Church of England; 310 to the Roman Catholic; 629 to the Prespyterian; 639 to the Methoder; 162 to the Baptist; 620 above three tors, and a horse taken promiseconisty from a tumber were reported simply as Protestants, and the remainder were cart was yoked to the train. He started from the Fox public divided among small denominations. Connected with the schools house, near Meerstham, and drew the namense chain of waggons, are 431 libraries, containing 59,877 volumes. The expense of the with apparent case, almost to Crogdon, a distance of six miles, in Normal school for the year was £3,657 11s. 2d. - Transcript.

thus: 8 times 8 are 61; then take one from the multiplier, and power was acquired, and after such stoppinge, he again drew off add it to the multiplied, the product well always fall short by one the chain of waggons with great case of the former product. Thus: 1 from 8 leaves 7: 1 added to 8. A gentleman, who had wagered of are 9; 7 times 9 are 63. And this rule appears to extend to all then desired, that four more loaded waggons should be added to numbers, large or small .- Journa' of Education.

Anriculture.

THE DRAUGHT HORSE.

It will readily be perceived that the qualifications, structure and movements of a draught horse, must necessarily differ esco. tially from those of a race-horse, and indeed from every other. And yet the draught horse, for some purpose or other, is more constantly in demand than all others, especially in our larger. cities and along all our canals and ratiroads. It is therefore of; the greatest importance that an improved bread of large draught, as well as dray norses, should be reared in our country.

To exhibit fully the requisites of a first rate draught horse, would require a more particular examination of the subject of! "draught," and of the "anatomy" of the horse, than would be a practicable at the present time. I will, therefore, barely remark, | that a "dray horse should have a broad breast and thick upright shoulders, (the more upright the collar stands the better.) a low forchead, deep and round barrel, loss broad and high, simple) quarters, thick fore arms and thighs short legs, round hoo s, broad at the heels, and soles not too flit."

The horse which can throw the greatest weight into the collar, with sufficient activity to do it effectually, and with hardshood in proportion, will doubtless constitute the hest draught horse. But these are qualities difficult to conhine. An approximation to this standard can only be obtained by a judicious selection in the outset, and then by crossing them by the best of such breeds as brige horses is their slowness, and in such cases it would be essent vegetable oysters are good. The last three and cabbage and large horses is their slowness, and in such cases it would be essen. tial to cross with the strongest, the largest and most compact blood turnips keep good in the ground through the winter, and are firsh hornes

Or if you have a mare with some blood, and with decided marks of strength and power, let her be covered by a uperior dray horse, and the result will probably be the animal you want. It is neces. give richness to the milk ; and this is the case with beets and sary that dray horses should be large as well as compact, that weight might be opposed to weight. Otherwise the immense weight might be opposed to weight. Considering there up a line, negative community, and improve a new quality to the loads they have often behind them, and the shaking and battering there is not optioned to the hour of cattle, and softness their burdens or injure themselves.

And this is the only advantage in size and weight, for doubtless much of its force must be expended in transporting its overgrown ! mass. In England they have crossed some of their best native breeds with the heavy flanders horse, and have the reby much im.] proved their draught. These heavy horses are bred in the highest perfection as to size, in the fens of Lincolnshire, and a few of them are less than seventeen hands at two and a half years.

Neither the soil nor the produce of the soil is better than in other countries; on the contrary, much of the lower part of Lincolumbire 's a cold, hungry clay. The true explanation of the matter is, that there are certain situations better suited than others to different kinds of farming, and to the breeding of different animals, and that not depending on richness of soil or passure The principal art of the farmer is, to find out what will best suit his soil and the produce of it.

Connected with the subject of draught horses on railroads, and I will just relate a fact, chowing the immense power gained by the use of rails. The Surrey iron railway being completed, a wager was laid by two gentlemen that a common horse could draw 36 tons for six miles along the road,-that he should draw this weight from a dead pull, as well as turn it round the occasional windings of the road. A numerous party of gentlemen as-

Twelve waggons loaded with stone, each wargen weighing one hour and fort cone minutes, which is nearly at the rate of four miles an hour. In the course of the journey he stopped four times Figures -If you multiply any given number by uself, say 8, to show that it was not by any advantage of descent that this

> A gentleman, who had wagered on the power of the horse the cavalcade, with which the same horse ret off again with unduminished pace. Still further to show the effect of the railway in facilitating motion, he directed the attending workmen, to the number of fifty, to mount on the waggons, and the horse proceeded without the least distress; and in truth, there appeared ito be scarcely any limitation to the power of his draught. After this trial the waggons were weighed, and it appeared the whole | weight was as follows :-

	tons	cwts.	qrs.
12 waggons first linked together,	38	4	2
1 waggons afterwards attach d,	17	5	0
Supposed weight of 50 laborers,	1	0	0
	55	· ———	 ,

-Canadian Agricultural Reader

FEEDING AND MANAGING WILCH COWS.

The grasses, particularly the clovers are the best summer food. When these begin to fail, the deficiency may be supplied by green orn, which is very sweet, and produces a large quantity of milk, excellent quality. The tops of beets, carrois, parsnips, and cabbage and turnip leaves, are good. Pumpkins, apples, and roots, may be given as the feed fuls. Give only a few at first, especially apples, and gradually increase.

Roots, are of great importance when cows are kept on dry fedand fine in the spring, before the grass starts.

Potatoes produce a great flow of milk, but it is not very rich. A little Indian meal is good with them, to keep up the flesh and most kinds of turnips, as they tend largely to milk. A little oil, meal or flaxsced is excellent, in addition to the Indian meal, to keep up a fine, healthy combinen, and import a nell quality to the and phancy to the skin.

In all cases of high feeding in winter, particularly when cows have but few roots, shorts or bran are excellent to promote digestion and keep the bowels open. Three pints each of oil and Indian ment, or two quarts of one and one quart of the other, is as high feed in there articles, as cows shou'd ever have. On Shorts. bran and roots, they may be fed liberally. Four quarts of Indian meal, in a long run, will dry up and spoil the best of cours, so that they will never recover

Carrots are among the very best roots for much cows, producing a good but not very great mess of rich milk, and keeping the cow in good healt's Parsups are nearly the same. Ruta-baga are rather rich, and keep up the condition, to prevent any unpleasant taste in the milk night, and morning, before feeding with turnipa. Cabbage turnips, (or turnip-rooted cabbago below-ground) has no such offect. It resembles ruta baga, is raised in the same way, and yields as much or more.

Some keep cows in the barn by night in the warm season. They are saved from storms, and more manure is saved. should be good ventilation in hot weather. Cows are much better for being kept in the barn nearly all the time in cold weather. To drink freely of cold water, and then stand half chilled to death, is highly injurious. But they should go out a little while sombled near Mecretham to witness this extraordinary triumph of daily in favorable weather, and be driven around sently, for exercise. Inaction is douth to all the unimal race.