

HOUSE AND FARM.

Quantity of Milk for a Pound of Butter.

An important inquiry in the purchase and sale of a cow, is the amount of butter she will make per week. This is a question often easier asked than answered—for which there are various reasons; one being that the owner of a cow may not have the convenience for separating one cow's milk from others in the dairy, or if the experiment is tried it may be entrusted to careless or unscrupulous or ignorant helps. It is therefore difficult to arrive at a correct result in this way; and we have found a much easier plan is to measure the cow's milk at each milking, which the owner, if he does not do the milking himself, may stand by and see thoroughly done and accurately measured. All that is necessary, then, to ascertain the quantity per week, is to know the usual quantity of milk required for a pound of butter. This varies of course, in different animals and with different breeds; but as an average, we should say, it takes eight to twelve quarts of milk to make a pound of butter. A cow giving twelve quarts per day, if the quality of milk is not below the usual standard, should therefore make twelve and a half pounds per day, or a little over eleven pounds per week. We have found that it takes less milk to make a pound of butter with a Jersey cow than any other breed. Six quarts of Jersey milk has sometimes made it; but we put the average with this breed at eight quarts to a pound of butter.

Maxims for Horticulturists.

The following paragraphs are worthy of careful preservation among the most valued rules that should govern a well regulated farm:

- 1. When fruit trees occupy the ground nothing else should—except very short grass.
2. Fruitfulness and growth of the tree cannot be expected the same year.
3. There is no plum that the curculio will not take, though any kind may sometimes escape for one year in one place.
4. Pear blight still puzzles the greatest men. The best remedy known is to plant two for every one that dies.
5. If you don't know how to prune, don't hire a man from the other side of the sea, who knows less than you do.
6. Don't cut off a big lower limb unless you are a renter and don't care what becomes of the tree when your time is out.
7. A tree with the limbs coming out near the ground is worth two trees trimmed up five feet or four feet trimmed up ten feet, and so on until they are not worth anything.
8. Trim down, not up.
9. Shorten in, not lengthen up.
10. If you have your arm cut off, you would feel it at your heart—a tree will not feel, but rot to the heart.
11. When anybody tells you of a gardener that understands all about horticulture and agriculture, and can be hired, don't believe a word of it, for there are none such to be hired. Such a man can make more than you can afford to give him, and if he has sense enough to understand the business, he will also have sense enough to know this.

Clean Your Cellars.

A good cellar seems indispensable to a house; but, my friend, you had better be without any than to keep a good one in a filthy condition. The general practice among people is to carry to the cellar all the musty barrels and all the other trash that naturally accumulates about a house. This is done simply to place these articles out of sight. Now, recollect that a cellar is apt to become foul of itself—the sun is obscured by the air moist; in addition the apples, potatoes, cabbages and turnips decay more or less and load the air with poison and odors. Now, if the air must escape, and if you don't drive it out it will force it out perhaps in your house, and you may awake some morning to find one or more of your family suffering with diphtheria, scarlet or other fevers, measles, and even small-pox.

These diseases are all produced by "foul air" in the first place, but can be and are propagated by contagion.

We all recollect that when the Prince of Wales had the fever, that the cause of his sickness was found to be a drain in bad condition, the foul air of which had found its way into his large and elegant sleeping room. Owing to his vigor of constitution and youth he recovered, but some of his attendants took the fever and died.

Now, if you have a filthy cellar, and your children take sick and die, and if there are rotten fruits, bins of decaying potatoes, turnips, cabbages, musty barrels, and all manner of disagreeable odors in your cellar, do not forget they breed disease, and do wonder whence the scarlet fever and measles can come from; but set to work and rout out all the foulness which lies under your feet.

Look to your musty barrels, and keep them clean; let the air and sunshine into your cellar, and deodorize it with copperas and lime. It is coming near Spring; and now is the time to attend to this matter. To be sure, it is not easy work; but neither is it easy to watch by the sick bed, to see our loved ones suffer, to have no rest night or day, and finally robe them for the grave. Science teaches us that we sow the seeds of epidemic fevers—sow them ignorantly, and then weep over the destruction that ensues, and call it God's doings!

Clover.

We are afraid of clover. We are afraid to feed it extensively, especially as a land feed; and afraid to plow it in.

This is wrong; very wrong. We are constantly losing in many respects. Clover, if we could only impress the fact on the general farmer, is a plant that draws from the atmosphere and enriches the land. Other plants do this; but clover more. It has to do with the most vital and important elements in manure, nitrogen, the very thing that is the rarest and most difficult to obtain. It improves the soil by its roots alone, if the crop is used for other purposes; this even if a seed crop is taken. How much more benefit then if a whole crop is turned down containing so much nitrogen? And you have the manure without working for it. The plant works for itself and for you. We get its strength from a free source, the atmosphere, the great store-house that gathers from all sources, but most from the energetic farmer.

And you can make this plant work for your poor soil. A little manure applied on the surface will do this, and if plenty of seed is sown there will be a thick set. Then it needs a chance with the atmosphere, and plaster will add this greatly. With warm showers there will be a growth almost surprising. It will be dense, fine stemmed and of fair length, depending somewhat on the season. Cut this when it begins to lodge, which will be about the time blossoms begin to appear; and then will be avoided all rot of mildew consequent on long, coarse lodging, and the yield will surprise you—two and a half or three tons, and such hay is not made from any other plant. And the second crop will be nearly or perhaps quite as good as the first. —Live Stock Journal.

Waterproof Composition for Boots.

One ounce of beeswax put into a tablespoonful of linseed oil and heated until the two are mixed and applied in a liquid state is an excellent remedy for leaky boots or shoes. The pores of the leather should first be opened by the use of a little water, applied half an hour before using the mixture. It will harden on the leather, and should be held to a warm stove until it is absorbed. It softens and will not injure the leather, rendering the soles more durable. Boots or shoes treated in this manner will turn snow water, however long they may be exposed to it. It does not interfere with polishing them. —Ex.

CHILDREN'S LOAF CAKE.—Five cups of dough, two of sugar, one of butter, ground caraway seed and two eggs. Line pans with buttered paper; bake as soon as light.

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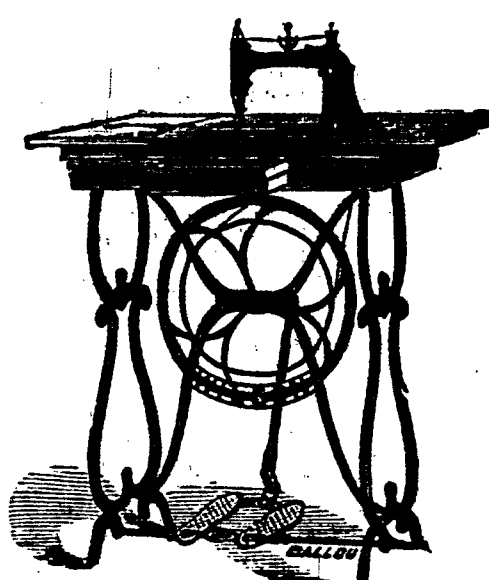
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LETTER FROM BISHOP SIMPSON.

PHILADELPHIA, April 17, 1868. T. G. Smith & Co.—Gents—Having used one of your Bradbury Pianos, it has given me great satisfaction to my family and to many visitors who have heard its sweet tones at my house. It is a very superior instrument, both in finish and power. I heartily wish you success as successor to the late Wm. B. Bradbury, in continuing the manufacture of his justly celebrated Pianos. Yours truly, SIMPSON.

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Vice Admiral D. D. Porter, Washington D. C., "The Bradbury is exquisitely and beautifully proportioned. We are delighted with ours."

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Robert Bonner, New York Ledger—"At any time will drop the lines of 'Dexter,' to listen to the tones of the Bradbury."

Grand Central Hotel, New York—"In preference to all others, we selected the Bradbury Pianos for our parlors. Our guests pronounce them splendid."

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T. S. Arndt, Philadelphia—"We have used for years, and can recommend the Bradbury Piano."

Philip Phillips, New York, says: "I have sang with and used the Bradbury Piano in my family for years."

W. G. Fischer, Professor of Music, Girard College, Philadelphia. "I use as my family Piano, the Bradbury, and can with confidence recommend them."

Rev. Daniel Curry, Editor Christian Advocate—"I purchased a Bradbury Piano, and it is a splendid instrument in every respect."

Theodore Tilton, Editor Independent—"If you were to ask my children, I am afraid they would say they liked our Bradbury almost as well as they like me."

Dr. Daniel Wise, Editor Sunday School Advocate. "I use the Bradbury Piano, and think like his music it cannot be excelled."

Rev. Dr. Ferris, New York. "My Bradbury has stood longer in tune, and sounds better than any Piano in my District."

Rev. Dr. Fields, Editor of the Evangelist. "I have used a Bradbury for years in my family, and think there is none superior."

Sands Street Church Brooklyn, St. Luke's M. E. Church, and a host of other churches use the Bradbury Piano in their Lecture and School Rooms, also the Conservatories and prominent Hotels in the United States.

John Caughy, Beaver Pa., purchased from me three years ago a No. 6 Bradbury, and says: "There is no better, or sweeter toned, or more desirable Piano, according to my judgment and experience, than my Piano. It has given entire satisfaction, and grows better as it becomes older."

Wm. McCoy, of Beaver, Pa., in the spring of 1871, bought from me a No. 8 Bradbury, which has proven to be a superior instrument in every respect.

Miss Mary McGaffick also owns and uses a Bradbury.

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