

HYLO SILO

Sweet Fresh Ensilage down to the last stalk!

THE HYLO SILO is a truly amazing. No longer is quality sacrificed for quantity. Convenient and perfect feeding down, available without summer or winter. Made of Guaranteed Long Last Yellow Pine. Built to last a lifetime. Satisfaction when you see.

Write for prices and literature. AGENTS WANTED.

Glen Mills Co. Ltd. 47 York St. (A1)



The Roof that lasts a lifetime



Fire, Storm, Wind and Lightning Proof

PEDLAR'S OSHAWA SHINGLES

The ideal roofing for your home. Cannot burn, rot or decay. When properly grounded, a roof covered with Pedlar's "Oshawa" Shingles is immune from damage by lightning. Such a roof will last a lifetime without need of repair.

Write for Roofing Booklet "F.D."

THE PEDLAR PEOPLE LIMITED

(ESTABLISHED 1861)

Exclusive Office and Factory: GERRARD ST. E.

Toronto, Montreal, Winnipeg, Vancouver.



CURDALAC AND SPONGY PEPSIN

(STANDARDIZED)

The First and Original Peptic Coagulants. Not an experiment. Time-tried and a demonstrated success in the manufacture of Canadian cheese.

START-O-LAC

(LACTIC-ACID CULTURE)

A pure culture of selected and treated lactic-acid-producing bacteria for fermenting milk and cream, and improving the quality and flavor of cheese, cottage cheese, butter and buttermilk.

GERMTOX

(NOT A POISON)

A scientifically prepared Germicide, Disinfectant and Deodorant. The ideal sterilizer for all dairy utensils.

These products are sold by all dealers in dairy supplies. Write to us for descriptive booklets and any other desired information.

PARKE, DAVIS & CO.
WALKERHILL, ONT.
MONTREAL, QUE.



Poultry Pointers

MANY of our best breeds got their start by an accidental cross. Where fowls have been housed, are not over-crowded, and are properly fed, they do not suffer by being kept indoors during the bad weather in winter.

It is taking a big risk to continually change the bill of fare. Too many cannot let well enough alone.

Thanks to the Pure Food Commission, the time has arrived in the United States when cold storage and preserved eggs can no longer be passed under a different guise. They must be labelled just what they are. This move not only protects the customer, but it gives the poultryman a chance to sell his fresh-laid eggs at a price that will give him his just dues.

Geese thrive on the same food as that given other poultry. Grass is their natural diet but during the winter when grass is a scarce article, they do wonderfully well on a mash in which bran and meat scrap are well represented, with whole grains—corn, wheat and oats—at night. A pair of geese will produce an average of a dozen goslings each year and these find ready sale around the holidays.

The changeable, and at times hard winters we have been having, is a severe blow to the health of fowls. It is easy for them to catch colds, and the wide-awake poultryer is kept continually on the watch. But the cry of "It is not heard so much now as formerly, and this is due, we firmly believe, to the poultryman grasping the fact that the more we keep our poultry to fresh air conditions, the harder will they become.

It is claimed that the Commission merchants of New York City handle 1,274,000,000 eggs every year. This makes New York the greatest egg-consuming city in the United States. One commission merchant who had an idle hour, got down to figuring. He learned that the hens of the United States lay about 15,523,948,194 eggs every year, and the egg measures about two inches in length. If all the eggs laid were placed end to end, the line would extend 4,923 miles—a fine four times the distance from New York City to Jacksonville, Florida; or it would go away out to San Francisco and start back to New York again.

No one can foretell the sex of chicks while still in the egg. But it is known that eggs collected in the early part of the season will predominate in males; also, when a cock had only a very limited number of hens to fertilize. The reason is that the cock in spring is in his full vigor, but becomes less vigorous as the season advances. If the male parent is old and the females young more hens than cocks will be laid; the contrary is true if the cock is young and the hens old. As to the shape of the eggs it varies according to the age of the layers; thus, the eggs of pullets are smaller and more pointed than those of old hens. Loose and pointed eggs do not give any more males than round ones. Some say that the egg produces a cock if its crown or air space is horizontal, a hen if it is oblique, that is, slanting. In our experience we have not found such results.—M. K. B.

Dried Eggs in England

THE high cost of eggs in England has led to the birth of quite a new big business in dried eggs and eggs in solution. One large firm selling dried eggs has undertaken an extensive advertising campaign to push these eggs upon the attention of

retailers, who in their turn are being enabled by other advertising matter to attract their customers to the goods.

The dried eggs which they advertise are entirely soluble and take up the water like a lump of sugar and thus give the perfect creamy liquid of a beaten shell egg ready for instant use on mixing. Dried eggs are no longer to be regarded as war food; they have come to stay. This firm predicts that in the near future the properly dried eggs will have become one of the largest used and most important of our foods.

Turkeys and Their Management

TURKEYS require a wide range as they do not endure confinement, being as yet rather wild in their habits, preferring to seek their feed in the fields than to stand around the farmer's pen. Where they can have the run of a farm they require but little feed after they are a few weeks old until it is time to fit them for market.

They should be fed a little grain each evening to keep them in the habit of coming home to sleep, yet this is not always effective, as they will not come home very regularly at the season when grasshoppers or other natural feed is abundant.

After the young turkeys, which are called "poults," are hatched, they should be kept for several days in a coop to which is attached a small run. This should be set on dry ground, and the sleeping part should have a board floor. Move the coop and run frequently, so the little poults can get at fresh grass. Protect them from dampness and the direct rays of the sun if the weather is at all warm, as they cannot endure direct sunbathing when very young.

The poults may be fed bread which has been soaked in sweet milk and pressed as dry as possible by squeezing in the hand. A little fine grit and finely cracked oats, wheat and corn make good foods for them. They like young onion tops cut fine, and these are good for them. Give them plenty of pure water at all times. Good sweet beer serves in small quantities are also advantageous. As a general thing, copy nature as nearly as possible, never giving really wet feed. The wild poult is a seed and grass eater, and there is no advantage in trying to change its habits of feeding when we raise it in the farmyard. Do not overfeed young turkeys. This is very easily done and leads to trouble. Feed them often, but never more than they will eat with a good appetite.

Place finely-broken charcoal where they can get it at any time. This prevents bowel trouble. As the poults grow give them coarser feed and allow them to run about the place. As soon as the young begin to show the characteristic red caruncles on the neck they are safe. This is called "shooting the red," and as soon as the poult begins to shoot the red the owner need not worry about keeping it protected any longer. It will then endure any kind of weather. Turkeys do best when they sleep out of doors or under an open shed, protected from the coldest winds. They are perfectly hardy and withstand severest weather and do perfectly well. If they are kept in close houses they are likely to become diseased and lose their hardiness.

In the fall begin feeding grain to the turkeys in larger quantities, and towards the time they are to be marketed give them all they will eat. Corn is a good fattener for turkeys. It makes the flesh sweet and tender, and puts a finish on the body that gives it a very attractive appearance in the market. What gives a fine, firm fleshing, but its feeding is now prohibited by law.

Make Your Bike a Motorcycle

Shaw Attachment Fits Any Bicycle

Make your old bike a powerful, easy-riding, light weight power machine. Convert it to a motor. No need of tools or knowledge necessary. Battery or gas motor. Thousands of men in the army and navy have used this wonderful little engine. **FREE BOOK**—Write for price, terms, etc. See what a big saving.

MANUFACTURERS
Dept. 10
MILWAUKEE, WIS. U.S.A.



THE SELF-OILING WINDMILL

Has become so popular in the last three years that thousands have been called for to replace the old type, other makes of mills, and to replace, at small cost, the parts of the machine. **Automatic, making them self-oiling.** The enclosed motor is of the most perfect design. It keeps out dirt and is self-oiling. The system constantly feeds every bearing with oil, preventing wear and enabling the mill to pump in the largest bonnet.

The pump is renewed once a year. Double Glass can hold, each carrying half the load. We make Canadian Engines, Turbines, etc. Water Supply Goods and Steel Frame Saws. Write **ARMSTRONG CO.** 7534 Yond St., St. Paul.

Food Will Win the War

Serve your country and yourself by raising **FOOD** on the fertile plains of Western Canada. The Canadian Pacific Railway makes it easy for you to begin. Lands \$11 to \$30 an acre; irrigated land up to \$50; 20 years to pay. Loan to assist settlers on irrigated land. Get full particulars and free illustrated literature from

G. B. MUDDIMAN,

Land Agent, C. P. R.,

Montreal, P. Q.

ROOFING AT FACTORY PRICES

WE ARE THE LARGEST CONTRACTORS IN THE WORLD FOR THE ROOFING OF FACTORIES, SHEDS, ETC. Write for Free Booklet.

HALLIDAY COMPANY - HAMILTON

FACTORY, DIE & SHEDS, CANADA

He is a good farmer—he reads Farm and Dairy regularly.

Brantford Kerosene Engines

1 1/2 to 40 H. P.
Stationary, Mounted, Traction



These engines are the perfect product of years of study and experimentation with Internal Combustion Engines, and are a demonstrated success because of the fact that they run throughout Canada. Get one this season and let it replace your hired man. It's a gluton for work and its running cost is little, as it runs on kerosene oil.

We also manufacture a full line of **WINDMILLS, Grains, Saw Frames, Pumps, Tanks, Water Boxes, Concrete Mixers,** etc.

Catergore of any line mailed as requested.

GOOLD, SHAPLEY & MUNN CO., LTD.

Brantford, Winnipeg, Regina, Calgary.

Tractors, Automobiles, Aeroplanes, Trucks and Motor Boats give better service and last longer when lubricated with En-ar-co National Motor Oil.



The Canadian Oil

Branch O

Dept. M5 2-12 Str