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## Soil Troubles and Wheat Culture

Prof. H. L. Bolley of North Dakota Agricultural College, in Dry-Farming Bulletin, Prescribes Treatment fo Sick Plants and Ground

 MODERN DEVELOPMENT. The gelence of thuman surgery has
heen evolved from study and observa. been evolved from study and observaerio a as long as the story of human
In ts old the sense that the pro-
In the sers ession of surgery has ever followed
nothods founded on accepted knowl
dge it mas always practiced scientitic been stated before, because no ne had previously made proper
studies upon wheat seeds, wheat studies upon wheat soeils to allow which calls for a proper care of the wheat soils with reference
o their sanitary conditions for ne growth of wheat, it is true
new, but the diseases of whe oots are old. Agriculturists have

wheat crop, but they could no account for the rapid deteriorat
ing of the wheat yields upon ang of the wnown to be fertile. It was usually said that rather con-
stant cropping to one crop tends stant cropping to one crop tend below a pint at which a pay crop could be produced. However, of en, the best sort of rotations results naturally to be expected.
his finding regarding internal y infected seed and disease in
feted soils is perhaps the chie
explanation of such reduce explanation of such reduce ields on lands of
In other words, now that we
know about these rather persist ent wheat and soil troubles, our farmers can take rational step in large part, to do away wit them. This is real doctrine o hope, hope that we can soon ar range such proper and succesf and seed treatment and so
andle the farm manures that niformly, much better result shall come from farm efforts
hope that by proper deep plow hope that by proper deep plow-
ing and the other necessary
methods of culture, the older rought back to proper yields o onable cost of effort. When the symptoms and na ture of well and generally under stood by the farming public as is now the case with potato sca and wheat smut, farmers will he chief reasons for careful see rading, seed treatment a is not that fertility of the so much injured of the soil he single crop method as that mechanical texture is spoiled an he sort of disease germs whic are charac
ular crop.
There is nothing about the na which may not rather easily overcome by proper methods
agriculture when we can succeed in getting farmers generally to plow properly, harrow and pack properly and to use farm man own seed; to grade and disinfect $i t$ and to carry out proper crop As in the past, some such diseases will appear in every crop but their occurence in generally

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