

The Penalty of Overeating

THE LIVER FIRST TO SUFFER, BUT
KIDNEY DISEASE COMES LATER
—GOOD RESULTS FROM THE
USE OF

DR. CHASE'S KIDNEY-LIVER PILLS

Few people realize that it is not what they eat, but what they digest and assimilate that goes to form new blood and repair the waste effected by the act of living.

Hurried eating and lack of proper mastication of the food are among the most common causes of indigestion, and overeating is undoubtedly the beginning of trouble with the liver and kidneys.

Kidney disease and rheumatism are not usually the first indication of a deranged system, but these troubles follow unheeded headaches, constipation and bilious attacks.

Because of their direct and combined action on the liver, kidneys and bowels, Dr. Chase's Kidney-Liver Pills are effective in whatever stage of such derangements they may be used, except when the structure of the kidneys has been wasted away by Bright's disease.

What we would emphasize, however, is the advantage of beginning this treatment at the first indication of trouble with the liver. It is the liver which first feels the result of overeating, because of its difficulty in filtering the blood. Keep the liver right by the timely use of Dr. Chase's Kidney-Liver Pills and you not only prevent headache, biliousness and constipation, but entirely escape derangements of the kidneys, which are at once so dreadfully painful and fatal.

Reliability is the word most frequently applied to Dr. Chase's Kidney-Liver Pills, as well as to his other medicines, for people have come by experience to know that, as a means of ensuring the regular and healthful action of the kidneys, liver and bowels, there is no medicine to be compared to this.

With these filtering and excretory organs in health, indigestion and bodily pains are unknown, and one runs little danger of contracting colds or contagious diseases.

Dr. Chase's Kidney-Liver Pills, one pill a dose, 25 cents a box, at all dealers or Edmanson, Bates & Co., Toronto.

MILBURN'S LAXA-LIVER PILLS

are mild, sure and safe, and are a perfect regulator of the system.

They gently unlock the secretions, clear away all effete and waste matter from the system, and give tone and vitality to the whole intestinal tract, curing Constipation, Sick Headache, Biliousness, Dyspepsia, Coated Tongue, Foul Breath, Jaundice, Heartburn, and Water Brash. Mrs. R. S. Ogden, Woodstock, N.B., writes: "My husband and myself have used Milburn's Laxa-Liver Pills for a number of years. We think we cannot do without them. They are the only pills we ever take."

Price 25 cents or five bottles for \$1.00, at all dealers or direct on receipt of price. The T. Milburn Co., Limited, Toronto, Ont.

\$9,000 Poultry Catalogue
40 kinds Turkeys, Geese, Ducks, Chickens, fowls and eggs cheap. 100 grand pictures, 20 house plans. We make best lay, cure disease, etc. Send 10c for mailing catalogue. Incubators 30 Days Free Trial. J. R. Brabazon Jr. & Co., Box 51, Delavan, Wis.

When Writing Please Mention this Paper

QUESTIONS AND ANSWERS.

1st.—Questions asked by bona-fide subscribers to the "Farmer's Advocate" are answered in this department free.

2nd.—Questions should be clearly stated and plainly written, on one side of the paper only, and must be accompanied by the full name and address of the writer.

3rd.—In veterinary questions, the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.

4th.—When a reply by mail is required to urgent veterinary or legal enquiries, \$1 must be enclosed.

Miscellaneous.

ROYAL SCOTT.

What are the numbers of a Clydesdale stallion called Royal Scott; also give age and three of his ancestors on the sire's side?

ADVOCATE MAN.

Ans.—We do not find a horse of that name in the Canadian Clydesdale Stud-book.

PARTIAL PARALYSIS IN SOW.

My sow had a litter of pigs, and, when they were weaned, she was removed to another barn. The weather was very cold, and she was exposed for about half an hour. Two days afterwards, she refused food, unless driven to it, and seemed to have partially lost the power of her hind quarters. She was given salts, and has improved sufficiently to have an appetite for her food. This occurred three weeks ago, and she is yet stiff in the hind quarters.

OLD SUBSCRIBER.

Ans.—This was probably caused by a chill, and may have been a case of partial paralysis. Treatment recommended is the free application of spirits of turpentine or of mustard.

RINGING A BULL.

Please state the best method of ringing a bull.

SUBSCRIBER.

Ans.—Probably the most convenient article for ringing a bull is a trochar, an instrument used for puncturing cattle in case of severe bloating. This instrument, which may be obtained from dealers in veterinary supplies, or through a veterinary surgeon, has a sharp, three-cornered point, and fits into a brass shield called a canula, the point of the trochar extending beyond the end of the shield, so that when puncture is made, the shield is left in the opening for the escape of gas in the case of bloating, and in the case of ringing a bull, is left in the nose, one end of the ring being inserted in the hollow shield while it is gently withdrawn, the ring following into its place. With this instrument, the writer has ringed many a bull in five minutes, with no help or attendance. There are bull punches on sale, made in the form of pinchers, which cut a clean hole through the gristle of the nose, taking out the piece, but we have not seen them advertised in this country, and are not aware where they can be obtained.

SHEEP LOSING WOOL.

Some of our sheep are losing their wool. At first they seemed very itchy, and upon examining them we found a greasy substance on the hide, and when wool comes out, it dries up, and leaves a little roughness on the skin. The wool is very wet, as though snow had melted. J. H. G.

Ans.—From the description, we should judge the sheep have been kept in too warm a place, and have been sweating. Sheep require dry, airy quarters, with good ventilation. An open-faced shed, with free access to a yard, suits best. If they have not ticks, they may have small white lice, which are quite as troublesome. If there is a dry, hard scab, it may be what is known as sheep scab, a very troublesome malady. In any case, we would advise treating them with a solution of Zenoleum, or one of the other sheep dips, pouring it warm from a coffee-pot into openings along the sides and back, and spreading it over the surface of the skin by rubbing. If the sheep are in good condition, and the ewes due to lamb late, we would shear on some warm days, and then wash or dip with the solution, keeping them closed in a comfortable place for a few days after shearing. All sheep should be treated for ticks and lice in late fall, and in spring at shearing time. It pays many times over in the health of the sheep and the growth of wool. If the symptoms are of scab, the scabs must be well soaked and broken up with the nails to let the solution (of strength stated on cans) well into the bottom of the sores, which are caused by a parasite.

MUSCOVY DUCKS.

Where could I get Muscovy ducks, and at what price? Could you say anything as to the quality, size and laying qualities of these ducks?

F. W. W.

Ans.—Those having these ducks for sale should note this inquiry. Business will come to those who advertise. As a rule, Muscovy ducks are not so large as Pekins, but are fairly good layers.

TOAD FLAX.

How can I exterminate a plant we call "butter and eggs"? It has too much start to dig it out. Would several hoe crops in succession be any use?

W. A. K.

Ans.—Butter and eggs, or toad flax, can be subdued by continuous cultivation. It is not reckoned a very serious weed. Be careful not to spread roots in cultivating.

STALLION NUMBERS.

I would like if you would send the numbers of the horses called Barnfordy and Gleaner, and how many crosses on the sire side before you can register.

SUBSCRIBER.

Ans.—Baron Fordie [1396], imported in 1882; owned by Jas. Hutchison, Queen Hill, Ont. Baron Fordie 2nd [1397]; foaled 1889; bred by Wm. Mackintosh, Burgoyne, Ont., got by Baron Fordie (Imp.). Gleaner [4194]; foaled 1886; imported by D. Jeffrey, Port Elgin; sire Go-Bang; dam by Darnley.

LUMP VS. GRANULATED CALCIUM CARBIDE FOR ACETYLENE-GAS MACHINES.

Will a given weight of lump carbide, used in acetylene-gas machines, produce more gas than a like weight of rice or granulated carbide, and, if so, what per cent increase might be expected, approximately?

Ans.—If calcium carbide is equally pure in the lump and rice or granulated condition, the same amount of acetylene gas will be produced from each. Because of the finer condition, and the greater surface exposed, the rice or granulated carbide will give quicker and stronger flow of gas; but will not produce any more gas pound for pound.

R. HARCOURT.

Ontario Agricultural College, Guelph.

BROADCASTING OR DRILLING SPRING GRAIN.

What is the best for spring grain, hoe drill, shoe drill or broadcast seeder? Last spring my grain, sowed with shoe drill, was light. With hoe drill, seed is left on a soft seed-bed. With shoe drill, shoe is pressed into the ground, leaving seed on solid ground, in which it would be difficult for tender plants to take root. Prefer a shoe drill to hoe, if as good crops can be grown. What about broadcast seeder? Are crops as good when sown in this way? W. A. K.

Ans.—The results of our experiments in sowing grain with a drill, as compared with sowing broadcast, indicate that, taking one season with another, about as large yields will be obtained from one method of seeding as from the other, providing the land has been well prepared and the broadcast sowing has been very carefully done, so as to give an even distribution of seed. It is difficult, however, to get the seed evenly distributed when sowing broadcast; besides, with this method, the seed is not covered to such a uniform depth, nor does the field look nearly so well. In addition to these facts, it may be said that it is easier to regulate the amount of seed sown per acre when a drill is used. As to the comparative merits of the hoe drill and the shoe drill, they are suited to using under different conditions. The shoe drill is extensively used in the Canadian West, where the soil is loose and where there is generally a good deal of stubble left on the land. Where there is much stubble, sod, coarse manure, or other such material in the land, the hoe drill is inclined to clog, while the shoe drill will pass over these obstructions without difficulty. Where the soil is naturally loose, the pressure exerted by the shoe drill will not compact it to any injurious extent; but, if the soil contains a large percentage of clay, there might be some objection to the use of such a drill. If the soil is naturally stiff, and where there is no sod or other material to clog the drill, I think the ordinary hoe drill will probably give better results.

J. BUCHANAN.

Exp. Dept., O. A. C., Guelph.

Beware of Imitations!

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WELLS, RICHARDSON & CO.'S IMPROVED BUTTER COLOR.

Never allow a merchant or dealer to foist on you some poor substitute when you ask for Wells, Richardson & Co.'s Improved Butter Color. When you use Improved Butter Color your butter will command the highest market price. The Government creameries of Canada use Wells, Richardson & Co.'s Improved Butter Color; the prize buttermarkers of Canada and the United States will not allow any other kind in their creameries. No Mud or Impurities in Wells, Richardson & Co.'s Improved Butter Color. It gives the true June tint at all seasons.

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I was deaf myself for 25 years. I perfected and patented a small, invisible ear drum in order to help my own hearing. It is called "The Way Ear Drum," and by the use of these drums I can NOW HEAR WHISPERS. I want all deaf people to write me. I do not claim to "cure" all cases of deafness, neither can I benefit those who were born deaf. But I CAN HELP 90 per cent. of those whose hearing is defective. Won't you take the trouble to write and find out all about me and my invention? Tell me the cause of your deafness. Geo. P. Way, 321 Majestic Bldg., Detroit, Mich.



After a fight on James Island, South Carolina, in 1862, there was among the wounded a young fellow suffering intensely and making an unusual amount of noise. General Williams, in command, when passing through the hospital quarters, approached the soldier, and in a gruff voice asked: "What's the matter with you?"

The soldier, pointing to his foot, replied: "I'm wounded."

The General said: "Stop your noise! Stop your noise! There are men lying around with their heads knocked off and not saying a word."

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Dr. McTaggart's tobacco remedy removes all desire for the weed in a few days. A vegetable medicine, and only requires touching the tongue with it occasionally. Price \$2.

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Marvelous results from taking his remedy for the liquor habit. Safe and inexpensive home treatment; no hypodermic injections, no publicity, no loss of time from business, and a cure certain.

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