

### QUESTIONS AND ANSWERS. Miscellaneous.

#### THE "ROCKS."

What is the difference between Rocks and Barred Rocks? R. N. C.

Ans.—Plymouth Rock is the general name of a breed of poultry of which the Barred is one variety and White another.

#### HEIFER FAILING TO BREED.

I have a very fine pure-bred heifer rising four years old that comes in heat every three weeks, but I cannot get her in calf. I put her every three weeks, but I am beat with her. I got my veterinarian to open her, but she came round again. She is very fat, but I can't get her thin. F. J. G.

Ans.—We can only advise having the os opened again when she is in heat, anointing that part with extract of belladonna to cause relaxation, placing a piece of sponge or other substance in the opening to keep it from closing, removing this, and breeding at the next oestrus, using a young bull. A barren cow cure is advertised in this paper by L. F. Selleck, Morrisburg, Ont.

#### BABCOCK TESTER.

1. Can you give directions for using Babcock hand milk tester, or tell where I can get it?

2. Have a Jersey cow, that dropped second calf ten days ago, that does not milk right from left hind quarter of udder. Quarter looks as if it was swollen (very little heat), but feels as if full of milk that cannot get down. By rubbing can get about half as much milk as should get from the teat. It is not sore, as rubbing does not hurt. S. H.

Ans.—Write Ballantyne Dairy Co., Stratford, or Creamery Package Co., Woodstock, for circular and price list with instructions.

2. Rub well with goose oil, and keep drawing all you can get from the quarter. Give a tablespoonful of baking soda in feed twice a day.

#### ROUND CEMENT SILO.

As I am intending to build a cement silo, ten feet in diameter on inside and thirty feet high, would you please answer the following questions in your valuable paper:

1. How thick would you recommend wall at bottom and at top?

2. What proportion of Portland cement and sand should be used?

3. How many yards of sand, and how many barrels of cement would be needed, including the plastering of the silo inside and outside? G. W. T.

Lincoln Co.  
Ans.—1. We presume it is a round cement silo you intend to build, and for the size you mention, walls should be ten inches thick at the bottom and six inches at the top.

2. If good, clean gravel is used, one part Portland cement to ten parts gravel is about right. If mixed with sand, one part of cement to four of sand will be needed. Seven parts of broken stone can be added to sand mixture, which will much lessen cost. Sand and cement should be mixed thoroughly while dry, afterwards water added, then to this mortar add the broken stone, which should not be larger than two and a half inches.

3. About ten cubic yards of sand, twenty cubic yards of broken stone and twenty five barrels of Portland cement.

### Veterinary.

#### CEDEMA.

Gelding swelled in hind legs after coming off grass. About three weeks ago the swelling became much worse. His sheath and floss of the abdomen became involved. The hair has fallen off in spots, but is growing again. R. T. H.

Ans.—Some horses are predisposed to swellings of this nature, and the predisposition is increased by changes of conditions, as taking horses off grass and feeding dry food, and giving cattle little exercise, etc., also by a changed condition of the blood. Purge him with six to eight drams aloes and two drams ginger. Feed bran only until purgation commences. As soon as his bowels become normal, give regular exercise, and give one and a half ounces Fowler's solution of arsenic eight and morning for ten days; then, for a week and repeat. Dress the affected skin with corrosive sublimate, and wash with a pint of water twice a day.

### 140 - JERSEYS - 140

to choose from: 74 First Prizes, 1904. We have what you want, male or female.  
B. H. BULL & Son, Brampton, Ont.  
Phone 62.

#### JERSEYS

For sale: Yearling bull, dam gave 6,000 lbs. milk with first calf; bull calf, from 1st-prize three-year-old heifer, Toronto, 1903; also a fine lot of heifers. Also Cotswold ewes, a few good ones.  
WILLIAM WILLIS, Newmarket, Ont.

What Offers for the Golden Lad—Nameless bull "Golden Name," dropped May 6th, 1901. Sire "Great Name" (imp.), dam "Mystery of Amherst" (imp.), bred by Charles Lank Estate. To avoid inbreeding, I am prepared to sell this bull cheap. His stock is O. K.  
F. S. WETHERALL, Cookshire, Que.  
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### HIGH-CLASS AYRSHIRES

For sale: One yearling bull, one bull calf from 4 to 8 years old with milk record from 54 to 62 pounds per day. Also heifer calves. Have won hundreds of prizes on my herd. Prices very reasonable, considering quality. Also B. P. Rocks, Black Minorcas, silver-Grey Dorkings, Aylesbury Ducks. For prices write  
WILLIAM THORN,  
Trout Run Stock Farm, Lynedoch, Ont.

### SPRINGHILL AYRSHIRES

Animals from this herd won the aged herd prize, also first on aged cow and champion female at both Toronto and Ottawa this fall. A number of young bulls from prizewinning cows, also females, all ages, for sale.  
Robt. Hunter & Sons, Maxville, Ont.

Farm one mile from Maxville station on C.A.R.

### High-Class Ayrshires

My offering of bulls consists of one August, 1903, calf and three spring calves, including one from imported Daisy of Auchenbrain, with a record in her 13th year of 12,773 lbs. milk in 9 months. All sired by imp. bull.

W. W. BALLANTYNE,  
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#### MEADOWSIDE FARM

Ayrshire Cattle, Shropshire Sheep, Berkshire Pigs, B. P. Rocks and B. Oringtons. Young stock for sale.  
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### AYRSHIRES FROM A PRIZEWINNING HERD

Hover-a-Blink, one of my stock bulls, and heifers for sale at reasonable prices. For particulars, etc., write to  
WM. STEWART & SON,  
Campbellford Sta. O. Merle P.O., Ont.

AYRSHIRES Am now offering my famous stock bull, Lord Rifton, at reasonable price; also a few cows from 5 to 8 years. Have a choice lot of heifers and bull calves out of my prize cows, winners at Canadian Eastern Exhibition.  
D. M. WATT, Allan's Corners Que.

#### SUNNYSIDE AYRSHIRES

Are now offering Leader of Meadow Bank, the Pan-American winner, and three young bulls, from 1 year to 2 mos. old; also cows and heifers, all ages. Prices right. Address  
JOHN W. LOGAN, Allan's Corners, Que. O.

#### AYRSHIRES FOR SALE.

Four yearling bulls and 6 heifers, and spring calves of both sexes, all sired by Minto (10490). Bred by A. Hume, Merle P. O., Ont. F. W. TAYLOR, Wellman's Corners, Ont.

#### AYRSHIRES.

4 choice bull calves four to six months old; 1 bull fit for service. Females all ages, bred for size and production. DAVID LEITCH. Prices right. Cornwall, G. T. R. CORNWALL, ONT.  
Apple Hill, C. P. R.

#### HIGH-CLASS HOLSTEINS AND TAMWORTHS

Bulls ready for service, by the invincible sweepstakes bull, Judge Akkrum De Kol 3rd, and out of choice dams; also some choice bull calves. Tamworths of the most approved type. A few sows in farrow to offer. Write at once for prices  
A. C. HALLMAN,  
Waterloo Co. Breslau, Ont.

#### Maple Glen Stock Farm

offers for sale two choice Bull Calves, grandsons of Carmen Sylvia; also one from a daughter of the world's famous Inka Sylvia. Nearly ready for service. All are sired by sweepstakes show bull, Ottawa, 1903. Address  
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A fine BULL CALVES, grandsons of Isosco lot of Bulls, Pride, sweepstakes cow, Pan-Am. bred from prizewinners Toronto and London. Also lot of Chester White pigs.  
W. H. SIMMONS,  
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#### Maple Grove Holsteins

—In official tests they stand 1st for cow, 1st for 3-year-old, 1st 2-year old and 1st under 2 years old. If you want bulls or heifers from such stock at reasonable prices, write  
H. ROY FLETCHER, Cassel, Ont.

Dehorned Cattle  
rest easy and show better milk and beef results. The job is quickly done with the  
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DEHORNER.  
Cuts four sides at once. Leaves it smooth and clean cut, no breaking or crushing of horn. More widely used than any other. Fully guaranteed.  
R. A. McKENNA V.S. PICTON, Ont.

### Veterinary.

#### HEIFER WITH COUGH.

Heifer did not do well all summer. Shortly after going into the stable, I noticed her cough, and she coughed more or less ever since, and sometimes coughs up a greyish-colored phlegm. The cough is not distressing, merely a forcible expulsion of breath. Some of the other cattle and one horse are now coughing.  
J. W. K.

Ans.—I am of the opinion the heifer is tubercular, and, if so, it will account for the other cattle contracting the disease, but she is not responsible for the cough in the horse. Isolate her and all others that are coughing, and get your veterinarian to test them with tuberculin. Any that react should be kept isolated and disposed of according to the advice of the veterinarian. If the heifer reacts, she should be destroyed, as it would be very dangerous to keep an animal showing such clinical symptoms. If none react, you need not be alarmed.  
V.

#### INFECTIOUS ABORTION.

My cows have infectious abortion. I saw an article on the subject in a recent number of the "Farmer's Advocate," but I do not understand:

1. What is corrosive sublimate?
2. How much and how often should it be injected, and what is the best instrument to use?
3. What quantity of carbolic acid should be given?
4. How much of the solution should be used when injecting into the bull's sheath before and after service? J. E. J.

Ans.—In the article you refer to, which appeared in the issue of Dec. 22nd, 1904, page 1,767, all these details were given.

1. Corrosive sublimate is a preparation of mercury, called mercury bichloride.
2. About two gallons once daily, until the neck of the womb closes so that the nozzle of the pump will not enter. A veterinarian's injection pump is the only suitable instrument.
3. From twenty to thirty drops twice daily.
4. Sufficient quantity to fill the sheath. Of course, it runs out almost at once.  
V.

#### MISCELLANEOUS.

1. Twelve-year-old cow in good condition calved Dec. 15th. Since then, she has become thin and weak, and she slavers a great deal.

2. Mare stalks considerably in stable. I have noticed her pass some worms.

3. Heavy draft filly went lame behind last June. I blistered the fetlock, but am now convinced the trouble is in the hip. Would you advise a severe blister or a mild one?

4. Cow, dehorned three weeks ago, bled a good deal, and has been stupid ever since. The sore has been kept open, and the pus allowed to escape.

5. Twelve-year-old pregnant mare is subject to a swelling of one of her hind legs.

6. Large-combed fowls got their heads badly swollen.  
A. McD.

Ans.—1. Have the mouth examined and teeth dressed. Give one dram each sulphate of iron, ginger, gentian and nuxvomica and thirty drops carbolic acid as a drench in a pint of cold water three times daily until appetite improves.

2. See answers to R. T. H. and W. L. this issue.

3. If you are satisfied you have at last located the trouble, apply a severe blister once monthly until cured, but if you are not satisfied with your diagnosis, call your veterinarian in. The trouble may be in the hock.

4. Turn the head three times daily so as to allow pus and serum to escape. Dress the parts with carbolic acid, one part; water, twenty parts each time. It is probable the stupidity will gradually disappear.

5. The administration of medicines to pregnant mares for the cure of such ailments is dangerous. See that she gets regular exercise, and feed largely on bran and a little linseed meal, a few roots and hay. Feed little or no grain.

6. All that can be done is to dress daily with carbolic acid, one part; sweet oil, thirty parts.  
V.

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Forty head to select from. Such great sire as Sir Hector De Kol at head of herd. Present offerings: Young bulls, cows and heifers, all ages. Am booking orders for our entire crop of spring calves with gilt-edge pedigrees. We quote prices delivered at your station. Safe arrival guaranteed.  
H. E. GEORGE, CRAMPTON, ONT.

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owned by me (formerly at Brookbank Stock Farm, Currie's) won all sorts of honors in milk tests at Toronto, Ottawa and Guelph (5 years), and among many other prizes in the show-ring, including sweepstakes at Toronto and Pan-American in competition with the best in the world. Our herd is always improving. We have now 5 cows whose official test average 22 1/4 lbs. butter in 7 days, 10 cows whose official test average 20 1/4 lbs. butter in 7 days, 15 (3 yrs. and up) whose official test average 19 1/4 lbs. butter in 7 days, 10 (3 and 4 yrs.) whose official test average 17 lbs. butter in 7 days, 10 heifers (average age 26 mos.) whose official test average 11 lbs. butter in 7 days. That is our idea of a dairy herd, and the kind of stock I handle. A few good young bulls, 1 to 13 mos., for sale.  
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Herd headed by Sir Mechthilde Posch, whose four nearest ancestors average 25 lbs. of butter in 7 days in official tests. Cows, heifers and young bulls, sired by Homestead Albino Paul De Kol, a grandson of De Kol 2nd Paul De Kol, sire of 41 A. R. O. daughters, the greatest sire of the breed. Write for extended pedigrees and prices.

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