Agriculture.

HOW TO TEST THE RICHNESS OF MILK.

It is of no little importance to have at hand a convenient and reliable mode of testing the richness of milk. This is usually done by the mere rule of "guess." We will give a more reliable way, within the reach of all, and one whereby any person may safely govern himself in deciding upon which of any number of milkmen he will patronize, or of which of any number of cows he will purchase.

Procure any long glass vessel-a cologne bottle or a long phial. Take a narrow strip of paper, just the length from the neck to the bottom of the phial, and mark it off with 100 lines at equal distances; or, if more convenient, and to obtain greater exactness, into fifty lines, and count each as two-and paste it upon the phial, so as to divide its length into a hundred equal parts. Fill it to the highest mark with milk fresh from the cow, and allow it to stand in a perpendicular position twenty. four hours. The number of spaces occupied by the cream will give you the exact per gentage in the milk, without any guesswork.

Now, if you wish to carry the experiment further, and ascertain the per centage of butter in your cream, set the milk in a large dish, and collect, say 100 or 200 ounces of cream; make your butter, and you will know the per centage of butter in the cream by ascertaining the number of ounces of butter you have made from it. Thus, if 100 ounces of milk give 10 ounces of cream, and 10 ounces of cream give five ounces of butter, you will know that 100 ounces of milk will give five ounces

Such experiments are worth being made, and made carefully. In no other way can you know what you have in a cow or milk, or what you are buying. In this way also you may test the exact nutritive value of different kinds of milk from your cows-a very important matter. Farmers may derive much benefit by making a few simple experiments, now and then. They need not interfere with any of the regular duties of the farm; and nothing but a spirit of habitual indolence of thought and action will keep them from doing so. Such experiments often lead to important results, and evoke interesting and instructive facts. -Exchange.

FEEDING ANIMALS.

It has not proved profitable to feed cattle large quantities of grain at a time. ' A moderate quantity, fed with great regularity, and the comfort of the animals generally attended to, so that there may be a constant and continued improvement, has succeeded best. We have known a number of experiments, giving results similar to the following:-

A neighbour who had provided himself with a platform scales for this purpose, fed a fine steer first with four quarts of barley meal daily in addition to his fodder, and found by weighing that he gained regularly eighteen pounds a week. But he was urged to "push him," in order to see what could be made of so fine an animal. He was accordingly fed with eight quarts a day when the increase immediately became less; and on increasing the meal still turther per day, he gained nothing. Overfeeding had proved an injury. It is important to avoid the error of feeding animals too little for a time, and then attempting to make up the deficiency by overdosing. The best way, and in fact the only way for success. is to keep up a constant increase, year in and year out.

For feeding swine, it is important to grind the corn-for cattle less so, and it will depend much on the distances to the mill, cost of conveyance, grinding, etc.

The precise amount gained by steaming food for horses we do not think has been

accurately determined. As to the quantity of general feeding for cattle, they should have at the rate of two and a half pounds daily for each hundred pounds of their weight-a large animal, of course, requiring more than a small one. This quantity, moreover, varies with the character of the animal, the condition and quantity of the food, care in feeding, etc.; but it is about a fair average, when the food is of a mixed character, part chaff and part meal. Swine require about three pounds for each hundred pounds of live animal.

Rye sown in autumn makes early food for soiling; clover next, then orchard grass, early corn fodder, etc. - Country Gentleman.

MESSENGER ALMANACK.

June, 1870.

First Quarter, Full Moon, Last Quarter, New Moon,		**	6th, 7h. 2m. afternoon. 13th, 9h. 33m. morning. 20th, 5h. 19m. morning. 28th, 7h. 19m. afternoon.			
Day M Wk.	SU Rises.		1	MOON.	Sets.	High Tide
1 W 2 Th 3 F 4 Sa 5 SU 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 SU 13 M 14 Tu 15 W 16 Fh 17 F 18 Sa 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 SU 27 M 28 Tu 29 W 21 Tu 22 W 23 Th 24 F 25 Sa 26 SU 27 M 28 Tu 29 W 21 Tu 22 W 23 Th 24 F 25 Sa 26 SU 27 M 28 Tu 29 W 21 Tu 22 W 23 Th 24 F 25 Sa 26 SU 27 M 28 Tu 29 W 21 Tu 22 W 23 Th 24 F 25 Sa 26 SU 27 M 28 Tu 29 W 21 Tu 21 Tu 22 W 23 Th 24 F 25 Sa 26 SU 27 M 28 Tu 29 W 20 Th 21 Tu 22 W 23 Th 24 F 25 Sa 26 SU 27 M 28 Tu 29 W 29 W 20 Th 20 Th 21 Tu 22 W 23 Th 24 F 25 Su 26 Su 27 Tu 28 Tu 29 W 30 Th 30 Th 30 Th	4 28 4 22 4 22 4 22 4 21 4 20 4 20 4 20 4 20 4 19 4 19 4 19 4 19 4 19 4 19 4 19 4 20 4 20 4 20 4 20 4 20 4 20 4 20 4 20	7 31 7 32 7 38 7 34 7 35 7 36 7 37 7 38 7 38 7 39 7 40 7 41 7 41 7 42 7 42 7 42 7 43 7 43 7 43 7 43 7 43 7 43 7 43 7 43	6 18 7 9 8 8 9 12 10 20 11 29 A. 40 1 53 3 7 4 23 5 41 6 56 8 8 9 11 10 4 10 48 11 23 11 53 morn 0 20 0 44 1 6 1 30 1 55 2 22 2 53 3 29 4 13 5 4 6 1	1 62 2 44 3 37 4 30 6 21 6 11 7 2 7 53 8 45 9 89 10 37 11 35 morn. 0 36 1 36 2 33 3 27 4 18 5 4 5 49 6 31 7 12 7 54 8 36 9 20 10 54 11 46 A. 39 1 33	9 26 10 18 11 5 11 47 morn 0 22 0 53 1 24 1 53 2 28 2 55 3 32 4 13 5 4 6 1 7 2 8 6 9 13 10 15 11 17 A. 18 2 17 3 17 4 18 5 19 6 18 7 19 8 14 9 4	5 54 6 36 7 16 7 55

THE TIDES .- The column of the Moon's Southing gives the time of high water at Parrsboro', Cornwallis, Horton, Hantsport, Windsor, Newport, and

High water at Pictou and Cape Tormentine 2 hours and 30 minutes later than at Halifax. At foundland, I hour earlier, than at Halifax.

subtract the time of rising.

FOR THE LENGTH OF THE NIGHT -Subtract the time of the sun's setting from 12 hours, and to the remainder add the time of rising next morning.

GREAT CLOSING SALE OF English and American AT AND BELOW COST.

HE Subscriber will offer from this date the balance on hano of the above mentioned Goods remedy, are the following :at REDUCED PRICES. And will continue the sale until the whole is dis posed of.

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There is good Dwelling House, a large Outhouse, a very large Barn 60 feet long, and in prime order. A never failing well inside the House, and a thriving Orchard consisting of Apple and Plum trees near the House, pleasantly situated.

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Which I should nev-or like to lose If it belong'd to me. The above beautiful melody is from "THE UNION CHIMES," a new and superior collection of Hymns and Tunes of 150 pages, designed for the Sabbath School, Prayer Meeting, and the Social Circle, by G. W. Linton.

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Aug 12. WRIGHT'S

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Debility resulting from typhoid and other low fevers, Diptheretic Prostraion, Hysteria Hypochondria, Amenorræha, Chiorosis, Anæmia Leu corrocha, Nervous Excitability, Merasmus, or Wast ing of the Muscles, Aphonia, or Loss of Voice, Amaurosis, or Loss of Vision, Chorea, or St Vitus' Dance, Sluggishness of the Liver, Interrupted and Feeble Action of the Heart, Suffocating Feelings caused by mucous obstructions of the Lungs and Air

Psages leading thereto, and Debility from vaious ases, many of which appeared hopeless. For sale by Apothecaries at \$1.50 per Bottle, or ucof 7.50.

Oct. 28.

Ayer's Cathartic Pills,

For all the purposes of a Laxative La lioino.



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tried it, know that it cured them; those who have not, know that it cures their neighbors and friends, and all know that what it does once it does always - tart it never fails through any fault or neglect of its composition. We have thousands upon thousands of certificates of their remarkable cures of the following complaints, but such cures are known in every asignochool, and we need not publish them. A lapted to all ages and conditions in all climates; containing neither calound or any deleterious drug, they may be taken with safety by anybody. Their surar colling preserves them ever fresh and makes then plantant to take, while being purely vegetable no harm can arise from their use in any quantity.

They operate by their powerful influence on the internal visceen to purity the blood and stimulate it

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Minute directions are given in the wrapper on the box, for the following complaints, which these

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For Liver Complaint and its various symptoms. Bittoms Headache, Sick Headache, Janualice or Green Sickness, Bittoms Colic and Bittoms Fevers, they should be judiciously taken for each case, to correct the diseased action or remove the obstructions which cause it.

For Edwartery or Diarrham, but one mild dose is generally required.

For Ethennatism, Gout, Gravel, Palpitation of the Eleart, Pain in the Side, Back and Loins, they should be continuously taken, as required, to change the diseased action of the system. With such change those complaints disappear.

For Dropsy and Dropsical Swellings they should be taken in large and frequent doses to produce the effect of a drastic purge.

For Suppression a large dose should be taken as it produces the desired effect by sympathy.

As a Dinner Pill, take one or two Pills to pro-

As a Dinner Pill, take one or two Pills to promote digestion and relieve the stomach.

An occasional dose stimulates the stomach and bowels into healthy action, restores the appetite, and invigorates the system. Hence it is often advantageous where no serious derangement exists. One who feels tolerably well, often finds that a dose of these Pills makes him feel decidedly better, from their cleansing and renovating effect on the digestive apparatus.

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' Dr. Maggiel, your pill had rid me of all billous-! No more noxious doses for me in five or ten pill taken at one time. One of your pills cured me. 'Thanks, Doctor. My headache has left me. Send

another box to keep in the house. & fter suffering torture from bilious cholic, two of your pills cured me, and I have no return of the malady. 'Our doctors treated me for Chronic Constipation,

as they called it, and at last said I was incurable. Your Maggiel's Pills cured me ' 'I had no appetite; Maggiel's Pills gave me a hearty one.

'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 cholera morbus. The dear young thing got well in a

' My nausea of a morning is now oured.' ' Your box of Maggiel's Pills cured me of noises in the head. I rubbed some Salve behind my ears and the noise left.'

'Send me two boxes-I want one for a poor family. 'I enclose a dollar-your price is twenty five cents but the Medicine to me is worth a dollar.

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