accurately made and reported shall advance the knowledge of tiliage beyond where it has stood for many years." There is still the same deplorable tack of originality in the literature of

the farmer.

The query at once presents itself, how is this to be done? Not by reading the records of the past alone, however valuable they are but by observing with critical care all the phenomena connected with vegetable and animal physiology, in relation both to the earth and the atmosphere, including everything that affects the condition of domesticated animals and cultivated Books contained only the kn. wn, and so far as their contents are valuable and useful they report the exact processes of nature in regard to the subjects discussed. Let the reader learn o discriminate therefore between knowledge and theory; in doing so he will soon learn that there is a wide difference between knowledge and theory, between experiment and hypothesis, between fine talking and writing and working i. the field, between actual observation and predicable assertion.

In christianity faith is a fundamental, and therefore an indispensable element. But in physics demonstration entirely precludes the necessity of faith, and therefore the reader of an agricultural paper desires, and especially so if he is a practical farmer, to learn what a man knows, not what he believes, or what he asserts from hearsay. Neither by many or by few words does a writer commend himself is what they desire, whether it be conveyed in many or to the real hungerers and thirst rs for knowledge. Truth, few words. Some pride themselves on short articles, seeming to convey the impression or conceit that because they write short articles, ergo, they are good; also that long articles, because they are long are worth-Such, however, is not the decision of the analytical reader, for he learns to judge of the contents of a paper not by the length of its articles, but by their quality. What a man knows, not what he believes or has heard, is what the farmer wants and seeks by reading.

The advancement of farm literature must depend upon the observations of practical farmers, and not upon the hypothetical speculations of mere theorists, writers or lecturers who know nothing practically concerning the subjects

they write or talk about.

What would a city schoolmaster say of a farmer who never taught school a day in his lif, who should write an essay on school keeping, dictating how a school should be organized and conducted? Away with such nonsensical speculations, would say the practical teacher. Before undertaking to teach others, first learn by experience in the schoolroom what cannot be learned anywhere else; then instruct the masters. In such a decision the teacher would be right.

Suppose a city But to reverse the picture schoolmaster, known as the principal of a stleet school for young ladies, should attempt to write or compile an e-say or manual on practical farm ing. What would the farmers be likely to say of it? They would say, just what practical sc. Colmasters would say, of those who know nothing practically about school-ket ping, yet at tempt to dictate by lectures or escays how in Just for a moment conten. conduct a school. plate a city schoolmaster attempting to instruct pac ical farmers on the rotation of creps. Me sutor ultra crepidam. is a Rom in maxim of gen eral application and at once suggests itself. It is quite as absurd for a schoolmaster to teach the practical farmer the niceties of the and conducting a farm, or of economical agriculture as it is for the farmer to attempt to teach the practical schoolmaster the art of conductings school.

Did Mr. Bakewell, an Englishman, and the prince of stock-breeders harn his art from a schoolmaster's manual on farming? Did the Messrs. Colling produce the improved Shorthorns in a similar way? Or was it not rather by observation and experience united They were careful observers and experience united They were careful observers and experiences; and thus the Messrs. Colling and Mr. Bakewell produced results that have proved their claim is the noble honor of being benefactors of manifed They did something to advance the practical of cattle and sheep breeding. Men of the spirit and enterprise are now wanted in every other department of farming.

He who by experimenting learns how he grow the greatest amount of wheat, rye, combarley or oats per acre, with the least cost per bushel, wilt then be able to teach what every farmer wishes to know and what no farmer not does know. He also in the same way tracked to grow annually that crop which is most postable without regard to rotation of crops, by application of suitable fertilizers, will be entite to a place on the scroll of fame, by the side of Bakewell and Colling, as a benefactor of the

race.

To the same hon r he will be entitled at teaches the cheapest in thod of making be mutton, pork and wool—any or all of the staple products. These lessons can only blearned by experimenters in the field soil in garden, among herds and flocks, and in breeding and feeding. Facts thus developed will furnist the material for making the science of agricure, when they are all known. The facts the possession of practical farmers to day the have never found their way into any both paper, are worth infinitely more to practical accommical farmers, than all the have ever be printed, from the times of Cato and Calamid down to the present time.

Farmers! will you furnish fac's for the Cor try Gentleman, no matter how common!