



Making an Extra Profit

Like other keen farmers, you are after extra profits. Rich land pays you an extra profit over poor land. It pays well to keep cows on wheat, fruit and other farms to enrich the land. High-producing cows pay you an extra profit over average cows—and the high-producing

SHARPLES

Tubular Cream Separator

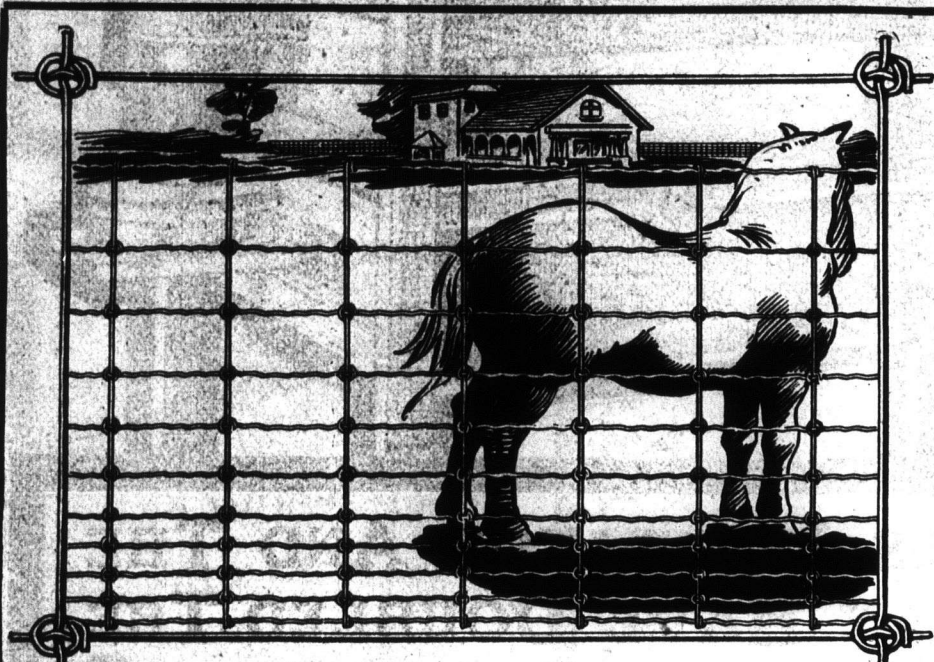
will pay an extra profit no other separator can pay. This is because Tubulars have twice the skimming force, skim twice as clean and produce the finest velvety cream. This extra Tubular profit appeals strongly to shrewd dairymen and business men.

One instance, out of many, is the Free Masons' Home shown above, which is located at Windsor, Nova Scotia. Reverend J. B. Merrill, superintendent of the home, while treasurer of a well-known creamery, discarded a disk machine for the Tubular. The simple, sanitary Sharples Dairy Tubular, which contains no disks, is the machine which does the work for this well-known home and its guests.

Remember that the oldest separator concern on this continent positively guarantees Tubulars forever. Write at once for Catalog 248 and learn about the extra TUBULAR profits.



The Sharples Separator Co.
Toronto, Can. Winnipeg, Can.



"Great West" Wire Fencing

is manufactured from the heaviest and best hard drawn Bessemer Spring Steel Wire, heavily galvanized and guaranteed to be full gauge. Our aim is to supply something of extraordinary strength, and we are making our fences of good strong wire throughout. This enables you to save half your posts and the cost of setting the same.

For every dollar spent on "Great West" Wire Fencing you will get a dollar's value and be more than paid by results.

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OUR ENGINES PAY FOR THEMSELVES

IN FUEL SAVING and IN TIME SAVING!

They burn gas, gasoline, kerosene and distillates. They have no great cumbersome base and consequently are easily and quickly moved from one job to another about the farm. Write for information about new Free Trial Offer of our latest improved

GASOLINE ENGINES

Note the compactness for ease in handling! Note the pulleys on both sides! Write for facts regarding our new Slow Speed, High Duty Engine, the engine that gets up-to-date power from every quart of fuel—one that has the record for lowest upkeep cost—that is the quickest and easiest starter—has least vibration—perfect lubrication, steadiest power, least wear and tear. Mail us your name and address on a post card, today, giving us the size of engine you need and the use you will put it to. We make 1 1/2 to 5 h.p. single cylinder engines; 8 to 25 h.p. two cylinder; 30 to 50 h.p. four cylinder. Quick action on your part is demanded to get this free offer. Don't buy or order an engine until you investigate the TEMPLE MAKE.

This is our 60th Year.

1 1/2 to 5 H.P. Single Cylinder TEMPLE PUMP CO., 435 W. 15th St., CHICAGO 8 to 25 H.P. Two Cylinders

enough to swallow without some danger of the root lodging in the throat or gullet. However, if the animals succeed in swallowing enough of these frozen vegetables, the heat of the body soon thaws out a poisonous gas, which, if it does not kill an animal by bloating and suffocation, is liable to do so by direct action upon the heart.

In this way animals often die suddenly, even when they are not as greatly distended with gas as they are by eating young alfalfa or clover. If an animal does not consume enough roots to cause death they are very apt to consume sufficient to cause a great disturbance of the entire system, and especially the digestive organs.

There is great danger of causing a partial paralysis of some parts of the stomach or bowels, and this is oftentimes manifested by either constipation or diarrhea. The animal has an anxious look and sometimes manifests its discomforts by a grunt at each respiration.

There is usually a drooping of the ears, horns are cold, if animal has horns, and, in fact, the animal is very much disturbed, and if it be a milking cow she drops off considerably on her flow of milk, which indicates the importance of keeping the digestive organs in order, to obtain the best results.

being filled with water to keep the blossoms fresh.

When you come to think of the pansies of many years ago and compare them with the Imperial German and Giant Excelsior pansies of to-day, the progress made in pansy culture is apparent. The many colors and varieties of the modern pansy are indeed a triumph of floriculture. And the size! Why, it was not considered possible years ago to produce such large pansies. A good way to arrange a garden bed of pansies is to plant seed of one color, for instance, a deep blue or yellow. Bouquets of such blossoms also look well when arranged in an appropriate vase. I will improve this opportunity to say that amateur florists should show greater discrimination in the use of vases. One kind of vase is not adapted for all kinds of flowers. Have a number of vases and then select the one that will give the best effect.

White Diarrhea.

What shall I do for my little chickens. When they are about two or three days old they have diarrhea and droop around and die.—Mrs. I. B. Menlo, Ia.

Diarrhea in very small chicks causes



Pansies from Seed.

I knew a certain little girl who boasts of having pansies all through the winter. She attends the high school and every morning you may see her wear a small corsage bouquet of the beautiful blossoms that is the envy of all her companions. And yet, if they but knew it, they could wear pansies as well as she, and procure them with but little trouble. Pansies are quite as easily raised from seed as many annuals. The little girl referred to gets a number of cigar boxes, bores holes in the bottom thereof, fills them with sandy loam, and plants the seed in early summer, putting each seed in a place of its own. By October the plants are large enough to be transplanted, and before Christmas they begin to blossom and continue in bloom throughout the cold months. They do not require any special attention, only the ordinary treatment house plants receive.

Pansy blossoms may be used to beautify the house. Many complain that their short stems render them useless for home decoration, but these probably do not know that ornamental dishes may be purchased at any first-class crockery store that are intended especially for pansies, and when filled with the beautiful blossoms form an admirable centerpiece for any dinner table. These dishes are covered and the slightly convex cover contains numerous perforations for the insertion of the separate blossoms, the bottom of the dish

more losses than perhaps any other cause. Simple diarrhea will usually require no more treatment than removing the original cause, which in most cases is improper feeding, causing a derangement of some part of the digestive organs or alimentary canal. This gives rise to a fermentation of the food in the intestines, which if allowed to remain will become chronic and develop into a serious case of dysentery or enteritis that may produce fatal results. Removing this fermentation material with Epsom salts often corrects the trouble. In very young chicks—those from 1 to 3 weeks old—the digestive organs are so very delicate that even a slight disturbance makes a serious handicap to the growth and life of the chick. No harsh medicines can be of much avail, but the corrections must be made in the feeding and care. This form of diarrhea in very young chicks is often called "white" diarrhea, and appears to be an infectious disease caused by different bacterial organisms according to its nature and extent. There are several alleged causes that might be mentioned: Debilitated or weakened breeding stocks; improper incubation or improper brooding; overheating; chilling; poor ventilation; overcrowding; poor or improper food and filth as well as the specific bacteria or other parasitic organisms we have referred to. These latter, some claim can be transmitted through the egg. Investigations have been carried on by the state and national institutions with a view of finding the cause and applying a complete and effective remedy. The

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