# Agriculture, &c.

#### A CHEAP FERTILIZER.

Ccl. Daniel Needham recently made a speech in the Massachusetts Senate, advocating the passage of a law providing against the sale of adulterated commercial fertilizers by requiring that they shall be analyzed, and each barrel, box, or package be labelled, upon which label shall be printed a statement of the constituent parts of the compound, and the per-centage which each constituent part bears to the whole mass-a law, which by the way, is demanded for the protection of honest manufacturers, as well as purchasers. During his remarks he said that a most valuable fertilizer could be made by taking four barrels of ground bone, one carboy of sulphuric acid, and one of ashes. He said that the expense of this fertilizer would be only about \$18 a ton, and that he had no doubt the fertilizer thus made would be as valuable as any purchased in the market for \$40 per ton. He stated the expense substantially as follows ;-- Four barrels bone, at two dollars and fifty cents per barrel, \$10; one hundred and seventy-five pounds sulphuric acid, \$5 25: two barrels ashes, \$2 50; total, \$17 75 The process of mixing, he said, was very simple. He would take the ground bone, and after wetting it theroughly, allow it to heat, which it would do in a short time, then pour on the sulphuric acid, and afterwards mix with the mass two barrels of ashes.

#### PACKING BUTTER.

When wooden packages are used, have them made only of the best seasoned white oak, maple, or any kind of good hardwood Pine or any kind of resinous wood, however well it may be seasoned, scalded, or whatever else is done to it, will still give a bad flavor to butter when used as a package; the salt in the butter seems to draw out the resinous flavor from the wood at some time or other after the butter is put in. Let the farmer get his own packages made, and if he is desirous of becoming known as the maker of a first class article of butter, let him have his name and address burnt into every package he uses. Let the butter be well made and of equal quality throughout the package, and carefully packed down without kneading; a ladle made of hardwood should be used, and in no case should the hands come in contact with the butter during any part of the process of making, or in packing it. Having made a first class article, and packed it well and properly, the next thing is to dispose of it; and we thank the farmers' wives who make a really first class article will find no trouble in obtaining a good price for it when once they have acquired the name of making good butter, their make will always sell well to the same dealer.

### CURING RENNETS.

Many salt down the rennets in a cask or tub. It is a very bad practice, and has been the cause of great mischief in the dairy. The trouble with salting down rennets and packing a considerable number together, is this: If one diseased or bad rennet gets into the cask, it communicates its taint to the whole mass, and the leaven once having been added, develops with wonderful rapidity so soon as circumstances become favourable, and these circumstances do become favourable when the rennet is added to the milk at a temperature so high as 80°. We have frequently urged that rennet should only be saved from healthy calvescalves that have been allowed all the milk they will take for at least four days, and up to within some twelve or fourteen hours of slaughter.

A calf that has been starved will have a diseased and inflamed stomach, and if it is used for cheesemaking it will most assuredly impair the flavour of the cheese. A good healthly stomach having been selected, the contents should be emptied out and all specks wiped off. Then it should be either blown up like a bladder, or slightly salted and stretched on a forked stick, and hung up in a dry atmosphere, only moderately warm. Some cheesemakers prepare rennets badly by soaking in wooden casks or barrels. There are many tons of cheese spoiled in flavour every year simply on this account. It is almost an impossibility to keep a wooden vessel sweet that has been used for steeping rennets.

Rennets are more efficient when steeped in whey, but the whey should be free of taint in the first instance, and then freed from its albuminous matter. Rennet does not act on the albumen of milk, and this nitrogenous constituent passes off in the whey. Albumen coagulates at a high temperature. By

heating the whey to boili g, the albuminous matter coagulates and may be skimmed off. This should be done soon after drawing the whey from the vats, and before it has begun to ferment and putrefy - Western Rural.

#### MESSENGER ALMANACK.

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TF For the ime of High Water at Pictou Pugash, Wail: c and Yarmouth add 2 hours to the

TF For I OH WATER at Annapolis, Digby, &c., and at St. J in, N. B., add 3 hours to the time at dalitax.

The time of HIGH WATER at Windsor is also chronic. he time at l'arraboro', Horton, Cornwallis, Truro, &c. IF For the LENGTH OF DAY double the time of the cholera morbus. The dear young thing got well in a

# NOVA SCOTIA RAILWAY.

#### SUM THE REAL AREAS. N. G. R. THE REAL TO

N and after TUESDAY, 1st Ju e, 1869, Tra'. will be run as follows :-MAIN LINE.

Leave Halifax 6.20 a m | Arr. at Pictou 12.20 p.m. | FOR ALL DISEASES OF THE KIDNEYS do 12.00 noon. do 3 00 p. m. do 8.05 p. m. Truro, 7.40 p. m. Leave Truro, 630 a. m. | Arr.at Halifax 11.10 u. m. do 200 p. m. do 7.50 p. m. Pictou, 6.00 a. m. do 1.45 p. m. WINDSOR BRANCH,

Leave Halitax 700 a.m. | Arr. at Windsor 9.18 a.m. | Nervous Prostration, Weakness, General Lassitude do 4.00 p. m. | " do 7.25 p.m. Leave Windsor 6.45 a. m. | Arr. at Halifax 10.15 a.m. do 4.50 p. m. | Go 7.10 p.m. A. LONGLEY, Chief Commissioner.

COMMISSIONER'S OFFICE Hanfax, 24th May, 1869.

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Besides the above there is a field containing ten acres, separated from it only by an intervening field of equal size, owned by another proprietor.

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EXTRAORDINARY EFFECTS

### MAGGIEL'S ANTI-BILIOUS PILLS.

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a-day say from patients all over the habtable globe:

' Dr. Maggiel, your pill had rid me of all billous.

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efter suffering torture from bilious cholic, two of your pills cured me, and I have no return of the 'Our doctors treated me for Chronic Constipation, as they called it, and at last said I was incurable.

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' Your pills are marvellous.' 'I send for another box, and keep them in the

Dr. Maggiel has cured my headache that was 'I gave half one of your pills to my babe for

My nausea of a morning is now cured.' ' Your box of Maggiel's Pills cured me of noises

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RETENTION OF URINE AC MAGGIEL'S PILLS!

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