DECEMBER 21, 1905.

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THE FARMER'S ADVOCATE.

QUESTIONS AND ANSWERS. Miscellaneous.

Trumans' Pioneer Stud Farm Bushnell, Illinois,

Include in their exhibit at the International Show, Dec. 16th, the largest and best selection of Shire Stallions ever exhibited by one firm in the United States. Also a select lot of high-stepping **Hackney** and weighty Percheron Stallions, strictly high-class and for sale. Each one a show horse and fit to head the best stud of pure-bred mares in the United States. Don't fail to see them and make yourself acquainted with the Trumans, who have been in the business 28 years, and won 75% of the prizes on imported Shire Stallions and Mares at the past four Internationals.

Importations July 11, Sept. 12 and Nov. 10 this year.

BRANCHES: LONDON, ONTARIO, and MOSCOW, IDAHO.

TRUMANS' PIONEER STUD FARM Bushnell, Illinois.



25 Percherons, also French Coachers, Hackney and Clyde Stallions

Lo I GIUIGIUIS, GIOU IIGIUI UUGUIGIS, HAUNIEJ AUU UJUG SIAIIIUIS Have just arrived, Aug. 16, 1905, from Great Britain and France with our new importation of high-class stallions, many of them prizewinners in their native lands, bred by the best breeders. The Percherons are large blocky fellows, 3 to 5 years old, descendants of such noted champions as Brilliant, Besique and Romulus. Blacks and dark dapple greys, weighing from selected every horse ourselves, using extraordinary caution to select nothing but good sound serviceable horses that will do our customers and the country good. The French Coachers, Hackneys and Clydes are also of the best breeding, some of them prizewinners in England, Ire-land and Paris. We will sell you a better stallion for less money than any other importers in America, with a guarantee as good as gold. Intending purchasers should visit our stables before buying elsewhere. Inspect our stock and get our prices. Terms made to suit purchasers. Hamilton & Hawthorne, Simooe. Ont. 52 miles S.W. of Toronto, on G.T.R. & Wabash

Hamilton & Hawthorne, Simcoe, Ont. 82 miles S.W. of Toronto, on G.T.R. & Wabash



TURNIP MEASURE. 1. Would you please give the cubical

contents of 60 lbs. of turnips? 2. If the same bulk that makes 100 bushels of grain does not constitute 100 bushels of turnips by weight, why is the weight not suited to the measure as is the case with other commodities? AUCTIONEER.

Ans.-1. We could only do so approximately; probably about one-quarter more than 60 lbs. of wheat.

2. Turnips are measured by the heaped bushel, wheat by the level stroke.

CEMENT-CONCRETE VENEER.

1. Would you give directions through the "Farmer's Advocate" how to veneer a house with concrete? How many square feet 4 inches thick will a barrel of Portland cement do?

2. Would it be better to have the wall grooved, in imitation of stone, or would it do to paint stripes on it?

3. Could small stones be used, and if they were placed one inch from the outside of wall, would it make any difference if they touched the sheeting of house?

4. Can side walls of house be finished to the top, as the eave extends down about eighteen inches ?

5. How much material would be required for three thousand square feet of surface, four inches thick ?

6. What is the proper proportion of cement and gravel?

7. Is there any difference in the proportion of cement and gravel used in vencering, and in building a foundation? 8. Is ten inches thick enough for a J. M. kitchen foundation ? Renfrew Co.

Ans.-1. From 60 to 80 square feet, according to the strength of the mixture. 2. It would look better grooved.

3. Certainly, and they might without harm touch the sheeting.

4. It might be necessary to finish the top with the trowel.

5. About 40 cubic yards of gravel and 40 to 50 barrels of cement.

6 and 7. The proportion varies according to fineness of gravel or sand. For fine surface work, one part of cement to two of sand is used, while for walls, if gravel is coarse, one to twelve is thought by some sufficient.

T. B. 8. Quite thick enough.

CEMENT BLOCKS.

1. Have any "Farmer's Advocate" readers had experience with hollow cement blocks as a basement for a barn?

2. How are they giving satisfaction? 3. Which is the best wall, cement blocks or stone or concrete, for a base-

ment for a barn ? 4. How many cubic yards of gravel and how many barrels of cement would it take to make 1,000 blocks 9 in. high, 10 in. thick, and 20 in. long? 5. Would a 10-inch wall be thick enough for a basement for a barn 40 ft. by 70 ft. ? 6. Which would be the best kind of gravel to use, coarse gravel and sand in it, or nice fine gravel?



A Safe, Speedy, and Partitive Carlo The safest, Best BLISTER ever used. Takes the place of all linaments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle, SUPERSEDES ALL CAUTERY OR FIRING. Maposcille's produce scar or blemish Every bottle sold is warranted to give satisfaction Price \$1.50 per bottle, Bold by druggists, or sent by express, charges paid, with full directions for its use. Bend for descriptive circulars. The Lawrence-Williams Co., Toronto, Ont.

Shire Horses

We breed the very best and soundest, which from birth are kept in their nat-ural condition, neither forcing ural condition, neither forcing nor overfeeding for showing pur-



No fancy prices, and all delivered free Liverpool anding stage. Correspondence invited.

Station: Althorp Park, L. & N.-W. Ry.

JOHN CHAMBERS & SONS, Holdenby, Northampton, England





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For fuller description and prices write: T. H. Hassard, Millbrook, Ont.

J. B. HOGATE'S Shires, Clydes, Percherons, Hackneys and Spanish Jacks.

ADVERTISE IN THE ADVOCATE.

My latest importation includes 45 head of Shire stallions and fillies, Clyde stallions and fillies, Hackney and Percheron stallions and Spanish jacks, many of them prizewinners in England, Scotland and France. This is a gilt-edged lot and the best we ever imported, combining size and quality.

Stables at WESTON, ONT. Telephone connection.

J. B. HOGATE, Proprietor. om

Clydesdales and Hackneys

DALGETY BROS., Dundee, Scotland, and London, Ont., have on hand just now at their stables, London, Ont., a choice selection of above, including several prizewinners in this country and Scotland. All combining size and quality. Come and see them.

JAMES DALGETY, Giencoe, Ont.

7. And in what proportion should cement and gravel be for the hollow cement blocks ?

8. Which is the best kind of cement to SUBSCRIBER. use ?

Wentworth Co.

Ans.-1, 2 and 3. We know of barn foundations built the past summer of cement blocks, and there is no question that they make a fine-looking and warm wall. One farmer, whose barn, unfortunately, was burned shortly after completion, found that every block in foundation wall had been cracked by heat, and on rebuilding put up a solid concrete wall one foot thick. He found that it cost very little more than half what the first wall had done, all the labor except hauling gravel being paid for in both cases. 4 and 7. If mixed in the proportion of one of Portland cement to six of gravel. which is about right, about 35 cubic yards of gravel and 50 barrels of cement would be required.

5. It would do, though a little thicker would be better.

6. Sifted gravel, with nothing larger than a grain of wheat, is what is used. 8. In cement, as in most articles, the best is the most economical. T. B.

Cor. Simoos and Nelson Sts., Toronte Auction Sales of buyer or se each week. 0

Horses, Carriages, Buggles, Harness, etc., every Tuesday and Friday, at 11 o'clock. Special Sales of Thoroughbred Stock conducted. Consignments solicited. Correspondence will receive prompt attention. This is the best market in Canada for either uyer or seller. Nearly two hundred horses sold Shire, Percheron, Clyde, Belgian, Standard-bred and Coach Horses, also SPANISH-BRED JACKS, for Sale. Specialty made of forming om**panies**, if desired.

W. R. GRAHAM, Box 38, Kineardine, Ont.

WATCH FOR MR. THOS. MERCER'S new importation of **Glydesdales**, Shires and Hackneys, on his return in January from Scot-hand Address.

THOS. MERCER, Markdale, Ont.

