by virtue of an order duly made and entered herein by the County Court of Umatilla County, Oregon, on the 18th day of November, 1937, will, on the 15th day of January, 1938, at the hour of 10:00 o'clock in the forenoon, sell to the highest bidder for cash in hand, at the front door of the Umatilla County Court House, Pendleton, Oregon, subject to a minimum price of \$30.00 therefor, to be paid in cash, at the time of sale, the following described parcel of land, heretofore by Umatilla County, Oregon, acquired for delinquent taxes, to-wit:

Lots 4, 5, and 6, Block C, First Addition to City of Hermiston, Umatilla County, Oregon.
R. E. GOAD, Sheriff of Umatilla County.
(Dec. 16-Jan. 13)

Alexander Woolcott Broadcasts for Town Crier Christmas Seals



The popular author, critic, and commentator, Alexander Woolcott, who generously donated a radio talk to the 1937 Christmas Seal campaign, is seen above as he made the record that will be used on radio stations throughout the country from Thanksgiving to Christmas.

Outlook Justifies State Participation In New York Fair

Whalen Voices Opinion In Inviting Governor and People to the 1939 Exposition

NEW YORK, (Special).—In a letter of invitation to the governors of 47 states, Grover Whalen, President of the New York World's Fair 1939 Corporation, points out that the commercial consequences of the international exposition under construction in New York City are so great and important that they alone would justify the active participation of every state in the nation.

"Fifty million persons from every walk in life, from every state in the United States, from every country in the world, are expected to attend the Fair," writes Mr. Whalen. "The great American market with its tremendous consumer purchasing power will be represented by these visitors. They will comprise a true cross-section of America."

The World's Fair, according to Mr. Whalen, will be a magnificent spectacle, entertaining and instructive. It will attempt to answer the questions: "What kind of a world have we built? What kind of a world are we building? What kind of a world can we build?" With collateral improvements, it will represent a total investment of more than \$125,000,000 by the Fair Corporation and the governmental, industrial and other participants. The Fair site park is a tract of 121 1/4 acres, almost at the geographical and population centre of New York City.

Construction of buildings and roads, grading, dredging, planting and landscaping are already under way, based upon a schedule which calls for completion of all construction operations before January 1, 1939, to allow four months for final decorations and installation of exhibits preparatory to the opening of the Fair on April 30.

The opening date commemorates the inauguration, on April 30, 1789, of George Washington as the first President of the United States.

In the government area, and near an imposing federal hall to be erected by the United States Government, the Fair will provide a "Hall of States" in which the significant contributions of each state in laying the foundations for the better World of Tomorrow can be proudly displayed, says Mr. Whalen.

Mysterious cases of ivy poisoning, when no contact with plants can be recalled, may be due to drops of the poisonous oil on cattle or other animals touched by the susceptible person.

CLASSIFIED ADS BRING RESULTS

WANT ADS

PRACTICALLY NEW ELECTROUXILR: o c m9 s . lux; oil or electricity. Bert Martin. Inquire Herald office. 18-3tp

FOR SALE—75 PUREBRED HAMPSHIRE ewes; 1 buck and 40 crossbred ewes. Ralph Butler, Willows, (Ewing Station) Ore. 18-1tp

'30 MODEL BUICK TUDOR TO trade for 6 or 8 Jerseys or Guernseys, and will pay the difference. Roy VanArsdale, or W. A. Hineline farm. 18-1tp

FOR TRADE—1 - 1927 Chevrolet Coach; motor just rebored. Connor's Repair Shop. 18-1tp

DOUBLE CONSTRUCTED BARN door, 5x7 with track and rollers, cheap. Inquire Herald. Also light range stove, good as new. 18-1tp

STRAYED TO MY PLACE FIVE ewes, (blind) on December 5th. R. B. McGraw, 6 mi. east of Hermiston. 17-3tp

FOR SALE—9 WEANER PIGS. F. S. Green, Stanfield, 5 mi. N.E. of Stanfield. 16-1tp

WILL TRADE A NO. 1 TEAM, 2900 lbs., sound, fine condition, on good Chevrolet or Ford coupe preferred. A. P. Ayers, Boardman, Ore. 16-3tp

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FURNISHED OR UNFURNISHED apartments for rent at Carter's Apartment house, Katty corner from depot. 17-6tp

FOR SALE — DANDY 10 ACRE home, 1 mile north; 4 rooms, cellar, house for 500 hens, alfalfa, fruit trees, berries, water right, shade. Lewis Pearson, Hermiston. 16-3tp

FOR RENT—FURNISHED APARTMENT for housekeeping; also extra single room. Mrs. Joe Dyer, Hermiston. 16-1tp

REBUILT WATCHES—HAMILTON, Elgin and Walthams. A. W. Behrman, Hermiston, Ore. 16-3tp

FOR SALE—100 ACRE FARM IN Columbia district; 5 acre tract west of community park with flowing well; My 3 acre home, 3-4 mi. south of Farm Bureau. Inquire Dr. A. E. Marble, Hermiston. 16-1tp

NELLIE M. FREDENBURG—SPENCER Corsetiere, 208 South Perkins, Pendleton, Ore., Phone 827-J. 15-6tp

CHESTER WHITE WEANER PIGS for sale. F. N. Clark, Columbia district, half mile east of school house. 15-1tp

FOR SALE—TWO WHEEL TRAILER; 10 tons of hay. Gretchen Purdy, Hermiston. 15-1tp

NOTICE FOR PUBLICATION

No. 028272
Department of the Interior.
U. S. Land Office at The Dalles, Oregon, November 11, 1937.
NOTICE is hereby given that Uriah Edwards, of Hermiston, Oregon, who, on September 13, 1932, made Homestead Entry, Act 6-6-12, No. 028272, for N 1/2 NW 1/4, Section 28, Township 5 N., Range 29 E., Willamette Meridian, has filed notice of intention to make three year Proof, to establish claim to the land above described, before W. J. Warner, U. S. Commissioner, at his office in Hermiston, Oregon, on the 28th day of December, 1937.

Claimant names as witnesses: Chester Hunt, W. Jasper Templeton, Miles Barager, Clyde Hebert, all of Hermiston, Oregon.

W. F. JACKSON, Register.
(Nov. 18-Dec. 16)

It's Easy To Be Mistaken About STOMACH TROUBLE
Stomach sufferers should learn the truth about **ULCERS, GAS, ACID, INDIGESTION**, belching, heartburn, constipation, etc., due to excess acid. **FREE UDG A** Booklet contains facts of interest. The 9th edition, just off the press, may prove your first step to happy stomach comfort! Clip this to remind you to ask for the UDG A Booklet at **THOMPSON'S DRUG STORE**

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