

should not expect agriculture to remain stationary ; we must look for more than the addition of new forms of machinery ; we must expect changes to take place from reasons based on chemical analysis.

Many have been the opportunities for such development through the colleges organized to teach agriculture as one of the courses of study, together with the experiment stations which have usually been connected with such colleges. At present experiment stations are being organized and built all over the country. The demand for educated agricultural men to fill the positions required by these stations is greater than the supply. To-day the graduate in an agricultural course has as good prospects for success professionally as has any other graduate. It is for him with his knowledge of chemistry, botany, zoology, mathematics and the many other useful studies which he has completed, to point out and have applied those advantages which are at present unknown to the great masses of our farmers.

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*WANT DEVELOPS STRENGTH.*

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Want is something that falls upon each and every person in this world ; it falls upon the rich, upon the poor, and upon the intermediate class. It is true, the wants of the wealthy are of a different nature from those of the poorer class, but they have wants—many wants. Persons born of humble parentage are denied many privileges which the rich enjoy ; the poor amuse themselves with pleasures of which the rich never dream. Considering that every one, sooner or later, in

one way or another, experiences want, still the greater part of mankind believe want develops strength. - We are all born into this world weak. We are all selfish, and if the Creator had created us with all things at our command, instead of being an industrious people, we should be idolent, lazy and degraded. How it is that few persons knowing their resources, each knowing that his or her future usefulness depends upon himself or herself, strive early in life to obtain what they at least believe to be their calling ! But many a man who is endowed by nature with more than ordinary genius goes down to his grave unknown to fame ; if, on the other hand, his natural gifts had been fully developed his name would rank with the names of Caesar, Macaulay, and Lincoln. Indeed our histories would be full of names now unknown.

Want develops physical powers. If all were born physically developed we should need no exercise ; childish sports would be useless, sporting equipments unsalable, and the source of much pleasure would be a barren page in our life. Now, bodily exercise is needful for the maintenance of our lives ; our strength increases by it, and when reverses come we are enabled to bear them with more courage. Want develops the intellectual power. Education is a necessity in all the works of life. By education, I mean not only a knowledge of books, but an understanding of the duties of the business which you follow. At first you do not understand any part of your pursuit ; the rudiments are the first requisites ; then you learn a little every day, till at last you are an experienced man in your chosen occupation. Necessity is considered by all as the mother of invention. Look at Edison, Fulton, and Whitney ! There is no better illustration than the cotton gin. Whitney was by nature a genius, but he did not stop with nature's gift ; he worked—graduated at Yale. Being shown the necessity of separating the cotton from the seed he started out to contrive a machine with which to do it. The world knows the result. Why was America discovered ? Why