Dairy and Creamery

Washing the churn is something we cannot be too particular about, says Farm and Live Stock Journal. First rinse out in clean cold water, then wash in hot water and scald thoroughly. If you have a dash in your churn take it all apart and see that it is well scalded and then dry. Keep your churn in a clean, dry place. Don't let it stand dirty any longer than possible after it is used. All milk utensils should be rinsed in cold water, then washed in hot water and scalded. Don't use soap. A little soda is better and will help to sweeten them and remove all odors. Have cloths and towels on purpose for that and see that they are kept clean and pure. We notice where there is complaint about butter not gathering in cold weather it is mostly because the cream is too cold when churned. An engineer without water or a steam gauge on his engine is no worse off than a dairyman without a thermometer. Keep your cream well stirred. No unnecessary delay should be allowed between the process of handling the cream and making the butter.

The women of the farm should assert their rights and have the improved methods of caring for milk and butter and thus have a desirable article to sell which has not cost so much labor to produce. It is said butter costs from 11 to 30 cents per pound. We should manage our ways so our butter will not cost so much, and that is by introducing better cows, feeding better and employing better methods throughout the work. A noted writer says there are four C's to look after sharply in successful dairying. They are cows, care, comfort and cleanliness. After a careful study and as a result of many experiments the dairy department of the Ontario Agricultural college announces that the question of the care of milk may be boiled down to two simple propositions:

First.—The milk must be clean.

Second.—The milk must be cool.

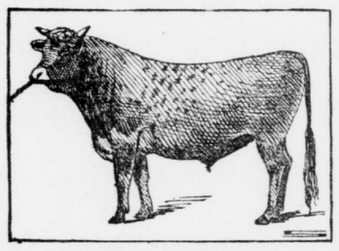
So far as the care of the milk is concerned cleanliness and cold are the two C's which spell the greatest success in this connection.

Crossing Holsteins and Jerseys.

The records of such crosses do not seem to indicate success. Professor Haecker records the case of Topsy I., a Holstein-Friesian cow that made a good record in both yield and butter fat. She was bred to a Jersey bull, and the offspring, Topsy II., proved to be a small milker, falling in yield below the Jersey cows on her sire's side and falling in butter fat below the percentage of her Holstein-Friesian dam. The likelihood of combining in such crosses both heavy yield and high butter fat is very remote. Don't try such crosses. Put on Jersey or Guernsey cows for high fat percentage and medium yield and put on Holstein-Friesians for medium fat percentage and high yield. Don't mix the breeds; mix their milk.—New York Farmer.

A Fine Jersey Bull.

The handsome Jersey bull King's University Lad, whose portrait is here



KING'S UNIVERSITY LAD.

reproduced from Hoard's Dairyman, is owned by the Ohio State university. The photograph was taken when the animal was twenty-six months old.

Care of Cows In Winter.

See that the cows are comfortable and contented, and never give them an outing at the expense of comfort. Feed mornings and evenings. They should all be in their stalls by 11 o'clock, and from that time until 3 they should not be disturbed. They are in better condition for digesting food and secreting milk when quietly at rest in stall and chewing the cud than when wandering about the yard waiting to be let into the stable. Too much stress has been placed upon feeding a so called balanced ration, the kind and combination of feeds, and too little upon the comfort of the cow, gentle treatment and strict regularity.—Farm and Live Stock Journal.

Sheaf Oats For Cows.

Sheaf oats are not considered good feed for dairy cows, not that they will dry the cows up, but because the cows do not grind them well, says Hoard's Dairyman. If the faeces of an animal fed on sheaf oats or whole oats are examined a great number of whole oats will be found. This indicates a wasteful system of feeding and one that should not be followed unless it is impossible to grind the grain.

Head of the Dairy Herd.

Crossbred sires should never be used, as they are very likely to reproduce the worst faults of both families. By using a pure bull an inferior herd will be vastly improved in a few years. It is not sufficient, however, to have purity of blood alone, for the bull's ancestors must have been good butter producers.

Salt the Cattle.

Salting cows regularly has much to do with the ease or difficulty with which butter will come. Let them have access to salt at all times.

FALL CARE OF COWS.

Value of the Silo In Helping Out Short Pastures.

It is too late now to think of growing anything this year to help out short pastures, says an Iowa farmer in American Agriculturist. Farmers must learn to plan six or nine months ahead. But if short pastures do come the farmer can cut up field or sweet corn and do some soiling. While that is hard work and takes too much time, it is better than to let a good herd run dry. A milk flow lost is practically gone for the year. The best way, of course, is to have the cows dry during the hot months. But that is not always possible. Silage is the cheapest feed to supplement short pastures, but those who have none must do something else.

About the only relief for the man who has not planned to have feed for just this very time is for him to feed some grain at the barn or cut up green clover, sweet corn or field corn.

One of the most noticeable things on most every farm is the poor condition of the pasture. Men who do not feed silage in winter are in a hurry to get the cows on grass. Cattle are hungry for succulent feed, and they manage to keep the grass short from the very start. This causes the grass crop to be short at the season when it is not making growth, and, as a result, the cows half starve. When fall rains revive the dormant grass, the cows are poor. It takes all the fall to get them back into condition again. It does not pay to overstock or to rush cattle on spring pastures before they can support the herd nicely. This is a strong argument in favor of the silo for both winter and summer feeding.

Wintering the Cow.

The idea that milk cows should not be fattened during the summer and fall looks well in print, but the writer is of the opinion that the cow should be allowed to lay on enough flesh during these seasons to enable her to exist comfortably during the winter. A cow that starts in against a 20 degrees below winter in poor flesh rarely amounts to anything in the winter or spring and early summer, when she is trying to regain what she lost during the winter. Let her lay on enough flesh to carry her through the winter in good shape and she will not only pay you well then, but in the early spring she will be in a condition to start out on a profitable career.—Chicago Record-Herald.

A Popular Cattle Lick.

For stocks in pastures a cattle lick much favored by the stockmen of Australia and New Zealand as a means of promoting the general health of the cattle is made as follows: Twenty pounds of salt, twenty pounds of lime, twenty pounds of superphosphate of lime and one and a half pounds of sulphate of iron, mixed and placed in a box protected from the weather.

FEEDING FOR PROFIT

The nearer we can keep the feed within the farm crop the more money we will make. The basal ration should be farm grains, of which oats are the best milk feed. Gluten feed and meal and linseed and cottonseed meals should be fed very sparingly on account of price. Protein, however, is generally the cheapest in the feeds containing a high per cent of this important nutrient.—Professor T. L. Haecker.

Rye and Wheat as Soiling Crops.

At the Maryland experiment station green rye and green wheat were fed to twenty-one cows in successive periods of fifteen days each, and notwithstanding the tendency to decrease in yield due to advancing lactation the results showed an average daily gain of one pound of milk per cow during the latter period. Wheat is therefore believed to be more valuable than rye as a soiling crop.

Turnips as Dairy Feed.

The objectionable part of a winter turnip as a feed for dairy cows is in the top portion, which is exposed to the weather. If this is cut off it is good for dry stock. The remaining lower part of the bulb will not flavor the milk or butter. Parsnips, carrots and certain kinds of beets, which are so easily grown, are far superior to turnips and will make a favorable showing in the net returns of a dairy where abundance of good, wholesome milk is an object.—Cor. Country Gentleman.

Winter Pasture For Cows.

One of my neighbors attributes the fine color of his winter butter and the thrifty look of his chickens to a small patch of rye or barley which he grows for winter pasture, writes a Kentucky farmer in American Agriculturist. This is sown early enough to be ready for grazing by February. He began with one and a quarter acres, but finally increased to fifteen acres. His poultry runs on it a large portion of each day and the cattle in the mornings when the ground is frozen. The advantage shows in the appearance of the poultry and stock, as well as in the additional milk and eggs.

Change of Pasture.

German tests show that changing cows from poor to good pasture caused a sudden increase in the yield of milk, but the composition of the milk was not influenced.

Green and Dry Fodder.

Animals should be fed highly during the larger part of the period of lactation. Food is of value in proportion to the amount digested and assimilated. Digestion experiments show that green fodders are no better digested than are the same fodders when dried without loss of leaves.—Holstein-Friesian Register.

LAST CALL

Only Six More Days

Thursday, November 30

Will be the last day of our Closing Out Sale. December First our entire stock and fixtures will be moved to Hover, Benton County, Wash. Avail yourself of this last opportunity to buy New Merchandise AT LESS THAN COST :: ::

THE NEW STORE

Hawk and Weasel.

A New Zealand paper relates that a settler noticed a hawk flying about in a peculiar manner and crying out as if in pain. The settler obtained a gun and shot the bird, and investigation showed the cause of its distress was a weasel which was perched on the hawk's back, with its teeth buried in the bird's neck. Apparently the animal had pounced upon the hawk when it was on the ground and was carried skyward with the flight of its prey.

"Smart" London Manners.

A fashionable crowd is almost invariably bad tempered. People jostle each other vindictively and preserve a stony, icy glare the whole time. A man at a dance seeking his partner in the crush will not hesitate to push past women in a way that would probably shock his barbarian ancestors.—London Lady.

I know of no real worth but that tranquil firmness which braves dangers without rashness.—Stanislaus.

Bilious Attack Quickly Cured.

A few weeks ago I had a bilious attack that was so severe I was not able to go to the office for two days. Failing to get relief from my family physician's treatment, I took three of Chamberlain's Stomach and Liver Tablets and the next day I felt like a new man.—H. C. Bailey, Editor of the News, Chapin, S. C. These Tablets are for sale by the Elk Drug Store.

Wanted—Girl for general housework Inquire of Mrs. Leon Kuhn, Colfax.

Poultry supplies of all kinds at Moore'e.

Big Auction Sale

Horses, Harness and Farm Machinery

At my farm 7 miles east of Calfax and 3 miles west of Albion, on

Tuesday, Nov. 28, 1905

The following described property: 25 head of A No. 1 work horses; 10 colts from 1 to 3 years old: 75 head of stock cattle: 90 head hogs; 14 foot McCormick header; 1 8-foot Deering binder, new; 1 5-foot Hodge mower; 1 10-foot Hodge rake; 1 double disc drill, new; 2 spring tooth seeders, 6 full truck wagons; 1 spring wagon; 1 buggy, new; 1 hack; 3 gang plows; 1 16-foot harrow; 2 walking plows; 1 riding cultivator; 2 small cultivators; 1 garden cultivator; 1 garden seeder; 2 lawn mowers; 1 Carley chop mill; 1 fanning mill; 1 root cutter; 1 bone cutter; 1 set buggy harness; 1 set hack harness; 12 sets work harness; 1 thrashing outfit complete for headed grain; 1 thrashing outfit complete for bundles; 1 J. I. Case separator; 1 Magra-Pitts separator; 1 blacksmithing outfit complete; 2 large incubators and brooders; also, a complete outfit of singletrees, doubletrees, pitch forks, shovels and other articles too numerous to mention.

TERMS—All sums of $20 or less to be cash; all sums above $20 time will be given until Oct. 1, 1906, on notes of approved security, at rate of 10 per cent; 2 per cent off for cash.

Sale to begin at 10 o'clock a.m. sharp.

Free Lunch Will Be Served

Geo. Howell.

HIRAM MITCHELL, Auctioneer.

Sheriff's Sale of Real Estate.

By virtue of an execution, issued out of the superior court of the state of Washington, in and for the county of Spokane, holding as aforesaid in said state, and to me directed and delivered, for a judgment rendered in said court at Spokane on the 8th day of September, 1905, in favor of Russell and Company, a corporation, plaintiff, and against T. J. Harrison and Margret A. Harrison, defendants, for the sum of $889.00, with interest at the rate of 6 per cent per annum from said 8th day of September 1905, amounting to $7.15, and the further sum of $——, attorney's fees, and $96.65 costs of suit, total sum amounting to $992 80, I have levied on the following described real estate, to-wit: Lot six (6) block nineteen (19) of the town of Pullman, Whitman county, Washington, and lots four (4) and five (5) of block eleven (11) Reaney's second addition to Pullman, Whitman county, Washington, situated, lying and being in Whitman county, Washington.

Notice is hereby given that on Saturday the 2nd day of December, 1905, at the hour of 1 o'clock p m. of said day, at the court house door, in Colfax in the county of Whitman, said state, I will sell all the right, title and interest of the said T. J. Harrison and Margret A. Harrison, defendants, in and to the above described real estate, at public auction, to the highest and best bidder, to satisfy said execution and all costs.

Given under my hand this 27th day of October, 1905. JOSEPH CANUTT, Sheriff of Whitman County, Washington.

Notice to Creditors.

Notice is hereby given by the undersigned, administrator of the estate of Fannie L. Skaife, deceased, to the creditors of, and all persons having claims against the said deceased, or said estate, to exhibit them, with the necessary vouchers, within one year after the first publication of this notice, to said administrator, at his office in Colfax, said Whitman county. ROBERT J. SKAIFE, Administrator of the estate of Fannie L. Skaife, deceased.

Date of first publication Nov. 17th, 1905.

Summons.

In the superior court of the state of Washington, in and for Whitman county.

Peter McGregor, Archibald McGregor and John McGregor, plaintiffs vs R. S. Browne and Marion W. Browne, defendants.

State of Washington, County of Whitman—ss.

The state of Washington, to the said R. S. Browne and Marion W. Browne, defendants: You are hereby summoned and required to appear in the superior court of the state of Washington, in and for Whitman county, within sixty days after the date of the first publication of this summons, to-wit: within sixty days after the 24th day of November 1905, and defend the above entitled action in the above entitled court, and answer the complaint of the plaintiffs in said action, and serve a copy of your said answer on J. N. Pickrell, the undersigned, attorney for plaintiffs, at his office in Colfax, in the county of Whitman, state of Washington, and if you fail to appear and defend said action and answer the complaint of the plaintiffs aforesaid, within the time aforesaid judgment will be rendered against you, according to the demand of the said complaint which has been filed with the clerk of said court. The object o the above entitled action is to quiet the title to fifty feet off of the west end of lots seven (7) and eight (8) in block (9) nine of the town (now city) of Pullman, situated and being in Whitman county, state of Washington in which the defendants claim an interest adverse to plaintiff.

Dated Nov. 18th, 1905.

J. N. PICKRELL, Plaintiff's Attorney.

Postoffice address, Colfax, Whitman County, Washington

Bankrupt's Petition for Discharge

In the district court for the eastern district of Washington, of the United States, eastern division.

In the matter of George W. Thompson, bankrupt.

In bankruptcy.

To the Honorable Edward Whitson, judge of the district court of the United States for the district of Washington, eastern division:

George W. Thompson of Colfax, in the county of Whitman, state of Washington, in the said district, respectfully represents that on the 2nd day of December, 1905, he filed in this court his petition and schedules to be declared a bankrupt and was thereupon duly adjudged a bankrupt under the Act of Congress relating to bankrupts, that he has duly surrendered all his property, and rights to property, and has fully complied with all the requirements of said acts and orders of the court touching his bankruptcy.

Wherefore he prays that he may be decreed by the court to have a full discharge from all debts provable against his estate under said bankrupt acts, except such debts as are excepted by law from such discharge.

Dated this 14th day of November, A. D. 1905.

GEORGE W. THOMPSON, Bankrupt.

ORDER OF NOTICE THEREON

United States of America } ss:
District of Washington }

Now on this 16th day of November A. D. 1905, on reading the foregoing petition, it is ordered by the court, that a hearing be had upon the same on the 22d day of December, 1905, before Honorable J. T. Brown, special referee herein at Colfax, in said district, at 10 o'clock in the forenoon; and that notice thereof be published in the Colfax Gazette, a newspaper published in said district, and that all known creditors or other persons interested may appear at the said time and place and show cause, if any they may have, why the prayer in said petition should not be granted.

And it is further ordered by the court, that the clerk shall send by mail to all known creditors copies of said petition and this order, addressed to them at their places of residence as stated in the schedules.

Witness the Honorable Edward Whitson, judge of the said court, and the seal thereof at Spokane, in said district, on this 16th day of November, A. D. 1905.

W. H. HARE, Clerk.

[SEAL] Enter: EDWARD WHITSON, Judge.

Notice for Publication.

Robert E. Lee Prater

Department of the Interior, Land Office at Walla Walla, Wash., November 21, 1905.—Notice is hereby given that the following-named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before William A. Inman, U. S. Commissioner, at his office at Colfax, Wash., on January 15, 1906, viz: Robert E. Lee Prater who made H. E. No. 7704 for the NE¼ Sec. 25, Twp. 16 N., R 44 E., W. M. He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: Jarard Clark, Michael C Lynch, Alexander Lynch, George Miller, all of Albion, Washington.

J. L. MOHUNDRO, Register.

Estray Sale.

Notice is hereby given, that J. E. Clemens on the 20th day of Oct., 1905, took up and now keeps at his farm 5½ mile s NE of Canyon, Wash., the following estray horses,

One horse, age 8 years, color gray, branded blotch on left shoulder, no ear marks, other identification marks, wt. 800.

One horse, age 2 years, color black, no brands visible, no ear marks, other identification marks, wt. 500 lbs, bald face, hind feet white.

Said estrays will be sold to the highest bidder for cash at the place kept, as above specified, on Saturday, the 2nd day of December, 1905, at the hour of 2 o'clock in the afternoon of said day, unless the owner thereof, or his legal representative, shall appear prior to that time, and make out his title and pay all charges against said estray.

Date of first publication of this notice, Nov. 17, 1905. H H. WHEELER, Auditor of Whitman County. By MAUD L. MARSH, Deputy.

Cattle for Sale.

Cheap—Bunch of 27 head, consisting of cows, yearlings and spring calves; at the Isaac Knight ranch, Colfax.

Larue & O'Neal, Real Estate.

WONDER-GARLAND

For SOFT COAL.

GARLAND STOVES AND RANGES "The World's Best"

Greatest Soft Coal Heater ever made.

Operation fully guaranteed in every respect.

SELF-FEEDING

Smokeless Sootless

Unusually large mica illumination

Double-Heater attachment for heating room up-stairs. Cost of fuel less than ten cents for twenty-four hours.

Stove can be seen in operation at store of

BARROLL & MOHNEY

COLFAX, WASHINGTON

Application No. 2916, 2931 and 3071.

Notice of Sale of School Lands.

Notice is hereby given that on the 23rd day of December, 1905, at the hour of 10 o'clock in the forenoon, on said day, at the door of the court house in Whitman county, Washington, the following described school land will be sold at public auction to the highest bidder therefor, to-wit:

No 2916—The NE ¼ of Sec 16, Twp 18, Range 43, E. W. M., appraised at $5600.00. Improvements appraised at $1639.00

No. 2931—The SE¼ of Sec. 16, Twp. 18, Range 43, E. W. M., appraised at $5600.00. Improvements appraised at $1422 00.

No. 3071—The NW ¼ of Sec. 16, Twp 18. Range 39 E. W. M., appraised at $3200.00. Improvements appraised at $130 00

The SW¼ of Sec. 16, Twp. 18, Range 39, E. W. M., appraised at $3200.00. Improvements appraised at $255 00.

N ½ of NE¼ Sec 16, Twp 18, Range 39, E.W.M., appraised at $1600 00. No improvements.

SW ¼ of NE¼ Sec 16, Twp 18, Range 39, E.W. M., appraised at $800.00. No improvements.

NW¼ of SE¼ Sec 16, Twp 18, Range 39 E.W.M, appraised at $800.00. No improvements.

Said school land will be sold for not less than the appraised value and subject to the improvements situated thereon, and as appraised by the Board of State Land Commissioners in the manner provided by law, a statement of which is now on file in the office of the auditor of said county.

Terms of sale are: Under contract, one-tenth to be paid on the day of sale, and one-tenth annually thereafter on the first day of March of each year, with accrued interest on deferred balance at 6 per cent. per annum: Provided, that any purchaser may make full payment at any time and obtain a deed.

The purchaser of such land will be required to pay at the time of sale the appraised value of any improvements or valuable materials on such land in full, in addition to the one-tenth of the sale price.

The above described school lands are offered for sale by virtue of an order of the Board of State Land Commissioners, made on the 3rd day of Nov., 1905, duly certified and on file in office of said county auditor.

H. H. WHEELER, County Auditor.

Dated at Colfax, Wash., this 18th day of November, 1905.

Learn Now to Play the

VIOLIN, MANEOLIN OR GUITAR

More Pupils Wanted

Lessons private and you may begin any time on your course

COLFAX MUSIC STUDIO

Permanently Located.

To Introduce

STANDARD STOCK FOOD

25 POUND PAILS FOR $2.50. ONE WEEK ONLY

The Standard Stock Remedies are the best made. Sold only at

STUART'S DRUG STORE

Candies for Thanksgiving.

All lovers of confections (who isn't one?) are hereby apprised of the fact that our peppermint drops, cream chocolates and other candies are made daily. To get you acquainted with our sweets, for Thanksgiving trade, we offer a pound parcel of Thanksgiving Bon Bons for 50 cents. Never was anything better for the money.

POTEET'S

Colfax, Wash.

South End Bakery

Phone Red 561

Bread, Pies, Cakes, Cookies of all kinds.

We run our own delivery wagon, and if you wish anything in our line ring us up and we will do the rest.

J. W. CAIRNS,

Express and Drayman

Will haul your freight or move your goods and chattels

PROMPTLY—CAREFULLY

THE KLONDIKE BARN

ALBION, WASH.

Livery, Feed and Sale Stable

Horses cared for by the day, week or month. Livery rigs on short notice. Special attention to traveling men. E. A. STOVER, Prop.