We copy the following article from that farmers then, must first set the example, ford children of poor parents an opportunity of acexcellent paper the Albany Cultivator .-The propriety of having agricultural schools, in connection with model farms established in this Province, is clearly and local and general agricultural socieshown, by the apathy which is evinced or the part of the junior farmers, in adopting measures for the general improvement of the agriculture of the country. This indifference upon matters of so much real importance to themselves and the nation, can only be removed by improving the tastes and cultivating the minds of the rising generation. Agriculture being the chtef employment of the population of this country, it is only rational to infer that it should be the principal object of improvement by those who govern and are governed, by those who are in exalted statical in society and those who move in humble spheres, and especially by those who are directly engaged in the culture of the soil. It is through the establishment of agricultural societies, such as we have frequently pointed out to the Canadian farmers, that the moving power to the several other associations requisite to secure the greatest possible amount of prosperity to the farmer and the country is to be given; and until only by establishing agricultural schools and colthe patriotism and intelligence of the people have been directed to this true channel of real greatness, we need searcely the civilized world. Our duty now manifestly is, for planting, or for spreading manure, care is tahope that other and higher measures will be taken to advance the prosperity of portions. The causes of the difficulties changes agriculture. may be solved, simply by the negative or perience to avoid their tate. positive answer to the question-Canapositive answer to the question—Cana- continued and flourishing existence of schools, lian farmers, will you aid in this great which are widely illuminating the toil of the cul-work of agricultural interesting. work of agricultural improvement! II the former be given, then it will follow as mons. They may be most conveniently treated months of the former be most conveniently treated months and the former will under two heads. These which, to an academical a matter of course, that the country will remain as it is at present, at least twenty years behind the age in general improvement. If the latter be colored throughout the length and breadth of the land, then may we hope to see the country rise, and agriculture take the stand which legitimately belongs to her. No true friend of his country can remam neutral or indifferent to the success of such institutions as are calculated to develope the latent genius of the country; and probably no class of associations could be devised, that the student's labour becomes his own, and is gencould be made so available to the practical farmer, as agricultural schools and model farms-and these can only be successfully established in countries where the people are aroused to the importance of the advantages that would accrue from a general spread of practical and scientifir knowledge of agricultural topics. The those authornes we have neely quoted

by laying the corner stone to this great structure, which will be found to consist ing processes in supporting agricultural publications ties : and when the government is apprised that they require aid, it will no doubt be ber as the first became subject to the admirable aberally granted them to any reasonable daum, has successfully established an institution amount. Nothing could be more congemal to our feelings than to see institutions springing up throughout the length and breadth of the land, such as are mentioned in the following communication; and labour to repay the expense of their maintenance every thing shall be done in our power to convince the Canadian agi lation, that it is as necessary that they should have institutions established adapt-I to their calling and circumstances, for the proper education of their youth, as it is that colleges and universities should be established and chartered for the educa. tion of students for the learned professions, as they are termed.

AGRICULTURAL INSTITUTIONS

BY ALFRED L. KENNEDY

That the ignorance of true theories and improved processes of agriculture which prevails in most sections of our country, can be radically removed leges, is a proposition that receives the universal assent of intelligent men. The question on the necessity of these insultations is settled throughout to adopt the best plan, and then to put it in exe-cution forthwith. This duty is of no mean proand failures of like projects, must be well studied ! The whole problem then ore we can expect to profit sufficiently by their experience to avoid their fate. That these difficul-ties are not invariably fatal, is evidenced in the particulars of the most pronument of these instituunder two heads. course, unite the theory and practice of agriculture, and those which teach agriculture only.

The Schools of the first class, are based upon the institution at Hofwyl, in Switzerland, under the direction of its noole founder, the philanthropic most striking manner to lead the pupil to the M de Fellenberg * It consists of three schools, interes and influence of the number of interary, agricultural and intermediate In addıtion, lectures to teachers are annually given. The literary school commenced by the introduction of ation, first in reference to colour, hardness and three children into the many of the first building was erected for it. In a few years the number of professors gradually interest to 90 and the purals to 80. The studies three children into the family of the principal. In In a comprise, in addition to those t right in our colbiges, music, dancing, fencing, and cabinet-making. The latter gives facility in the use of tools, menes habus of industry, and as the product of erally s nt home as a present, nearness of execution and filial affection are encouraged

The object of the Agricultural School is to af-

quiring an excellent education, while they gain a practical familiarity with the most improved farm-This was commenced in 1808, under the most unfavourable auspices. The children were of the worst possible descriptionbrought up in idleness, they were herally taken from the hedges and highways. Yet by receiving a few at the onset and slowly increasing the numwhose benefits have excited the admiration of the friends of education every where.

"The pupils are admitted at an early age, there being, however, no fixed limits, and are expected to remain until 21, if supported gratuitously. By so doing, they would be enabled by their manual and education, so as to leave the institution without pecuniary obligation. They would besides bo detained beyond what is considered the most critical age. In practice, however, it is found difficuit to induce this lengthened stay, the actual expediency of which must depend so much upon individual circumstances In addition to the gratutious pupils, others are taken, who pay in past or entirely for their education. In summer, the time occupied in labor is from eight to twelve hours per day, and in instruction from two to four hours. In winter, the amount of labor is less, and ofstudy more During the time of harvest and hay-making, the instruction is omitted altogether."

In winter, the hours not devoted to the care of cattle, threshing, and other farm labour, are cmployed in the agricultural machine shop in making bashets, straw mats, in selecting seeds, and in breaking stone for repairing roads. The pupils are encouraged to labor on their own account. Each has a small portion of land for the culture of vegetables ad flowers, the profits of which are his

As an example of incidental instruction, we subjoin the following

"In laying out the ground for different crops, ken in determining the points, in drawing the imes parallel, in measuring the distances, and the intervals of the plants with the eye or by paces. The number of plants or heaps of manure is calculated, and the whole is a lesson in geometry and arithmetic, as well as an exercise of accuracy and foresight."

"In cutting the trenches for watering an artificial meadow, the level of different portions is observed by some; others trace the lines in such a manner that the water shall perform the circuitous route necessary to supply the whole of a given space without descending below its level; and and others sull place the sluices necessary to prevent excess in on part or deficiency in another. All the e operations are practical lessons upon the laws of gravitation, and are often employed in the istence and influence of this universal agent. If the pupils are engaged gathering the stones out of the fields, these become the subjects of examintexture, then the uses to which they are respectively applicable, and finally their name, either in the moments of rest, or in some of the lessons of the day. The instructions thus received, are recaded almost involuntarily at every fresh operation of the same sort; and such associations serve to divest this lowest of agricultural occupations of its purely mechanical character."

" If they are clearing the ground of weeds, tho name, characteristics and qualities of each one are made the subject of remark. The relative effect of sun and air and moisture and cultivation, upon these plants and those of a useful nature, is necessarily brought to view by the observation of the pupil, and by the instructions given him, and inferences are then drawn as to the best mode of exterminating them."

The intermediate school was established to supply an education for the sons of the "middling classes," in a style correspondent to that of the parental roof. Free from the glare and show that

^{*} For an acquaintance with this distinguished man and his noble undertaking, the English reader is mainly indebted to Rev W C Woodbridge, Editor "Annals of Education," to Prof A D Bache, in his able report to the Councils of Philadelphia, on Education in Europe, and to " Leiters from Hofwyl, by a Parent," London, 1812 From