

MILKING THE COW.

Things to Think About—The Milker in the White Suit.

An important thing in connection with milking is the condition of the hands and clothes of the milker. The milker should be clean personally and should be required to go about his work in clean clothes. The milking should be done with dry hands. The habit of some milkers of wetting their hands with milk just as they begin is a filthy practice and the cause of much bad milk and poor butter. There is something in the presence of a milker in a white suit that calls for clean work particularly if he is required to keep the suit clean while about his work. Many dairymen require their milkers to be dressed in white.

The same principle is true in regard to whitewash on the interior of the barn. A carefully whitewashed wall shows off cowbells to their disadvantage, and they will usually be removed. There is something out of place if part of a building is kept clean and fresh—as a whitewashed wall, for instance—and other parts are a mire of filth. Whitewashed walls go with clean floors and the two with a white clad milker.—Edwin H. Webster.

Butter Eaters.

Nothing eats up butter faster than discomfort and fear, because they shrink the butter fat and so make their milk, which is steering the butter into the manure pile instead of into the churn, says J. V. Van Nott in Rural New Yorker. Therefore have warm floors and warm stables. A cow cannot run a furnace and a churn with the one feed. Another butter eater is the stanchion. Farmers are very careful to have for themselves warm floors and feather beds, but leave their dutiful cows hanging by the necks in the cruel stocks named stanchions and to get what sleep they can on a frost carpeted floor. Both should be abolished by law as cruelty to animals. We can also class the horns with butter eaters, and the boss cow eats more butter than the farmer's family, for every time she spears the other cow "shrink" goes the butter fat. Her ally is the dog.

Cause of Cow Failure.

Don't let your cow eat her head off. A few cows give 400 pounds of butter fat in a year. A great many give 300 pounds or more, and yet it is a deplorable fact that the average cow does not produce much over 100 pounds in a year. But in a great many instances this failure of the cow to reach a point where she may be considered as a profitable investment is due to the care, or rather to the lack of care, which she receives.—Michigan Farmer.

Raw Milk For Infants.

German clinical evidence indicates that cows' milk used raw is much better than boiled milk for feeding infants affected with gastric or intestinal catarrh.

Feeding the Milk Maker

I cannot understand how any dairy man can get along without a silo. I recently heard one successful dairyman say that if he had built a silo five years earlier he would have easily saved \$1,000. I figure that when you get twenty tons of silage to the acre it is equal to seven tons of the best hay. That ought to settle the question, says a Connecticut dairyman in American Agriculturist.

Wonderful Forage Crops Possible.

It is difficult to understand why the southern dairymen do not raise their feed. The system of dairying that is carried on in the north, if adopted could not fail to be more profitable to the producer and more healthful for the consumer, affirms C. F. Doane in an exchange. The amount of forage that can be raised on an acre of land in most of the southern states is beyond the conception of the northern farmer.

The Pasture a Back Number.

"Nobody but a billionaire can afford a pasture," states Mr. Detrich, as quoted in Farm Journal. "Soiling is the correct idea. Grow the feed and bring it to the cows. Rye, oats and peas, sweet corn, ensilage, hay, etc., are the keynotes of modern farming. The pasture is a back number."

At Calving Time.

At calving time many breeders feed warm bran mash, and some give tepid water for drinking purposes until the cow has regained her normal condition.

Serving the Dairy Cow's Feed.

In England a great deal of attention is given to the preparation of feed for dairy cows. Grain is usually crushed or ground. Chaffing or cutting straw and hay is a very general practice. Roots are usually pulped or sliced.

More Roots to Be Used?

An increased use of roots is being advocated in this country. In Great Britain they are fed to dairy cattle as well as to beef animals, but when feeding them to milk cows the best dairymen take pains to avoid tainting the milk by their use.

Dairy Feeding Well Understood.

I suppose no other question has received more consideration among our farmers in the past twenty-five years than this question of feeding, and the result is the general principles of feeding today are pretty well understood. It has been said, and I think with a good deal of force, that the dairy of the average farmer is better fed than the family of the same farmer.—H. Wing.

Skill in Buying Feed. Skill in buying a food adapted to

QUICK RETURN COLUMNS.

Situations Wanted Advertisements Inserted Twice Without Charge.

HELP WANTED.

CUSTOMS INSPECTORS WANTED.

Ten men over 20, to prepare for positions paying \$75 to \$125 per month; previous experience not necessary; examination May 14th; write at once; E. O. Heynen, 214 1/2 Columbia Bldg. Portland, Ore. 3t

WANTED—MANAGER FOR BRANCH

office we wish to locate here in Astoria; address with references, The Morris Wholesale House, Cincinnati, Ohio. 3-20

WANTED—Girl for general housework;

small family. Enquire at Astorian office.

FOR SALE—ONE LAUNCH SUITABLE

for sailing purposes, \$1000 cash; 10-horse power, Union Gas Engine; engine new, only used 2 months; launch 30 feet long, beam 6-8; hull rebuilt last year.

WANTED—RELIABLE AND ENERGETIC

man to represent the International Correspondent Schools, in Astoria and vicinity; a good opening for a first-class man; salary and expenses; references. Address C. E. Christian, city. 3-12

WANTED—By Chicago wholesale and

mail order house, assistant manager (man or woman) for this country and adjoining territory; salary \$20 and expenses paid weekly; expense money advanced; work pleasant; position permanent; no investment or experience required; spare time valuable; write at once for full particulars and enclose self-addressed envelope. Superintendent, 132 Lake St., Chicago, Ill. 3-23

LADIES EMPLOYED TO DO FANCY

work at home during spare time; no experience required; good pay and steady; address Fancy Work Dept., 1344 Market st., San Francisco. 3-8-1m

FOR SALE.

FOR SALE—NEW BAUS PIANO, EN-

cyclopedia Britannica, 31 volumes; stamp collection, 7000 varieties. 307 9th street. 3-16

THE SHEFFIELD MARINE ENGINE,

gasoline, for fish boats; any speed; best made; right price; in stock; on exhibition; running in salesroom; also Fairbanks-Morse Stationary Gasoline Engines. Fairbanks, Morse & Co., First and Stark streets, Portland, Ore. 3-1-1m

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room house, beautifully ornamental Sycamore street shade trees, 150 feet cement sidewalk and park place, lot terraced, two cement steps, both streets recently improved, grand view, one of the finest central locations in the city. Must sell quick. Enquire 307 Ninth street.

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umn newspaper outfit; complete except press; cheap. Inquire at this office.

NOTICE FOR PROPOSALS.

SEALED PROPOSALS will be received at the office of the Light-House Inspector, Portland, Ore., until 12 o'clock P. M., April 2, 1906, and then opened, for furnishing and delivering fuel and provisions for vessels and stations in the Thirteenth Light-House District for the fiscal year ending June 30, 1907, in accordance with specifications, copies of which, with blank proposals and other information, may be had upon application to Commander, P. J. Werlich, U. S. N., Inspector. 3-14

CHIEF QUARTERMASTER'S OFFICE,

Vancouver Barracks, Wash., February 24, 1906. Sealed proposals, in triplicate, will be received at this office until 11 o'clock a. m., March 23, 1906, and then publicly opened, for furnishing and installing gymnastic apparatus at Fort Columbia, Wash. Full information will be furnished on application to this office, and at the office of the Quartermaster, Fort Columbia, Wash. The United States reserves the right to accept or reject any or all bids or any part thereof. Envelopes containing proposals should be indorsed: "Proposals for gymnastic apparatus, Fort Columbia, Wash.," and addressed to the Chief Quartermaster, Vancouver Barracks, Wash.

your use that is relatively cheap in your own locality is a question of great importance.

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The Troy Laundry

The only white labor laundry in the city. Does the best work at reasonable prices and is in every way worthy of your patronage.

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Cord wood, mill wood, box wood, any kind of wood at lowest prices. Kelly, the transfer man. Phone 2191 Main, Barn on Twelfth, opposite opera house.

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Finest Hotel in the Northwest

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CITY ADVERTISEMENTS.

NOTICE.

Resolution introduced by Councilman

Be it resolved by the Common Council of the City of Astoria, That said Council hereby declares its determination and intention to improve Bond Street from the west line of Sixth Street to the west line of McClure's Astoria in that part of the City of Astoria as laid out and recorded by John McClure and extended by Cyrus Olney.

Said improvement shall consist of removing all the old stringers, sidewalks and plank and grading the street to the established grade to the full width thereof, except the portion where wooden sidewalks are constructed, and at such places the street shall be graded from curb to curb to the established grade, or to the sub grade so that when the street is improved it will be on the established grade. New sidewalks shall be constructed on both sides of the street and on the south side of the street from the west line of Fifth Street to the west line of McClure's Astoria and on the north side of said street from the

east line of Third Street to the east line of Third Street the sidewalks shall be cement sidewalks five feet wide and a two-foot park space between the sidewalk and the curb and a park space of one foot between the inside edge of the sidewalk and the property line, and on the remaining portion of the street the sidewalks shall be wooden sidewalks constructed of decking two inches in thickness. Gutters shall be constructed on both sides of the street and catch basins connecting with sewers shall be constructed in each corner and all springs and seapages shall be taken up by filling drains and lead into the gutters.

From curb to curb the street shall be macadamized or filled in with crushed rock to the depth of nine inches when thoroughly rolled and each layer of three inches shall be well rolled.

In matters of detail and improvement shall be constructed according to the plans and specifications therefor to be prepared by the City Surveyor as hereinafter provided.

That the costs and expenses of constructing said improvement shall be defrayed by special assessment upon the lots, lands and premises benefited by said lots, lands and premises as follows: Lots 1, 2, 3 and 4 in each of blocks 12, 18, 19, 20, and 21, and lots numbered 5, 6, 7 and 8 in each of blocks 12, 13, 14, 15 and 16, all in that part of the City of Astoria, as laid out and recorded by John McClure and extended by Cyrus Olney in Clatsop county Oregon. OLOF ANDERSON, Auditor and Police Judge of the City. 3-20

NOTICE.

Notice is hereby given, that the Common Council of the City of Astoria has declared its determination and intention to re-establish the grade on Irving Avenue from east line of Twenty-fifth Street to the west line of Twenty-eighth Street, so that said grade when so re-established will be at the following elevation upon the basis of the grades as established by ordinance No. 71 of the City of Astoria, to wit:

At the east line of Twenty-fifth Street at 232 feet above the basis of grades; at the west line, and also the east line of Twenty-sixth Street at 256 feet above the basis of grades; at the west, and also east line of Twenty-seventh Street at 248 feet above the basis of grades; at the west line of Twenty-eighth Street at 256 feet above basis of grades as now established.

That between said basis above designated, the street shall be on a gradual slope, and the same shall be level from north to south.

OLOF ANDERSON, Auditor and Police Judge of the City. 3-20

NOTICE.

Notice is hereby given, that the Common Council of the City of Astoria, has declared its intention and determination of constructing a sewer on Eighteenth Street from a point of fifteen feet south of the north line of Grande Avenue, to the north line of Exchange Street.

From said point 15 feet south of the north line of Grande Avenue, to the point 50 feet south of the south line of Franklin Avenue, the sewer shall be constructed of twelve-inch vitrified sewer pipe, laid 10 feet below the grade of the street, and from said point 50 feet south of the south line of Franklin Avenue, to the north line of Exchange Street, the sewer shall be constructed of a wooden box 12 inches by 14 inches inside measurement, and of three-inch lumber, and shall be well fastened to the underpinning of the street.

In matters of detail, said sewer shall be constructed according to the plans and specifications therefore to be prepared by the City Surveyor.

That at said point 15 feet south of the north line of Grande Avenue there shall be constructed a brick manhole into which the various cracks and box drains shall be lead. The costs and expenses of constructing said sewer shall be defrayed by special assessment upon the lots, lands and premises benefited by the same, which are described as follows:

Lots 6, 7, 8 and 9 of block 13; lots 1, 2, 3, 4, 5, 8, 9, 10, 11 and 12 in block 14; lots 4, 5 and 6 in block 24; lots 1, 2, 3 and 4 of block 23; lots 6 and 7 of block 11; lots 1, 9, 10, 11 and 12 of block 112, all in that part of the town of Astoria (now city), as laid out and recorded by John M. Shively in Clatsop county, State of Oregon.

OLOF ANDERSON, Auditor and Police Judge of the City. 3-20

TREASURER'S NOTICE.

There is money in the city treasury to pay all warrants indorsed from the 8th day of March to the 16th day of May both inclusive. Interest will cease after this date.

THOMAS DEALEY, City Treasurer. Astoria, Ore., March 8, 1906. 3-20.

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