horseback! Every one was on wheels; preferably in a four-wheel buggy, in which awkward-turning carriage, many men actually drove themselves round their farms—and not old men either.

Breeders complain that the officers charged with the duty of buying horses for the re-mounts of the cavalry are very difficult to please here. Do not people know that the shoulder of a draughthorse and the shoulder of a riding horse are two very different things as regards position? The one should be sloping, the other upright.

One of the most lamentable sights we know, is to see the "Marshals" of any procession in Montreal on horseback: plenty of swagger, but the seat most insecure, and the hands up to the mouth at the slightest unusual movement of the unhappy horse, who, having probably been drawing a cab for the previous three or four years, does not know himself in his new position, and has not the least idea what his utterly untrained rider wants him to do.

Pease.—There will probably be a good many scres sown to pease this spring. The common practice here is to sown them broadcast, and harrow them in. This is not the best plan; plough them in with a shallow furrow of 31 or 4 inches in depth, having previously well-harrowed the land: such crops will not do well unless the land is well cultivated before rowing, for except a light barrowing when the pease or beans are up, no subsequent cultivation can be given. If any one would try to sow pease or beans in drills 24 inches apart, and horse-and hand-hoe them during the summer till the plants "shake hands" across the rows, they would find a great difference in the yield after harvest. Of the small white-pea grown here, 2 bushels to the arpent would probably be enough. In England, the seedsmen, who contract with farmers to grow seed for them, insist upon 3 bushels being sown, at 3 feet apart, to the imperial acre; of course, the pea grown there for garden purposes is much larger than our field-pea.

Basic-slag.—The price quoted, in a circular just sent to us, for "Thomas's phosphate" is \$25.00 a ton of 2,000 lbs., and no guarantee of fineness of grinding or percentage of phosphoric acid is given. This price is equal to \$28.00 a gross ton. Now let us see what the price is in England.

In the Agricultural Gazette of February 12th, we find the following quotations:

Basic slag, prime quality, guaranteed 30 to 35 per cent. phos., in bags, £1 11s. 6d. to £1 13s. per ton, at the producing depots; ditto, ditto, guaranteed 35 to 40 per cent. phos, in bags, £1 14s. 6d. to £1 15s. 6d. per ton at the producing depots; basic slag, finest quality, guaranteed 38 to 45 per cent. phos., £1 16s. 6d. to £1 17s. 6d. per ton, at the producing depots.—H. Jones, Langar, & Co., Brokers.

Now, the highest price quoted for basic-slag containing 38 to 45 per cent of phosphate (38 per cent of phosphate is equal to about 17½ per cent of phosphoric acid) is £1 17s. 6d. a ton of 2,240 lbs., which is, in our currency, \$8.26, which being deducted from the price charged in the circular mentioned above, leaves a balance of \$19.74 to pay for freight, insurance, profit, etc., etc.

The following report of a Committee of the R. A. Soc. of England will be found worthy of attention; cannot we in this country, manage to get up a central society that will take the same pains to keep matters a little more fair as regards the price, purity, etc., of artificial manures and cattle-foods?

Quality of basic-slag.—At the meeting of the Council of the Royal Agricultural Society on Wednesday the Chemical and Woburn Committee presented the following special report as to the inferiority, both in regard to quality and fineness of grinding, of much of the Basic Slag now being delivered to purchasers:

Inferiority of Basic Slag.

A .- DEFICIENT IN QUALITY ALONE.

Sample 1. Sample 2. Sample 3.

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**Phosphate of lime guaranteed 45 to 47 39 to 45 38 to 45

**Ditto found by analysis 36.42 38.62 32.53

B.—DEFICIENT IN FINENESS OF GRINDING ALONE.

Sample 4 Sample 5 Sam 6 Sam 7 % % % % % % % Fineness guaranteed 90 80 to 90 90 80 Tineness found... 65 4 73 6 79 71 4

C .- DEFICIENT IN BOTH QUALITY AND FINENESS.

8. 9. 10. 11. 12. 13. ·14. 15.