Earners＇BiPpartment．

 importanct to the farmers of Notrose eigge of，and instruction in in regard to






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## BROWNVILLE

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nourishes its growth and development．
How it does this，and What it thus
receives are quieires of proaninent im－

然
 Seed，placed in moist earth open to
the air and sunshine，sprouts andgrows．
If these conditions are continued a sufficient time，the plant matures，pro－
duces seed，and then decanys．Why an was so ordered by the inscratible
it
wisdom of God，is our only answer．
How？Wo watch the results，we sorutinize them with micro－ scop，and then can give but a partial
answiver suswer to the question，These
researches and this serutiny，which
have long been carried on，form the science of Vegetable Physiology－
science yet in its infancy，but of none
the less importance to the the less importance to those who would Mhose main object and business is to
bring its productive capabilities into
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