

GET THE BEST

WEBSTER'S INTERNATIONAL DICTIONARY

English Biography Geography
Fiction, Etc.

25,000 NEW WORDS, Etc.
New Cassetteer of the World
With over 25,000 entries based on the latest census.
New Biographical Dictionary
Over 10,000 names of noted persons, birth, death, etc.

Edited by W. T. HARRIS, Ph.D., LL.D.,
United States Commissioner of Education.

New Plates. 2380 Quarto Pages.
Rich Bindings. 5000 Illustrations.

Should be in Every Home, School, and Office

Also Webster's Collegiate Dictionary with 1100 pages, 1400 illustrations. Size: 7x10x2 1/2 in.

A Special Thin Paper Edition
Printed from the same plates as regular edition. It has limp covers and round corners. Size: 6 1/2 x 9 1/2 x 1 1/2 in.

FREE, "A Test in Pronunciation," instructive and entertaining. Also illustrated pamphlet.

G. & C. MERRIAM CO.,
Publishers, Springfield, Mass.

One Pair of



are the only tools needed to remove, attach or repair, when necessary, the

DUNLOP DETACHABLE BICYCLE TIRE.

Every pair stamped with the trade-mark, two hands, and guaranteed for a year.

The Dunlop Tire Co., Limited,
TORONTO, MONTREAL, WINNIPEG,
VANCOUVER, ST. JOHN, HALIFAX.

SANITARY HEATING

is an absolute necessity for the home. It implies pure air, an even distribution of heat, well-ventilated bedrooms, and the absence of dirt and dust. How to secure this by using our Hecla Furnace is described in our booklet, "About Heating" which will be mailed upon request.

Clare Bros. & Co., Limited,
PRESTON, ONT.

BISSELL'S STEEL ROLLER.

6, 8, 9 and 12 foot widths. The favorite rollers for all the Prov. inces. Write for full description and reasons why Bissell's are the best. Address on



T. E. BISSELL, Dept. W., Elora, Ont.

ABORTION RETENTION OF PLACENTA and Failure to Breed
Kellogg's Condition Powder

is a positive cure for these diseases. Prevents scours in calves and garlic in milk. Indorsed by the Iowa Agricultural College, Ames, Ia., and hundreds of the most prominent breeders. Write for booklet giving full information, price list and testimonials. Address

H. W. Kellogg Company, Dept. Y, St. Paul, Minn.

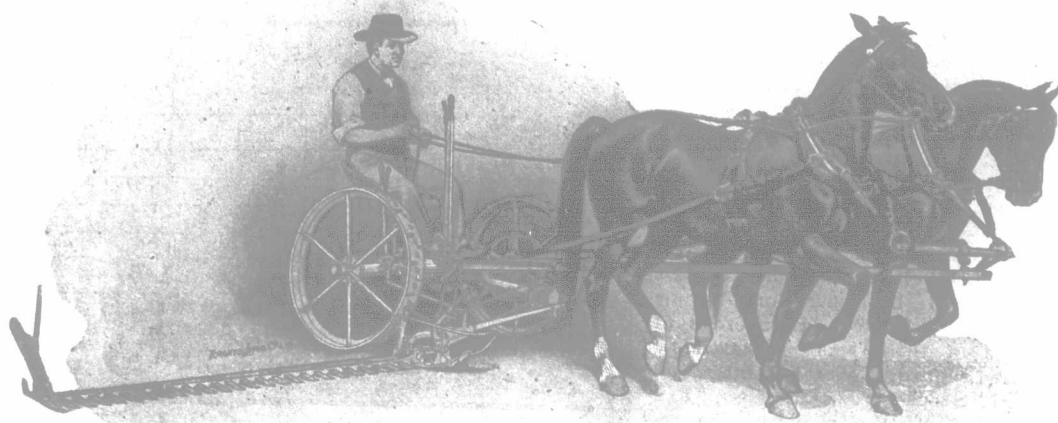
COOPER SHEEP DIP

Standard of the World for 60 years. Used on 250 millions annually. **One dipping kills Ticks, Lice and Nits.** No smell. Keeps flock clean a long time. Increases growth of wool.

Dipping Tanks at cost.
Send for Pamphlet to Chicago.
If local druggist cannot supply send \$1.75 for \$2 (100 gal.) pkt. to

EVANS & SONS, Ltd., Montreal and Toronto.
WM. COOPER & NEPHEWS, Chicago, Ill.

ON YOUR FARM, BE IT LARGE OR SMALL, YOU HAVE NEED FOR A GOOD MOWER.



"MASSEY-HARRIS" MOWERS EXCEL IN EASE OF OPERATION, SCIENTIFIC CONSTRUCTION, QUALITY OF MATERIALS, EFFECTIVENESS OF WORK. THEIR FAME IS WORLD-WIDE AS TO LIGHT-RUNNING QUALITIES, AND FOR EFFECTIVE AND CLEAN WORK IN ALL KINDS AND CONDITIONS OF GRASS. MASSEY-HARRIS MOWERS ARE SUPPLIED IN WIDTHS FROM 3 FT. 6 IN. TO 7 FT.

**LIGHTEST DRAFT
CLEANEST CUTTING**

**SMOOTHEST RUNNING
LONGEST WEARING**

MASSEY-HARRIS COMPANY, LIMITED,
AGENCIES EVERYWHERE. TORONTO, CANADA.

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.

ROLLING BARLEY.

A new subscriber wishes to know whether it is best to roll a field of barley before it comes up, or after. M. B.

Ans.—We should say after it comes up.

CUTTING WILLOWS.

Will you kindly let me know the best time to cut willows, so as to prevent suckering from the roots? A. V.

Ans.—After the first flush of the season's growth, from June 15th to July 15th.

DIARRHOEA IN TURKEYS.

I raise from 40 to 50 turkeys every year, and have no trouble with them when small, but when they are almost full grown, they take diarrhoea, and nothing I have ever tried has prevented them from dying. J. F. T.

Ans.—Diarrhoea is caused by stagnant water, sour food, lack of grit, exposure to cold, wet, close, or drafty quarters, sloppy food, etc. Try to make conditions for turkeys as natural as possible; that is, give plenty of room for range, pure water and clean quarters, provide a roosting place in a shed, rather than in a close or drafty henhouse. When attacked with diarrhoea, give scalded milk to drink, feed boiled rice, hard boiled eggs, and stale bread crumbs; use black pepper freely. Douglas mixture, a patented poultry remedy, is also good. Sloppy food and stagnant water are generally the causes of this disease.

LINE FENCING—DITCHING.

1. There are 150 acres next my farm of 100 acres. One hundred acres are cleared and fenced; 50 acres being bush and to the side of me, not fenced on the road or line, and the owner refuses to fence the line between him and me, or the next neighbor adjoining it. He has the whole 150 acres rented, and renters take wood off this 50 acres. The owner claims that as long as it lays to commons, or is not fenced on the road, he does not have to fence the line. Can I make him build the fence? If so, how should I do it?

2. I have my place tiled; but the water off this 150 acres runs in on mine and floods it for a long time. Have I to put up with that, or can I make him make drainage for the water off his land? He will have to drain through my land. Ont.

SUBSCRIBER.

Ans.—1. We do not see that you are in a position to do so.

2. We think you cannot compel him to provide the desired drainage.

RIGHTS OF WAY.

J. A. Govenlock, Ont.—We have considered the questions you submit, but find that in view, especially, of the fact that there are documents in the case, and that the exact wording of such documents must be looked at, we have to advise that the matter be submitted to a solicitor in the regular way, with the papers, and a personal consultation had with him.

WINDMILLS.

I would like you to send me the plan of a homemade windmill. W. G. Ont.

Ans.—There are so many well-constructed windmills on the market that we do not consider a person's time would be well spent making a homemade machine. Notice some of the mills advertised in these columns, and write the makers for particulars.

TRIMMING CEDAR HEDGE.

When is the proper time to trim a cedar hedge? Would it hurt it to do it right away, if needed? A. D.

Ans.—A cedar hedge can be trimmed any time from early spring until the middle of June, or even later. Many trim twice. No harm would come of trimming at once.

DESTROYING WEEDS—GAPES.

1. What is the best way to kill ground-ivy in the lawn?

2. Is there a simple way to keep the weeds under on a gravel roadway in the front of a house, and also the grass from encroaching from the lawns?

3. What is the cause of gapies in incubator chickens fed on dry food, not much meat? TRIX.

Ans.—1. We presume bindweed is meant. If it is not established in too large plots, smother it out with a pile of straw, manure, or boards. If it is well established, we would recommend spraying with copper sulphate, as described in another column for mustard, etc.

2. The best application we know of for this purpose is gas lime, obtained from the manufacture of illuminating gas.

3. The chicks have contracted the trouble through having been in contact

with affected fowl, or from having eaten earthworm or other hosts of the gape-worm eggs. Birds affected with gape-worms, which are fastened in the wind-pipe, frequently expel in a fit of coughing whole worms full of eggs. These worms are eagerly devoured by other fowl, with the result that the disease is spread. In other cases, the earthworms are infested with eggs of the gape worm, which upon being eaten develop the disease. Wherever the disease is prevalent, the ground should be sprinkled with fresh slaked lime, at the rate of a bushel to every two hundred square feet of ground.

CORRECT RULE FOR MEASURING HAY.

In your issue of May 5th I see an article headed "Weight of Hay," and as I have been in the habit of both buying and selling hay by measurement for many years, it may not be out of place to give the rule for the benefit of your readers, which is simply 512 cubic feet to the ton. This would make the quantity in discussion a trifle over 5 1/4 tons. C. F. T.

MAKING HAIR GROW.

1. Could you give me a prescription for an ointment to make horse's mane grow? Hair is abundant, but only five inches long. H. H. H.

Ans.—We do not recommend any treatment to make the hair of the mane or tail grow longer. The length mentioned is long enough, and if too thick, comb it out a little. There is no value in long hair.

TRADE TOPIC.

EMPIRE SEPARATORS.—One of the finest booklets that we have ever seen is being sent out by the Empire Cream Separator Co., who have instituted the Empire Way in dairying. The cover is a delightful picture of a boy going fishing, whistling merrily as he goes. The booklet is illustrated throughout with engravings in keeping with the subject matter, and the matter presents the cream separator in a way never before attempted. We advise every one of our readers who is at all interested in dairying to send for this booklet, and learn about the Empire Way. It is sent free to every one who asks for it, and it is worth sending for. There is more separator information in it than was ever before published in similar work, and it is the kind that it is profitable for dairymen to acquire. Don't fail to send for it. Address Empire Cream Separator Co., Bloomfield, N. J.

In answering any advertisement on this page, kindly mention the FARMER'S ADVOCATE.