

Questions and Answers.

(Continued.)

1. You have touched one of the knotty problems in breeding. A good many breeders hold to the opinion that the sire transmits the external characteristics of his breed to the progeny, while the dam transmits internal peculiarities. There is, however, much conflicting evidence on this point, and this rule or law, if it be such, does not always hold good. No infallible rule can be laid down. Of the breeds mentioned the Yorkshire is probably the most prepotent. We would expect the progeny to be white if the sire was a Yorkshire and the dam a Berkshire. If the sire was a Berkshire and the dam a Yorkshire we would expect that the strong prepotency of the Yorkshire blood would override the influence of the Berkshire somewhat, and would look for considerable white in the progeny. Then the influence of a previous impregnation sometimes comes in to change things in an unexpected way.

2. You can register the progeny. Should, however, any influence of the out cross show itself in the succeeding litter, as it sometimes will, those animals showing it should not be registered, although you could legally do so. They should be treated as only grades. It would not be to the interest of any breeder to dispose of them as purebred.

3. Purebred is the proper term; thoroughbred should not be used.

It is a mistake to have a half dozen branches to the grape vine where there should be but one. The one should give fine, large berries, and bunches which would weigh just as much as the fruit on the half dozen shoots which usually adorn the old vine. Try pruning freely.

Publishers' Desk.

The Results Were Extraordinary.—Wapella, N. W. T., Feb. 13, 1897. —I keep your Gombault's Caustic Balsam in stock. I have sold it for the last three years. I have been in the drug business in Ontario and this country, but it is not known to the majority. I sold a bottle which I saw used under my own supervision, which gave most universal satisfaction. The results were extraordinary. I sell it here at \$1.50 per bottle. I am quite a horseman, and would be pleased to use my pictures of the noted racers of the day, to our mutual benefit. —J. A. MACDONALD.

Central Canada Exhibition Association.—Special prizes will be offered this year at the Ottawa Exhibition for the best pen of bacon hogs, not less than five, suitable for the export trade. Prizes amounting to \$45, divided into three prizes, will be given by the George Matthews Co., Limited, and Mr. J. W. McKee. A member of the Pork Packers' Association will be chosen to judge the exhibits in this class. Special prizes will be given by the American Shropshire Association for Shropshires, and by the Holstein Friesian Association of Canada for a milking test. Preparations are being made for a good show. C. McMahon, Ottawa, secretary.

To Know It is to Use It.—"Diamond Grip Fence."—A new departure has been made of which no doubt hundreds of farmers will take advantage. The expense of machines and farm rights for making wire fence for farm use has been entirely overcome. The Canada Fence Co., of London, Ont., not only offer to furnish material for what they claim is the best wire farm fence made, but also give a machine and license to all their customers with the material for the first hundred rods of fencing purchased from them. This is not all, as they also sell the material at a price that cannot but interest and be of great advantage to all requiring fences. Full information about fence and prices on application.

Stock Notes

N. DUBREY, Clapperton Corners, writes. My stock are doing nicely. Drummond, 2036, is a bull of good type, good size, and you will soon hear from him and his stock. He will soon be two years old, and is going to make a good one. I have a few nice two and three-year-old heifers on hand, and a nice call out of three Banks Suses. I believe the Ayshire Association made a step in the right direction when they decided to do away with the appendix.

NATIONAL SHROPSHIRE RECORD ASSOCIATION.—At the meeting of the National Shropshire Record Association, held at Lansing, Mich., February 22nd, a number of enthusiastic Shropshire breeders were present. Rules of entry, constitution, and articles of association were adopted which embrace features of the recording business that will tend to higher quality,

uniformity and purity of blood in Shropshire sheep. Rules of entry, constitution, etc., will be printed and ready for distribution about May 1st, by Robert Ginn, President, HERBERT W. MUMFORD, Agricultural College, Michigan, Secretary.

MAPLEHURST DAIRY FARM, SMITH'S FALLS, ONT.
The main business of this farm at present is the production of fine butter. As a fitting adjunct to this line of business, the Messrs. Ferguson have for some time been breeding Berkshire swine of the most approved and correct type. When the foundation of the present Berkshire herd was laid the owners worked upon the principle that the best was none too good; as a result of this early last fall all surplus stock had been disposed of to well satisfied purchasers. At the head of the herd is "Western Beau," a very lengthy boar with good depth and thick kness, bred by Mr. J. G. Snell. He was sired by the famous Baron Lee, 4th. Jack the Ripper is a very promising year-old boar of good form with markings right, bred by Mr. C. T. Garbutt, Clarendon. Among the sows are Josephine, bred by Messrs. Snell; she is of nearly perfect form and has given birth to three litters of right young ones. "Canadian Yet" and "Juliet," both sired by Jack, are fine rangy dams of nice form. In "Jill," a fourteen months old sow, the progeny have one of the most likely animals in eastern Ontario. There is an almost universally prevalent opinion that Berkshires are among the most if not the most unprofitable of all breeds of swine, this is contradicted in the case of this herd, as nearly every litter numbers nine or over. Young stock from this herd, which just now numbers about thirty head, are offered for sale elsewhere in this issue. Prospective customers may rely on getting straight business treatment in their dealings with this firm.

Mr. Simmonds' Dispersion Sale.

Mr. Simmonds' sale is likely to be one of the features of the stock business of the month, and will present an opportunity to buyers seldom enjoyed. In our sketch of Mr. Simmonds last week we stated that he had been breeding Shorthorns for nearly thirty years. His first purchases were made from George Miller, Markham, and consisted of two good heifers, Mors and Edward, which formed the foundation of the strains in his herd. Mr. Simmonds has always had a long eye on Cruickshank blood when making additions to his herd, or when choosing a sire to head it. The success has been his, for the leading show champions him as a careful breeder, who knows what he is about. He has not been carried away by any craze for fancy points, but has steadily held to a useful type of animal, and now has his reward in having a herd combining high producing qualities and a very large measure of milk production also. The herd comprises representatives of such families as the Minas, Goldendrop, Strathallan, Elvira and Cleopatra. There are perhaps more Strathallans in the herd than of any other family. The foundation stock of this family was purchased from John Miller, of Brougham in Rose of Strathallan 3rd, out of Red Rose of Strathallan by the Doctor (Imp.). This cow was a good investment for Mr. Simmonds, as she raised him fourteen calves. Her eldest daughter, Daisy of Strathallan, by Victor Regalias (Imp.), has inherited the good qualities of her dam, for five of the females in the herd are her daughters. They show the solid color of the family very well, and are by noted sires, as Mina Chief (the sire of the herd of four calves that won first place at Toronto, 1894), Royal Saxon (first as aged bull, Toronto, 1894), Hampton M. and Blue Ribbon. Other daughters of Red Rose of Strathallan 3rd have been famous. The sweepstakes female at the leading shows last fall was a daughter of hers, and one in the herd now. Daisy of Strathallan 13th, by Hampton M., is no stranger to high honors in the show ring. All this family are noted for their deep, blocky frames, evenly covered with deep, firm flesh. No one can make a mistake in securing any of this family as foundation stock. Of the Goldendrop family there are a number of good representatives. The original Goldendrop was by Hampton Hero, out of Fancy Drop (Imp.). Of the Elvira family, we need make no comment. The Mina family are represented by two grand cows of conformation and fleshing that is liked everywhere. A heifer of hers by Royal Saxon is the other member of this useful family. Of the Elvira family there are a few good representatives fit for the show ring. The present stock bull, Blue Ribbon (Imp.), is by Royal James, dam Positivity. He comes of famous breeding. He is now doing service for the second season in the herd. His progeny prove him to be a valuable sire, as they are all coming in solid colors, very smoothly built and uniform in fleshing. All the young stock are good ones. No one can make a mistake in purchasing to k at Mr. Simmonds' sale, for his long training as a feeder of cattle early taught him the form and quality necessary for highest results in beef production, and these, Mr. Simmonds has secured in his herd in a very large degree. The sale will be on March 18th, at Ivan, seven miles from Midleton, on the L.H. & B.R.

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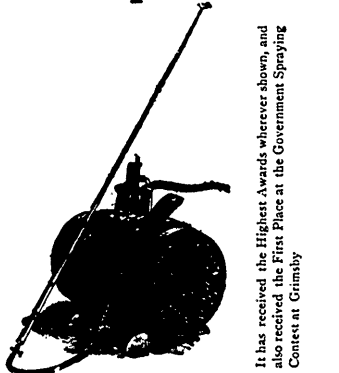
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H. L. HURTY, Judges.
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