

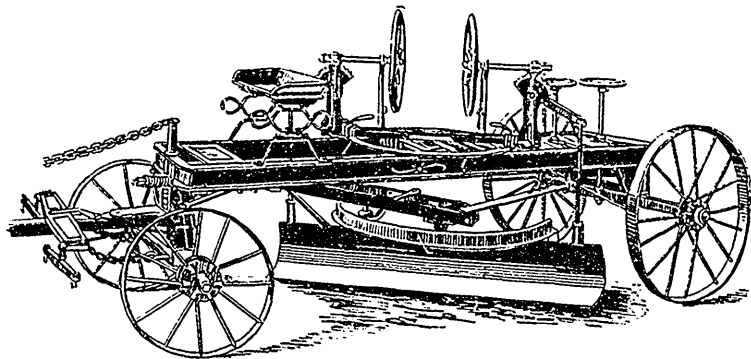
tunity, therefore, should be lost of gleaning information that will be helpful in the future.

The avenues through which the needed information may be obtained are numerous. They are more numerous now than they were years ago, when agricultural teaching through the colleges was rare. The channels through which such information may be obtained include the agricultural press, farm books, the agricultural college, and experience on the farm.

Feel assured, boys, that the agricultural papers are great educators. They are a great source of strength to the matured farmer who reads them carefully. How much more, then, will they prove a source of strength to the young lad of the farm who has yet to glean the greater portion of the knowledge which is to stand him in good stead when he takes up the great work of life in dead earnest. We say great work, for any work into which a

do go, don't be in too great a hurry to go while yet young. You will know better what you want when you get a little older. You will also have gained more experience on the farm, and such knowledge will prove helpful to you in enabling you to understand better the reasons for much of the scientific instruction which you will get at the college farm.

And give every diligence, boys, to gain knowledge from experience. Suppose you are feeding a family of young pigs, observe carefully how they feed; watch as to the growth which they make on different kinds of food; weigh them now and then, if you can, and notice at what ages they grow most rapidly for the food consumed. If they are not doing well, try to ascertain the reasons why. And give close attention to the study of all kinds of work that engage your attention. You may not be able to go to a college, but you can do these things, and, if you do, you



A Road Grader.

man puts the best part of his life should appear to him a great work, and so he should try to make it. Then read the agricultural papers carefully, boys, and store away what is good in them in the form of notes, or, what would be more readily available, in the mind, for future use.

And keep your eye on good books which treat of farm topics, so far as these can be obtained. But be sure that you read only good ones. We are moving so fast that what may have been good years ago may not be good now. Choose the best, therefore, when you take up the study of books, and, if you are in doubt as to which are the best, apply to some one who knows for further information. Time is too valuable to waste it in the study of old books, if they treat of obsolete methods.

And don't forget the agricultural college. Ontario has a good one. It can help you if you can only get time to attend. And, if you

will soon become much wiser than the average of those around you.

### Road Graders.

Roadmaking has received very much attention during recent years in nearly all parts of the continent, but it has not received too much attention. Any one who has seen western roads made by the use of the road grader must be convinced of the great value of this machine for making roads, and more especially among farmers who live in a level country. These roads are, in many instances, beautifully rounded. The side ditches are straight and clean cut. The water runs from the centre to the side by a grade that is gradual, and in no case violent. In the streets of western towns these machines are also used in the summer to cut out rubbish that may be growing along the sides, and to level the road up for the season.