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action and Plain Engin
and Horso－Powers． 32 YEAARA

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## that pea lovers in this latitude wil find the three sorts we have named to stand at the head of the list，and

## Barnyard va．Commercial Manures． We find on our table the First

 Annual report of the Cornell University Experiment Station，for which
we are indebted to We are indebted to the courtesy of
Prof．G．C．Caldwell，who is the very station．The report contains much information of great practical impor lance to farmers．That which strike
us as being of greatest value，and just now most seasonable，is con－
tained in the reported results of a five years＇series of experiments with various fertilizers on Indian corn．
In explanation of these experiments， Prof．Caldwell says：
This series of experiments was be ing it through a number of years，or
at least till conclusive answers should be obtained to some of the questions
put in regard to the manuring of this mportant crop．A field of about
wo acres，with stiff clay soil， ho acres，wions cropping liad been re－ dued to a low condition of fertility，
was divided into 33 plots，each wide
and long enoeg for and long enooght for 3 rows of corn
with 80 hills to the row．The chie object of the experiments was to
contribute something to the settie－ ment of the question as to which of
the three most important constituent the three most important constituents
of manures，phosphoric acid，nitrogen

