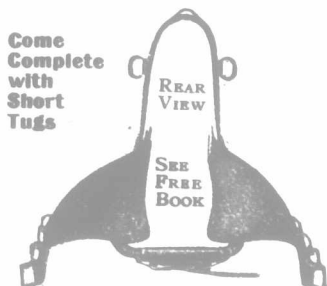


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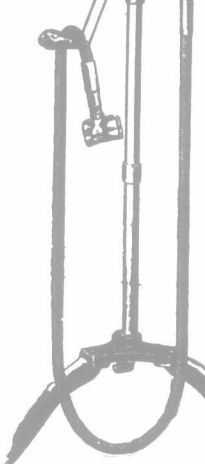


It is a fact that only one set of **HUMANE HORSE COLLARS** on a farm will cure up and keep cured of collar troubles all your horses. Don't use "sweat pads"—it's cruel—especially in hot weather—injures your horses; and besides, the sweat pads cost you more than most collars before you get through. You don't need them with these collars. Every set comes complete with short tugs and ready to use—less trouble to put on and take off—and fit any horse perfectly all the time by simple adjustment. Built to last for years by expert workmen, and durable materials.

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Clip Your Horses In the Spring

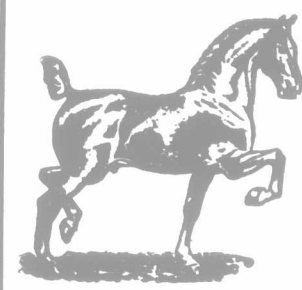


In the spring when your horses are soft and you put them at the hard spring work they sweat a great deal. Their heavy winter coat holds this sweat and it dries out slowly. If left to stand they take cold easily and at night they chill and are liable to all kinds of complaints. If you clip them they dry off fast and there is no question but they stand much less chance of taking cold when dry than if wet. You would not like to stand on a raw spring day or on a chilly spring night with a heavy wet suit on. Neither do your horses. It pays to clip them and blanket, if necessary on cold nights. Your horses dry off much faster, they feel better, rest better, get more good out of their food and do better work. They are better all around. Is it the humane and profitable thing to do. The quickest, least expensive and most satisfactory way to clip is with

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The price at your \$9.75 This machine turns easy, clips fast and will last a lifetime. We dealer's all com- guarantee it for 25 years because the gears are all cut from the plete, ready for solid steel bar. They are made file hard. They are enclosed and protected safe from dust and dirt and they run in an oil bath. Friction and wear are practically done away with. It is the only ball bearing clipping machine. It has 6 feet of high grade flexible shaft and the famous Stewart nut tension clipping knife. This is the noted knife that will stay sharp longer and clip more horses than any other clipping knife ever made. Price of the complete machine all ready to use is only \$9.75 Get one from your dealer. If he does not have it write us direct.

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We have for sale a few choice Clydesdale mares, imported and Canadian-bred; also some Canadian-bred Clydesdale stallions. Hackney stallions and mares for sale always. Long-distance phone. **Hodgkinson & Tisdale, Beaverton, Ont.** G. T. R. and C. N. R.

IMPORTED CLYDESDALE FILLIES

I have still on hand six Clydesdale fillies. They are big, smooth fillies, exceptionally well bred, and their underpinning is the kind Canadians like. I have only one stallion left, a right good one. My prices are as low as any man's in the business. Phone connection. **GEO. G. STEWART, HOWICK, QUEBEC.**

Imported Clydesdales

My first importation for 1910 has just arrived. Stallions up to a ton in weight, from 1 to 5 years of age. Draft character and faultless underpinning are a predominating feature. Also a few big choice fillies 2 and 3 years of age. **WM. COLQUHOUN, MITCHELL, ONT.** Phone connection.

WAVERLY CLYDESDALES AND HACKNEYS

My 1910 importation of Clydesdale stallions and fillies, and Hackney stallions and fillies, are now in my barns. One and two-year-old Clyde fillies of a character and quality never before excelled. My Hackney stud was never so strong in high-class animals. All are for sale and prices right. **ROBT. BEITH, BOWMANVILLE, ONT.**

Clydesdales Home from the Shows

Intending purchasers would do well to see them before buying. Prices moderate. **Myrtle, C. P. R. SMITH & RICHARDSON, Columbus, Ont.** Brooklin, G. T. R.

Imported Clydesdales

1910 have arrived. They were selected to comply with the Canadian standard, combining size, style, quality and faultless underpinning with Scotland's richest blood. They will be priced right, and on terms to suit. **C. W. BARBER, GATINEAU PT., QUEBEC.**

CLYDESDALES, Imported and Canadian-bred.

I have 2 Imported Clydesdale Stallions, one 4, the other 5 yrs. old; 2 Canadian-bred Clydesdale Stallions, one 2, the other 3 yrs. old; one French Coach Stallion, 4 yrs. old; one Shire Stallion, and the noted Hackney Stallion, Chocolate Jr. I will sell these horses cheap for quick sale. **T. D. Elliott, Bolton Ont.**

IMPORTED CLYDESDALES AND HACKNEYS

In my stables at Ingersoll, Ont., I have always on hand Clydesdale stallions and fillies, and Hackney stallions, personally selected in Scotland for their high-class type, quality and breeding. Let me know your wants. **W. E. BUTLER, INGERSOLL, ONT.**

QUESTIONS AND ANSWERS. Miscellaneous.

SHINGLES VS. METAL ROOFING

We are making ready to build a barn this summer, about 100x65 feet, and we are a little undecided as to what kind of a roof to put on, whether to get the best cedar shingles or metal roofing. What do you advise?

Ans.—Metal roofing has this advantage over shingles, that it furnishes considerable protection from lightning stroke. On the other hand, while the wearing qualities of shingles are known, having been tested for so long, the lasting quality of metal roofing, beyond a certain point, is a matter of conjecture largely, so far as the experience of Canadian farmers is concerned. No unqualified answer can be given as yet.

RATION FOR COWS—GASOLINE ENGINE.

1. What winter ration would you advise for cows that give about 50 pounds of milk a day when on grass. I mean a winter ration from the following feeds: Barley meal, oatmeal, oil cake at \$2.10 per hundred, turnips, clover hay of rather inferior quality, and I can allow one feed of alfalfa per day, also good oat straw, but we do not count on feeding much of it.

2. Is there any advantage to be gained in cutting straw and mixing with meal over uncut straw?

3. Will cattle do as well on meal fed alone, or ought it to be mixed with something? In other words, will they get all the good out of it if fed alone?

4. I am thinking of getting a gasoline engine to crush with, for my own use. What horse-power would you advise? Are they perfectly safe to have around a barn? What are the chief points to consider in buying one? Any other information will be appreciated. Or would you advise getting a windmill? Of course, besides chopping, I intend to use it to cut straw, pulp roots, etc.

BEGINNER.

Ans.—1. To your ration of hay and straw, as proposed, the bulk being rather inferior clover, with one feed of alfalfa daily, and some oat straw to pick over, you might add eight pounds of meal per day for cows in full milk, the meal consisting rather largely of crushed oats, with one-third to one-half barley, and half a pound or so of oil cake per day. Some corn meal might be used to advantage if available at reasonable prices. Vary the amount of meal mixture according to response. Neither alfalfa hay nor oil cake is especially needed to balance the ration in this case, but either, or both, will probably prove profitable in small quantities, nevertheless.

2. Not much. It is perhaps better if one has no silage or roots, to cut a part of the straw and throw the meal on top of this in the manger, but it is a question whether even this is worth while. We have done it, and fancied there was benefit, and, again, have questioned whether there was or not. Probably it would be advisable to do so if the meal were very heavy stuff, and fed without admixture of bran. There is some advantage in moistening or steaming the cut straw to make it more soft and palatable, though whether it pays is a debatable question.

3. See above.

4. A three-horse-power gasoline engine is said to be capable of running an 8-inch chopper, but it is usually wiser to have an overplus rather than under supply of power. There is a certain amount of danger with such engines, but it arises almost altogether from having gasoline about, and not so much from the engine itself. Great care should be taken that there should be no leaks in tank, as gasoline vaporizes readily and the gas is inflammable. Fire-insurance regulations, recommended by the Underwriters' Association of Ontario, are, that for stationary gasoline engine, the storage tank should be 25 feet away from building, and of a capacity of 1½ barrels. In selecting a stationary engine, a medium speed, heavy engine is most suitable, but if a portable one is wanted, it should be a light engine, running at high speed, and compact as possible. Users of gasoline engines are usually enthusiastic regarding them, and prefer them to windmills on account of power being always available.

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