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The Continental Natural Gas Alcohol Co.

See Harper's Weekly, Oct. 3, 1908

WHEELING, W. VA., U. S. A.

TO SAY THAT YOU SAW THE ADVERTISEMENT IN THE FARMER'S ADVOCATE IS BUSINESSLIKE.

nett & McKirdy, of Napinka, Man., write us as follows concerning their trade:

"We have lately made the following sales of Clydesdales: To Mr. Albert Grose, of Elm Valley, Man., the two imported Clydesdale fillies, Royal Maiden (28820), and the two-year-old Peach Bloom (20821). These are two exceptionally good fillies with the best of breeding, and should do well in the hands of Mr. Grose, who is starting a Clydesdale stud. To Mr. R. E. Foster, of Lyleton, Man., goes the good two-year-old stallion, British Cheer (14473), sired by Revelanta (11869). This is a good colt, stands 16 hands 3, with the best of feet and legs and good action, and is sired by one of the best breeding horses in Scotland. To Mr. Foster also goes the brown filly, Star Princess (20823). This is a filly of great scale and the best of breeding, being sired by the good breeding horse, Baron Mitchell (10688), dam by Prince Romeo (8144), grandam Fickle Fortune Princess (13201), by Cedric (1087)." It will be good news to learn that

business is moving with the Clydesdale dealers.

It was only to be expected that A. & G. Mutch, of Craigie Mains, Lumsden, Sask., would not be long in making sales from their choice collection of Clydesdales. Almost before their advertisements and catalogs were out, they reported the following sales: To J. B. Thompson, of Hamiota, Man., the splendid Sir Hugo colt, Sir John [8576]. This colt is a well-bred one, also a good individual, and in Thompson's hands will no doubt be seen at exhibitions as well as being a boon to his district. A regular customer, James Hanson, of Cardston, has just taken his fourth selection from Craigie Mains in two years. In this lot are included the full brother to the great show and stock horse, Baron's Gem—Baron of Cromer, three years old in the spring. Another is Baron's Craigie [7104], a five-year-old, by Baron o' Buchlyvie, the third best breeding horse in Scotland. Still another is the three-year-old, Brandon [8571], sire Moncrief Marquis, dam by Baron's Pride, and grandam by Prince Romeo. Brandon is a colt that should "make good," as he has the breeding and strong individuality behind him. With the bunch the Mutchs have to offer we may expect to hear of numerous sales in the near future.

DESTRUCTION OF CONCRETE BY ALKALI

Cement has been found so generally serviceable and beset with so few disadvantages that its use is generally recommended without any reservation, and this confidence has been fully justified with but few exceptions.

Dr. W. P. Headden, chemist of the Colorado Experiment station, has found serious injury to cement tiles from alkali. He reports as follows:

"There were sent to me, some months ago, a number of fragments of tiling which had been laid but from eight to nine months. They had been disintegrated to such an extent that one of the samples was simply a white, putty-like mass mixed with sand. There was nothing about this sample remotely suggestive of concrete. Another of the samples consisted of a fragment of the tile, the interior portions of which had been wholly decomposed, while there still remained an outer and inner portion in good condition, or comparatively so. Another sample had been attacked on the inner side, leaving a mass on the outside of the zone of decomposition apparently sound. The line of decomposition was sharply limited and showed distinctly, but even in this case there remained a thin layer of cement on the inside.

"I do not know whether the tiles were running full of water or not; probably not, as the fragments seem to be parts of sixteen or eighteen-inch tile. The importance of this point is simply this, that it would answer any question in regard to the separation of solid alkali salts in that portion of the tile above the water line. That such a separation of these salts should take place does not seem very probable in this case.

"The point of attack, so far as the samples at my disposal indicate, is either in the center of the cement mass or near the inner surface. In either case we are almost compelled to assume the action of the water, i. e., of the salts held in solution. At the same time we see the resisting power of the outside and inside surfaces, which are evidently richer in cement than the inner portion of the mass of the tile."

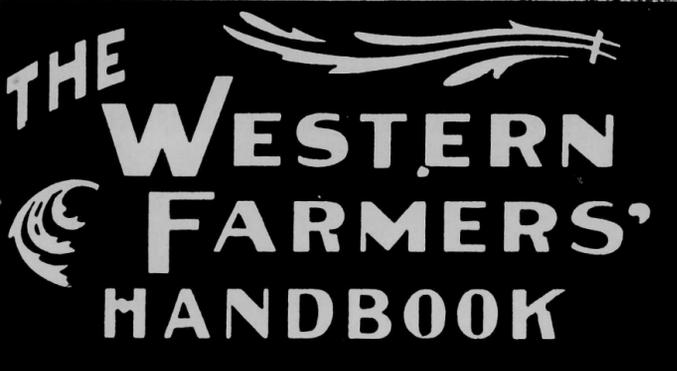
Dr. Headden made a chemical examination of the changes that had occurred in the damaged tiles, and reports his findings in Bulletin No. 132, "Destruction of Concrete by Alkali."

The information is important, as concrete bridges, culverts, foundations, etc., are being erected in places where they will be subjected to the deteriorating action of alkali.

HOUSEHOLD, LEGAL AND VETERINARY INFORMATION



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