

Dr. Maria Montessori

FEBRUARY 5, 1914

THE FARMER'S ADVOCATE.

251

Questions and Answers. Miscellaneous.

These Hens Lie.

1. My young pullets lie two in a nest at night, instead of roosting with the other hens. Will this deform them, and how can it be stopped? We tried shutting up the nests temporarily, but they started again. Ought I to get rid of them, or can it be cured?

2. Is it usual?

3. Do laying hens require corn, and should it be given whole? They get wheat, oats, and buttermilk regularly.

A. R. M.

Ans.—1. Break them of the habit by closing the nests each night. It is not likely to deform them, but they should be broken of it.

2. No.

3. Corn is not absolutely necessary. In winter, a little is good for them mixed with other grains.

Holidays—Goat.

1. Would you kindly tell me whether a man hired by the year on a farm, can take New Year's Day as a lawful holiday? What are the lawful holidays on a farm?

2. Is a goat any protection to a flock of sheep? As a rule, would they be troublesome on fences?

N. M.

Ans.—1. New Year's Day is a holiday. Unless there is an agreement to the contrary, hired help in Ontario is entitled to Sundays, New Year's Day, Good Friday, Easter Monday, Victoria Day, Dominion Day, Labor Day, Thanksgiving Day, Christmas Day, and any other day or days proclaimed as public holidays. Usual farm chores must be done, however, on holidays.

2. Many people believe a goat is some protection from dogs when allowed to run with a flock of sheep.

Tread Power for Separator.

I have a separator, and I would like to run it with dog power. Could you give me any information on how to attach the power to the separator? I was thinking I could run it with a belt, but I was told the crank was bolted to the wheel of the power.

R. R.

Ans.—We do not see how you could attach the crank of the separator to the wheel of the power and get sufficient speed with a dog to run the separator to requirements. A correspondent describing such an attachment in "The Farmer's Advocate" some time ago, said that they used the bull to do the separating, and until he was two years of age, used a horse. You could run it with a shaft and pulleys, or belts and pulleys, and according to our correspondent, the pulley on the shaft must be a certain size, according to the weight of the animal used. If it is a separator of a large capacity, we doubt whether a dog could develop power enough to successfully operate it.

Milk Inspection.

In the locality where I live, the farmers are mostly engaged in dairying. We are visited from time to time by dairy inspectors from Toronto, and as several herds have contagious abortion, and my herd has always been free from that trouble, can I compel the inspector to disinfect his boots and clothing before entering my stable? How can the farmer be protected from the inspector carrying this trouble from one herd to another? Why must I answer all the inspector's questions, such as how many cows are you milking now? How many cows have you altogether? How many cans of cream do you ship per week, etc.?

YOUNG FARMER.

Ans.—We do not think the farmer requires protection from good inspectors. They invariably disinfect boots and rubbers before going into another stable after having visited a stable where a contagious disease is prevalent. The inspector is doubly careful not to spread contagion. You really do not have to answer all questions, but it would be better for you, likely, if you showed the inspector a certain amount of courtesy, and answered his questions readily. These questions are not unreasonable, and there should be no hesitancy in answering.

Planet Jr.

The up-to-the-minute time and labor savers in field and garden. Planet Jr implements are the product of more than 40 years' experience of a practical farmer and manufacturer. Get them for scientific work and big results. \$2 to \$100.

FREE Our new 72-page illustrated catalogue contains valuable advice about tools for each kind of cultivation. Write postal today.

S. L. ALLEN & CO
Box 1108F Philadelphia
Write for the name of our nearest agency

No. 16 Planet Jr Single Wheel Hoe, Cultivator, Rake and Plow
The highest type of Single Wheel Hoe made. It is light, handy, and adapted to almost every garden use. Has leaf guard for close work, and a durable steel frame. Light enough for a woman to use.

No. 11 Planet Jr Double Wheel Hoe, Cultivator, Plow and Rake
The greatest cultivating tool in the world for the grower of garden crops from drilled seeds. The plow opens furrows for manure, seed, etc., and can be reversed for covering. Crops can be worked both sides at once until 20 inches high. Steel frame. Just the tool for the onion-grower.

No. 25 Planet Jr Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow
A capital implement for large-scale gardening especially. It has automatic feed-stopper, seed index, and complete cultivating attachments. The hoes are of a special patented form which run close to row without danger to leaves or roots. Steel frame. Two acres a day can be easily worked with this tool.

No. 8 Planet Jr Horse Hoe and Cultivator
The best-known cultivating implement made. It is so strongly built that it withstands incredible strain, yet it is light and easy to handle. Has new steel wheel which prevents clogging with stones and other trash. Cultivates to any depth and adjusts to any width. Opens and closes furrow, and hoes right up to plants without danger of injuring them.

Fire-Fly Garden Plow
Especially useful to owners of small gardens, and to chicken-raisers for plowing up scratching yards. Its light weight makes it easy for women or children to use also. Enables the owner of a family garden to do all the work in spare minutes.

TWEED DAIRY APPLIANCES

Fig. 2 Your greatest profit lies in keeping pace with the times

STEEL has supplanted wood. It is more sanitary, easier to clean, practically acid proof, and a hundred times as durable. We feature four lines for the up-to-date cheese factory.

The "TWEED" Steel Cheese Vat, Fig. 1—Of heavy galvanized steel, perfectly rivetted and soldered. Our patent draining system insures perfect draining to the last drop. Water and steamproof asbestos lining, a perfect heat holding device. If not as represented when they reach your station, send back at our expense. Sent on approval.

Fig. 3 The "LEAL" Milk Agitator, Fig. 1.—Does away with costly equipment. Run at any speed desired. Works smoothly and efficiently on steam connected from boiler, without attention. No engine, shafting, belting or pulleys required. Each agitator fitted with engine of its own.

COPPER STEEL WHEY TANK, Fig. 2.—Practically acid proof. Sulphuric acid test shows ordinary boiler plate dissolves 120 times quicker than the copper steel plate we use. Guaranteed very durable. Price so reasonable no factory can afford to do without. Very sanitary and easily cleaned.

WEIGHER, Fig. 3.—Eliminates disputes. Each man gets amount of whey due him when his milk is passed through our weigher. Practical and can't lie. Adopted by Dominion Government.

We manufacture a very full line of Tanks, Cisterns, Lavatory Equipment, Food Cookers, Heaters, Troughs, Vats, Gasoline Pumps, Evaporators, etc.

Write for Tweed Dairy Catalogue and Prices.

THE STEEL TROUGH & MACHINE CO., LTD.
145 JAMES STREET, TWEED, ONT.



Capitol Cylinder Oil
Thresher Hard Oil

STANDARD GAS ENGINE OIL

Recommended for all types of internal combustion engines, both tractor and stationary—gasoline and kerosene. Keeps its body at high temperature. Good also for external bearings.

Prairie Harvester Oil

Clings to bearings and saves wear. Non-corroding, unaffected by weather.

Atlantic Red Engine Oil
Premier Gasoline

For sale at dealers everywhere.

THE IMPERIAL OIL COMPANY, Limited

Toronto
Ottawa
Halifax

Montreal
Quebec
St. John

Winnipeg
Calgary
Regina

Vancouver
Edmonton
Saskatoon

RUN IT YOURSELF

You can quickly learn to run steam engines by studying Young Engineer's Guide. Save the expense of hiring an engineer. Book recently revised to 254 pages. Illustrated. Endorsed by engine manufacturers and leading engineers everywhere. Price postpaid \$1.00.

Windsor Supply Co., Windsor, Ont.

FREE—Our large catalogue "The Engineer's Navigator"

Send for wholesale Catalogue to Lancashire's Cheapest Drapery Warehouse and learn how to increase income. Make money selling British goods: Tableings, Towellings, Ready-mades, Dress Materials, Ladies' Overalls, Pinpoint Muslins.

COCHRANE'S WAREHOUSE,
Victoria Bridge, Manchester, England

Seed Corn

A limited quantity of carefully selected seed of White Cap, Yellow Dent and Improved Early Learning, place your order early and secure some. S.E. Oakley, Edgar's Mills Essex Co.

Please mention "The Farmer's Advocate."