

### Exercise and Good Horses.

The Arabs, who, as a people, raise horses of the best quality (the cleanest, hardest bone, and with the largest proportion of muscle), have a saying that "rest and fat are the greatest enemies of the horse." There is also a natural law of atrophy, or withering up, which acts on any organ or system of the body that is not kept in constant use. The horse is essentially an animal of activities. We value him in proportion to the development of his powers of speed or draft. With winter necessitating stall feeding, comes the dangerous period of the horse's (especially the young horse's) life, for it is then that feed and exercise are most out of balance. With a feeling of kindness, or for reasons of convenience, many of our colts are kept in comfortable quarters, and well fed from one week to another, without more than an hour or two for exercise in the open air each day. This condition is not conducive to the best development of horseflesh. A rule laid down by Prof. Henry, who made a life study of methods of feeding all classes of stock, is that a mature horse should be in the open air not less than four or five hours a day, and should travel from ten to fifteen miles daily to maintain health; and a well-fed colt should be out of doors from eight to ten hours a day, and should move several miles, either in a yard or on a track. No one questions the soundness of such teaching, but many, from neglect or other reasons, omit to act upon such knowledge. One generation of horses may not show ill effects from "too kindly" treatment, but in years to come flabbiness of muscle, softness of bone, weakness of feet, and a generally impaired constitution will be the price of laxity in the matter of giving healthful exercise, not neglecting good food, to young horses or to other breeding stock.

### Rawlinson Bros.' Hackneys.

Eleven miles north-west of Calgary, on the north side of the Bow river, is located the large Hackney ranch owned by Rawlinson Bros. Here over 250 Hackneys of the best breeding and most desirable conformation can be seen by any interested visitor. Many noted prizewinners made their home here, among them being Robin Adair, famous as the champion of the breed in America, through winning the highest possible honors at the New York show in 1901. Saxon, the sweep-stake winner at Toronto last spring, and at the Chicago International last month, was bred on this ranch, and among the present fillies are two full sisters of his, also many others of equal merit.

Commodore, a brown horse of great substance and symmetry, is now being mated to Robin Adair mares. His partner in stud service is Black Doctor, sire Master Dart, dam Black Duchess, a Fireaway bred mare, and a noted prizewinner, out of the Crompton strain of Hackneys. As Black Doctor is a stylish, up-standing horse, of good size, with exceptionally high and snappy action, and a perfect outeross, it will be readily understood how valuable he is where such a large collection of mares are kept for breeding purposes. The young suckers are almost a perfect lot, and well do they show their select breeding. The mares and fillies have abundance of size, grand action, and lots of quality.

Rawlinson Bros.' oat crop this year was a heavy one, not only in yield per acre, but also in weight per bushel. A measured bushel, dipped at random out of the bin just as the oats were left by the threshing machine (and they were by no means clean), weighed 43 pounds. Victoria Prize is the name of the oat. Oats on the Rawlinson ranch are only grown for home consumption.

### A Good Stallion for Ontario.

At a large sale of trotting horses, held in New York recently, Jos. Wetherill, Galt, Ont., purchased the stallion Oro Wilkes 2.11, by Sable Wilkes 2.18, dam Ellen Mayhew 2.22, by Director. Concerning this sale the American Horseman says:

"The sale of Oro Wilkes 2.11, to a Canadian breeder, again directs attention to the steady headway the trotter is making in the breeding circles of that country. A score of years ago the breeders of Canada who were interested in the trotter were an exceedingly small number as compared with those who were breeding Thoroughbreds. Since then, year by year, the trotter has assumed more importance, until now Canada boasts of some trotting-horse breeding establishments that compare favorably with the best breeding establishments of this country, and each season Canada sends into the Grand Circuit some trotters and pacers that are able to hold their own in the company they meet. The addition of Oro Wilkes to the list of Canadian sires will certainly have more than a passing effect on the breeding interests of that country."

Four thousand and fifty dollars was the price paid for this trotting stallion.

## Stock.

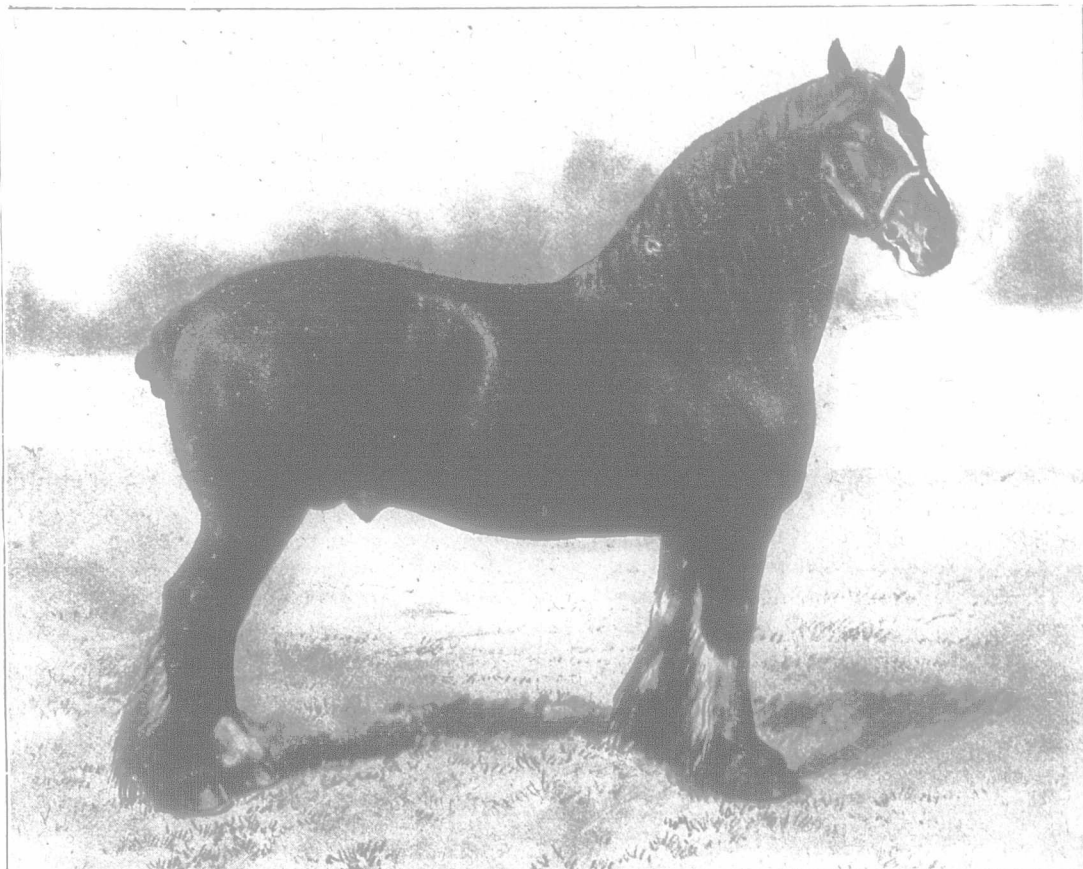
### Present Range Conditions.

The abundance of rain during the past summer was conducive to a more generous crop of pasture on the range than is common, and this, as is generally the case when such conditions prevail, was helpful in quantity at the expense of quality, at the time when such is most needed. Experienced ranchers know full well that a fair

whatever herds and flocks in healthful condition have free access to a good-sized range.

After the green, succulent pasture of spring and summer, the bullocks, which are nearing the time when their usefulness is to be put to the crucial test of the block, require a sort of "tightening up" ration, something that will firm their flesh, such as a good grain ration. Under average range conditions the naturally-cured fodder of the prairie makes a splendid substitute for the grain feeding of districts, where a more intensified mode of farming is the rule.

Last season, as stated, the grass was soft,



Shire Stallion, Moulton Ben (19857).

Imported Shire stallion, 4 years old. Height, 16½ hands. Weight, 1,980 pounds. Imported by Geo. E. Brown, Aurora, Ill., and Brandon, Man. Now owned by a Morden, Man., syndicate. (See Go-sip, page 44.)

growth of well-cured grass is more conducive to increased weight than a greater abundance of partially-cured, sappy fodder. The prolonged wet spell of last summer kept the grass growing much later than usual, with the result that especially during the early shipping period, and to a certain extent even later, although feed had been abundant all summer, a much smaller percentage of finished export steers could be found in any bunch; this result being directly traceable to the unduly soft nature of the feed in the late summer and early fall.

After the grass has reached maturity, clear skies and a good scorching sun are excellent preparatory requisites for curing the green blades in such a manner that their nutritious and appetizing qualities are fittingly stored for the great purpose of giving vitality and additional flesh to

not sufficiently advanced to give the best results at the required time. However, the warm September sun had a splendid influence, with the result that conditions on the range, so far as feed is concerned, is above average this winter, except, of course, where the devastating prairie fires blackened the landscape.

A splendid plan is to plow the fire-guards on the road allowances, exercising due care the first time to start in the "center" and plow towards the middle; the following year repeat, and in this way, whenever it is decided to open up that road allowance, all that will be needed are bridges and culverts, the grading already being completed without in any way adding to the taxation of that locality. Where fire-guards are numerous the flames are confined to small areas, reducing the loss of winter pasture to a minimum.



A Round-up.

Master Wilbert Trotter, with his pony, Beauty, rounding up a bunch of Trotter & Trotter's horses, Brandon, Man.