

## HEART WAS BAD WOULD WAKEN UP IN DISTRESS.

There is nothing that brings with it such fear of impending death as to wake up in the night with the heart pounding and thumping. This uncertain and irregular heart action causes the greatest distress of both mind and body.

Milburn's Heart and Nerve Pills strengthen and invigorate the heart, so that it beats strong and regular, and tone up the nervous system so that the cause of so much anxiety becomes a thing of the past.

Mr. Archie Beaumont, Edgett's Landing, N.B., writes:—"Have been bothered with my heart and nerves for about six years, caused by overwork and worry. My heart was so bad I would wake up several times during the night in great distress, and my heart thumping. About a year ago I took three boxes of Milburn's Heart and Nerve Pills, and they helped me a great deal."

Milburn's Heart and Nerve Pills are 50c. per box, at all dealers or mailed direct on receipt of price by The T. Milburn Co., Limited, Toronto, Ont.

## MINIMIZE THE FIRE PERIL BY USING EDDY'S

Chemically  
Self-extinguishing  
"Silent 500s"

the matches with "no after glow"

EDDY is the only Canadian maker of these matches, every stick of which has been treated with a chemical solution which positively ensures the match becoming dead wood once it has been lighted and blown out.

Look for the words "chemically self-extinguishing" on the box.

**BLACK LEG** LOSSES SURELY PREVENTED  
by CUTTER'S BLACKLEG PILLS  
Low-priced, fresh, reliable, preferred by western stockmen, because they protect where other vaccines fail.  
Write for booklet and testimonials.  
10-dose pkg. Blackleg Pills, \$1.00  
50-dose pkg. Blackleg Pills, \$4.00  
Use any injector, but Cutter's simplest and strongest.  
The superiority of Cutter products is due to over 15 years of specializing in VACCINES AND SERUMS ONLY. INSIST ON CUTTER'S. If unobtainable, order direct.  
The Cutter Laboratory, Berkeley, California

**BOOK ON  
DOG DISEASES**  
and How to Feed  
H. CLAY GLOVER, V.S.  
118 West 31st St., N.Y.  
Mailed Free to any address by the author

**Got Gophers?  
Kill-Em-Quick**  
How much more would your profit be if you'd killed your gophers last spring?

When writing advertisers, please mention  
The Western Home Monthly

## About the Farm

### What the Soil is Composed of

A soil serves two purposes, to anchor or hold the plant, and to supply it with plant food. But a very small amount of the material of which the soil is composed is available for the use of the plant. We might infer this from our study of the way plants take up their food. Before the plant can take plant food it must be in a soluble form, and most of the material of which the soil is composed is insoluble, and the work we do in plowing and cultivating the soil is to make this insoluble material soluble, through the action of air and water. The more the soil is aerated, the more plant food will be unlocked for plant use. This is one reason why the yield of wheat is greater after a summer fallow than if it followed some other crop.

We may consider a normal soil as consisting of four parts, viz., mineral matter, which is derived from rock material, soil water, organic matter, and soil organisms. The mineral matter can be divided up according to the size of the particles of which it is composed. It can be graded into stones, sand, silt and clay. The clay portion furnishes most of the plant food, as the other particles are too large to be appreciably acted on by the air or water and thus rendered soluble. The soil water holds mineral matter and other material that has been made soluble. This soil water in a properly drained and

### Where Horses Once Reigned

While waiting between trains at Orrville, Ohio, recently I walked around to the stable where I have seen more strictly high-class fat draft geldings than at any other place—that was several years ago. Big green draft geldings were shipped to Orrville by hundreds from the West, bought by feeders, finished and re-sold, most of them going East. I had not been at Orrville for three years.

I turned the corner where in times past the first sight to meet the gaze at this time of year was the long row of regulation chairs in front of the stable and in the chairs the portly occupants who talked horse and put over the deals. The chairs were not there. The "tryout" carts and wagons were gone. The auction block had been moved away. No horses were stepping to the crack of the whip. Over the sidewalk in front of the big stable hung a great sign, GARAGE. Inside the stable where once 300 horses each had a feed box there is now not a stall. Rows of automobiles are backed against the wall. The place has a fresh, business-like appearance as in the days of yore, but the equine air has departed. With a touch of sadness I viewed the work of progress, and indeed it must be progress for we are not a nation to go far backward.

"Why all this change?" I asked. "Just business," came the reply. "The



A wounded Boche being carried in by fellow prisoners during Canadian push near Lens, Hill 70

cultivated soil surrounds the soil particles as a film, and when the water in the upper layers of the soil becomes scant, through being taken up by the roots of the plants, more water is being drawn up from below through the action of capillarity.

The organic matter in the soil has been derived from plants that have formerly grown in the soil. When we grow any crop we add organic matter to the soil even if we do not plow it under, because the roots and stubble remain behind. The organic matter consists of carbon that has been taken from the air and plant food material that has been taken from the soil. When it decays this plant food material becomes available for crop use and acids are formed which render soluble some of the insoluble mineral matter. Organic matter is very important, also, because it loosens up heavy clay soils and makes loose sandy soils more compact. When a soil is out of condition it usually lacks organic matter.

The organisms that the soil contains are very important, as some of them are beneficial, as they aid in the formation of plant food, while others of them are injurious, as they rob the soil of plant food by changing it into gas. The latter kind of organisms work best when the soil is poorly drained.

**Makes Breathing Easy.**—The constriction of the air passages and the struggle for breath, too familiar evidence of asthmatic trouble, cannot daunt Dr. J. D. Kellogg's Asthma Remedy. This is the famous remedy which is known far and wide for its complete effectiveness even under very severe conditions. It is no untried, experimental preparation, but one with many years of strong service behind it. Buy it from your nearest dealer.

days of big doings in horses is over for Orrville. The business went dead and no one can afford a lagging business."

There is still some business in good horses at Orrville but not on the scale that made the town famous as a horse center.

This instance is not alone in the horse history of the land. Hundreds of other markets of more or less interest have been abandoned or become so limited in operations that they are forgotten.

There is still a place for horses, and good ones, especially good drafters, can never be entirely replaced by any contrivance of man. Occasionally someone repeats the above statement and pays much tribute to the much-loved horse and predicts a return or partial return to the use of equine power. We all feel that way more or less at times, yet folks go on just the same replacing horse power with machine power, and aside from the search for war material in places, there is a quiet about horse markets that is not indicative of big business. There is no real occasion for sorrow in all this and there need be no serious readjustment. All will come out well. It is reasonable to believe that the folks will be fewer who continue to raise good horses and they will have a market with horse-using folks who will also be fewer. After the war, or even before the war is over, there may be a spirited demand for horses of all types. The anticipation of this is not enough to warrant anyone in launching into horse-breeding except with big, useful mares and high-class sires.—R. A. Hayne.

## TO THE GIFT SEEKER

The true Gift Giver of to-day is better known by the wisdom of his selection than by the amount of money he spends. So long as the Gift bears distinction and quality, its cost may be dropped out of consideration. The Gift spirit is not measured in Dollars and Cents.

In this connection you will find the D. E. Black & Co. Catalogue an inspiration. So many things may be had at such moderate prices that the wants of anyone may be satisfied.

Our new 1917-18 Catalogue is just completed. Send for a copy to-day. It is free for the asking.

**D. E. BLACK & CO.**  
Limited  
JEWELERS  
Herald Building CALGARY

## Wedding and Society Stationery

There is a pleasure and confidence in knowing that your Invitations, Announcements, Stationery and Visiting Cards are correct in form and style, creating an impression of quality and good taste.

Our Artists, Engravers, Plate Printers and Embossers are trained and fully equipped to produce Wedding and Society Stationery that appeals to the most fastidious.

Full information, styles, samples and prices on request.

**Stobel Company Limited**  
BANNATYNE AVE. WINNIPEG, MAN.

**Driver Agents Wanted**  
Drive and demonstrate the Buick Car. Pay for it out of your commissions on sales. 14 agents are making money. Buick cars are prompt, fast, safe, reliable, economical, and money saving. 1918 models ready. Write at once for my 48-page catalog and all particulars. Address J. H. Bush, Free, Dept. 1180, Chicago, Illinois.  
118-120 W. Hubbard  
Buick Ignition—Elect. Stop. 4119.  
BUICK MOTOR COMPANY, Buick Temple, Chicago, Illinois

## PATENTS Trade Marks and Designs

Write for booklet and circular, terms, etc.  
**FEATHERSTONHAUGH & CO.**  
Fred. B. Featherstonhaugh, K.C., M.G.  
Gerald S. Roxburgh, B.A., Sc.  
16 Canada Life Building, Portage Avenue  
(Corner of Main) WINNIPEG

**FIRE PROOF  
ROOFING**  
WRITE FOR PRICES  
**METALLIC ROOFING CO.**  
WINNIPEG