

DAIRY

MAKING A PROFIT IN CREAM

Many Dairymen Are at Loss to Know Which Is Most Profitable Way to Dispose of Product.

(By G. L. MARTIN, Montana Experiment Station.)

The rapid development of the ice cream business within the past few years and the increased call from city trade, hotels and restaurants has created a large demand for sweet cream. For these trades it is desirable that the cream should test about 20 per cent, but often the test may vary up to 40 per cent, depending greatly upon the method of operating the hand separator. When selling cream to creameries, the price is quoted per pound of butterfat, but for ice cream and hotel purposes it is customary to pay by the gallon. As a consequence many dairymen are at a loss to know which is the most profitable way to dispose of their cream. The following general rules may serve to determine the relative market price per pounds of butterfat or gallon of cream:

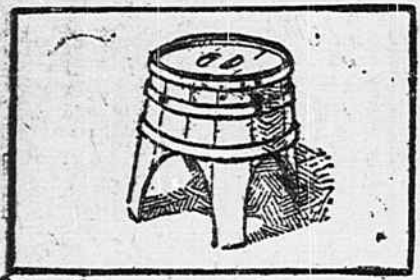
To find the value of a gallon of cream when butterfat is a certain price per pound, multiply the percentage of fat by 8 (the number of pounds in a gallon) and the product by the price per pound. At 30 cents per pound for fat, 20 per cent cream would be worth 48 cents per gallon; 25 per cent cream, 60 cents per gallon; 30 per cent cream, 72 cents per gallon; 40 per cent cream, 96 cents per gallon. At 35 cents per pound for fat, 20 per cent cream would be worth 56 cents per gallon, and so on.

To find the price per pound for butterfat when the price per gallon of cream is known, divide the price per gallon by eight times the per cent of fat. At 40 cents per gallon, 20 per cent cream would be worth 25 cents per pound of fat. At \$1 per gallon, 40 per cent cream would be worth 31 1/2 cents per pound of fat.

CONVENIENT AS MILK STOOL

Lard Tub or Large Candy Pail Can Easily Be Converted Into Handy Device for Dairy Barn.

(By G. A. RANDALL.)
The cut shows a handy milk stool and one very easily made. From a lard tub or large candy pail, with a key-hole saw cut out the wood at the top, as shown. One may thus make three or more legs, as desired. I find four



A Convenient Milk Stool.

are best. The top hoop must be removed to do this. Remove the side handles or ball and cut in the center of the bottom two semicircular openings to fit the hands as desired, these for a handle. This stool is stout, light and the right height for an ordinary person.

Most Profitable Cow.
The dairy farmer realizes that the comfortable cow is the most profitable cow and that induces him to look after the comfort of all his stock. Naturally he gets better returns from them.

Cleaning Dairy Pails.
In cleaning the dairy pails, special attention must be given the ears and seams, else dirt and milk will be lodged there, souring and tainting the milk as soon as drawn.

Unprofitable Cow.
There is no longer an excuse for the unprofitable cow, the Babcock test and a pair of scales, and it is easy to ascertain whether or not she is "delivering the goods."

DAIRY NOTES

To have your cows milk long, milk them clean.

Uneven salting and working make streaky butter.

Good cows are the first essential of profitable dairying.

It pays to please and satisfy a cow. A happy cow is a profitable cow.

Use the curry comb and brush on the dairy cow every day. It pays.

To feed economically, cows should be fed as individuals, not as a herd.

Cream that is being ripened should be strained several times before it is ready for churning.

There is more money in feeding a steer than in feeding a poor dairy cow, and much less work.

Protect the cream and milk from being contaminated by stable air by keeping the cans covered.

Home Town Helps

BUILT AROUND A DEAD TREE

Summer Rest Seat That Is Not Expensive, and an Ornament to Any Grounds.

The fact that summer rest seats do not have to be expensive to be attractive is demonstrated in the seat seen in the accompanying illustration. The seat has been termed the "Tree Summer Seat," from the fact that it is really built around a tree which was at one time growing at the point where



Attractive Summer Seat and Shade Built About the Trunk of a Dead Tree.

it now stands. Upon finding that the tree had lost all signs of life, the gardener in this park devised the novel idea of turning the dead trunk into this artistic seat rather than dig it out bodily.

Suiting the action to the decision he cut the main limbs off about six feet from the ground and to the top of these he fastened a pretty roof, which is made of palm branches. This done, the seat, which runs all around the trunk at a distance of about a foot and a half from the ground, was made out of sections of palm branches. In addition to being inexpensive, this seat is one of the most attractive in this very elaborate park.

This suggestion might well be followed by others. It is not an uncommon sight to see unsightly dead trees in public parks, which might be converted into useful and ornamental objects instead.—World's Advance.

SCREEN OF GOOD APPEARANCE

Has Durability and is Distinguished Looking, is Claim Made for New Idea on Market.

The attitude of the average person toward screens is expressed by the epigram, "Screens is Screens." When the fly foiler is in need of repairs, the man who is doing the work gets a few yards of screen with no regard to its nonrusting and wearing abilities. A western concern has invented a rust-proof which, according to the manufacturers, is finished with ten coats composed of three different materials. The copper coats are put on first; then the zinc coats are applied, and lastly a finishing material of lacquer is put on, which protects the zinc and also adds to the rust-resisting qualities of the screen.

All these coats are applied to the wire cloth after weaving by an electro-galvanizing process.

The color after finishing is a dull aluminum, making a handsome, distinguished looking screen.

Billboards a Public Nuisance.
Billboards are a public nuisance. They are dangers to human beings who have to live near them. They present real perils from the standpoint of public health, fire protection, police protection and reasonable safeguarding against accident.

This is the new and practical principle upon which the city council is now asked to amend Sections 706 and 707 of the present building code. It is a weapon against the billboard nuisance forged out of the perfectly definite practical rights of the citizen instead of from that newer metal known as his aesthetic rights. We may not have reached the stage when we have established the fact that a citizen has the right to be protected against eye-sores, but we certainly long ago reached the point when we recognized that his sanitary well-being, the protection of his life and property were charges of the state.—Chicago Post.

Barter's Soul for Lump of Soil.
The vice of earth eating is spreading through tropical parts of the Americas, the natives being from infancy addicted to the fatal habit, known scientifically as geophagy. It is always fatal, producing dysentery in adults and dropsy in the very young. Native mothers inculcate the vice into their children by giving them chunks of soft clay to eat. Once fastened on a person, the vice of geophagy becomes insatiable, and the victim will barter his immortal soul for a lump of soft, white clay.



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