THE RESERVE THE PROPERTY OF TH



WINTER HANDLING OF THE DAIRY COW

The production of milk in winter well enough balanced for all practical is quite a different proposition from purposes. In the same way, if oats what it is in summer. Winter milk should be relatively low and bran will generally bring the farmer about ing outs and som- buckwheet midwo-thirds more per glart than in ellings art feel them half and half summer. To offset this, it costs a by weight. That will make a milk of more to produce it. Winter milk producer and keep the cows in good can be projected to a profit in the condition. If the farmer can raise on third and fourth milk zenes (that is, the he should by all means do it.

The programme for this occurred can be proved the programme. The programme for this occurred can be proved the provided the provi 100 to 199 miles from New York and When compelled to buy, the farmer over 190 miles), but to do it the pro-should study the markets and keep ducer cannot go at it in a haphazard, posted as to which feeds are cheapslipshod way. He must thoroughly est, and buy accordingly.-Arch E. inform Pimself as to the actual cost Vendervort in Meine Farmer. of milk. He must keep a correct account of each item expended. There Horse as Poor as i's Foot must be charged against the cow th amount of hay, sliage, reo's and feed she consumes, at the fair market

·es, at market prices. will be able to raise world, and the things we have been from their land all the necessary sil-age, hay, roots and straw for bed-It would be a mistake, how- strange diseases and weakness of the ever, for him not to charge each cow feet. Hard roads, continual shoeings, with the amount consumed by her, because he fidn't have to buy them. Each has a wellknown market value, and if not fed, he could sell and con-niess and other common and uncomvert them into cash. To make a mon troubles in the hoof of the modsucces: of the business, he will be ern horse. obliged to feed a large amount of concentrates during the winter sea. The modern work horse as his daily

the milk of each cow to ascertain feet of horses, and owners have be just how much tat she is producing, come surprisingly in ifferent. If he does this he will find, to his surprise, that some of his so-called best block of norn. On the upper sile is heavy amount of failk tested ex- triangle called a frog. Inside this box ceedingly low in butterfat, I regard of horn is a bone of a shape much it as fair to take the amount of fat like that of the foot in which the make the estimate from the amount ates in the point or ring.

when the price is comparative'y low, on too long and the shell of the foot or whether he will wait until winter (\$100 was over the shoe, or the shoe and sheep above all lity. or whether he will wait until winter grows over the shoe, or the shoe and buy it, at retail, at large'y ad- bears on the sole of the foot, it vanced prices. Wheat bran can us over the ends or wings of the coffin successful shepherd is quick to see ually be bought during the summer over the ends or wings of the coffin if any of his flock is alling and quick. lots. It is seldom that the same bran shoe which being improperly adjustcan be bought at any time during the ed, pressing unduly upon the wing of Here is a profit of \$7 a ton, or near. Sometimes it will be manifest in a Here is a profit of \$7 a ton, or near sometimes it will be manifest in a pievent illness. Rams often lose vily not one farmer in a hundred would when it is pared to level the shoe in ly not one farmer in a hundred would when it is pared to level the shoe in consent to accept a loan of money, shoeing, at other times there is no stipulating that he should pay 50 red spot per cent, interest. He would rightly say that it meant his ruination, but thousands of farmers, perhaps the just this thing in buying their mill just this thing in buying their mill feels. They pay 50 per cent. for the use of money for less than six very carefully broken from the vine, months instead of a year.

| Squasnes must be well matured be fore harvest, and should be cut or very carefully broken from the vine, leaving the stem attached to the very day.—O. 10 per cent, of the amount of the tender, will be received up till noom months instead of a year.

tonsaed meal, corn meal and other preferred, for there is less danger of concentrates can be bought at a like injuring the squashes. If possible, saving by taking advantage of the they should be placed in small piles. Various expedients are used to specifications and plans may be market. A serious objection can be to ripen or harden up for two or cure a kicking in the stall.. A sack had on application to the undersigned. made to this plan; nemely, that the three days before the hauling from of straw hung by both ends horizon or to the Agent of Marine and Flah average farmer would not be able to the field. In hauling, spring wagons tally from the ceiling so that it one time. This is probably true, al- body lined with burlap or other mathough it would be economy for him terial to prevent bruising. to lo it, even though he should have The storage room must be dry and hang the sack of straw in place, and to borrow at 6 per cent. but this difficulty can and shoulld be overcome first two weeks, to harden up the gets tired of it. Others have been by concentration of effort. Instead shells, after which a lower tempera-broken by wrapping a short chain in of one dairyman buying a carload, tuie, providing the room is dry, may ar old sack so that it cannot bruise four or six in the same neighborhood be maintained. Injuries lend to deshould ban I together and buy their cay, and as squashes are very sensiwinter feed in carload lots, when it is tive, they should be handled like eggs by putting on a bridle and surcingle low-priced, and store it for winter Broken stems and bruised skins are and then running a rope from each Minard's Liniment Co., Ltd. The feed comes in sacks, so that it car be easily divid d to the mutual advantage of the buyer.

and on the platform regarding the many wate falls to furnish "white be the keynote to great profit from the farm. What is the use of keeping coal," or electric power, at very low Dalanced ration. Cows can be fed coah, or electric power, at very low an indifferent, non-producing animal ration fairly balanced in fat and pro- Christiania visitors saw a model of any description when one that will ration fairly balanced in fat and pro- Christiania visitors saw a model tein, than by feeding them an unbal- farm at which electricity does much anced ration. During certain sea- of the work. At night the farmhouse, and no more feed? sons our agricultural papers give yard, stables and she's are brilliant every week formulated dairy rations with electric lights. Electric stoves pert standards. They are useful as a coffee mill, a k ife polisher, a fruit pert standards. They are useful as a a coffee mill, a k ife polisher, a fruit guide only. I would not advise that parer, a sausage mill, and a bread these formulas be followed too close-ty. Some years certain dairy feeds washer, a clothes washer, a centri-cut than if use t whole. are relatively higher than others. I fugal drier, an electric mangle, and cut than if use i whole. advise the dairyman to take alvan- electric irons. tage of the market and buy those there are a lathe, a saw, a grini- Beware of Teas that are dusty and which are cheaper. There is no stone, a glue heater and a soldering full of broken leaves, as these are trouble in getting a fairly well bal- iron, all driven by electricity. In injurious in use and unpleasant in anced ration where this is done.

bran and gluten are low as compared and for sherring sheep. By way of with other feed stuffs, buy them, feed climax the fields of the farm are fer- fresh, fragrant, free from dust and half and half by weight. This sup-tilized with artificial manure made at economical in use, preserved and ontel with corn silage clover the Norwegian electrical nitrate sold only in sealed packets at 35c, and timothy hay vill make a ration works.

In buying a horse for any purpose value; each cow should be credited it is important to know that the aniwith the amount of milk she produca native of the grassy plains of the

ration, but a great many of the foot Every milk producer should have a defects so discouragingly common Babcock taster and know how to may be traced back through the garuse it, and milk scales. At frequent erations of shoeing. Careless and

heavy col1.

dink from stagnant poels.

to separate such and give extra care

Usually a very sick sheep may be

and will some imes wear a path

along the fence fretting and losing

To Cure a Kicking Horse

pastern. Others have been reformed

The cutting box or feel cutter is

Teas are

45c, 55c, 65c per pound.

very severe, but effective.

The foot of a horse is not all a cows are, in fact, his poor ones. In a different kind of horn from that other words, cows producing a of the bottem side, with a spongy feel to produce it, rather than to end of this triangular bone termin-

Now when a shoe is too wide at the producer is in a situation to buy foot in against these wings, and his feed during the summer or fall when the shoe is allowed to remain vanced prices. Wheat bran can us. brings direct pressure in the parts season as low as \$18 a ton in carload bove. So in either case it is the whiter at less than \$25 per ton. this bone that produces an injury. counted a dead one, therefore the

Storing Squashes for Winter

Squashes must be well matured be leaving the stem attached to the Gluten feed, hominy, oi meal, cot. squash. Cutting the stem is much

the legs and then tie this to a hind This would not overtax anyone, sure to open the way for decay.

Electrical Farming Norway is fortunate in having be the keynote to great profit from In the workshop the stable an electric motor runs an the cup, the dust being generally put For inctance, suppose that wheat apparatus for rubbing down horses there to reduce the cost,

Four Days Course In Agriculture

Farmers of North Shore Will Receive a Free Course of Lectures and **Demonstrations**

The New Brunswick Department of Agriculture will held a Four Days' Course at Newcastle, Decemb r 1st to 4th, 1914 This marks the inauguration by the D partment of its The approach of winter lessens the system of agricultural short courses supply of nourishing roughage in the in the North Shore section of the field. For the health of the sheep Province.

Fall Care of Sheep

lowever, and also for the saving of It is the policy of the Department feed, they should be given free range to bring agricultural instruction as over all fields possible, as close con- close as possible to all the farmers in ment of the ewe flock is quite de- of the Province. With this end in trimental to their best health. Good view short courses have been araccurishing rough feed with exercise ranged in three centres this year, and some clover hay at night, if the namely, Woodstock, Sussex, fields are thin, will be a very sure Newcastle. The course at Newcastle forerunner of strong, healty lambs.

Many farmers have pumpkins which are a great relish for sheep, berland, and Kent.

ent kinds are also good. For a heavy covers almost the whole range of growth of good oily wool, we must agricultural interests, including live always supply a l'ttle succulent feed stock, dairying, poultry, fiel-l'erops, along with their key and straw. A soil management, horticulture, weeds limited amount of well matured sil- theet pests plant disease, farm enage, a few pumpkins, cabbage, tur-nips, rutabagas or potatoes help won-the limited time only a brief survey of the various subjects will be possi-As the winter settles down and the sheep must be yardel closer, they select the most important and funneed more attention. The disease of damental points for consideration. the feet, dreaded by all shepherds, Farmers should come prepared to footrot, quickly works havoc where discuss their practical problems as the sheep's feet are left to grow long well as those of their neighbour, un and they are penned in muddy yards, der the leadership of an expert. Cut the loose dirty wool from their Practical demonstrations and lantern tails; give them this necessary at lectures will be features of the tention for it will be worth more course.

than an insurance policy to you later. The major portion of the In arranging for a winter shed for will be carried on in the Town Hall The Winter Term your flock, realize that all a well of Newcestle, but for the stock judgwoolled sheep needs is a dry, well ing work the class will a ljourn to

ventilated roof and windbreak. Give the Armoury them a place of their own where all It is the aim of the Department of other stock cannot molest or tramp Agriculture to make this course as on them. Sometimes we are tempt- accessible as possible to all the farmed to be more humane and provide ers of the North Shore. It is arranggood warm comfortable quarters for ed at a time of the year when they winter for sheep as we do or other can conveniently leave home for stock, more especially we are begin few days of valuable instruction and ners in the sheep business. Con-demonstration. The course is entire use it, and milk scales. At frequent status of should weigh and test ignorant shoers continue to rula intervals be should weigh and test ignorant shoers continue to rula in the morning the continue to rule with the rule of said and there is no age limit. tact with the cold air gives them a are co-operating by offering reduced cation. rates upon the standard certificate Do not compel sheer to wait from plan, and the only other cost to stu- Fredericton, N. B. one Sabbath until the next for salt as dents will be their living expenses

some farmers do, but have a trough while in attendance where they can get it any time and The men of the Department who there it will be nice and clean. It have the work in charge will spare has been said that sheep require no no effort to make the work interestpreduced by each low as the basis bones of the lower part of the leg preduced by each low as the basis bones of the lower part of the leg ten to such inhumar folly. On very tend, it should be remembered that succulent grass and when the a great deal of trouble and expense weather is not extremely hot they is being incurred in the effort to ill live without it or take only very make this course something really Much will depend whether or not the heel it presses the shell of the water when they should always have worth while, and any farmer or farmwater when they desire it, for like er's son who is anxious to increase other animals their systems require his store of practical knowledge can animals should never be compelled to

R. NEWTON. Director of Agricultural Schools Woodstock, N. B.



Tenders for Motor Patrol Boat

flesh until they are in the poorest possible condition for service when SEALED TENDERS addressed to the time comes. Put a few wether the undersigned and endorsed "Ten-lambs with them, keep them out of ders for Motor Patrol Boat" and acon the 25th November, 1914, for the construction a 1 delivery at Pictou N S., of a Motor Patrol Boat for Fish

buy and pay for a carload of feed at ought to be used, with the wagon reaches just behind and above the to the Naval Store Officer, H. M. C. Tie the horse strongly and short,

G. J. DESBARATS. Deputy Minister of the Naval Service

Ottawa, November 2nd, 1914. Unauthorized publication of this advertisement will not be paid for. 69615.

hind foot to the bridle bit. That is thrown from a read machine, injuring my hip and back bally and was Pure bred dairy cattle will often months. In Sept. 1906 Mr. Wm. Outobliged to use a crutca ridge of Lachute urged me to try MINARD'S LINIMENT, which I did take no more room, no more care, life, and today I am as well as ever in my

Yours sincerely. MATTHEW x BAINES. mark



Minard's Liniment for sale every-

MIRACULOUS **CURE OF ASTHMA** Suffered Terribly for 15 Years Until He Tried "Fruit-a-tives"



D. A. WHITE, Ess 21 WALLACE AVE., TORONTO,

Dec. 22nd. 1913.

"Having been a great sufferer from Asthma for a period of fifteen years (sometimes having to sit up at night for weeks at a time) I began the use of "Fruit-a-tives". These wonderful tablets relieved me of Indigestion, and through the continued use of same, I am no longer distressed with that terribe disease, Asthma, thanks to "Fruit-a-tives" which are worth their weight in gold to anyone suffering as I did. I would heartily recommend them to all sufferers from Asthma, which I believe is caused or aggravated by Indigestion".

D. A. WHITE

For Asthma, for Hay Fever, for any trouble caused by excessive nervousness due to Impure Blood, faulty Digestion or Constipation, take 'Fruit-a-tives'

50c. a box, 6 for \$2.50, trial size, 25c. At all dealers or from Fruit-a-tives Limited, Ottawa.

OPENS AT Fredericton Business College.

Monday Jan. 4th.

Full particulars furnished on appli

W. J. OSBORNE,

OVER 65 YEARS' Scientific American.

EDDY'S MA TCHES

AUNN & CO. 363 Broadway, New York

Though we have somewhat advanced prices because of the increased cost and scarcity of raw material the usual high standard of our quality will maintained.

Eastern Gentlemen,—In July 1905 I was Steamship Corporation

INTERNATIONAL LINE

Leaves St. John Mondays, Welnes days and Fridays at 9.00 A. M. for with the most satisfactory results Lubec, Eastport, Portland and Boston. Returning leaves Central Wharf, Boston 9.00 A. M. Mondays, Weinesdays and Fridays for Portland, Eastport, Lubec and St. John

MAINE STEAMSHIP LINE

\$3.00 reduced fare to New York. Oct. 1st-April 30th. Direct service betwe n Portland and New York. Leaves Franklin Marvel Douche days and Saturdays at 6.09 p. m. Wharf, Portland, Tuesdays, Thurs-Through tickets at proportionally low rates on sale at all railway stations. Baggage checkel through to destniation.

L. R. THOMPSON, T. F. & P. A. A. E. FLEMING, Agent, St. John,

C. B. KINGSTON, Compercial Agent, Eastport, Me.

"A Man who tries to run a busi ness without Advertising might as well try to run a motor without gasoline. It may be a good business, but it wont go.

Why be content to remain in the same old rut, never making any effort to increase your business, and, worst of all, not offering any inducements to hold the few customers you have?

When you come to look over the matter, do you ever figure out what assurance you have that you will always cater to your present trade? How do you know but what your customers are passing your store and patronizing the man next door, who advertises? In all probability this is just what is going on, and there is only one way to stop this and that is to advertise. This you want to do in the

Union Advocate

ESTABLISHED 1867

one or the oldest papers in the Maritime Provinces. You say you never did advertise, and you do not believe it pays. Don't you think you are giving your own opinion rather a high rating when you put it against that of the great majority of those who do advertise? Surely majority is a better judge.

Do not let your mind rest too strongly on the amount of money you would have to pay; rather shink of the increased business which is sure to be yours. You say you do not want any increase, because you would have to increase your staff. Well, if ten new customers came to your store every week would you turn them away? And if that number increased until you had to enlarge your staff of clerks, would you not do so, or would you neglect them? You would certainly increase your staff, attend promptly to your new patrons, and keep your stock of goods on the move, so why not make up your mind to-day to take a space in this paper and keep your name constantly before the buying public.

As an advertising medium, The Advocate is firmly taking its place at the head. If you, Mr. Merchant, are not among the number who are using its columns, why not talk the matter over with our representative and select a good space while you have a chance. We are at your service any time you wish to consult us, and would only be too glad to quote you rates. A telephone call will bring our representative to your store in ten minutes.

UNION ADVOCATE'S PRINTING DEPT.

The Advocate is not only taking the lead as an advertising medium, but its Job Department is decidedly

Remember that this office is in better shape to handle your Printing than it has ever been before, due in the fact that only compstent printers are employed and the most modern machinery used.

There is a difference between plain Job Printing and the kind of Printing that draws business. At one time any kind of a printed letter-head or envelope would do so long as the work was done by a printer Good paper and high priced ink, the customer did no. know enough about to be fussy. It is not so now. The omer to-day figures these items into his contract for printing the same as he does the quality of the goods he purchases to carry on his business.

This is the class of customers who have their printing done at The Advocate Job Dept. Only the best lines of writing paper are kept in stock and the highest grade of inks used for all work. There is not a CHEAP line in our office, for experience has taught us to carry only the best and the most serviceable.

People who leave their order for printing with this office, have that inward feeling of assurance that they are going to get just the kind of a job they want. They do not speculate—they know, and they are never disappointed. We spare no pains to give our customers just what they want, and that is one reason why this office has gained the reputation it has for turning out the highest class of Job Printing only.

If you are not yet a customer, join our list and have your letter heads and envelopes, or whatever nature your work may be, printed in an artistic manner. It does not cost any more for good printing than it does for the cheaper kind, and a small order is given as good care as a large one.

We are now in a position to handle all kinds of

CATALOGUE PRINTING

and would be pleased to quote prices for this class of work at any time. We guarantee strict satisfaction in

ADDRESS

THE MIRAMICHI PUB. CO. LIMITED

Newcastle, N. B. Phone 23

Box 359.