

decrease in the total fat, and hence the average percentage of fat in the milk gradually increases, so that in the fifth month it is 0.5 greater than the average percentage in the first month. For the remaining three months the decrease in milk yield and in total fat was relatively the same. The influence of the period of lactation upon the composition of milk, while varying with individual animals, is, therefore, practically limited to the first five months.

The difficulty, so frequently experienced by dairymen when churning cream raised by the gravity system from cows somewhat far advanced in the period of lactation, is often due to the fact that, at that period, the fat globules become much smaller and the cream more viscous. To obviate this some food of a succulent nature should be given that will cause the secretion of milk to be of greater amount and not so viscous. Improper ripening, and keeping the cream at too low a temperature, is sometimes responsible for the difficulty in churning above referred to.

FEEDING FAT INTO MILK.

Quite a large number of successful feeders believe that they can increase the percentage of fat in milk by feeding certain kinds of foods, especially by increasing the percentage of fat in the food. The Cornell Station in an experiment in which varying quantities of tallow were fed found no increase in the per cent. of butter fat. A similar experiment in Germany showed that feeding tallow to milch cows did not increase the percentage of butter fat. The fat content was increased slightly during the first week or two, but disappeared later.

"There's a young woman who makes little things count." "How does she do it?" "Teaches arithmetic in a primary school."—*Boston Globe*.

BUY

Coleman's Salt
THE BEST

For Dairy or Table Use

IT IS UNEQUALLED.

Salt on the Farm

for wire worm, joint worm, army worm and all insects that destroy crops. Salt is the best insecticide. It is also a fertilizer.

TRY IT.

R. & J. Ransford,
CLINTON, ONT

LITTLE'S PATENT FLUID <NON-POISONOUS> SHEEP DIP AND CATTLE WASH

**The Original
Non-Poisonous Fluid Dip.**

Still the Favorite Dip, as proved by the testimony of our Minister of Agriculture and other large Breeders.

FOR SHEEP

Kills Ticks, Maggots; Cures Scabs, Heals Old Sores, Wounds, etc., and greatly increases and improves growth of Wool.

CATTLE, HORSES, PIGS, Etc.

Cleanses the skin from all insects, and makes the coat beautifully soft and glossy.

Prevents the attack of Warble Fly.

Heals Saddle Galls, Sore Shoulders, Ulcers etc. Keeps Animals Free from Infection

No Danger, Safe, Cheap, and Effective.

BEWARE OF IMITATIONS.

Sold in large tins at 75 Cents. Sufficient in each to make from 25 to 40 gallons of wash, according to strength required. Special terms to Breeders, Ranchmen, and others requiring large quantities. Sold by all Druggists. Send for Pamphlet.

ROBERT WIGHTMAN, Druggist, Owen Sound,
Sole Agent for the Dominion.

LUMP ROCK SALT for Cattle

Domestic animals, to be kept healthy, should have salt within their reach at all times.

VERRET STEWART & CO., Montreal.

When writing to advertisers please mention
FARMING

A BEAUTIFUL SOLID GOLD SHELL RING WITH A SIMULATING BIRTHDAY STONE MOUNTED IN GENUINE BELCHER'S ETING



FREE

YOU PAY NOTHING
SIMPLY SEND YOUR NAME
AND ADDRESS ON POST
CARD PLAINLY WRITTEN
and we will send you

Twelve packages of PETAL PERFUME (a con-

centration of the sweetest flowers) to sell for us, if you can, at 10 cents per package. When sold send us our money, \$1.20, and we will send you FREE one of our fashionable BIRTHDAY RINGS.

Perfume returnable if not sold. Mention this paper.

PETAL PERFUME COMPANY,
91 Adelaide St. - Toronto, Ont.

To each month is dedicated a precious stone, and according to the Greeks and Ancients any person wearing the enchanted stone of their birth month, lives their great and unending good luck. Thus to January is dedicated the garnet; February, amethyst; March, blood-stone; April, diamond; May, emerald; June, agate; July, ruby; August, sardonyx; September, sapphire; October, opal; November, topaz; and December, turquoise.

CREAM . . . SEPARATORS

THE ALEXANDRA
Hand and Power. Capacity 160 to 2,000 lbs. \$50 to \$350.

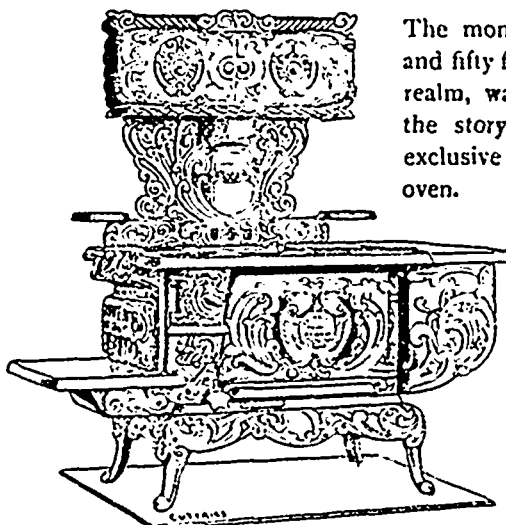
THE MÉLOTTE
Hand Style only. Capacity 330 to 850 lbs. Price \$100 to \$185.

Up-to-date Dairy Machinery
and Supplies.

AGENTS WANTED.

R. A. LISTER & CO., Ltd.,
18 St. Maurice Street, MONTREAL.

\$155 in Prizes on Souvenir Stoves



The money is there—a cold one hundred and fifty five dollars—in current coin of the realm, waiting claimants who can best tell the story of the Souvenir range, and the exclusive advantages possessed in its aerated oven.

This amount is given in four cash prizes—\$40, \$30, \$25 and \$20, for the four best essays, open to anyone, and a fifth prize of a \$40 Souvenir range, open to a farmer's wife or daughter only, who will tell successfully what they know about Souvenir ranges.

Full particulars of this contest, together with booklet, containing

pointers on the Souvenir ranges, free on application to any of our agents, or by post-card request to the manufacturers.

The Gurney-Tilden Co., Limited, Manufacturers
HAMILTON, CAN