

and Health.

TER HALL, IN THE "DAILY MAIL," LONDON.)

of color on the mind and relation to physical and being has hitherto been so red and understood that one forward with interest to ing of the result of recent in this direction, on some of and nerve-shattered soldiers, cases of shell-shock and down.

tific employment of color can adoubtedly has already done es, bodily healing and mental y the sooner the subject is studied and understood the

monly used phrases already colors have been popularly ith corresponding mental seeing red," "a fit of the colored glasses," and many

stimulating and exciting in most people; hence "seeing s the mental condition of at temper or in an unusually

ming and soothing in its ducing bodily inflammation, controlling violent mental passion, and in some cases depression and melancholia. of madness have been overcome by the action of ue and violet glass; while as been successfully treated ed glass.

cant that many patients brain disorders evince a on to certain colors—these be placed near them, and employed should be those viously agreeable to the se, by their action on the res, doubtless supply some cy.

ople in health yellow and nderful effect on the brain, d increasing its power for

mbination, the writer has n of soft blue with bowls of It is at once stimulating ving clearness of thought ivity.

ally sick the influence of ely be over-estimated; the prison walls and of the of Portland must have an on the degenerate brain ed criminal; while the depressing influence on must be terrible and cruel. tened and humanitarian oled in our prisons, and aim of punishment is to erate and not merely to ll that is beautiful and not be eliminated from nt.

system helps to fill our deaden and stultify the the prisoners.

cely imagine a man em- ing and agricultural urder, not can one think surroundings of a prison g out any latent good some encouragement.

rkhouses are devoid of re like prisons, with their and colorless surround- s for the aged and help- om have spent their lives d enriching the country: ave a right to the best when their work is done. t are God's messengers, o all, and they should be

rialistic aspect of color cently demonstrated by of placing working girls oms, one room prepared ther with blue paper; room were more active rk but were inclined to while those in the blue ked steadily and quietly, ve and energetic.

a humorist was being nd was forced to listen anecdotes. Sid had to d when he was ready, o commence again, he go over it again?" "No the customer. "It's I think I can remember

All Cows Are Alike to the EMPIRE

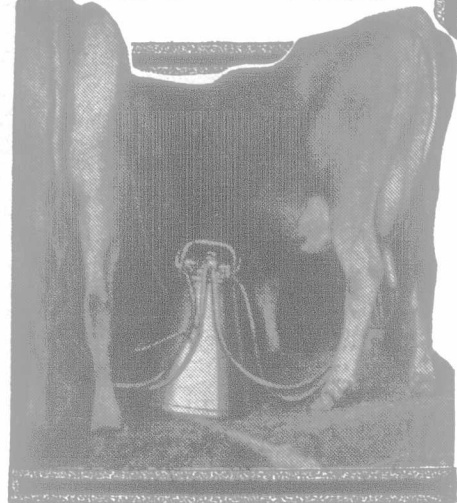
HARD milkers or easy milkers—nervous or calm cows—large or small teats—even or uneven udders—they are all alike to the Empire. It milks them all. And Empire teat cups stay on without surcingles or harness.

EMPIRE MILKING MACHINES

are now equipped with our new Super-Simple Pistonless Pulsator. No wearing pistons to leak vacuum. It operates teat cups with absolute regularity. Cows like it. It soothes and quiets them. Results in greater milk flow and also increases period of lactation.

Write for 1919 Catalog No. 11 and name of nearest dealer who will demonstrate the Empire for you without obligation.

The Empire Cream Separator
Co. of Canada, Limited
146 Craig Street West
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Fight Lice!

Lice must be conquered. They torture your fowls, cattle and other live stock, and kill your plants. In short, they sap your profits.

Pratts Powdered Lice Killer

kills lice, mites and insects on fowls, plants and animals. Does not irritate the skin or lungs of poultry. Harmless to use. Certain in results.

At your dealer's in sifter top cans.

Write for new book on care of Poultry. It's FREE.

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Holstein Bulls

15 ready for service, 1 younger. From dams with 32.7 lbs. butter in 7 days to those priced for the most conservative buyer. Females also.

R. M. HOLTBY
R. R. NO. 4, PORT PERRY, ONT.

Questions and Answers. Miscellaneous.

Children's Home.

What is the address of the Children's Home in London where I might get a child about two years of age? F. E.

Ans.—Write Mr. Kelly, Secretary of the Children's Aid Society, City Hall, London.

Cattle Stable.

I am contemplating building a cattle stable to accommodate twelve head but am not conversant with the requirements of a cattle stable. I was planning on having the cattle face the centre, would like to know how wide to make the feed alley, the depth for stalls, and what space to leave for rear passage-way. How wide should the stalls be? I was thinking of building the walls of cement blocks and putting in a re-inforced concrete ceiling, with a 12 or 14-foot frame and galvanized structure on this wall. I was planning on a practically flat roof, covered with tarred roofing. W. A. K.

Ans.—The idea of having the two rows of cattle face each other is a very good one. You will find 5 feet plenty narrow enough for the feed alley and there should be at least 5 feet behind the cattle—that is, for convenience. The stalls should be about 5 feet deep and 3½ feet wide. For large cattle they should be a little wider. You will need 18 to 20 inches for mangers. The cement-block walls should be satisfactory, but we have not had any experience with a concrete ceiling. This would come rather expensive as considerable re-inforcing would have to be done, and steel and wire are expensive. A flat roof might be all right, but you will not find it nearly so convenient in putting in the hay and grain as if you had a hip-roof barn.

Veterinary.

Abscesses.

This winter and spring and less frequently other years, our cattle have had swellings filled with pus or blood on various parts of their bodies. Calves have commonly had them on their cheeks, older animals anywhere, frequently on the legs. When left alone the swellings eventually disappear, in some cases burst. H. G.

Ans.—These abscesses are the results of either bruises, a species of blood poisoning or tuberculosis. It will be wise to have the herd tested in order to discover whether tuberculosis is prevalent in it. All that can be done in treatment is to lance each tumor to allow escape of pus and then flush out the cavity 3 times daily until healed with a 5 per cent solution of carbolic acid or one of the coal tar antiseptics, and give the patient 1 to 6 drams (according to size) of hyposulphite of soda 3 times daily. V.

Gossip.

E. O. Baldwin, a Jersey breeder of Coaticook, Que., whose advertisement of Jerseys appears in these columns, writes that he has just sold two carloads of pure-bred Jersey cows to B. H. Bull & Sons, of Brampton. There were 24 splendid animals in the shipment, which reflect credit not only on the breed and the breeder but on the large herd at Coaticook, Que., where visitors have an opportunity of seeing one of the largest and best equipped stables in the Dominion.

The twentieth anniversary of the International Live-Stock Exposition will be commemorated by the introduction of several important new features, one of which is the launching of an International Grain and Hay Show, with \$10,000 in premiums. A nation-wide non-collegiate live-stock judging contest of the champion teams from the various States will also be staged. Several scholarships and many attractive prizes will no doubt stimulate interest in the contest. Practically every department of the Exposition will show increased offerings both in regular and special prizes.

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Worry No More About Lightning.

Lightning cannot harm any building equipped with Shinn-Flat Lightning Rods—this we guarantee when we make the installation.

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LIGHTNING RODS PROTECT

Shinn-Flat Lightning Rods are installed by men who have been carefully trained under the direction of Prof. W. H. Day—Canada's well known authority on Lightning Prevention.

Professor Day realizing the importance of efficient Lightning Rods scientifically installed is now devoting his entire time to advancing the use of Shinn-Flat conductors. You will profit by these services. FREE—Our illustrated book Lightning "Cause and Control" by Professor Day describes Shinn-Flat Rods and tells how the reduction in the insurance premiums pays for cost of installation.

SHINN MANUFACTURING CO. OF CANADA, Limited
Factory and General Offices
GUELPH - ONT.
Prof. W. H. Day,
Sec. and Manager



Lightning Can't Strike IF Shinn Gets There First

Hospital For Insane, Hamilton, Ontario

We have yearling grandson of King Segis Alcartra Spofford—a splendid individual. Also fine bulls of younger age, prices reasonable Apply to Superintendent.

Highland Lake Farms

For Sale: Two extra good (30-lb.) thirty-pound bulls ready for heavy service. Priced to sell. Also younger ones by a son of May Echo Sylvia.

R. W. E. BURNABY - JEFFERSON, ONT.
Farm at Stop 55, Yonge St. Radial

29 Pounds Butter—103 Pounds Milk

This is the seven day butter record and the one day milk record of the dam of my last bull of serviceable age—an exceptional bred youngster and a choice individual. Also have a month old bul whose dam and sire's dam average 34.36 lbs. of butter in 7 days, 135.07 lbs. of butter in 30 days and 111 lbs. of milk in 1 day. If you want bulls of this breeding I can save you money.

D. B. TRACY HAMILTON HOUSE
HOLSTEIN OF QUALITY Cobourg, Ontario.

Raymondale Holstein-Friesians

A herd sire of our breeding will improve your herd. We have sons of our present sire, Pontiac Korndyke of Het Loo (sire of \$12,750 Het Loo Pieterje) and also sons of our former sire, Avondale Pontiac Echo. Several of these are of serviceable age, and all are from good record dams. Quality considered, our prices are lower than anywhere else on the continent. These youngsters should not remain long. Write to-day.

RAYMONDALE FARM Vaudeville, Que. **D. RAYMOND, Owner** Queen's Hotel, Montreal.

Manor Farm Holstein-Friesians

If it's a herd sire you want, write me. I have sons of both my senior and junior sires, King Segis Pontiac Posch and King Korndyke Sadie Keyes. All from good record dams. Choice bull calves at present to offer—average for two nearest dams, up to 34.71 lbs. butter to seven days. Correspondence solicited. Visitors welcome.

CORDON S. GOODERHAM, Clarkson Ont.

Stations: Cordon and Oakville. Farm on Toronto and Hamilton Highway.

Silver Stream Holsteins—Choice Bulls

We have six from 7 to 14 months old, sired by King Lyons Colantha, the records of his six nearest dams average 30.10 lbs. butter in 7 days, and by King Lyons Hengerveld 5 nearest dams average 31.31 and from R.O.P. tested dams. Individually as good as their breeding. If interested, write for particulars and prices or better come and see them. Jacob Mogk & Son, R.R. 1, Tavistock, Ont.

Cedar Dale Farm—The Home of \$15,000 Sire—Lakeview Johanna Lestrage, the \$15,000 son of the 38.06-lb. Lakeview Lestrage, is our present herd sire. We have young bulls sired by him and females bred to him—at right prices. Also have bulls of serviceable age by our former herd sire, Prince Segis Walker Korndyke, son of King Segis Walker.

A. J. TAMBLYN, Cedar Dale Holstein Farms, one mile from C.N.R. Station, ORONO, ONT.

Elderslie Farm Holstein-Friesians

Special offering—One bull fit for service, fine individual; dam gave 195.26 lbs. milk, 782.50 lbs. butter for year. He is a son of Judge Hengerveld De Kol 8th, who's a 32.92 lb. grand son of De Kol 2nd. Butter Boy. We have others younger equally as well bred. Write at once for prices or better come and see them. (Take Kingston Rd. cars from Toronto, Stop 37.) **A. MUIR, Scarborough P. O., Ont.**

Holstein Bulls and Females—Only four bulls left—of serviceable age. All are from good dams, and their individuality should sell them. Two are sired by May Echo Prince, ¾ brother to May Echo Sylvia. Can also spare a few nice straight heifers and young cows bred to our 33-lb. sire Gypsy Pontiac Cornicopia. Prices right. **JOS. PEEL, Port Perry, Ont.**

Alluvialdale Stock Farms Offer For Sale

Two young Registered Holstein bulls fit for service. Dams official tested of Johanna strain, sire, Sir Gelsche Walker whose 7 nearest dams average 30 lbs. butter in 7 days. Write for price and pedigree. **T. L. Leslie** Norval Station, Halton County, Ont.

WALNUT GROVE HOLSTEINS

I am offering a choice lot of bull calves sired by May Echo Champion who is a full brother of world's champion May Echo Sylvia; also a few cows just fresh.

C. R. JAMES

(Take Radial Car from Toronto to Thornhill) **Richmond Hill, R.R. No. 1, Ont.**

6 BULLS BY KING SEGIS PONTIAC DUPLICATE

Brother to the \$50,000 bull. Three of these are ready for service and all are show calves. Write us also for females. We are pricing a number of heifers, bred to our own herd sire, Sylvius Walker Raymondale, a grandson of the great May Echo Sylvia. We now have bull calves a few months old by this sire. Let us know your wants. **R. W. WALKER & SONS, Manchester Station, G.T.R. Port Perry, Ont. R.R. No. 4.**

Nothing for sale at present; except bull calves, born after January 1st. 1919
WALBURN RIVERS & SONS
PIONEER FARM, R. R. NO. 2, INGERSOLL, ONTARIO