farm heavily burdened in England. It is true labour is very much higher in Canada, but then I think the imposts on land here should balance the item of expenditure on the farm. Mr. Hutton allows £3 10s. per acre as the amount necessary to "clear, fence, and seed" the land by contract. Now, if i purchased 1,000 acres of wild land at 3s. 3d. per acre, would it be a safe and profitable proceeding to contract to have it thus reduced. to have it thus reduced a state of cultivation, or may I do so? Mr. Hutton names 4.3 per acre as the fair average clear gum to be expected the second year of cultivation under barley, rye, oats, peas, and pota-toes. Now, I should like to know where is the land toes. Now, I should like to know where is the land in England that will average such profit as this to the tenant-farmer? For £1,750, according to Mr. Hutton, a capitalist may fence and crop 500 acres of land, and this land for and after the second year may be expected to return a clear profit of £1,500 per annum. This is stated by a man "than whom no higher authority can be quoted." so I assume it is an incontrovertible fact; of course it is understood in average seasons. In your journal of the 2nd July last, I find Mr. David Buchan, Bursar of the Toronto University, states.— "The class of farmers better adapted to this country

The class of namers better anapted to the country are those generally known as small farmers, men who do their own work or part of it, whose wives are also accustomed to the work of the house and dairy." Now, I beg to ask if this is to be understood as meaning that a superior class of educated, energetic, men of capital and skill, but who are unused to man-

the farmers in Canada West neglect to breed stock, and think much more of wheat growing than of dairy produce—this implied there is a good opening there for cattle breeding and the dairy. Now, small plough holding farmers can hardly be good stock breeders; so, perhaps, it may be owing to the absence of men with capital that the costly work of breeding is neglected. The same book stites.—"One of our most pressing wants in Upper Canada is a race of country gentlemen." I presume this means capitalist farmers, who are here known as "gentlemen farmers." and those are the very men who make more! Mr. W. stated as the result of his study and experience, that in his opinion, in order to obtain a reasonable quantity of pure, wholesome milk, of best pagriculture here than any others. I have read that there is now no Government land to sell in the best locations, as private capitalists have secured it all. Assuming this to be correct, I should much like to know the terms on which, say 1,000 acres, might be purchased in one block in the pennisular portion of that the correct land a few roots and a few roots and a few roots and a few roots and that the correct land a few roots and a few roots and a few roots and a few roots and a few roots. Canada West, or if any such land is now in the market there? I should much like some remarks on these matters from your able and experienced pen, for I only wish to know the truth about the capabilities of this fine country for a STACE FARMED.

number of topics fruitful of discussion, and will, we in the barn. It was important that they should have trust, draw out facts and opinions from those best qualifled by observation and experience to deal with them. At present we shall content ourselves with one or two brief comments. Canada is undoubtedly a good country for small farmers able to do their own work. but it also affords ample scope for enterprising capitalists. Indeed the time has come when a judicious outlay of capital and the employment of more skill ording or captact and the employment of more skill which may be enumerated as follows: first cheese in farming are loudly demanded. Whether British, may be spoiled by bad or carcless treatment of the agriculturists with means can wisely invest in the purchase and clearing up of wild land, is a question that admits of much debate. The writer of the above letter evidently overlooks the fact that his "cleared spoiled by bad keeping after being made.

Land "will be for years encumbered with stumps—a land will very strong argument for preferring an improved to a bush farm. Another drawback is the want of good roads, and the difficulty of access to market. These



## The Dairy.

## Milking Once a Day.

SEVERAL months ago there was considerable discus sion principally in Eastern agricultural papers, about the number of times a cow should be milked per day. The same subject recently came up before the Fitchburg (Mass.) Furmers' Club. The proceedings were published in the Filchburg Sentinel. Mr. W. G. Wy-

also accustomed to the work of the house and dairy.

Now, I beg to ask if this is to be understood as meaning that a superior class of educated energetic. men of capital and skill, but who are unused to manual labour, are not suited to the soil of Canada? If such men can farm and like by farming alone in England, paying something like £5 per acre in the shape of center, rates, tithes, taxes, &c., cannot succeed on their original perior to ordinary farm labourers—if this really is so, then I want a reason for what seems to me an a little less than two quarts perday. Through March sanomaly. Why should not skill, capital, and energy she was milked twice a day, and during the first week succeed on a large Canadian farm as well as in Engisher. The only real difference I can see in the modus operands in the two countries is this—in Canada; quarts: during the second week to two and a half modus operands in the two countries is this—in Canada; quarts: during the third week to four quarts daily, seed time is very short, so the farmer must there be and on the 31st she gave a little more than four and much more active and energetic to get in his crops, cleared land, rating at from £5 to £10 per acre; but

He intended to try the experiment with a larger

cleared land, rating at from 25 to 250 per acte, out the intended to try the experiment with a larger if he has capital to clear it by contract, having it and older cow giving a larger quantity of milk, but fenced and cropped for £3 10s., why should it not be the diminution of milking only once a day was so better to purchase wild land at 3s. 3d? Thus, with immediately apparent that he chose not to risk the He intended to try the experiment with a larger better to purchase wild land at 3s. 3d? Thus, with capital you may have it made ready for operations at closs of milk and the injury to the cow, and contented £3 13s. 3d per acre "Letters from Canada state the farmers in Canada West neglect to breed stock, appointed him in two respects. First, that the small and think much more of wheat growing than of dairy quantity of milk obtained during the latter part of produce—this implied there is a good opening there. February was no richer, apparently, than a similar for cattle breeding and the dairy. Now, small ploughing farmers can hardly be good stock breeders: tity having been diminished in the manner described, so, perhaps, it may be owing to the absence of men from over five to less than two quarts daily, that it with capital that the costly work of breeding is should be increased again to more than four and a should be increased again to more than four and a

or I only wish to know the truth about the capabilities of this fine country for a STOCK FARMER.

STOCK FARMER.

[Note by Ed. C. F.—The above letter suggests a most of the time during cold weather he kept them

Abel Marshall said when he wanted to dry his cows he only milked them once a day.

## Mistakes in Cheese Making.

There are three classes of mistakes in cheese making which may be enumerated as follows: first cheese

Improper treatment of milk consists principally in rery strong argument for preferring an improved to want of thorough cleanness of the vessels into which a bush farm. Another drawback is the want of good it is necessary to place it. Ordinary cleanliness is roads, and the difficulty of access to market. These not sufficient. Milk so rapidly changes when exposed considerations, in Connection with the many incon- to the air, that the least particle left in any pail or veniences attendant on life in the backwoods, incline vessels, becomes altered into a ferment similar to yeast, us to advise the English gentleman farmer to huy time, which the mornest it converted into a constraint. us to advise the English gentleman farmer to buy inwhich the moment it comes in contact with new milk
proved land, the cultivation of which would be more communicates to it the property of corruption, and
like what he has been used to in the old country.]
hence milk though seemingly pure, may be really which the moment it comes in contact with new milk. cost of keeping through the summer and winter, and communicates to it the property of corruption, and it will be readily seen which are the unprofitable hence milk though seemingly pure, may be really animals.—Prairie Farmer.

unfit to manufacture the best quality of cheese. vessels used in the manufacture of cheese or the handling of milk, should pass through a thorough immersion in water, that is at the boiling degree of heat, as this only can be relied on to render such vessels perfectly sweet.

The second mistake arises from a want of proper use of the thermometer in ascertaining the right degree of temperature at which the rennet should be applied.

of temperature at which the rennet should be applied, and to which the curd should be raised, when it is desired to separate it thoroughly from the whey; and next the want of sufficient manipulation to reduce the curd to a complete crumbled mass, of the right dryness before being subjected to the press.

The third mistake is in the want of proper attention to keeping, these in well ventilated rooms, and in turning it from time to time as its curing requires. It is found that if the temperature of the cheese room is over 75° that fermentation in new cheese is carried on too rapidly, and causes a tendency to heave; while on too rapidly, and causes a tendency to heave; while if the temperature be below 60°, it checks the ripen ing of the cheese, and Tends to destroy its flavour.—

## Good Milkers.

It is an easy matter to distinguish a good milker. The farthest removed from the buil the better. As the male has no milking properties, and the female is devoted to them: and none so much as the cow: so we are to judge from this principle.

No person of ordinary intelligence would select a cow with a thick neck, heavy bones and a bull-like disposition. On the other hand, the true cow, the good milker, is easily known by its thin neck, sometimes almost amounting to deformity (the case with one of ours), small bones; thin sensitive hide; thin tail; and (most of all) a mild, placid disposition, showing absence of animal heat, which consumes or prever milk from forming. A quiet, motherly face, denoting intelligence and domesticity, is what is wanted. The reservoir of milk, of course, must be large, or there cannot be stored a large quantity. A large, well-formed bag, therefore, is a necessity. A small udder is an invariable sign of a poor milker. The form and size of a cow are not always to be depended upon. The disposition is perhaps as much, if not upon. The disposition is perhaps as much, if not more, than any other one point; some say than all other points. We remember a heavy-headed, coarso bodied cow, but with the mildest of dispositions, as one of the best butter makers we know. A good eater, always healthy. She made during the month of June. 15 lbs. of the best butter a week; and gave a good flow of milk nearly the year round. Avoid the bull, and seek the furthest opposite qualities for the heat milker. the best milker.

PRECOCITY OF ALBERNEY HEIFERS.—We observe in recent agricultural papers, accounts of the early development of Alderneys, which are truly astonishing. A heifer in the herd of John Giles, of Woodstock, Conn., dropped a calf on the 27th April, 1863, being then only 13 months and 2 days old. From 1st to 6th July, five pounds of butter were made from her milk. A heifer owned by A. J. Sands, of Bainbridge, N. Y., a cross between the Alderney and Ayrshire, dropped a nice calf May 6, 1863, when she was only a year and two days old .- Another calved on the 27th July, at the age of a year and 17 days. The yield of milk in these cases is described as quite large. These miniature mothers are said to be very docile, and though it is admitted that early precocity somewhat dwarfs them as to size, yet it is thought the early excitement of the mammary gland, tends to a fuller development of milking qualities. If this view be correct, it would seem that for dairy purposes, this early maturity is a decided advantage, since it is yield of milk and not size of animal which is desiderated.

TEST YOUR Cows .- May and June are excellent months in which to test the milking qualities of cows. Most new milch cows that do not give a good yield of milk in these months are not worth keeping; the exception is such as to give only a moderate amount but keep up about the same quantity till very late in the scason. It is positive loss to keep poor milkers, for the cost is the same as that of keeping and caring for good ones. Make some estimate of the returns that are coming in, and at the same time cast up the cost of keeping through the summer and winter and