The Boardman Mirror Boardman, Oregon

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THE MILK PROBLEM

Much misleading information is being circulated in regard to what constitutes a safe procedure for handling our most valuable and indispensable food product. It is true the health and very lives of our children are dependent upon an intelligent handling of our milk supplies. Most of this questionable propaganda is circulated by those interested in raw milk distribution. The sole object of this propaganda is to defeat compulsory pasteuriza-The preservation of health and prevention of disease are no given due consideration. Should their propaganda be successful it will mean that Portland will continue to be a fertile field for milk borne epidemics. Most large cities have learned the lesson and have adopted effective legislation pre venting this needless loss and disability. Most of this propaganda is so apparently out of keeping with the facts that it is needless to discuss it with physicians who are in touch with modern milk sanitation. order, however, that you may all form an intelligent opinion the var-

ally unanimous in regard to past eurization: "When we consider our inability to identify the chronic typhoid carrier ,the slightest cases of diphtheria and scarlet fever, and the impossi bility of eliminating in the near fu ture tuberculosis from our dairy herds, we realize that something beyond inspection is required to make safe the general milk supply. Most of us who have studied the ques tion believe that proper pasteruization under rigid inspection is the method by which wholesome milk

ious statements will be discussed in

detail. The statement that health

authorities are not agreed in regard

to pasteurization is absolutely un-

true. The following statement from

Park's latest edition of "Public

Health and Hygiene", page 380

shows that authorities are practic

An inspection of a properly sup ervised and conducted pasteurization plant will demonstrate to your sat isfaction that contamination after pasteurization is next to impossible. The facts in regard to the Chicago epidemic, according to official rec ords show that this epidemic was due to a badly infected milk supply and imperfect pasteurization. official record of the health depart ment on page 1011 states: check up on the dally charts disclos ed the fact that pasteurization had

been done very ineffectively on De cember 17, 19, 24 and 28, 1911. Methods were used that are nov

prohibited."

can be provided."

'The address of W. H. Donnelly, M. D., a pediatrician of Brooklyn. New York, simply represents the opinion of a small group of physicians who insist on disagreeing with the majority. There is no certified milk sold in Portland, and the raw milk sold here falls short of meeting the restrictions of the Medical Milk Commission and the Certified Milk Producers Association. Certified milk costs about ten cents more a quart and is entirely out of the reach of the common consumer.

The era of pasteurization is just beginning and will not pass away any sooner than sterilization in modern hospital procedure. Antisepsis and chemical milk preservation are comparable, but modern pasteurization makes milk safe in the same manner that modern surgery is rendered safe.

There is no reason why standards of cleanliness can not be as easily enforced for pasteurized milk as The bacilthey are for raw milk. lus of tuberculosis is destroyed by proper pasteurization at not less than 142 degrees Fahrenheit, for 30

minutes. "Pasteurization by the holding method between 142 degrees F. and 148 degrees F. for 30 minutes destroys the tubercle bacillus."- Bartlett, Director of Laboratory of the Connecticut State Board of Health, October 1923 number of the American Journal of Public Health. "We are sure that if milk reaches 140 degrees F., and is held for 20 minutes, it will kill tubercle, typhoid, and diphtheria bacilli."—Schorer Rosenau, Journal of Medical Research, V. 26, No. 1.

Hess states in his article on Infantile Scurvy, "Although pasteur-ized milk is to be recommended on account of the security it affords against infection we should realize ft is an incomplete food."

Edward V. McCollom states, "No infant will ever develop scurvy if given orange juice or tomato juice. and the feeding of raw milk is by no means a safeguard against the development of malnutrition.

Hiscock states, "Pasteurization is the only absolute guarantee against infectious diseases in even high

grade milk." Dr. Herman Biggs, Health Officer of the State of New York, made this statement, "Even certified milk is more likely to carry infectious diseases than properly pasteurized

Low temperature pasteurization does not injure the digestibility and nutritive value of milk.

The need for safeguarding the milk supply is amply proved by the number of epidemics in Portland

supply. The problem of pasteurization is not based simply on the question of what is preferable, raw or pasteurized milk, but rather upon a practical way of preventing milk borne diseases Pasteurization today is a well proved and efficient method of combatting milk borne infecdiseases. The application and enforcement of this method is the duty of every municipality.

EXPERIMENT STATION NOTES

(Aphis)

a large scale as in alfalfa fields they may be kiled by using kerosenesoap emulsion on garden crops and in hot water and add one-fourth to one-third as much kerosene water. Apply after thoroughly agi-

FARM LABOR

Investigations by County Agent Morse the past week, into labor that there will be plenty of labor opment. available for farm work during the year, Reports from Portland, Pendieton, and Spokane, indicate plenty

you may send,"

There will be no relaxation of quarantine restrictions auginst Caliinto the state of Oregon until such time as a special committee sent to California to investigate the foot and formal report with the executive department. This was set out in a telegram sent by Governor Pierce in reply to a communication received from H urging that the state of Oregon accept uring that the state of Oregon accept. from California fruits and vegetables produced outside of the infected areas. which are accompanied by certificates from the federal government.

ANY GIRL in trouble may communicate with Ensign Lee of the Sal-Home, 565 Mayfair Ave., Portland,

WANTED-Fresh eggs and chickens. French Cafe. Pendleton. au31tf.

Read the home paper.

that have been traced to the milk Give Plenty of Green Feed to Grow- IRRIGON NEWS ITEMS for next term. He failed to sign up ing Pullets

> H. E. Crosby, Oregon Agricultural college Extension Poultry Spectalist, who is well acquainted with the poultrymen in this district, has just sent out some good advice in ing of gree succulent feed during the summer, and the necessity for feeding pullets a balanced ration. Mr. Crosby states:

"A lack of summer green feed for growing pullets creates a risk which no forward-looking poultry man can This has been an unusually bad afford to take. There is an abundyear for aphis. No small part of the ance of green feed everywhere at poor growth of alfalfa has been due this season, but in a few weeks when to aphis but their natural enemies the pullets are larger and demand and the hot weather are rapidly ov- more greens, many farms are going ercoming them. While it is not to run short. In this section of the practical to control by spraying on state green feed is possible at all seasons of the year, but only poultrymen with the ability to plan ahead are the ones who will have a flowers. Make a thick soap solution supply of succulent feed during the dry summer season.

An abundant supply of succulent green feed, aside from the recognized food values, has the power to offset and in a large measure atone for many of the miserable starvation methods of raising pullets.

The pullets should be fed a balanced ration in such a way that conditions over the state indicates they will maintain a steady devel-Green feed during the growing period is perhaps the mos important phase of all feedings. It is a mistake to feed pullets on a of men for all jobs. A letter from forced ration. The person who brage Arthur W. Jones, of the Public Em- about their pullets laving at four ployment Service, of Portland, this months of age is quite frequently the one who becomes a sub-artist "Replying to yours of May 10, when the pullets go into a fall molt will state that present indications while the eggs are high priced. It is point to plenty of labor in all lines, another mistake to attempt to hold Our applicants for work being great- back the development of pullets by y in excess of the jobs offered. We feeding them a starvation ration in believe that this condition will be an attempt to prevent a fall molt continued over a considerable per- The fall molt is frequently a result od. We shall appreciate any order of mismanagement either during the the growing period or housing time in early fall. It requires good conservative judgment on the part of the owner to so grow a flock of light breed pullets that they will come fornia products offered for shipment into uniform production shortly after they are six months o lage. The average poultry man must study out a feeding system to meet his conditions before falling heir to the mouth disease situation files its other fellow's system, whose conditions may be entirely different.

> Current and gooseberry growers in Oregon whose bushes are affected with leaf spot diseases or anthracnose spray immediately after the crop is harvested. The experiment station recommends spraying with Bordeaux mixture 4-4-50.

Flea beetles and 12 spotted beetes will soon be attacking the leaves of the egg plant. Oregon vegetable growers will profit by dusting with lead arsenate after the plants are vation Army at the White Shield set out, says the experiment station. Bush and pole limes are likewise chewed by the 12 spotted beetles. The station finds that lead arsenate dust applied soon after the first two leaves appear will repel the insect and keep the leaves from being in-

moved since early in February.

Mr. and Mrs. Harold Wadsworth, regard to the production and feed- of California, stopped at Irrigon for a couple of hours last week. They motoring through the country d were headed to see Mr. Merrick Vadsworth at Hot Lake,

Paymond Crowder, editor of the Heamiston Herald was an Irrigon sitor Monday. He called on a number of his subscribers and disussed the many problems of a country editor and assured us that e would cooperate with us in eve ry way possible,

C. K. Overhulse had been employed as principal of the Irrigon school

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Finnia Pekkari, Ilwaco, Wash, hest trouble. Joseph Schuster, Beaverton, Ore.,

Elizabeth Taylor, Baker, Ore., instinal trouble. Mrs. Ernest Lacey, Ironside, Ore.,

eart and nervous trouble. C. J. Minch, Estacado, Ore., kidney and bladder trouble.

Mrs. Henry Baker, Banks, Ore., gall stones and appendicitis. Remember above date, that consultation on this trip will be free and that his treatment is different.

panied by their husbands. Los Angeles, California.

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and Mr. Garfield Orr Lewis, of Tumalo, Oregon, has signed the contract. He comes very highly recommended and we believe fully competent to handle our school.

School closed a very successful year on Friday and two graduated from the high school and four from the eighth grade. Those from the high school were Walter Warner and Mack Watkins; and the four receiving the eighth grade diplomas were Miss Ransier, Russell McCoy, Elra Lamareoux and Otto Benefiel, Prof. E. E. Ressler of the O. A. C. delivered the lecture for the occa-



Denver 64,00 Ormana 67.00 Kenazs City 67.00 St. 1.9uls. 70.50 Chumps 81.00 Detroit 100.02 Cincipmati 101.30 A side trip to Vedewatone at small

Call us by phone and let us make all Your arrangements. It could no more and will save your valuable time. R. S. Davis, Agt.

Boardman, Ore. WM. McMURRRY

NOTICE FOR PUBLICATION

Department of the Interior, U. S. Land Office at The Dalles, Oregon, May 9, 1924.

NOTICE is hereby given that Thomas Y. Miller, of Boardman, Oregon, who, on March 17, 1919, made Homestead Entry, No. 020474, for NE% NW%, being Unit "A" Umatilla Project, Section 14, Township 4 North, Range25, East. Willamette Meridian, has filed notice of intention to make final three year proof, to establish claim to the land above described, before C. G. Blayden, United States Commissioner, at Boardman, Oregon, on the 17th day of June, 1924.

G. E. Brown; E. A. Brown; R. T. Brown; J. F. Gorham, all of Boardman, Oregon.

J. W. DONNELLY, Register.

A. H. SWITZER ATTORNEY AT LAW

Arlington, Oregon

S. E. NOTSON ATTORNEY-AT-LAW

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