







sh, whille tn average weather both do Vermont, where experiments in breed
the best they can to gather the crop ing and selection for for increased re.
head of the farmer. Many plant dis. sistance are under way. These resuits

 whte others are badly by a divedseas Individual plants of a given vartenty
utillized to
 rlettes whtch have been introduced
into eulture- as, for example, the
"rust-nroof" varietles of wheat

 eases and Insects can be controlled by
the various polsons, sprays, and cuu
tural methods alleady discovered., but
tor some as, for example, the rust
wheat, peach yellows, cloverseed fly. wheat, peach yellows, coverseed fiy,
etc.- satisfactory remedies have not
yet been discovered. Some instances may be cited to show
just what is manant by resistant or 1 .
mune varieties and their value. Grapes Hrnlsh a striking example. Eur
pean grapes planted in this countr fall wherever the American grape-roo
louse ts is present, because the louse
able to attack and destroy the root
 tive American grapes are also attacked
by the same louse., out are so hard and
wiry that the louse can not destroy them. In other words they are re
sistant.
 irn states, where moart on other south
tese fall because of blight. The vi
fety of cowpea riety of cowpea known asht. The vithe Iron
has proved so resistant as wilt disea
hat in some fields it When all ome ther varieties have bee
tilled. Amertc has survive Ittle subject to the mioneberries are b
rolously affects the mhich rlously affects the larger English val
rlietles when grown here. What neary
every crop grown esome .


Roote of "Tron" Cowpea, Realatant

 Varietios haveng nan montoht hanti



4 plant and propagating from It. T
farmer has as great opportunity f toing thls as the seedsman
The gold money of the world to 84 . of for each Inhabitant and the gold
money in the Titted states to mones in the Untted
for each Inhabitant.


 second. Tennessee thlrd, Marylan
fourth and West Vlrglina afth. The amonnt of nmperte deatrorevel
hv fire in the United \&tates th the has
 mine mitlon hnillitines have
morned to the last ten years.





 readily on yellow. oblects, next on
haose that are green. It torms slowly
on anything red, and most slowly on
$3=2$ $42=2$ $=2$ $=\mathrm{F}=2=$
YNatam 52


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