Dairy and Creamery

A strictly first class up to date butter maker should be of mature age and have some experience and considerable dairy education, says George Dunford in the Farmer's Advocate. He should be possessed of a good head, strong arms and willing hands, and be honest and upright of mature age so that he will attend strictly to business and act like a mature person should; of experience that he may avoid the mistakes often sure to overtake the inexperienced. He should have considerable dairy education, that he may be able to apply the experience of others and disseminate the necessary knowledge among his patrons; possessed of a good head, that he may do at least a part of his own thinking and apply it practically, as well as being competent to manage a business requiring exceptional judgment; strong arms and willing hands, that he can and will do the work thoroughly and completely; honest and upright, that he can and will treat all his patrons, as well as the association or company, fairly, and always do the proper work at the proper time.

He should have some knowledge of arithmetic, engineering, machinery, carpentering, bacteriology and chemistry, be an expert with the Babcock test, and be clean, neat and accurate in all things.

His aim should be to produce the largest quantity and the finest quality of butter at the least possible cost, and the nearer he approaches this standard the more valuable are his services, and, so far as he is concerned, the nearer perfection has modern butter making become.

Most anybody can make good butter some of the time, but few can produce butter at all times.

When Great Care Is Necessary.

The elaboration of milk is not a voluntary action. It is a process of maternity to provide nourishment for offspring. Every disturbance retards the action of the milk functions. A voluntary action interrupted may be resumed, but not an involuntary one. A cow may lie down and suspend voluntary action, but the lungs, the heart and the mammary organs continue their functions uninterrupted by the cow's position. If for any cause the involuntary actions are interrupted, the result is serious and cannot be remedied. Great care should therefore be taken not to interrupt the full pace given to the lacteal function at time of maternity. Every disturbance or irregularity will surely cause a depression in their activity and a shrinkage in milk flow.

Score the Judges.

We are of the opinion that our friend Monrad first suggested a butter scoring contest for butter judges, and the plan is apparently an admirable one, writes A. K. Slater in Creamery Journal. It would certainly work no injustice upon those qualified to act, and if a man is not fit to perform the important duty of scoring butter those interested should be so informed. It would certainly result in strengthening the faith of those inclined to be credulous about the absolute justice in scoring butter and would satisfy everybody that the scoring was being done correctly. Give us a butter judge's scoring contest.

Importance of Care.

It is not so much the quantity of fluid in the milk pail that counts as does the number of butter globules it contains. Some cows are older and less profitable at eight years of age than others are at twelve. Difference in care is the cause of it.

Little Things That Count.

Experiments show that milking in a stable where the circulation of air can carry the dust out, wiping the udder with a damp cloth and scalding utensils with a live stream of boiling water will not only reduce the bacterial content of the milk, but increase the keeping quality of the milk material.

Dairy Husbandry Field Work.

The department of dairy husbandry of the University of Illinois has for the past year been conducting field work among the dairymen of the state. An attempt has been made to get them to weigh and sample the milk of each cow in their herds every seventh week, the object being to determine which of the individual cows are the most profitable, so that the farmer may be able to weed out the poor cows and keep only the profitable ones. Mr. A. J. Glover is looking after this work, and all necessary apparatus is furnished by the university. The farmers who take up the work are required every seventh week to weigh and sample the milk from each cow in the herd for fourteen consecutive milkings. From these results are estimated the amounts of milk and of butter fat each cow has produced for the three weeks before and will produce for the three weeks following the test. The cow's yearly record is made up from these tests, and in this way the total amounts of milk and of butter fat that she has produced during the entire year are determined.

The Milk Strainer.

Filters and strainers are of great value in purifying milk mechanically, are capable of removing a large portion of the filth from milk if applied before it has gone into solution. A milk strainer should be simple in its construction, all parts of it should be easily accessible to brush and cloth, its meshes should be fine enough to remove all the solid foreign matter and at the same time allow the milk to pass through the filter with a reasonable degree of rapidity.

Lost Hair

"My hair came out by the handful, and the gray hairs began to creep in. I tried Ayer's Hair Vigor, and it stopped the hair from coming out and restored the color."—Mrs. M. D. Gray, No. Salem, Mass.

There's a pleasure in offering such a preparation as Ayer's Hair Vigor. It gives to all who use it such satisfaction. The hair becomes thicker, longer, softer, and more glossy. And you feel so secure in using such an old and reliable preparation. $1.00 a bottle. All druggists.

If your druggist cannot supply you, send us one dollar and we will express you a bottle. Be sure and give the name of your nearest express office. Address, J. C. AYER CO., Lowell, Mass.

FOR **Biliousness.**

The liver must be gently stirred so that the bile will be thrown off in the right channel; the system must be invigorated

RAMON'S LIVER PILLS

AND TONIC PELLETS form the Mild Power Cure that completely does the work without shock or injury to any part of the system.

COMPLETE TREATMENT

25 doses 25 cents at all dealers.

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Will pay SPOT CASH for Oak, Poplar, Ash or Walnut. They will send a man to receive the lumber at loading point. They will pay you the highest market price. Write them stating what you have in the way of HARDWOODS

A. S. BYERS COMPANY, Atlanta, Ga.

The Crown.

There is no mention of crowns before the eighth century after Christ. The crown really did not become the head covering of kings until the times of the Christian rulers after the might and power of pagan Rome were broken. Before those days the crowning was done with a helmet. This change in the method of crowning the rulers is typical of the changes that occurred in the spirit that animated nations and races in the selection of their kings.

The first kings and chiefs, after the world had emerged from the patriarchal forms of government, were selected almost altogether for their prominence as leaders in war. Thus, gradually, the chief of the army became the chief of the nation. Almost all the ancient kings were military despots. Then, with the prevalence of Christianity and the overthrow of the old governments, came the new rulers who claimed to rule by divine right. They, too, were almost all military despots, especially in the beginning, but the world had progressed far enough to demand more proof of authority to rule than mere brute power.

Travels of a Bullseye.

A German scientist says that if a marksman at noon on a cloudless, windless day sets his rifle so that it will cover the bullseye of a target the gun will in the same position the next day, if it also happens to be cloudless and windless, shoot "high left." "The bullseye is apparently attracted by the position of the sun or of any other luminous point," says the scientist, "and apparently during the day follows the course of the sun in a semicircular line on the target."

This seemingly changed position of an object under the changing influence of light cannot, he thinks, be produced by refraction nor by the changing temperature of the air nor by changing barometric pressure. The change of position is instantly responsive to the sun breaking through a cloud. It cannot be akin to mirage, because the shooter would then have to lower his gun at noon instead of elevating it as he now does.

One of the Only "Kel's" Plays.

An ancient baseball fan tells this story to illustrate the quickness and trickiness of Mike Kelly, the one time king of the green diamond:

"A game between Boston and Washington was played at Beantown. Charlie Bennett was catching, and Mike Kelly was sitting on the bench when a foul which Bennett could not possibly get goes up in the air toward the bench, and Kelly, being captain, yells to the umpire that he will put Bennett out of the game, and at the same time he puts on a mitt with lightning speed and catches the ball. He then tries to make the umpire allow the catch, but the umpire, after wrangling a long time with Kelly, decides the ball was in play and Bennett could not be removed from the game until the ball had been caught by a player in the game, so he ordered the batsman to hit over. This was quick thought of Kelly, even if it did not work."

Glory.

Glory is but a transient dream that gives color to a sleep bespangled with illusions of greatness; a mirage, glittering, but unsubstantial, hovering above the oasis in the desert of life at whose fountain many a weary traveler would quench his burning thirst that he may press on to grander heights. It beckons us on to where the broad light plays on countless graves of those once called great, but now forgotten, upon whose gravestone is chiseled the mocking phrase, "Sic transit gloria mundi." How often does the victor, spent and worn, look around for the laurels and the peace he has earned, only to find the bubble bursted, the colors faded.—Roanoke Times.

Tortillas.

Tortillas, the Mexican substitute for wheat bread, are made from selected corn. The kernels are boiled soft in limewater and after being thoroughly washed are rubbed between the hands to remove the outer husk. They are then ground while wet to a soft mass with stones or a peanut butter mill, patted into thin cakes, baked on a dry griddle and eaten while still hot.

Somewhat Inconsistent.

Sir Hartley Williams, a celebrated judge of Australia, said he once knew a pious lawyer who was in the habit of praying for clients. "Imagine," exclaimed the judge, "the insult to the Almighty contained in the request that he should stir up strife among people, foment discord and promote litigation just to serve the selfish purposes of this pious solicitor."

CASTORIA.

Bears the Signature of Chas. H. Fletcher. The Kind You Have Always Bought

Rape as Forage Crop

Throughout the northern portion of the United States farmers and stock raisers could advantageously grow more of the succulent forage crops for feeding stock during the summer and autumn months, when the supply of grasses and clovers is often limited, says A. S. Hitchcock of the bureau of plant industry. Such crops may usually be grown on land that has already produced an early maturing crop of some sort, such as oats, rye or winter wheat. One of the best of these succulent crops is rape (Brassica napus Linn.), a plant closely related to cabbage, turnips, mustard and rutabagas.

How to Clean Silk.

It is little known that silk may be cleaned by sponging the soiled parts in the water that potatoes have been boiled in.

Must Have Kissed the Blarney Stone.

On the eve of Minister Wu's departure from Washington a young woman of his acquaintance said to him that she hoped to visit China some day, as what he had told her about his native country had been so interesting. "But you have never explained," she added, "why Chinamen take four or five wives." With a grave bow the oriental diplomat said, "My countrymen take so many in order that they may find in all of them the beauties and accomplishments of one such young lady as you."

True Philosopher.

"Well, sir, lightnin' sot his house afire, a airthquake swallowed half his land, an' then the river riz an' overflowed the whole business!"

"Well, what's he a-doin' of now?"

"Thankin' the Lord that he kin swim!"—Atlanta Constitution.

Hard to Meet Them, Though.

Miss Romantique (ecstatically)—I guess in Bohemia every one is Tom, Dick and Harry.

Painter Lott (a poor artist)—Oh, yes, and there are a good many bills there too.—Indianapolis Journal.

Feeless Information.

Mr. Tytephist (at the club)—By the way, doc, what is good for indigestion?

Doctor (fellow club man)—Well, a Welsh rabbit is sometimes good for about three days of it.—Chicago Tribune.

One thing is clear to me—that no indulgence of passion destroys the spiritual nature so much as respectable selfishness.—George MacDonald.

CHICHESTER'S ENGLISH PENNYROYAL PILLS

Beware of Counterfeits. Refuse all Substitutes.

Safe. Always reliable. Ladies, ask Druggist for CHICHESTER'S ENGLISH in Red and Gold metallic boxes, sealed with blue ribbon. Take no other. Refuse dangerous substitutions and imitations. Buy of your Druggist, or send 4c. in stamps for Particulars, Testimonials and "Relief for Ladies," in letter, by return Mail. 10,000 Testimonials. Sold by all Druggists.

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Cleanses and beautifies the hair. Promotes a luxuriant growth. Never Fails to Restore Gray Hair to its Youthful Color. Cures scalp diseases & hair falling. 50c. and $1.00 at Druggists

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For Infants and Children.

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Your Tongue

If it's coated, your stomach is bad, your liver is out of order. Ayer's Pills will clean your tongue, cure your dyspepsia, make your liver right. Easy to take, easy to operate.

25c. All Druggists.

Want your moustache or beard a beautiful brown or rich black? Then use

BUCKINGHAM'S DYE for the whiskers

50 Cts. of Druggists or R. P. Hall & Co., Nashua, N.H.

A. K. PARK,

The Oldest Dry Goods Firm in Greenville.
The Original West End Dry Goods Store.

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Summer Goods Must Make Room for Fall Goods.

I am not running a "COST" business but all wash gooda must now go at "BARGAINS"

8 and 10 cent Light colored Percalls at . . 6c.
Figured Dimity at . . . . . 6c.
A Good Quality of Colored Lawns at . . 5c.
⅓ off on Ladies and Misses Oxfords.
White Goods—Mercerized and Lace Effects at 34⅓ per cent off.

These prices are made to round up Summer business and will remain as long as goods last, All goods marked down 25 and 33⅓ per cent.

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For Cut Prices to suit the Dull Season on

GLASS AND CROCKERY-WARE, TIN-WARE, JEWELRY, ETC.

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Canned Goods, Pickles, Oat Meal, Crakers, Cakes, Candies, Fruits, Nuts, Tea, Coffee, Molasses. * * The Best Cheese on Earth.

Magic Stock and Poultry Food.

Used and recommended by all the Stock and Poultry raiser.

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Ampts Liquid Shoe polish.

Country Produce taken in Exchange for Goods

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Thanking our friends and customers for their liberal patronage in the past and hoping to merit a continuance of the same we are

Very Respectfully,

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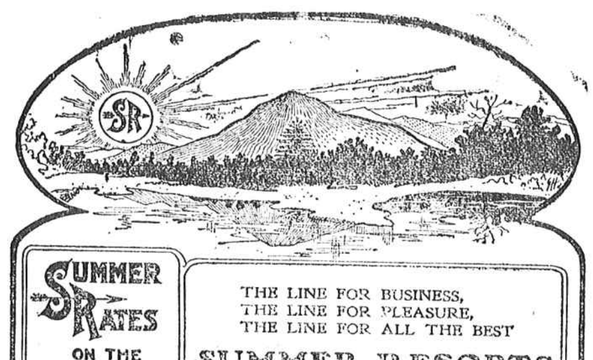

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"Seven years ago my wife commenced having spasms or fits and I called in my home physician and he said she was paralyzed. He rubbed her with salt water and gave her calomel and she eventually got some better, but in a short time she had another attack. She was confined to her bed for three months and the doctor could not help her. She had fits frequently, some times very severe. Her hands would cramp so we could not open them and she finally got so her jaws would become locked. Finally I saw the doctor was doing her no good and ordered a bottle of Dr. Miles' Restorative Nervine. She received so much benefit from the first bottle that I got some more. She has taken a number of bottles but has never had a fit since taking the first dose. She also thinks very highly of Dr. Miles' Nerve and Liver Pills and is never without them. If there is any way of making this testimonial stronger do so because of the good the Dr. Miles Restorative Nervine did my wife."—WM. Y. ALLEN, P. M., Elkville, Miss.

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I have had occasion to use your Black-Draught Stock and Poultry Medicine and am pleased to say that I never used anything for stock that gave half as good satisfaction. I heartily recommend it to all owners of stock.

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Sick stock or poultry should not eat cheap stock food any more than sick persons should expect to be cured by food. When your stock and poultry are sick give them medicine. Don't stuff them with worthless stock foods. Unload the bowels and stir up the torpid liver and the animal will be cured, if it be possible to cure it. Black-Draught Stock and Poultry Medicine unloads the bowels and stirs up the torpid liver. It cures every malady of stock if taken in time. Secure a 25-cent can of Black-Draught Stock and Poultry Medicine and it will pay for itself ten times over. Horses work better. Cows give more milk. Hogs gain flesh. And hens lay more eggs. It solves the problem of making as much blood, flesh and energy as possible out of the smallest amount of food consumed. Buy a can from your dealer.

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Opens at Greenville, Thursday

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This announcement will thrill with gladness thousands of customers who eagerly look forward to this great annual event. This year it will appeal with special force and money saving power to the great mass of the trading public.

Unfavorable weather conditions so far this summer have made it well nigh impossible for farmers to leave their work and do their summer trading. And now just in the nick of time, when they have caught up with their farm work comes this great mill end sale and gives them bargains greater than they could have bought in the Spring and early Summer.

The Bargains at this, our fourth and GREATEST MILL END SALE will be greater and more varied than ever.

Our Mr. Sturdivant has just returned from the northern mills and factories with an immense lot of Dry Goods, Shoes, Hats and Clothing bought especially for this GREAT MILL END SALE.

The scarcity of cotton and its high price will make all kinds of goods higher this fall than they have been in many years.

It will be money saved for every body to attend this great sale and buy all the dry goods, shoes, hats and clothing they may need before the prices goes higher—as they surely will this fall.

Send for a Mill End Circular.

Rain or Shine this great Mill End Sale will open Thursday July 9th and continue until Saturday, July 18th.

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An Oxford Feast.

300 pairs Womens Dongola Oxfords at 49c.
Big lot of Ladies Kid Oxfords in all styles and toes at 89c.
Every pair of Zeigler's Oxfords in the house will go at cost.
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1 Lot Men's all wool summer weight Pants ass'd patterns 98c.
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Every straw hat in the house will be sold at exactly half price.

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