

TIMELY HINTS FOR FARMERS

Whey For Calves.

Whey has the casein as well as the butter fat removed and hence is a much less valuable feed than skim milk. A good grain ration must be carefully selected as a supplementary feed. The calf to be fed on whey should receive whole milk for the first week or two. It can then be changed to skim milk. If this is not available it should be continued on whole milk. A calf will do better not to receive whey for five to six weeks. It will then take ten days to two weeks more to complete the change to whey. Calves will handle about the same amount of whey as skim milk—viz. fourteen to sixteen pounds daily per calf. An excessive amount may cause undue largeness of the paunch. The feeder will need to give more care and attention to calves fed on whey than to those fed milk.

The grain for whey fed calves should be selected for its constipating effect so as to counteract the tendency to scour. Oats, sorghum seed, shelled corn or middlings (as part of the ration) are good for this purpose. Avoid soy beans and other grains that have a loosening effect.—D. H. Otis, Experiment Station, Madison, Wis.

Moisture in Butter.

The best way to avoid excessive moisture in butter is to churn the cream at as low a temperature as possible until the granules are at least the size of wheat kernels. Then after drawing off the buttermilk add cold water and allow this to stand until the butter is firm. By drawing off this wash water and allowing the churn to drain until the granules are dry the hard butter can be worked without salt sufficiently to bring the water content of the finished product below 16 per cent. The secret in getting the moisture out of butter is either to get the granules firm and hard by clear water, then drain off the moisture as much as possible in the churn, or to add salt to such hard granular butter and then work the dry salt into the butter as much as it is possible without spoiling the grain of the butter.

SOME PERTINENT SILO REMINDERS

Important Things to Observe in Making Ensilage.

Two of the most important things to remember in making ensilage are to have the crop mature enough to retain its own juice in the silo and to keep without developing strong odors, says the American Cultivator. If the corn is not ripe enough it is sure to make strong smelling silage. The silo must be tight and the packing so close that the air is thoroughly expelled when the corn is put in and does not get in afterward. If from slack packing or from the buckling or springing of the silo walls, which often happens, air is retained or gets in later the losses may be so large as to make the whole thing a poor investment.

When selecting lumber with which to build a stave silo or in purchasing a ready made one, look to it that every stave is sound. Sapwood and worm eaten pieces should never be used in silo construction.

Two small silos, as regards diameter, are more economical to have than one large one, in that the silage can be fed with less waste from a small silo.

If one knows how many cows he is going to keep he can figure pretty accurately how large a silo he needs. Thirty pounds of silage is about the amount required by a cow each day, and if it is to be fed 300 days in the year that means that she will consume about three tons of silage. Accordingly all that is necessary is to find out how much a silo of different dimensions will hold. If it is only fifteen feet in diameter and twenty-four feet high seventy-six tons will be its capacity, but add six feet more to the height and it will hold 106 tons, and if ten feet are added it will hold 131 tons.

Whitewash a Disinfectant.
Whitewash on the poultry house makes the house look neater and has a purifying effect upon the interior when properly applied. Whitewash is better for this purpose than paint, but of course it must be applied more frequently.

Selecting Egg Layers.
Good laying hens, like profitable dairy cows, are not found in one breed nor alone in a few breeds. They vary according to type and individuality and should be selected with great care.

The Dairy Herd Leader.
The actual loss in the handling of one "leader" in the dairy herd in the course of a year will often more than pay for a Babcock milk tester, which can be bought at between \$4 and \$5.

Change the Sheep Pastures.
Change your sheep to fresh pastures as often as possible, even if after a rest of two weeks you go back to the old pastures.

Look at the ads that offer employment and you'll find the right one soon.

PRESIDENT ON RECORD BREAKING TOUR GREETED BY THOUSANDS AT EVERY STOP



PRESIDENT WILLIAM HOWARD TAFT SPEAKING TO TEN THOUSAND PERSONS IN GRAND RAPIDS, MICHIGAN.

The above photograph gives a fair idea of the remarkable reception tendered to President Taft in Grand Rapids, Mich. Fully ten thousand people gathered to hear him speak. Those who heard the President said that it was by far the best address he had made on the trip, and that seldom has he made a public address when it was so evident that he was speaking from the heart. His friends declare that such a speech in every one of the States he visits there would be no question about his unanimous re-nomination.



PRESIDENT TAFT AT LADIES LITERARY CLUB, GRAND RAPIDS.

THE FUTURE.
If we can say with Seneca, "This life is only a prelude to eternity," then we need not worry so much over the fittings and furnishings of this anteroom, and, more than that, it will give dignity and purpose to the fleeting days to know that they are linked with the eternal things as prelude and preparation.—Minot J. Savage.

The Spectroscope.
Originally the spectroscope was applied only to chemistry and in that limited field proved itself an invaluable aid in accurate analysis. By holding in a Bunsen flame a platinum wire moistened by contact with the skin the presence of a few grains of salt swallowed a few minutes previously can be detected with the spectroscope. Indeed, so wonderfully refined is the work of the spectroscopist that he can discover in a substance the presence of one three-millionths of a grain of metal.

Herbert Spencer's Oddities.
Herbert Spencer hated clocks which strike, especially out of door clocks. When staying in lodgings in a Berkshire village he sent a request to the owner of the principal house there that the stable clock, which struck the hours, might be stopped. He was not a good companion to go out for a drive with, as, if he did not feel well, he would ascertain how fast his pulse was beating and if it was not satisfactory would instantly give the order to return home.

Dinner Time.
Englishmen in Queen Elizabeth's time dined at 11 a. m., and Shakespeare rang up the curtain at the Globe theater at 1 p. m., the performance ending between 5 and 6 o'clock. By the time of Charles II, dinner had advanced to 3 o'clock, and the play began at 3 p. m., as Pepys records. A century later Horace Walpole complained of dinner being as late as 4 o'clock and evening not beginning until 6 o'clock. Up to the middle of the last century theaters opened at 6:30, dinner being proportionately earlier.

A Well Drawn Distinction.
Professor Brander Matthews, in an address at Columbia university, once made a striking distinction between the two words gormand and gourmet. "The difference between these two words," he said, "is plain. 'Gormand' and gourmet alike enjoy a good dinner, but as soon as it is over the gormand asks: 'What is there for supper?'"

Startled Schumann.
An amusing story of Schumann is told by a Vienna critic. The composer once accompanied his wife, who was even then a celebrated pianist, to the palace when she went to play before the king of Holland and was gratified by the monarch's compliments of her performance. The composer was somewhat surprised, however, when the king turned to him and courteously inquired, "Are you also musical?" They say Schumann was so indignant that he never spoke for an hour.

No Difference.
"My darling, I must confess I have deceived you. I am not rich; I am poor. Will it make any difference to you?"
"Not the slightest, Fred."
"I'm thankful for that. You are sure it will make no difference to you?"
"Not a bit. I can marry Mr. Richley."

An animal which is much larger than is generally supposed is the African gorilla. Its chest measurements are gigantic, and an old male standing less than six feet high has been found to weigh close on 400 pounds.

CLIMBING THE LADDER.
The first step on the ladder that leads to success is the firm determination to succeed. The next step is the possession of the moral and physical courage which will enable one to mount up, rung after rung, until the top is reached.

Brides Who Perch in Trees.
Among the Lolos of western China it is customary for the bride on the wedding morning to perch herself on the highest branch of a large tree while the elder female members of her family cluster on the lower limbs armed with sticks. When all are duly stationed the bridegroom clambers up the tree, assailed on all sides by blows, pushes and pinches from the dowagers, and it is not until he has broken through their fence and captured the bride that he is allowed to carry her off.

Pets and Pet Names.
The most graceful of domestic animals is the cat, while the most awkward is the duck," says an observer of nature. But it won't do to use these facts for a basis if you want to call a woman pet names.

John's View.
"My dear, suppose we take the children to the zoo today?"
"Why, John, you promised to take them to mother's."

The Least They Might Do.
Mother—in his last letter my son asked me to send him a half dollar to buy him a logarithm table. Friend—Well, really, I do think his college should at least supply his furniture.—Fele Meie.

Explanation Wanted.
"Oh, are you Mrs. Blitzer?" asks the flirtatious and beautiful woman on being introduced to her. "I have often met your husband. I must congratulate you. He is always such a happy looking man. I have noticed that particularly every time he has chatted with me."
"That evening Mrs. Blitzer says calmly but sternly to her husband: "Will you be so good as to tell me what makes you look happy when you are talking to other women?"—Judge's Library.

The Cost.
"Did the doctor relieve the child who was choking on the piece of undone bread?"
"Sure. He soon made him cough up the dough."
"How relieved the father must have been!"
"Yes; the doctor made him cough up the dough too."—Baltimore American.

The Usual Fate.
The unconscious stranger lay on the sidewalk breathing heavily and groaning. Two teeth were missing, his eyes were marked and his nose was bleeding.
"Who can he be?" said the crowd again and again.
"I guess he was some peacemaker," suggested the ambulance surgeon, surveying the wreckage.—Argonaut.

Measure For Measure.
Widow—I want a stone for my husband's grave exactly like the other one in the lot. Agent—But isn't it a trifle small for a man of your husband's prominence? Widow—No, sir. If Thomas thought a stone like that was good enough for his first wife I guess it's plenty good enough for Thomas.—Life.

"I see you advertise that you have found a lady's dog. How do you know it belonged to a lady?"
"When I was leadin' th' mutt down th' ax'noo he stopped in front of all th' show windows."—Toledo Blade.

IDEALS.
Ideals are like stars. You will not succeed in touching them with your hands; but, like the seafaring man on the desert of waters, you chase them as your guides, and, following them, you eventually reach your destiny.—Carl Schurz.

True to Life.
Manager—The critics say that in the play, "A Wronged Wife," you do not exhibit enough emotion when your husband leaves you, never to return.
Popular Actress—Oh, I don't, don't I? Well, I've had two or three husbands leave me, never to return, and I guess I know as much about how to act under those circumstances as anybody.—Puck.

The Drum Major.
The dignitary known as drum major was not generally recognized in the English army till the close of the reign of Charles I. Corporal punishment up to the time of William III, was executed by the provost marshal and his deputies, but afterward the drummer was entrusted with the task. Among the records of the Coldstream guards is an order that "the drum major be answerable that no cat has more than nine tails." In 1661 a drum major of the army received 1s. 6d. pay per diem.—London Mail.

Sir Roger de Coverley.
Ralph Thoresby, writing in 1717 of the family of Calverley of Calverley, Yorkshire, says: "Roger was a person of renowned hospitality, since at this time the obsolete tune of 'Roger a Calverley' is referred to him. He was a knight and lived in the time of Richard I." This passage carries the date of the origin of the tune back to about 1190. The Spectator in a description of Sir Roger, now called "De Coverley," says: "His great-grandfather was the inventor of the famous country dance which is called after him."

Sneezing.
Aristotle maintained that to sneeze at any time between midnight and noon was bad, from noon to midnight good, while at high noon it was propitious. Xenophon records that in the retreat of the ten thousand Greeks it was regarded as highly propitious for a general to sneeze while giving counsel to the troops.

That Was Different.
"I hope you will believe me when I tell you that you are the only girl I ever loved."
"No. That I refuse to believe."
"Then will you believe me when I tell you that you are the prettiest girl I ever loved?"
"Yes, yes; I am sure you are in earnest now."—Detroit Free Press.

Legal Advice.
"Sir," said a barber to a lawyer who happened to be passing his shop, "will you tell me if this is a good hair sovereign?"
The lawyer, pronouncing the coin to be quite genuine, coolly deposited it in his pocket, adding with great gravity, "If you'll send your boy round to my office I'll return the three shillings and fourpence change."—London Idea.

Simple Remedies For Fever.
The hot pack, the cold pack and cold bath for reduction of temperature should be used only under the advice and direction of the physician. In mild cases of fever, however, sponging the body with cold or tepid water or alcohol and water will prove grateful and often reduce the fever.—Woman's National Weekly.

"How old would you say she was?"
"Well, let's see. When we were in high school she used to snub me because I was a kid. Now I'm thirty-seven, and—well, I should say she was about twenty-eight by this time."

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