Swine Breeding

R. H. Crossby, York County, Ont.

The boar, needless to say, should be kept healthy and given exercise. A boar that is not given plenty of exercise will not make as good a breeder as one that is given a yard to run in. It is not advisable to allow a boar to run at large for he will not pick up enough food to keep himself in good healthy condition. It is not advisable to use a boar before he is ten months or a year old. A good ration for a boar is two parts oat chop and one part each of barley chop and bran. This may be mixed with milk or water, whichever one may have. Sugar beets and mangels will make a valuable addition to the ration. Feed only what will be eaten up clean and give as big a variety of food as possible.

The breeding sows need plenty of exercise, especially during gestation. The sows can be turned out in the summer and will pick their living if given a good pasture. Water must be supplied if a supply is not already at hand. Unless the sows have access to a pen, provide a shelter for them of some sort in a corner of the pasture.

AROUND STRAW STACKS IN WINTER

During the winter the sows can be kept in good shape on mangels or sugar beets with a little grain during the coldest weather. If a shelter is provided the sows can run around the straw stack all winter.

A week before farrowing put the sow in a pen by herself so that she may become used to it. Provide short straw for bedding. If long straw is given the little pigs are liable to get tangled in it and will be stepped upon or layed on by the sow. After farrowing do not feed the sow anything for ten or twelve hours. Then give her a drink of warm water. If you have it warm skim milk is better than water, if it is fresh. A little middlings may be fed after the first day, increasing the amount daily until you give her all she will eat up clean.

When the little pigs are three weeks old or a month old they should be given a little warm milk in an adjoining pen where the sow will not get it. Gradually mix in meal with the milk. In this way the pigs will be good eaters when weaning time comes.

THE TIME TO WEAN

After weaning the pigs, at six or eight weeks of age, the sow should be fed sparingly for a few days. The young pigs should not be fed too heavy or trouble will result. Give the little fellows only what they will eat up clean. Middlings and a little oat chop mixed in the milk makes the best ration for them. Increase the amount of meal gradually. Barley chop can be added to the ration when the pigs are three months old. Mangels or sugar beets should also be given. A little at first and increasing as the pigs grow. A little charcoal mixed with their feed once or twice a week will prevent indigestion. A little sulphur every other week is also good. In summer pigs can be turned into a clover field and raised on less grain than if kept in pens. If you have a bad patch of thistles or other weeds turn a flock of ringed pigs on it and they will clean it up for you.

AYRSHIRES

SPRINCHILL AYRSHIRES

Imported and home bred stock of all ages for sale. See our stock at the leading shows this fall. Write for prices.

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Maxville, Ont.
Long distance phone. E 6-23-09

Ayrshires on Ste. Marguerite Farm

have been selected from the best milking strains in Scotland, are large showy animals, with great milking ability. A number of young bulls for sale ranging from 2 years to several months. Also Tamworth pigs and Shropshire Sheep. Write for prices.

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FOR SALE—A choice herd of 10 heifers and 8 bulls, from 10 to 24 months old, at bargain prices; also a few cows with calf by side, and bred again, can be spared.
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We must sell at least 25 cows and heifers at once, to make room for the natural increase of our herd. This is a chance of a lifetime to get a good bargain; we also have a few young bulls, Pontiac Hermes, imp., son of Henderveld DeKol, world's greatest sire, head of herd. Come and see them.

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Putnam Stn., 1½ miles—C.P.R. E-tf

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Bull calves from 1 to 4 months old, sired by Dutchland Sir Hengervill Maple-Croft, he is imported from the celebrated Fields herd, champion herd of the world, sired by Piertje Hengerville Count DeKol, champion bull of the world. He is the only sire that has two daughters that made over 30 lbs butter in 7 days officially. Prices reasonable.

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I have only three cows of Brightest Canary to offer for sale. Speak quick if you want one.

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Breeders of Holstein-Fresian cattle of high-class merit. Young stock of both sexes for sale. Write for prices
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A. C. HALLMAN, Breslau,
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FOR SALE.—One Holstein Bull, eighteen months old, of DeKol and Mercedes breeding. Samuel Lemon, Lynden, Ont.
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FOR SALE.—A number of choice bred dairy Shorthorn young bulls; ranging 18 months old, out of a grand daughter of Indian Chief (imp.) and sired by a Red Bates dairy bull, Prince Lincoln, 39035; Red and a little white, 15 months old, out of a grand daughter of Baroness Butterfly (imp.) and sired by Broad Scotch, a fine dairy bull. Blood red bull, 11 months old, out of a daughter of Joy of Morning (imp.) and sired by Prince Lincoln, 39035, a dairy Bates bred bull. Young heifers and dropped calves of the above strain for sale.

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Clydesdales and Hackneys

A very choice lot of Imported Clydesdale Stallions and Fillies, sired by such noted getters as Baronson, Baron Mitchell, and Marcellus.

In Hackneys I have to offer two big trappy handsome Stallions and two medium sized and exceptionally breedy ones from three to five years of age. All show high straight action and combine the choicest breedings In Fillies I have a number of prize winners at Canada's leading shows, as well as a number of coming show ringers to offer. Prices will be right. for the goods and suitable terms can be arranged. Come and see them.

W. E. BUTLER, - - - Ingersoll, Ont.
o-12

It is desirable to mention the name of this publication when writing to advertisers.

Regulations Respecting Free Admission of Animals

On July 1st there came into effect new regulations regarding the custom entry of animals imported into Canada for the improvement of stock. Heretofore all certificates of registration, which were apparently genuine, were accepted by custom officers for the purpose of free entry. Under the new regulations, either a Canadian certificate of registration or an import certificate, as the case may be, must be presented.

Canadian certificates of registration must be presented at the Port of Entry, for the following classes and breeds:

CATTLE. — Shorthorn, Ayrshire, Hereford, French Canadian, Galloway, Aberdeen-Angus, Red Polled, Jersey, Guernsey and Holstein.

HORSES. — Clydesdale, Hackney, Shire, Percheron, Thoroughbred Belgian and French Canadian.

PONIES.—Shetland, Welsh, New Forest, Polo, and Riding, Exmoor, Connemara and Hackney.

SWINE. — Yorkshire, Berkshire, Tamworth, Chester White, Poland China, Duroc, Jersey, Essex and Victoria.

SHEEP.—Shropshire, Lincoln, Oxford Down, Dorset, South Down, Hampshire and Leicester.

The Canadian records for all above mentioned breeds with the exception of that for Holstein Cattle, are conducted under the Canadian National System in the office of the Canadian National Records, Ottawa. The Holstein Record is located at St. George, Ont. In making application for the registration of an imported animal, the foreign certificate of registration, in addition to the usual application, must be forwarded.

There are from time to time animals imported into Canada of breeds for which there are no Canadian records, but which are recorded in Books of Record of one of the following recognized foreign associations:

HORSES.—Suffolk Horse Society, (Great Britain); Cleveland Bay Horse Yorkshire Coach Horse Society of Great Britain and Ireland; American Morgan Register Association; American Saddle Horse Breeders' Association; American Trotting Horse Register Association; Commission des Agriculteurs de France (French Draft); Commission des Stud Book des Chevaux de Demi-Sang (French Coach); Landwirthschaftlichen Hauptverein fur Ostfriesland (German Coach); Zuchtverband des Sudlichen Zuchtgebietses (German Coach); Verband dur Zuchter des Oldesburger eleganten Schwerap Kutschpferdes, (German coach); Verband der Pferdezuchter in den Holsteininchen Merschem, (Oldenberg.)

CATTLE.—Highland Cattle Society of Scotland; Kerry and Dexter Herd Book, (Dublin, Ireland); Sussex Herd Book Society, (Great Britain); Polled Durham Breeders' Association, (United States); National Polled Hereford Breeders' Association, (United States.)

SWINE.—Large Black Pig Society, (Great Britain.)

SHEEP.—Suffolk Sheep Society, (Great Britain); Kent and Romney Marsh Sheep Breeders' Association, (Great Britain); Cheviot Sheep Society, (Great Britain); Wensleydale Longwool Sheep Breeders, Association, (Great Britain); Black Face Sheep Breeders' Association, (Great Britain.)

GOATS.—British Goat Society.

ASSES.—Societe Centrale d'Agriculture des Deux Sevres (France); Book Books of Jacks and Jennets of Spain.

To secure free custom entry for an animal so recorded it is necessary to forward to the Canadian National Records, Ottawa, the foreign certificate of registration. The accountant of the Canadian National Records will return to the importer the foreign certificate to which will be attached an import certificate which will be authority to the custom officer to admit the animal duty free. A nominal charge will be made by the National Record for this service.

If further information is desired such will be supplied on application to the "Accountant," National Live Stock Records, Ottawa.—J. B. Spencer, Acting Live Stock Commissioner.

Feeding Sulphur to Cows

Can sulphur be fed to cows without damaging the milk for butter or cheese making? If so how should it be fed?—D. L.

The continued administration of sulphur to milking cows would probably give odor to the milk. Sulphur is supposed to be excreted by the skin, but in milking animals it is probable it would be partly excreted by the lacteal apparatus and give its characteristic odor to the milk. At the same time, if a milking cow were suffering from any disease for the cure of which sulphur is indicated it would be wise to give the drug until the disease is cured even though it acted upon the milk. I may say that I do not know of any diseases in cattle in which the continued administration of sulphur is indicated. The practice of feeding any drug to a healthy animal is very unwise. When sulphur is given it should be given in about 1 oz. doses, 3 times daily, either in damp food or in a litle cold water as a drench.

The premiums and prizes to be given at the Canadian National Exhibition, Toronto, this year, foot up to over $50,000.00, three-fourths of which is devoted to the agricultural section. To live stock is given between $27,000.00 and $28,000.00. Entries close with the manager, J. O. Orr, City Hall, Toronto, on Tuesday, August 5.