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QUESTIONS AND ANSWERS. Miscellaneous.

PIGPEN PLAN.

Have building 24 x 60 feet, which I wish to make into pigpen to the best advantage, six or seven pens being adequate for my stock. Have you a plan that would be suitable, leaving plenty of space for alleyway, and having all modern improvements?

Ans.-The space available is larger than would be requisite, but if there is no other use to which it may advantageously be devoted, an arrangement on the lines indicated in the plan of Mr. Gilbert's pigpen, page 329, issue March 4th, might be adopted. There would be plenty of room to partition off a place for poultry at one end.

## ALFALFA.

1. Can I get a good catch of alfalfa by seeding in the spring on fall wheat, which has been well manured, if I run a light harrow over to cover it? 2. I have been told that the roots will

block underdrains. Is this so? 3. Is alfalfa injurious to fowl if close to buildings where they have free range? 4. Is it hard to produce seed from

alfalfa, and how is it accomplished? A BEGINNER Ans.-1. You might, but fall wheat has not generally proven a good nurse crop

with which to seed alfalfa. 2. Trouble is not, ordinarily, to be anticipated from this source. A. T. Wiancko, of Purdue University, reports that most of the alfalfa in that section of Indiana is sown on tile-drained land, and he has not heard of any difficulty from the blocking of the drains. If the tile are clean and free of silt, there is no particular danger of alfalfa roots clogging them.

3. On the contrary, an alfalfa pasture in the neighborhood of the poultry yard, will afford ideal pasture for the birds, doing more to fill the egg-basket and promote growth of young birds than any other green food that can be provided. 4. Seed may be produced without difficulty by allowing the first or second cut-

ting of the season, preferably the second in this country, to mature, and then harvesting when a majority of the pods assume a dark brown tint. The crop may be cut with a mower and raked into windrows, or even put in coils, handling in the early and late hours of the day. may also be harvested with a self-rake reaper or binder, or by means of a cloverseed table attached to the cutting-bar of a mower. It may be threshed with a clover huller, or with an ordinary threshing machine. In Canada, the yield of seed is usually scanty, running something like a bushel to the acre, and sometimes less, although occasionally several bushels are secured.

### UNTHRIFTY MARE.

Could you tell me what is good for an appitizer for horses. I have one mare that doesn't eat her hay very well; will eat a gallon of oats three times a day, and, as far as I can see, there is nothing wrong with the hay? P. H. G.

Ans.-Get your druggist to mix 1 oz each of sulphate of iron, gentian, ginger and nux vomica, and divide into 24 powders. Give a powder three times daily on damp food. It might be well to have her teeth examined and, if necessary, treated by a competent veterinarian.

### CALF NOT THRIVING.

Heifer calf, eleven months old, does not eat as she ought to; manure hard and dry, most like sheep manure; is thin, and in general appearance poor. She has been fed hay, mostly red-top; turnips, bran, and oat chop, mixed, two parts bran to one of chop.

Ans.-It would seem as though this cali had been stunted by lack of proper food and attention in the early months of its life, or perhaps later, and that indigestion has been brought on. The present ration is pretty fair, but could be improved by adding a small handful of ground flax seed or oil-cake meal. It would be well to give her a dose of castor oil, 4 tablespoonfuls, in warm water or milk, as a drench, or raw linseed oil, a little less than half a pint.

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Any person wanting a good horse will find this a good bargain, as the owner is going out of business. GEO. BROWN, Prop., BRIGHT, ONT.

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Mention this paper in replying

## AUCTION SALE OF HORSES! Clydesdales, Hackneys, Welsh Ponies

On Wednesday, March 31st, 1909, at 2 o'clock p. m., Sharp.

There Will Be Offered for Sale by O. Sorby, at His Farm, Lot 8, Con. 5, in the Township of Puslinch, the following Horses:

## CLYDESDALES:

- The Stallion, white face and legs.
- 2. The stallion, "Scotland's Model," by "Acme," 4 off, dark brown, white face and legs. 3. The mare, "Priory Maid, by "Baron's Pride," foaled July 2, 1906,
- brown, white face and legs. 4. The mare, "Marinetta," by "Benedict," foaled June 26, 1906, brown, white stripe on face, hind fetlocks white.

5. The mare, "Phillipa," by "Prince Sturdy," foaled April 25, 1906, white face, near fore and hind legs white.

6. The mare, "Corona," by "Baron Mitchell," foaled May 8, 1906, bay, strip on face, white fore foot and near hind leg.

These horses are all imported stock, and are of extra quality, by the best sires in Scotland, viz.: Baron's Pride, world renowned, and Benedict is his most famous son and an exceptional producer, having been sold for a large sum to a Chicago party, and a larger sum paid to have him returned to Scotland, where he is eclipsing his sire's record. The certificates of registration will be produced at the time of sale.

## PONIES:

The chestnut mare, "Dinarth Mary," foaled 1906 by "Eddwen Flyer," with filly foal at first, foaled March 11th, 1909, by "Dinarth Hero.

2. The black mare, "Jet," foaled 1901, by "Mountain Pony." 3. A yearling bay stallion imported in utero, out of "Jet."

The certificates of registration with the Welsh Pony and Cob Society of the first two of these ponies, which are imported animals, will be produced at the time of sale. These animals were carefully selected for importation, and are show animals of HIGH QUALITY.

- HACKNEYS: "Attraction," by "Prince Attractive," aged, brown, with 1. The Hackney mare, "Bygrave Diploma," foaled 1904, chestnut, white hind and near fore leg, sired by Diplomatist, in foal to Warwick Model, a purebred registered sire of extra quality, who has been very successful in stud, also twice champion Hackney Stallion at London, Ont., Exhibition, and also first at Toronto Spring Horse Show. The certificate of registration of this mare will be produced. She is extra fine conformation, with show qualifications.
  - 2. The aged chestnut Hackney mare, "Langton Lily," white blaze and four white legs, in foal to "Warwick Model," This mare has been repeatedly a winner of the best shows in England, especially Gold Medal and Special at Norfolk Co.; Cup for best bred mare, and Challenge Cup for Best Hackney at Tunbridge Wells, and Silver Medal. Powel Court for Best Hackney at Tunbridge Wells; 1st and Silver Medal, Royal Counties, and in Canada has been twice Champion Hackney Mare at London, Ont. This mare is a producer of winners both in England and Canada.
  - 3. The chestnut mare, "Brentwood Queen," off hind foot white, star on forehead, foaled 1904, and is by "Middleton King." This mare was only shown twice, and was first each time. She is a superb mare, with splendid action and beautiful conformation, and is supposed in foal.
  - The aged dark bay Hackney mare, "Stella," star on forehead, and white off hind foot, by "Square Shot," out of celebrated "Miss Baker," in foal to "Warwick Model." This mare is a regular breeder and a producer of foals of great quality.
  - 5. The brown Hacknev mare, "Jubilee Beauty," star on hind fetlock, foaled June 7th, 1902, by "Jubilee Chief," (imported) out of the famous mare, "Stella," above mentioned, is in foal to "Warwick Model." This mare has extra fine and rugged conformation and has held regularly to service.

Certificates of registration of the last three of these, with Canadian Stud and of the First English Hackney Society will be produced.

Each purchaser shall pay 20% of the amount of purchase at time or sale, and secure the balance by approved joint and several lien notes, at 10 months', without interest. For purchaser over \$200.00, additional time will be given, or payment by instalments, as may be arranged. Conditions and particulars in full will

THOMAS ROBSON, AUCTIONEER.

O. SORBY, PROPRIETOR, GUELPH, ONT.