## Soilsiduons <br> Q

 tremedy useful in storing up the food
needed by the eprouting seed, it must
be converted sugars to be of any use to the grow-
ing plant. This conversion is brought about by diastase, which is present in
practically all seeds fit has been
found in active form in seeds known Found yn active form in seeds known
to be over ffity years old.
An extremely small amount of dias-
tase will be catalysis fts mere pres-
ence-act upon and render available nec-act upon and render are prailable
or absorption, many, many times it wn weight of, starch. As oats, as well iastase than they need fortain more their own
use that is, more than is necessary in convert all of the starch contained starch brought in convertact with it. So hat, when the sprouted oats meet the
other starchy grains in the alimentary
canal of the birds, the diastase of the oat immediately attacks the starch 3. They contain vitamines. This
3rm was first applied to the sub present or in the thances that must
diet animals order that the animal organism may
grow and reproduce itself. Their ex-
act nature is as yet unknown; as they have been recognized and more thor-
oughly studied only for about the last known about them: They are most rapids growthe such a state of aerms, sporves,
leaves and sprouts and other specu-

THE WRECK OF THE MARY• JANE
 hut thooght that haw was as near pertec Sto had boen veed for many years



 bill grater portion of one summer, 1y uncomportable even tros sure










 ang ona arpain whit fully reailized


 that notroat mitake had ben made foed that they yonild herve gine to to sas the end ow that pertexte seftey; but eat anat even four miles was toin




 arme Mary Jane was midway be

 ${ }^{\text {the manded }}$ Thit the canvos!" shouted













THE SUNDAY SCHOOL LESSON

JANUARY 1
The Last Judgment, Matt. 25: 31-46. Golden Text $\ddagger$ Inae much as ye have done it unto one of the least of thees
my breathren, ye have done it unto me.- Matt. 25; 40 . Nalysis. $\qquad$



## hand, and asesmed what be beievered  <br> Hurng the whole of that long too  

 uppy. These afford a aplendid mar-ket through a fairly long season to farmers and
bred focks.
The suis eggs is quite indedequate, so that the opner of good stodk will have little
difficuly
connection avrangening a satisfactory to ship his eggs quite a distance to
the hatethery
Get in touch with the hatcheries near you and learn exaccly how to tol
meat their recuirements. You will
fnit them ready to meet you more than ifway ready to meet you more than
wan produce the thing When several flocks of henis are kept
in one long house it it is consididered a Wise practice to use wire-covereded para-
titions between pens in order to pro-
vide for mex vide for at axeaximum in icruldartion of of air
during the summer months. This requently means to to much
draft tin oclo weather unless the front
curtains are kept closed curtains are kept closed more of the
time than is desiane. An exellent
way to get around the latter diffleulty is to cover the wire papertions witith
muslin or burlap when cold weather threatens.
Musin is of course to be preferred.
becassit it will make the pens lighter and wirl be somewhat easier to apply.
Of cout greater than the usual bost of bore.
whriap. What greater than the cost of buriap
Sorm thock owner hav ofond it
worth while to build removabie frames which aren be taeren with musin and
quickly when required.

 Would
the plan
tnitead.
Int

orenor not untit the midill or that










 "What bome the mater") the farme



## Tried to Play on Her Feelings.

 ouldn"t your mustcal friend playplano for you ?" Noad."
 life on the pranets adaotining the sun
the same proximity as the earth.

 planning the best way to market the
eggs which that flock wwil hy next
spring It spring. It is more than likely that
Tou can secura o oontrat whic will
insure you a a premium of ten cents.



 aphills.

 diodil hamay feab


 best they weind onithe

##  <br>  <br> 

