

## DAIRY POINTS

### MANY USES OF THERMOMETER

Particularly Essential to Give Temperatures of Milk, Cream and of Butter Making.

(Prepared by the United States Department of Agriculture.)

Hardly a useful instrument around a farm is more neglected than the thermometer. Properly appreciated, it would serve the farmer in many ways. Exact information on the temperature of the air is of importance; but there are dozens of other uses.

A thermometer should be the constant companion of the dairyman. In probably no other department of the farm can a thermometer be used to greater advantage than in connection with dairy operations.

The temperatures at which milk, cream, and butter are kept, and at which the various operations of butter making are carried on, are very important.

When milk is to be sold as such it should be immediately cooled. The reason for this is to stop the increase of bacteria as much as possible. Bacteria will reproduce themselves every half hour if the temperatures are favorable.

If milk is to be separated by the centrifugal process, it should have a temperature of about 90 degrees; if by the gravity method, it should be cooled to 50 degrees very soon after milking. The temperature at which cream is churned is an important item: 52 to 60 degrees Fahrenheit is considered about right. Butter should be stored in a cool place to keep it sweet. For all these purposes it is essential to have a thermometer, and one that can be depended upon for accuracy.

The necessity of maintaining correct temperature in an incubator need not be emphasized. The temperature is correct at 103 degrees, and it should not go lower than that, especially during the first six days. Some incubators have an electric alarm which rings a bell when the temperature goes below 103 degrees.

In the care of live stock, the clinical or fever thermometer may be found very useful. The following are the normal temperatures of farm animals: Swine, 104; goats or sheep, 102 to 103; cows, 101 to 102; horses, 99 to 99.6; dogs, 99 to 100. A rise of 1 or 2



REGINA McCABE and RICHARD LEARY Jr.



BLANCHE BLAIR

THAT Taniae is a wonderful medicine for delicate children is conclusively proven by the remarkable results accomplished in the cases of the three children shown in this picture.

Little Blanche Blair, of Providence, R. I., age 13, gained 10 pounds; Regina McCabe, at right, age 9, of Scranton, Pa., gained 15 pounds; Little Richard Leary, Jr., of Philadelphia, who was very delicate, is now in fine, robust health. The statements made by their parents are as follows:

Mr. A. M. Blair, residing at 20 Atwood street, Providence, R. I., said: "We are just so happy over the change Taniae has made in our little girl that we can't do or say enough to show our appreciation. She had lost nearly 20 pounds in weight and looked so frail and weak that her mother and I were both almost worried sick over her condition. Since taking Taniae, she has already gained 9 pounds, her color is better than it ever has been and she looks and acts like a different girl."

Mrs. Catherine McCabe, 414 Dickens Ave., Scranton, Pa., said: "The 'Nu' left my little Regina in such a bad condition that I have no idea she would be with me now if it hadn't been for Taniae. It is a mystery to me how she lived on the little she was eating and was so lifeless she never even cared to play with the dolls and toys she got at Christmas. Since taking Taniae she is as happy and well as any child could be and has gained 15 pounds in weight. I will always praise Taniae for restoring our little girl's health."

Richard Leary, 2342 Palethorpe St., Philadelphia, said: "There is no doubt in my mind but that Taniae saved my little boy's life. For two years I wouldn't have been a bit surprised to have seen him drop off at any time. He had stomach trouble and many a time the gas pressed up into his chest until his heart palpitated so I thought sure he couldn't breathe but a few more gasps. But Taniae gave him back to us strong and well and we will praise it to our dying day."

The effect of Taniae on the delicate stomachs of the young is one of the strongest evidences of its wholesomeness as well as its unusual strength. Taniae contains no harmful ingredients, minerals or opiates which are so often found in other medicines. Being composed of the most beneficial roots and herbs known to science it is purely vegetable and can be taken by the most delicate children, and does not upset or injure the weakest or most delicate stomach.

There is a Taniae agent in every town.—Advertisement.



Testing the Temperature of Cream Before Churning.

degrees is unimportant if temporary; but if permanent it indicates a serious condition which needs attention. A rise of 10 to 12 degrees in animals is usually fatal.

In calling a veterinarian by telephone, it is often important to be able to give the exact temperature of the animal. A good clinical thermometer, if available, should be used according to veterinary methods.

The thermometer will tell whether the cellar or storage house is of the right temperature for produce. Apples are frequently stored in outside cellars, where the temperature is best if it can be kept at 31 or 32 degrees; but 34 or 36 degrees will give satisfactory results. If the temperature is to be higher, the fruit should be placed in storage soon after being picked, to forestall preliminary decay.

For atmospheric temperature of a room the thermometer should be hung, if possible, away from the wall and where it will not be affected by air currents from open doors or windows or from stoves or artificial heat in the cold seasons.

With constant use one becomes acquainted with the instrument, so that dependence will be placed upon it; and with constant use uniform success in operations conditioned on temperature may be hoped for.

### MAKE ORCHARD WORTH WHILE

Trees Not Pruned and Sprayed Might as Well Be Cut Out and Land Planted to Corn.

Get ready for spraying the orchard trees. Better prune them first on warm days now. An orchard that is not sprayed and pruned these days might about as well be cut out and the land be put into corn. Wormy apples are neither valuable or usable at home.



## Help Your Kidneys Fight That Cold!

Winter Colds and Chills Weaken the Kidneys and Are the Direct Cause of Many Serious Kidney Disorders

Is winter-time your backache-time? Does every cold, chill or attack of grip leave you lame, achy and all worn out? Does your back throb and ache until it seems you just can't keep going another day?

Then look to your kidneys! Grip, colds and chills throw a heavy strain on the kidneys. They overload the blood with poisons and impurities that the kidneys have to filter off. The kidneys weaken under this rush of new work; become congested and inflamed.

It's little wonder then, that every cold

finds you suffering with torturing backache, rheumatic pains, headaches, dizziness and annoying bladder irregularities.

But don't worry! Simply realize that your kidneys are overworked at such times and need assistance. Get a box of Doan's Kidney Pills today and give your weakened kidneys the help they need. Assist them also by drinking pure water freely, eating lightly, and getting plenty of fresh air and rest. Doan's Kidney Pills have helped thousands and should help you. Ask your neighbor!

"Use Doan's," Say These Good Folks:

MRS. J. W. McKISSICK, 903 E. Bell St., Beatrice, Nebr., says: "I was in a miserable condition with my kidneys, caused by a cold settling in my back and kidneys. I had never been troubled before then and haven't been bothered since using Doan's Kidney Pills. A couple boxes cured me, and a cold never bothers my kidneys. I am only glad to give the credit to Doan's and know them to be a positive cure for such ailments."

GUST NUMSON, 401 E. Lincoln St., Blair, Nebr., says: "It takes cold it usually settles in my kidneys. My back gets lame and the muscles in my back and side hurt every move I make. I have a good deal of backache, too. When I get an attack now I take Doan's Kidney Pills and a few always give me prompt relief. I can highly endorse Doan's Kidney Pills, believing them to be all that is claimed for them."

# Doan's Kidney Pills

At all dealers, 60c a box. Foster-Milburn Co., Mfg. Chemists, Buffalo, N. Y.

### TOO VALUABLE TO DISCARD

Why Prcty Young Artist Has Decided to Celebrate Her Birthdays for Years to Come.

"I had a birthday recently," said the pretty young artist to the Business Woman, when they met for luncheon. "And the results were most pleasing."

"Gracious," said the Business Woman, "I thought you told me last year it was positively your last; mine come and go, and I've gotten to that stage where I really am in ignorance of the date."

"I had planned to let November 20 pass and not even think of it. But I suddenly realized I needed so many things, like handkerchiefs, hose, gloves, etc.—things that somehow go with birthdays. I had an inspiration—a lovely, practical one. I'm the youngest of a big family—so I typed on note paper a subtle reminder, my name, November 20, 1897, and my present address—you see, nothing but suggestion! It worked beautifully—every day for a week I've been getting something. I've decided it's silly to give up birthdays—expect to keep mine every year."—New York Sun.

### MOTHER! OPEN

#### CHILD'S BOWELS WITH CALIFORNIA FIG SYRUP

Your little one will love the "fruity" taste of "California Fig Syrup" even if constipated, bilious, irritable, feverish, or full of cold. A teaspoonful never fails to cleanse the liver and bowels. In a few hours you can see for yourself how thoroughly it works all the sour bile, and undigested food out of the bowels and you have a well, playful child again.

Millions of mothers keep "California Fig Syrup" handy. They know a teaspoonful today saves a sick child tomorrow. Ask your druggist for genuine "California Fig Syrup," which has directions for babies and children of all ages printed on bottle. Mother! You must say "California" or you may get an imitation fig syrup.—Advertisement.

#### By Telephone.

Geraldine—I'm so glad to hear your voice.  
Gerald—Thank you, dear.  
Geraldine—I mean at this distance.  
—New York Sun.

Opportunity doesn't wait for the man who is late.

Don't be a miser; coffins have no pockets.

CURES COLDS — LA GRIPPE in 24 Hours  
CASCARA & QUININE  
STANDARD remedy world over. Demand red box bearing Dr. Sill's portrait and signature.  
W. H. HILL COMPANY, DETROIT

### BELIEVED IN SAFETY FIRST

Small Ruth Wanted to Be Quite Sure About Her Proprietorship of That Apple Pie.

There was never any haste at Aunt Dorothea's table; consequently Ruth, the youngest of all the nieces and nephews who gathered at Hunting Hill in the summer, had learned what to expect. Everything was served by Aunt Dorothea herself, and age had strict precedence.

There came a day, however, when Ruth, returning to the family dining room after a season spent in her room with a sore throat, found at her place a little delectable apple pie, so small that it seemed as if it must be meant for her alone. Nevertheless, she determined to be cautious.

"Am I—" she looked anxiously toward the head of the table, where sat her awe-inspiring relative—"am I to be aunts for this pie, or is it all mine, Aunt Dorothea?"—Wayside Tales.

#### Now the "Hydro-Glider."

A new "hydro-glider" just completed on the west coast is described in Popular Mechanics Magazine. It is said to provide all the thrill and speed of a hydroplane gliding over the surface of the ocean. In fact, it amounts practically to a flying boat without wings, and is driven over the surface of the water by an air-propeller motor at a speed of sixty miles an hour.

#### At the Author's Club.

Brown—Smith's new novel, "The Horrors of Wedlock," has made him a fortune, hasn't it? It's the season's success.

Jones—Yes, he claims he's made enough out of it to get married on.—Life.

#### The Opportunity.

In this world the one thing supremely worth having is the opportunity to do worthily a piece of work, the doing of which is of vital consequence to the welfare of mankind.—Roosevelt.

#### Taken Literally.

She—There isn't a single man that I really care for.  
He—That's all right. I'm married. Shall we sit down?—The Argonaut.

Cuticura Comforts Baby's Skin  
When red, rough and itching, by hot baths of Cuticura Soap and touches of Cuticura Ointment. Also make use now and then of that exquisitely scented dusting powder, Cuticura Talcum, one of the indispensable Cuticura Toilet Trio.—Advertisement.

#### Connubial Pleasantry.

"Tired of writing, dearie?" she asked, emerging from her dressing room after exhausting her feminine arts in the attempt to appear beautiful.  
"Oh, no," he replied, wearily, "it's all in a wife-time."—Life.

If men had the courage of their convictions there would be more convictions.

Applied Advice.  
"I see young Reichlegh has given his limousine to a well-known actress."  
"I suppose that is his idea of hitching one's wagon to a star."—Boston Transcript.

Let Me Forget.  
She—Where is my picture?  
He—I have it in my heart.  
She—Ah! I see! Cold storage.

No ugly, grimy streaks on the clothes when Red Cross Ball Blue is used. Good bluing gets good results. All grocers carry it.—Advertisement.

When finally fame does come to the average man it has to rest on his monument.

The mold of a man's fortune is his own hands.

Any story told over a long-distance telephone is a sort of distant relay.

### ALL MEN AND WOMEN

When in Need of a Tonic Should Start on the Road to Wellville by Following This Advice

Davenport, Iowa—"Dr. Pierce's medicines have given my family the utmost satisfaction for the past fifteen years. I have taken 'Golden Medical Discovery' off and on, whenever in a rundown state or in need of a tonic, and one bottle each time restored me to a perfectly healthy condition.

"My wife praises Dr. Pierce's Favorite Prescription most highly for it tided her through middle life without the customary heat flashes, dizzy spells and nervousness.

"We think there are no medicines equal to Dr. Pierce's for they never once failed us and we both take the greatest pleasure in recommending these remedies to our friends."—S. P. Plumb, 129 W. 11 St.

Obtain now from your neighborhood druggist Dr. Pierce's Family Remedies, tablets or liquid. Write Dr. Pierce, Pres. Invalids' Hotel in Buffalo, N. Y., for free medical advice.

## A "balanced diet" may sound confusing to many people

The facts, as explained here, are simple.

The secret of a "balanced diet" is to have food containing all the elements needed for proper nutrition. These elements are protein, to nourish the tissues; starch and sugar to furnish energy; fat to supply heat; and mineral salts to provide the material necessary for building nerves, brain, and tooth and bone structure.

Grape-Nuts, the nourishing cereal made of whole wheat flour and malted barley, served with cream or milk, is a complete food for young and old alike.

Go to your grocer today and get a package of Grape-Nuts. Eat it with milk or cream for breakfast; or with stewed fruit, jelly or jam, as a delicious dessert for lunch or dinner.

Every member of the family will relish this palatable and nourishing food—

Grape-Nuts—the Body Builder  
"There's a Reason"

Made by Postum Cereal Co., Inc., Battle Creek, Mich.

## Regularity

Nujol makes you regular as clockwork.  
Without forcing or irritating, Nujol softens the food waste. The many tiny muscles in the intestines can then remove it regularly. Absolutely harmless—try it.



The Modern Method of Treating an Old Complaint  
**Nujol**  
For Constipation

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