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BUTTER! BUTTER!! BUTTER!!!

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Restessessessessesses Creamery Department

Butter makers are invited to send contributions to this department, to ask questions on matter relating to butter making and to suggest subjects for discussion. Address letters to Greamery Department.

r ------Value of a Pound of Butter

By H. R. Wright

The other day I met a fellow who sas mad. He said his grocer had asked him to pay 40c for a pound of but-ter and he'd be blankety blanked if he'd de it, because the price was out-rageous; and furthermore he had he'd de it, occaties the price was used and furthermore he had heard that a large manufacturer of butter had said that butter never ought to go above 30c a pound, anyway. I tried to jolly him a little about that large manufacturer of butter and found out that the man it. ter and found out that the man in question was not only large physically, but manufactured a large amount of butter. Then I got to thinking seriously about what a pound of butter really might be worth.

Of course

really might be worth.

Of course, everybody knows, and
the writer is no exception, that the
high price of butter in the winter
time is caused, in a general way, by
its searcity, and everybody knows
that the law of supply and demand
must in the long run fix the money
price of this staple food, but it occurred to me that the control of the control red to me that it might be wise to see whether from a food standpoint one could really afford to pay 40c a pound for butter.

WHAT FOODS ARE FOR

Foods, whether for man or beast, rous, whether for man or beast, serve one of two purposes, either to repair the waste of the body—that is, to furnish construction material to reto furnish construction material to re-build the body from day to day; or furnish the motive power for the ac-tivities of the body. It is perfectly well known that no one food is a com-plete food in itself. No one food can furnish both the construction materials and the motive power in just the right proportions, so that, even if it is discovered that one food can be bought for less money than another, it does not at all follow that we shall be able to use the single cheapest food and so economize to the greatest degree possible.

It's a human fashion, founded upon this truth, to eat a variety of foods, so that for purposes of comparisons we may ignore this fact and find the food value of each food and then com-pare, even if it is a fact that neither pare, even it is a fact that neither is a full substitute for the other. In the processes of digestion, exactly the same chemical change takes place as when a substance burns, and in both cases heat and energy are produced. the food value by the amount of latent heat contained in the article of food censidered. The unit of measurement is called a caloric.

The governmen, standard of the possible energy of good nutrients is as follows: One pound of protein possible energy of good nutrients is as follows: One pound of protein yields 1,814 calorics. One pound of fat yields 4,037 calorics. One pound of carbohydrates yields 1,815 calorics. The number of calories of food value required for a day's food is about 3,800.

VALUE OF DIFFERENT POODS

Having thus set forth what the wise men have given us as a proper unit of measurement of food values, we have only to get their statements of food values in calories to enable us to determine the respective values based sclely upon values based sciely upon economy, leaving out palatability, suitability and a good many other things that we may discuss later. A recent government bulletin, whose authority is un-questioned, gives the following food values for a number of the most usual

Milk, 310 calories per pound; skim-Milk, 310 calories per pound; akimmilk, 165; cheese, 1,550; eggs, 700; dozen eggs, 1,650; perk chops, 1,860; dozen eggs, 1,150; moked ham, 1,940; bacon, 3,030; cystors, 236; fresh fish, 236; oat ob realfast food, cooked, 285; macaroni, cooked, 415; while bread, 1,215; corn bread, 1,205; sugar, 1,800; potatees, 285; celery, 85; onlons, 225; opticatees, 285; celery, 85; onlons, 226; 3,410, 4,980; lard, 4,080; Lutter, 3,410.

3,410.

From this authentic table it appears that butter compares very favorably with a good many other very common foods if we consider their relative food values in connection with their well known prices. This is leaving the strength of the control of the co out of account everything but strict economy of purchase, and the absolute value of the food in calorics.

If we pay 40c a pound for butter, we must, if we are strictly economical, get the same number of calories of get the same number of calories of food value for our 460 when we ex-pend it fer other foods. To do so we must get for 40c approximately 11 pints, 5% quarts of milk at 7.27c; 3 pounds of beef steak at 14.3c; 2% 3 pounds of beef steak at 14.3c; 2% at 10.5c; 10 pounds of fresh fish at 4.14c; 3 cggs at 12.0c; 7 quarts of oysters at 5.20c; 7

COMPARISON FAVORABLE TO Some of these prices are ridiculous, and not one of them is easy to secure in the city and town markets. in my own city are such that one could, with food economy, pay some extraordinary prices for butter. a look at some possibilities based upon what our people actually pay for some

Milk at 10c per quart equals butter

at 55c. Beefsteak at 18 to 25c equals butter at 48 to 75c.

Fresh fish at 10 to 20c equals but-

at 18 to 20c equals Lutter at 45 to 50c.

Eggs at 25 to 35c equals butter at 75c to \$1.05.

75c to \$1.05.

It is therefore apparent that in comparison with these well known universally used foods, butter is an economical food at 40c a pound.

SOME THINGS THAT ARE CHEAPER A further, comparison of the food

A further comparison of the food value of butter with the food value of the vegetables and with bread, also with olive oil and lard, show that per caloric, food value may be obtained in caloric, Rock value may be obtained in those products for much less than in butter. For example, lard is much cheaper per pound and per caloric than butter, but one will hardly buy lard to spread upon his bread for that lard to spread upon his bread for that reason. A pound of sugar has as many calories of food value as a pound of smoked ham or a pound or cheese or a dozen and a half of eggs or a half a pound of butter, and may always be bought for much less mency, but it does not therefore. but it does not therefore, from a practical standpoint, take the place of either the ham or the eggs or the either the ham or cheese or the butter.

cheese or the butter.

The reason why people de not live
by bread alone, but demand both
bread and butter, is the universal
fact that the appetite craves and the
bodily needs require both. Potatoes
at 40c a bushel cost one-seventh as
much as butter at that price per
pound, but that don't enable us to
live upon postates alone. But nork pound, but that don't enable us to live upon potatees alone. But pork chops and beefsteak and eggs and milk and fish can and do take the place of butter, but very greatly to the disadvantage of the purchaser's pocket book, if we consider present vives Creamer Journal prices.—Creamery Journal.

We keep a dairy book, in which we make entries of all butter sold, name of purchaser, etc., and price received. Then we know how we stand at the end of the year—E. C.

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