



Feeding the Calf

That many dairy calves develop into unprofitable cows is little wonder when one considers the poor care which a large share of them receive.

No matter how calves are to be reared later on the first food taken should be the dam's milk commonly known as colostrum.

Oil meal gruel is easily made by pouring from six to ten parts of hot water over one part of meal and allow the mixture to cook until cool enough to feed.

From the time it is six weeks old ground oats with the hulls removed should be kept constantly before the calf and a little dry feed sprinkled in the pails after the milk is drunk.

In sections where intensive farming is in operation soiling is credited with increasing the production of milk 100 per cent by the fact that more animals may be kept and the individual production greatly increased.

During the early part of the pasture season the grass is usually capable of supplying the cows for one month or a month and a half.

Following the clover grain crops will be next class fit for use among the combinations for soiling as combinations are always more reliable than single grains one consisting of 1 bushel peas and 2 bushels oats has always given satisfactory results.

Wearing of calves is sometimes accompanied by loss of flesh. This is usually due to too sudden a change. If the milk allowance is diluted with water gradually and the calf taught to eat concentrates the deprivation of milk will not be borne with falling results.

Artistic miniature bridges have been placed on the lamp-posts in Rio de Janeiro, Calif., in order to bring out clearly the meaning of the name of the city.

Soiling for Dairy Cow

In sections where the dairy cow is the most prominent source of revenue the question of soiling or growing green crops for feeding during the summer months is of importance.

By a complete system the herd will depend on the crops grown and fed in the stall and will need sufficient acreage to ensure proper daily exercise.

Partial soiling is an important part of a reliable system of dairying. To realize its value to observe that it is an effective practical way of supplementing the pastures during the dry part of the summer season.

Soiling will enable the dairyman to grow more food per acre than any other system. Where pasturing is the full practice the first injury comes from the animal's eating off the young plants before they have attained substance or strength.

Then the cows may be kept in much better condition when there is an abundance of green food to be fed at the discretion of the feeder rather than depend on the season and soil to furnish sufficient pasture grass.

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Poultry Manure

Fresh poultry manure has approximately twice the fertilizing value of cattle manure, if a comparison of the two products based upon their nitrogen content.

Several methods have been suggested for retarding this nitrogen. They consist in mixing with the excrement either an absorbing substance of an acid compound which will chemically combine with the ammonia as fast as it is formed.

From the standpoint of the mechanical condition, the mixture with land plaster gives the least desirable product, although the addition of sawdust aids materially in preventing the formation of hard cakes.

When the manure is to be kept only a few days before applying, good results may be obtained with dry loam or peat as an absorbent.

The difficulties experienced in spreading poultry manure on account of its sticky consistency, may be obviated by mixing with loam, peat or common stable manure.

The admixture of wood ashes is not advised, since decomposition is sufficiently rapid without their use.

As this is one of the reliable winter foods it can be fed continuously after August 20th, if practicable. Corn is one of the reliable crops for feeding as a substitute for or with roots.

In judging the advisability of adopting such a system as compared with maintaining the herd on pasture the following comparison of the yield per acre for each crop will be of value.

Pasture 1 to 3 acres will feed 1 cow for 5 mos., or 150 days; 1 to 3 acres will feed 10 cows for 15 days.

Clover (tons green fodder per acre): 1-3 sq. rd., will feed 1 cow 1 day; 1 day; 1 acre will feed 1 cow 236 days; 1 acre will feed 10 cows for 1 month.

Corn (20 tons green fodder per acre): 1-3 sq. rd., will feed 1 cow for 1 day; 1 acre will feed 1 cow for 570 days; 1 acre will feed 10 cows for 2 mos.

Roots (30 tons per acre): 2-3 sq. rd., will feed 1 cow for 1 day; 1 acre will feed 1 cow for 856 days; 1 acre will feed 10 cows for 2 1/2 mos.

The comparison of these same crops would be changed if the average yield per acre of any district was different from the figures given. The daily consumption of the average cow is 70 lbs. green fodder, from which we can readily judge the economy of growing and feeding the crops that supply food for the longest time.

Slimy Milk

Ropy or slimy milk is caused by fermentation which acts upon the casein of the milk, giving it the slimy appearance. The feed is not necessarily the cause of this condition.

"Father," said little Herbert, "why doesn't mother travel with the circus?" "What could she do with a circus?" "She might be the strong woman. I heard her tellin' grandma, this morning, that she could wind you around her little finger!"



Will kill every fly in your house and store. All you have to do is to get the flies to the Pads.

Directions in each packet show how to do this.

Plan for a Larger Milk Yield

What virtue is there in heredity when it comes to abundant milk production per cow? Many a dairyman notices a cow is good, her helpers may turn out to be good milkers, sometimes they do not.

It has been noted many a time that the cows bred to a particular bull have dropped good milking progeny; that bull came from good milking ancestry. There is the virtue of heredity worth thousands of dollars to our dairymen.

Every dairyman who is doing anything at testing his individual cows, and all progressive dairymen appreciate the far reaching benefits of such study, knows that it would be worth at least 1,200 pounds of milk extra per cow to secure the right bull.

Waste Places

There are odd corners and waste places on the farm that can scarcely be put to better use than the growing of trees for wood and timber and it would be wise to encourage the growth of trees on such places.

Should be borne in mind that each of the absorbents suggested is in itself of value as a fertilizer; the least valuable being sawdust. Consequently the requirements of the soil should govern to some extent the choice of the absorbent used.

In making buttonholes in stuff that raves easily, mark the buttonhole and stitch around it before cutting. Should the bristles of your hair brush turn soft try the following: Wash the brush well in boiling water to which a dessert spoonful of ammonia has been added.

Water bottles and decanters can be put a dessert spoonful of rough salt into a decanter and moisten it with vinegar; then shake the decanter until the stains are removed.

A very attractive way to serve scrambled eggs is to put the eggs into a deep dish and cover with bacon which has been cut very thin and cooked rather crisp.

To Break Glass Evenly If you want to break a glass jar or bottle quite evenly, soak a piece of string in turpentine, and tie it with the break to come. Then fill the glass up to that point with cold water and set fire to the string.

SEALERS TENDERS addressed to the undersigned and endorsed "Tender for Public Building, Milltown, N. B." will be received at this office until 4:00 P. M. on Tuesday, June 24, 1913, for the construction of a Public Building, Milltown, N. B.

Persons tendering are notified that tenders will not be considered unless made on the printed forms supplied, and signed with their actual signatures, stating their occupations and places of residence.

Each tender must be accompanied by an accepted cheque on a chartered bank, payable to the order of the Honorable the Minister of Public Works equal to ten per cent (10 p. c.) of the amount of the tender, which will be forfeited if the person tendering declines to enter into a contract when called upon to do so, or fail to complete the work contracted for.

The Department does not bind itself to accept the lowest or any tender.

By order R. C. DESROCHERS.

THE DANGER OF ANAEMIA

Consumption May Follow Unless Its Ravages are Checked.

There is danger to every girl and every woman who falls a victim to anaemia—that is bloodlessness. They become listless, feel too weak, too wretched and too hopeless to take prompt steps to stop the trouble.

It has been noted many a time that the cows bred to a particular bull have dropped good milking progeny; that bull came from good milking ancestry. There is the virtue of heredity worth thousands of dollars to our dairymen.

HOUSEHOLD HINTS

To both cracked eggs put a teaspoonful of vinegar in the water. This will prevent it from boiling out, or a teaspoonful of salt answers equal to it.

The mistake is often made of cleaning white painted linets, doors and wainscoting with soap and hot water. The heat of the water has the effect of destroying the outer coating of varnish, the result being that the paint soon wears away.

To rid a pan of the odor of onions wash it in the usual way with soap and hot water. Wipe out with a dishcloth, then sprinkle freely with common salt and place on the stove, shaking the pan so as to scatter the salt while it is broiling.

Floors stains can be removed by scrubbing the stained wood with vinegar and water, with whitewash marks on the floor or windows may be successfully treated with an application of paraffin.

Several thicknesses of unspun wire window screen netting folded flat make the very best kind of scrubber for cleaning rusty fire-iron. A final polish on a rough cloth better of course also necessary.

When putting in filling of any kind, remember to toss it lightly with a fork, don't pack it tightly if you do, your filling will be heavy and too solid.

Vienna Coffee is made by mixing one cupful of mixed cream to one and one-half cupfuls of boiling milk, and pour this into one quart or more of strained coffee.

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Just To Remind You. That The Advocate has the best equipped Job Printing Plant north of St. John, and has the reputation of turning out all work neatly and promptly. We have added all the latest types and materials, and consequently are in a position to meet the various tastes and ideas of our numerous patrons better than any other office on the North Shore. Send us your order for Commercial Printing, and you will be convinced of the truth of the above statement. WRITE US—PHONE US—WIRE US. Miramichi Publishing Co. Ltd. Union Advocate Office, Newcastle, N. B.

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TEACHERS WANTED FOR TOWN OF NEWCASTLE. One male teacher holding Superior or first class license and one female holding first or second class. Address: J. E. T. LINDON, Sec. School Trustees, Newcastle, 12th, 1913. 3 wks.

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Chas. Sargeant First Class Livery. Hack in connection with Hotel Miramichi meets all trains and boats. Horses for Sale at all times. Public Wharf. Phone 61.

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