

TILLAMOOK HAS 25 CHEESE FACTORIES

Output for Year Will Total 6,091,259 Pounds.

13,300 COWS IN COUNTY

Cleanliness Is Rule and Dairies Are Modern in All Respects.

Herds Always Improving.

Twenty-five cheese factories in Tillamook county are busy turning out daily their quota of cheese to supply the demand of the markets of the east, south and the west.

Tillamook Creamery, the town of Tillamook, last year made 719,683 pounds of cheese, using 6,117,251 pounds of milk, and the financial returns to the creamery amounted to \$231,900.

The cheese factories of Tillamook take the output of a large number of dairies, and the work is done for hundreds of families. Quality is the watchword and cleanliness is the rule.

Cleanliness Is Rule. The cheese factories of Tillamook take the output of a large number of dairies, and the work is done for hundreds of families.

13,300 Cows in County. To insure strict sanitation the county dairy and food commission visits the dairy farms and inspects the barns and milk houses.

All Barns Are Modern. This is an example of the enterprise of the dairy farmer. The Beala dairy farm has a new barn in which several fine Holsteins are kept.

Columbia River Bar Report. NORTH HEAD, Sept. 12.—Condition of the bar at 8 P. M. Steady, wind, south, 22 miles.

DAILY METEOROLOGICAL REPORT. PORTLAND, Sept. 12.—Maximum temperature, 63 degrees; minimum, 54 degrees.

MARKETING BOARD NAMED

SEVENTEEN APPOINTED TO DEVELOP PROGRAMME.

Northwest Falls to Win Representative on Committee; Wishes Will Be Considered.

OREGON AGRICULTURAL COLLEGE, Corvallis, Sept. 12.—(Special.)—The agricultural co-operative marketing committee provided for in the development of a nation-wide programme and a leading feature of the recent tour of the northwest by marketing conference representatives has been appointed.

EXPERIMENTAL FARMS WORKING EFFICIENTLY

Hermiston Station Results Found Peculiar.

FARMERS REALIZE VALUE

Director Completes Survey of State Projects and Prepares Report on Findings.

Results at any other irrigation farming experiment station in the United States are not applicable to the Hermiston project, this state or to the 275,000 acres of similar irrigable lands in Oregon, of which it is a part, according to James T. Jardine, director of the Agricultural Experiment Station.

Good Farming Aim. The Hermiston branch was originally established with the idea of developing a commercial agricultural district of the Umatilla project, he explained.

ASTORIA, Or., Sept. 12.—(Special.)—The steamer "Wolverine" arrived this morning from New York and proceeded to Portland.

STEAMER "WOLVERINE" ARRIVED. The British steamer "Wolverine" arrived this morning from New York and proceeded to Portland.

STEAMER "WOLVERINE" ARRIVED. The British steamer "Wolverine" arrived this morning from New York and proceeded to Portland.

STEAMER "WOLVERINE" ARRIVED. The British steamer "Wolverine" arrived this morning from New York and proceeded to Portland.

STEAMER "WOLVERINE" ARRIVED. The British steamer "Wolverine" arrived this morning from New York and proceeded to Portland.

STEAMER "WOLVERINE" ARRIVED. The British steamer "Wolverine" arrived this morning from New York and proceeded to Portland.

STEAMER "WOLVERINE" ARRIVED. The British steamer "Wolverine" arrived this morning from New York and proceeded to Portland.

STEAMER "WOLVERINE" ARRIVED. The British steamer "Wolverine" arrived this morning from New York and proceeded to Portland.

STEAMER "WOLVERINE" ARRIVED. The British steamer "Wolverine" arrived this morning from New York and proceeded to Portland.

STEAMER "WOLVERINE" ARRIVED. The British steamer "Wolverine" arrived this morning from New York and proceeded to Portland.

STEAMER "WOLVERINE" ARRIVED. The British steamer "Wolverine" arrived this morning from New York and proceeded to Portland.

STEAMER "WOLVERINE" ARRIVED. The British steamer "Wolverine" arrived this morning from New York and proceeded to Portland.

PORTLAND PROTEST SENT U. S. SHIP FOR RANSOM

D'Annunzio Holds Steamer Until Granted Loan.

Mayor Sends Message Declaring Inclusion in Seattle District Is Intolerable.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

Placing of Portland in a separate district, yesterday conferred by the United States shipping board, or transfer from the jurisdiction of the Seattle district to that of San Francisco, is the alternative as the city fathers have decided.

PORTLAND MANUFACTURERS AND JOBBERS

Russwin Builders' Hardware, Plumb's Tools, Village Blacksmith Hand-Made Butcher Knives

WHOLESALE AGENTS. FAILING - McCALMAN CO. 88-90 FRONT STREET.

Specialty Foundry & Machine Works EAST SEVENTH AND MAIN STS.

COMMERCIAL IRON WORKS ENGINEERS—FOUNDERS—MACHINISTS QUOTATIONS GIVEN ON SPECIAL MACHINERY AND CASTINGS REPAIR WORK, GENERAL JOBBING. PHONES E 7212—E 7275. WORKS EAST SEVENTH AND MADISON.

BARRELS AND CASKS And All Kinds of Coopers at Finke Bros. Coopers Works 183 Madison, Near Bridge, Main 6143

L. P. DUEBER Successor to Williams-McClelland. Prompt and thorough attention given to all plumbing, jobbing and repairing. 27 NORTH SIXTEENTH STREET, Near Washington, Bldg. 5886.

J. E. Durham The fender man who takes the links out while you wait. Radiators Also Repaired. 36 N. ELEVENTH ST.

Passenger and Freight Elevators PORTLAND ELEVATOR CO. East Ninth and Mill Streets Portland, Oregon. Phone East 31.

RISE IN PAY PROVES CUT NAVY SHIPYARD SCALE GOES UP FIVE PER CENT. Saturdays Are Half Holidays All Year on Half Day's Pay; Workers Lose \$1.50 Per Week.

SEATTLE, Wash., Sept. 12.—(Special.)—Considerable dissatisfaction has arisen in Puget sound navy yard circles over the so-called 5 per cent wage increase announced recently as a result of deliberations of the board at Washington, D. C.

IRIGATION MAN OBTAINED. Harry Rogers, a highly trained and experienced irrigation and hydraulic engineer, has been selected to head that work at Oregon Agricultural college and aid in the water-power development of the state.

PROTECT YOUR STOCK! From the Torture of Flies. CHILD'S SO-BOS-SO KILFLY. Cows Give 1/2 More Milk with Less Feed when Protected by SO-BOS-SO.

Cuticura Soap Complexions Are Healthy. A Bad Cough. If neglected, often leads to serious trouble. Use Cuticura, it soothes, cures and soothes your irritated throat by taking

PORTLAND MANUFACTURERS AND JOBBERS

Russwin Builders' Hardware, Plumb's Tools, Village Blacksmith Hand-Made Butcher Knives

WHOLESALE AGENTS. FAILING - McCALMAN CO. 88-90 FRONT STREET.

Specialty Foundry & Machine Works EAST SEVENTH AND MAIN STS.

COMMERCIAL IRON WORKS ENGINEERS—FOUNDERS—MACHINISTS QUOTATIONS GIVEN ON SPECIAL MACHINERY AND CASTINGS REPAIR WORK, GENERAL JOBBING. PHONES E 7212—E 7275. WORKS EAST SEVENTH AND MADISON.

BARRELS AND CASKS And All Kinds of Coopers at Finke Bros. Coopers Works 183 Madison, Near Bridge, Main 6143

L. P. DUEBER Successor to Williams-McClelland. Prompt and thorough attention given to all plumbing, jobbing and repairing. 27 NORTH SIXTEENTH STREET, Near Washington, Bldg. 5886.

J. E. Durham The fender man who takes the links out while you wait. Radiators Also Repaired. 36 N. ELEVENTH ST.

Passenger and Freight Elevators PORTLAND ELEVATOR CO. East Ninth and Mill Streets Portland, Oregon. Phone East 31.

RISE IN PAY PROVES CUT NAVY SHIPYARD SCALE GOES UP FIVE PER CENT. Saturdays Are Half Holidays All Year on Half Day's Pay; Workers Lose \$1.50 Per Week.

SEATTLE, Wash., Sept. 12.—(Special.)—Considerable dissatisfaction has arisen in Puget sound navy yard circles over the so-called 5 per cent wage increase announced recently as a result of deliberations of the board at Washington, D. C.

IRIGATION MAN OBTAINED. Harry Rogers, a highly trained and experienced irrigation and hydraulic engineer, has been selected to head that work at Oregon Agricultural college and aid in the water-power development of the state.

PROTECT YOUR STOCK! From the Torture of Flies. CHILD'S SO-BOS-SO KILFLY. Cows Give 1/2 More Milk with Less Feed when Protected by SO-BOS-SO.

Cuticura Soap Complexions Are Healthy. A Bad Cough. If neglected, often leads to serious trouble. Use Cuticura, it soothes, cures and soothes your irritated throat by taking

PORTLAND MANUFACTURERS AND JOBBERS

Russwin Builders' Hardware, Plumb's Tools, Village Blacksmith Hand-Made Butcher Knives

WHOLESALE AGENTS. FAILING - McCALMAN CO. 88-90 FRONT STREET.

Specialty Foundry & Machine Works EAST SEVENTH AND MAIN STS.

COMMERCIAL IRON WORKS ENGINEERS—FOUNDERS—MACHINISTS QUOTATIONS GIVEN ON SPECIAL MACHINERY AND CASTINGS REPAIR WORK, GENERAL JOBBING. PHONES E 7212—E 7275. WORKS EAST SEVENTH AND MADISON.

BARRELS AND CASKS And All Kinds of Coopers at Finke Bros. Coopers Works 183 Madison, Near Bridge, Main 6143

L. P. DUEBER Successor to Williams-McClelland. Prompt and thorough attention given to all plumbing, jobbing and repairing. 27 NORTH SIXTEENTH STREET, Near Washington, Bldg. 5886.

J. E. Durham The fender man who takes the links out while you wait. Radiators Also Repaired. 36 N. ELEVENTH ST.

Passenger and Freight Elevators PORTLAND ELEVATOR CO. East Ninth and Mill Streets Portland, Oregon. Phone East 31.

RISE IN PAY PROVES CUT NAVY SHIPYARD SCALE GOES UP FIVE PER CENT. Saturdays Are Half Holidays All Year on Half Day's Pay; Workers Lose \$1.50 Per Week.

SEATTLE, Wash., Sept. 12.—(Special.)—Considerable dissatisfaction has arisen in Puget sound navy yard circles over the so-called 5 per cent wage increase announced recently as a result of deliberations of the board at Washington, D. C.

IRIGATION MAN OBTAINED. Harry Rogers, a highly trained and experienced irrigation and hydraulic engineer, has been selected to head that work at Oregon Agricultural college and aid in the water-power development of the state.

PROTECT YOUR STOCK! From the Torture of Flies. CHILD'S SO-BOS-SO KILFLY. Cows Give 1/2 More Milk with Less Feed when Protected by SO-BOS-SO.

Cuticura Soap Complexions Are Healthy. A Bad Cough. If neglected, often leads to serious trouble. Use Cuticura, it soothes, cures and soothes your irritated throat by taking

J. L. Austin Sheetmetal Works

Contractors and Constructors of Cornices, Skylights, Steam Tables and General Sheetmetal Work. 385 - 87 East Alder Street EAST 5554.

DO YOU KNOW THE BELMONT BATTERY SHOP

GRAND AVENUE AT BELMONT, IS GIVING THE SORT OF SERVICE THAT PROLONGS THE LIFE OF YOUR BATTERY!

THE PORTLAND CORDAGE CO. Manufacturers of ALL KINDS OF CORDAGE N. 14th and Northrup Sts., Portland, Or.

American Bronze & Brass Works Bronze Signs :: Memorial Tablets Brass, Bronze, Copper and Aluminum Castings PHONE BROADWAY 4115 140 N. FRONT ST., FOOT OF HOYT

J. C. BAYER ROOFING AND SHEET METAL WORK, SKYLIGHTS, METAL CEILING, TANKS. PHONE MAIN 461 204 MARKET STREET

PORTLAND TINWARE SHEET METAL MFG. CO. Wholesale and Retail Manufacturers and Repairers of Tin, Copper and Galvanized Ironware. 47 First St. Bldg. 3444

PHOENIX IRON WORKS 2 1/2 miles Founders, Machinists, Boiler-makers. Repair work given prompt attention. OFFICE AND MACHINERY SHOP COR. HAWTHORNE AND E. 3D. EAST 29. AUT. 211-45

BEAVER BOARD FOR BETTER WALLS AND CEILING. RASMUSSEN & CO. N. E. Cor. Second and Taylor Streets

KNIGHT'S "ROGUE RIVER BRAND" Tomato Catsup. The Oregonian Phone Your Want Ads to Main 7070 Aut. 560-95

HOLLAND - AMERICA LINE NORTH PACIFIC COAST LINE (Joint Service of Holland-America Line and Royal Mail Steam Packet Co.)

OREGON-PACIFIC COMPANY DIRECT PASSENGER SERVICE PORTLAND TO JAPAN AND CHINA S. S. "SEIYO MARU"

AROUND THE WORLD CRUISE New Steamship "Empress of Canada" 22,000 Tons, Great Register MARCH-JUNE 1921

ASTORIA AND WAY POINTS STR. GEORGIANA Round trip daily (except Fridays) leaves Astoria 7:00 P. M. Flavel dock. Fare \$2.00 each. Special 1st class dining service. Direct connection for Seattle and Tacoma. The Starline Transportation Co. Main 1422. 541-52

AUSTRALIA NEW ZEALAND AND SOUTH SEAS Round trip daily (except Fridays) leaves Astoria 7:00 P. M. Flavel dock. Fare \$2.00 each. Special 1st class dining service. Direct connection for Seattle and Tacoma. The Starline Transportation Co. Main 1422. 541-52

ASTORIA ROUTE S. S. "ASTORIAN" 230 P. M. Daily (Except Thursday). FARE \$2.00 including tax. Phone: Main 8065, 511-48

EUROPE TICKETS & MONEY ORDER LIDELL & CLARKE 105 THIRD STREET

TRAVELERS' GUIDE

Rotterdam, Antwerp, London, Liverpool, Hamburg, Havre. FREIGHT ONLY.

SALES WILL TAKE PLACE AS FOLLOWS: S. S. "BERMUDIC" (12,000 tons) will load on September 20, 1920, at Seattle, Wash. S. S. "BERMUDIC" (12,000 tons) will load on October 1, 1920, at Seattle, Wash.

STEAMERS WILL BE REGULARLY FITTED WITH LARGE COOLERS AND REFRIGERATORS for the transportation of fresh fruit, fish, etc.

FOR FREIGHT RATES AND PARTICULARS APPLY TO OREGON-PACIFIC COMPANY, 203 Wilcox Bldg. Phone Main 4562.

TOYO KISEN KAISHA DIRECT PASSENGER SERVICE PORTLAND TO JAPAN AND CHINA S. S. "SEIYO MARU"

AROUND THE WORLD CRUISE New Steamship "Empress of Canada" 22,000 Tons, Great Register MARCH-JUNE 1921

ASTORIA AND WAY POINTS STR. GEORGIANA Round trip daily (except Fridays) leaves Astoria 7:00 P. M. Flavel dock. Fare \$2.00 each. Special 1st class dining service. Direct connection for Seattle and Tacoma. The Starline Transportation Co. Main 1422. 541-52

AUSTRALIA NEW ZEALAND AND SOUTH SEAS Round trip daily (except Fridays) leaves Astoria 7:00 P. M. Flavel dock. Fare \$2.00 each. Special 1st class dining service. Direct connection for Seattle and Tacoma. The Starline Transportation Co. Main 1422. 541-52

ASTORIA ROUTE S. S. "ASTORIAN" 230 P. M. Daily (Except Thursday). FARE \$2.00 including tax. Phone: Main 8065, 511-48

EUROPE TICKETS & MONEY ORDER LIDELL & CLARKE 105 THIRD STREET