

1905; type and conformation to produce saddle and hunt horses, to be specially considered.—1, Patterson Bros., East Toronto, Halfling (imp.), by Macheath; 2, Robt. McKay, Doncaster, Procession, by Order; 3, Sellers & Hall, Toronto, Yoritoma, by Satsuma.

Stallions foaled on or after Jan. 1st, 1905.—1, James Bovaird, Brampton, St. Basset, by Bassetlaw; 2, Charles E. Ray, Toronto, Braggadocio, by Pirate of Penzance; 3, Power Bros., Toronto, New Guile, by Be-guile; 4, Power Bros., Toronto, Stone King, by Kapanga.

Champion stallion, St. Basset.

PONIES.

There was quite an excellent display of ponies. Goldfinder won ecomiums in the Shetland stallions, and Nipsie in the Shetland mares. In pony stallions other than Shetlands, an undisputed premium went to Graham-Renfrew Co.'s superb, flash-acting Hackney, Plymouth Horace, while, in pony mares, Oak Park Stock Farm Co. captured the red with Berkeley Elegance. Plymouth Horace and Berkeley Elegance won the stallion and mare pony championships, respectively.

Shetland pony stallions, any age.—1, Frank Gillies, Toronto, Goldfinder; 2, F. Du V. Elliott, Toronto, Lord Minto, by Vermont Dewey; 3, Reg. D. Meade, Scarborough Junction, Spider.

Shetland mare, any age.—Alfred Rogers, Jun., Deer Park, Nipsie; 2, Langton Bros., Toronto, Dolly; 3, Frank Gillies, Toronto, Balmanno Queen; 4, Reg. D. Meade, Scarborough Junction, Dolly; 5, W. H. Mead, Toronto, Queenie.

Pony stallions, any age, any breed other than Shetland, 14 hands 1 inch and under.—1, Graham-Renfrew Co., Limited, Bedford Park, Plymouth Horace (imp.), by Sir Horace; 2, T. H. Hassard, Millbrook, Royal Review (imp.).

Pony mares, any age, any breed other than Shetland, 14 hands 1 inch and under.—1, Oak Park Stock Farm Co., Brantford, Berkeley Elegance; 2, W. R. Mead, Norway, Minnie; 3, Andrew Aitchison, Guelph, Julia Marjory; 4, C. E. Gudewill, Montreal, Hillhurst Bonnie, by Cobhurst; 5, T. H. Hassard, Millbrook, Little Clip.

Champion pony stallion, any age, Plymouth Horace.
Champion pony mare, Berkeley Elegance.

HEAVY DRAFTS.

The calls for draft horses were responded to liberally by some choice specimens of Canadian breeding shown in harness pairs, also singly in harness, as well as on the line. The list of awards tells the story.

Heavy-draft geldings or mares, shown in harness, three years old or over.—1, Graham Bros., Claremont, The Masher, by Boreland Chief; 2, E. Dingman, V. S., Maplewood, Bright Joe, by Joe Anderson; 3, Smith & Richardson, Columbus, Paddy, by Lord Lieutenant; 4, Smith & Richardson, Columbus, Prince, by The Archer; 5, Dominion Transport Co., Toronto, Charlie, by Royal Huntley; 6, Dominion Transport Co., Toronto, Sir William, by Golden Victor; 7, J. W. Cowie, Markham, Tom, by Harmony.

Single draft horse, gelding or mare, shown on a line: bred in Canada, and the property of persons actually engaged in farming: to be sired by registered Clydesdale or Shire stallion.—1, E. Dingman, Maplewood, Bright Joe, by Joe Anderson (imp.); 2, Smith & Richardson, Columbus, Paddy, by Lord Lieutenant, (imp.); 3, Smith & Richardson, Columbus, Prince, by The Archer; 4, H. W. Cowie, Markham, Tom, by Harmony; 5, J. W. Cowie, Markham, Grasmere Jessie, by Pedestrian; 6, Eastwood Bros., New Toronto, Gipsy of Guelph, by Grandeur (imp.); 7, David Howard, Amber, Nellie Balmanno, by Balmanno (imp.).

Heavy-draft team, in harness, geldings or mares, to be sired by registered Clydesdale or Shire.—1, Smith & Richardson, Columbus, Ont., Prince, by The Archer, and Paddy, by Lord Lieutenant; 2, Dominion Transport Co., Toronto, Charlie, by Royal Huntley, and Sir William.

by Golden Victor; 3, Jos. Russell, Toronto, Bob, by Granite, and Gamey, by Sir Arthur; 4, J. W. Cowie, Markham, Tom, by Harmony, and Grasmere Jessie, by Pedestrian.

ARTIFICIAL FERTILIZERS.

Editor "The Farmer's Advocate":

I deeply regret that absence from home and oversight has, until the present moment, prevented me from perusing the critical article from Mr. John Campbell, in your issue of January 16th. I regret this the more since it looks as if I could not defend my position, allowing silence to give consent to Mr. Campbell's arguments.

First, I never was, am not, and never will be a fertilizer agent. More than that, I am fully in accord with Mr. Campbell that the indiscriminate and ignorant use of commercial fertilizers is being a curse to our farmers. Of their intelligent use I shall write later, but let me say right here that, as I am increasing my manure pile, I am gradually decreasing my fertilizer bill.

Mr. Campbell feels injured over the arbitrary value I fixed on turnips and mangels. Now, any value could have been fixed for the purposes of the experiment, and any intelligent reader could readily see that the only reason for affixing values at all was for purposes of comparison, to show a comparative profit, not an absolute one; but I want to tell Mr. Campbell that I can sell all the turnips I can raise on the markets of St. John and Halifax at 25 cents per bushel. Also, although mangels are not salable on the city market, I can give an instance of a farmer with brood sows who paid 15 cents per bushel for 100 bushels of mangels. In giving these values, I considered I was giving very moderate value.

It's a wonder that Mr. C. did not question the yield. If there is any doubt in his mind about that, I can give ample evidence from those who saw the crop weighed and housed.

I hope Mr. C. and any other of your readers will not think I am advocating the use of artificial fertilizers. I conducted the experiment and gave the facts, and was neither favored nor paid by the Potash Syndicate to give a fictitiously favorable result.

R.J.MESSENGER.

FRUIT EXPERIMENTATION IN ONTARIO.

The new Advisory Board of the Fruit Experiment Stations, recently appointed by the Minister of Agriculture for Ontario, met in the office of the secretary, Mr. P. W. Hodgetts, Parliament Buildings, on Wednesday, Feb. 26th. The full board was present, consisting of Mr. G. C. Creelmann, President, O. A. C., Guelph, as chairman; Mr. E. D. Smith, Winona; H. Jones, Maitland; J. L. Hilborn, Leamington; W. T. Macoun, C. E. F., Ottawa; H. S. Peart, Supt. Jordan Harbor Farm; P. W. Hodgetts, Toronto.

The Board considered the question of the future of the present sub-stations, of which there are now eleven scattered throughout the Province. Last year the strawberry station was discontinued, owing to the fact that the experimenter, Mr. Stevenson, was now living in Guelph, where the Government has already carried on extensive experiments at the College. It was also decided to discontinue the plum station formerly carried on at Clarksburg, as no report of value, from various causes, had been received on this fruit for the past two years. The other stations will be carefully inspected the coming season, and a full report made to the Board at the close of the year as to the value of these stations to the districts in which they are located.

In reference to the new farm at Jordan Harbor, it was decided to carry on extensive planting there this coming spring. Planting will be arranged so that cultural experiments can be carried on over a long term

of years. In apples, one block of trees will be tried, with standard varieties on Doucin stock. This will be a semi-dwarf tree, on which it is hoped to be able to fight the San Jose scale with some degree of success. Then, for the northern sections, it is intended to try the following stock for top-grafting, namely, Mann, Tolman, Hibernial, Baxter, Haas, Ben Davis, Pewaukee and Duchess. For the purpose of testing low vs. high heads, another block of the standard varieties will be set out. In addition to these, all of the prominent new varieties will, of course, be tested, among which will be a number of the hybrids which have been originated by Mr. Macoun at the Experimental Farm, at Ottawa. In one of the blocks, it is proposed to test the value as fillers of such varieties as Milwaukee, Wealthy and Duchess.

Then, in grapes, all of the methods of training will be tried on a fairly large scale with six or more of the standard varieties. In peaches, it is intended to try the value of this fruit on different plum stocks, with the idea of getting something that will stand the frosts of some of the more northerly sections of the Province. Cover crops will, of course, also be tested on a large scale for this fruit. Then, pears, one of the particular tests will be in reference to the question of suppressing blight on such good varieties as Clapp and Bartlett. The use of sod at different ages will form the principal method here. Dwarf and standard trees will also be compared for commercial purposes with some varieties. In all of the fruits, new varieties of promise will be planted. Fall vs. spring planting will be tested in peaches, pears and plums. In the latter fruit, also, experiments will be made in reference to the suppression of rot among the varieties most troubled with this fungus.

Small fruits and vegetables will not be forgotten, and it is expected that a great many experiments will be started with both. Altogether, the prospects are for a very bright future for the work of this station, and its value to the Province as a whole cannot be estimated.

CLYDESDALE ASSOCIATION GRANTS.

The Executive of the Clydesdale Horse Association of Canada met in Toronto on Feb. 28th, and arranged grants to a number of the leading exhibitors, as follows: To Winnipeg Industrial, \$175, of which \$100 will be a championship for the best stallion, and \$75 a championship for the best mare. Brandon is given \$100 for championship prizes. The Dominion Exhibition, at Calgary, four \$50 gold medals, one for the best stallion and one for the best mare in both open and Canadian-bred classes. One hundred dollars will go to the Spring Horse Show at Regina. Victoria and New Westminster Exhibitions get \$50 each, and \$100 will be given for Clydesdales in harness at the Canadian Horse Show in Toronto, this grant probably taking the form of a \$60 medal for the best team of mares or geldings in harness, and \$40 for the best single. A grant of \$25 to the Open-air Horse Parade in Toronto concludes the list as announced.

The annual meeting of the Ontario Vegetable-growers' Association was held at the Parliament Buildings, Toronto, last week, and a deputation waited on Hon. Mr. Monteth, Minister of Agriculture, asking that representatives of the Association be placed on the Board of the Jordan Experimental Station. The deputation also asked for an increased grant. The officers elected were: President, R. H. Lewis, Hamilton; Vice-Presidents, T. Delworth, Weston; T. A. Farquharson, Ottawa; Secretary-Treasurer, J. Lockie Wilson, Toronto. Directors: W. A. Emory, Aldershot; R. J. Bushell, Williamsville; F. F. Reeves, Humber Bay; J. G. Brown, Humber Bay; C. Aymer, Humber Bay; E. K. Purdy, Cataraqui; James Dandridge, Mimico; H. Broughton, Sarnia; W. W. Weaver, Chatham; E. W. Dillon, Ojibwa. Executive Committee: F. F. Reeves, R. H. Lewis, Thomas Delworth, and J. Lockie Wilson.

QUESTIONS AND ANSWERS.

1st.—Questions asked by bona-fide subscribers to "The Farmer's Advocate" are answered in this department free.
2nd.—Questions should be clearly stated and plainly written, on one side of the paper only, and must be accompanied by the full name and address of the writer.
3rd.—In veterinary questions, the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.
4th.—When a reply by mail is required to urgent veterinary or legal enquiries, \$1 must be enclosed.

Miscellaneous.

PACKING HATCHING EGGS FOR SHIPPING.

Kindly tell me, through your paper, the best way to pack single settings of duck eggs for shipping by express, also where the necessary packages may be procured?

K. C.

Ans.—I have been using A. J. Morgan's egg boxes for a long time. I shipped eggs all over the States, as far as California, Mexico, Kansas and Utah. They were all satisfactory. There is no other egg basket that I can recommend as well as the above. Made in London, Ont.

After eggs are received, they should not be set for twenty-four hours.

WM. McNEIL.

FILLING GAPS IN HEDGE—ADVERTISING FOR LIFE PARTNER.

1. Could vacant spots in a honey-locust hedge be filled in by sprouts from a healthy stalk, or how could it be done?
2. What is the name and address of the paper or journal published in the States in which one can advertise for a husband or wife?
3. Is there any paper in Canada that would receive such advertisements?

A. W. S.

Ans.—1. The best way to fill gaps in a hedge is to plant in new plants, and encourage their growth as much as possible by cultivation or application of well-rotted manure or mulch. The greatest difficulty in filling in gaps of this kind is that the older adjoining plants, if the roots fill all the gap, take all the moisture and plant food away from the newly-set plants. This, however, can be partially overcome by good cultivation and the use of manure or mulch, as above stated.
2 and 3. I am afraid I cannot help you

out in your matrimonial difficulties. I know of no publications in the States that publish such advertisements, but I have noticed lately that a movement is on foot to suppress all such matrimonial agencies, as they are considered one of the chief feeders for the divorce courts. I am glad to say that I know of no paper in Canada that receives such advertisements. The best advertisement a man can make in such a case is to show that he is worthy of a good wife, and I feel assured he will have no difficulty in finding her.

H. L. HUTT.

O. A. C.

VARIETIES OF PLUMS.

Can you give me the names of the six best European plums—two blue, two green, two yellow? Also, two varieties of Japanese plums? Best for home use and market. Name the hardest kinds, those that will stand the winter when the mercury drops to twenty below zero.

G. H. N.

Ans.—For your section, I would recommend the following as a few of the best European plums to cover the season of the various colors mentioned: Blue, Shipper's Pride and Gueij; red, Brad-

shaw and Lombard; green, Green Gage and Reine Claude; yellow, Imperial Gage and Washington. Of the Japanese varieties, the best, covering the season from early to late, are: Red, June and Burbank and Satsuma. One of the hardest of all the European plums is Glass Seedling. Burbank has proved to be one of the hardest of the Japanese varieties.

H. L. HUTT.

O. A. C.

"I believe," declared the Irishman, "that me youngest son's born t' be a surgeon."

"Phat leads ye t' say thot?" asked his friend.

"Oi caught him usin' th' scissors on a book Oi'd lately bought an' before Oi c'd stop him he cut out th' appendix."

Cyrus (entering a sixteenth-floor office of the Syndicate building, perspiring and panting).—By gum, them stairs must be sev'ral miles long!

Occupant of Office.—Why didn't you come up in one of the elevators there?

Cyrus.—Not much! I jes' see one of 'em full o' people fall down that hole there.