FARM AND GARDEN．

| terce，direct heat of the sun＇s rays Nitrification is retaraed since it the gresses more favorably when the surface of the ground is partly shaded． Again，the cultivation method，to be effective，must be frequent and thor－ ough－conditions not always easy to meet．Earth－litter mulching as prac－ ticed by this writer obviates most the difficulties named．Short－fibred manure or litter is spread evenly over the surface of the ground to a depth the ground is cultivated，thoroughly mixing the mulch with fine surface earth．In the case of small patches， this may be done with a hoe，but in the majority of cases it is best time， with a cultivator．After some when the appearance of weeds or when other causes make it necessary，the cultivation is repeated．The advant－ ages of this method are： <br> 1．The moisture is more effectually conserved，and the root system takes its proper position． <br> 2．The soil is better protected from the direct heat of the sun．The earth litter mulch is a good non－conductor <br> 3．The manure thus applied keeps creasing the soll capacity for moisture and maintalning fertility．Nitrifica tion is also favored． <br> 4．The best features of both old sys－ tems are retained，and the method is applicable not only to trees and sn fruits，but to any cultivated crop． 5．Labor is saved，the required cul tivation being materially reduced． |
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## TALAIAGES SERMON． 

 go up to the Supreme Court or Court
of Chancery and all the costs thrown
over on the other party，so a man may
年 lose his case in this world，but in the
higher jurisidiction of ternity have the
decision of the earthly case set aetde all the costs remitted and
be triumphant forever． The object of my sermon ts to show
you that common sense declares with
the text that such an expectation the
chimerical．＂It the tree fall toward the
sonth or toward the nort the place south，or toward the north，in the place
where the tree talleth，there shall it be．＂Tmpentent and unfortunate man
the mpan
onters the next world and sees the dis－
esters aster，as a result of that disaster
will turn，the distress the cause of b
reformation；but we bave ten thousa reformaes all around about ue of people
Inst have done wrong and disaster kud－
who
$\qquad$
$\qquad$ he beging to sit up，begins to waik
around the room，begins to go to busi－
ness and takes the same round of grog－ ehops where he got his morning dram
and his evening dram and the drams
between Down again．same doctor Came physical anguish．Same medical
warning．But now the stekness mis more
protracted，the liver more obstinate，the protrach，more irritable，the digestive
atomach mons more rebellious．But still，un－
organs der medical skill，he gets better，goe
Corth，commits the same sacrilege
agalnst his physical health．Some－ times he wakes up to see what he is
doling，and he realizes he is destroying
bis family and that his life is a per－
 oughly with disk or the ground thor－
sow，harrow The methode described above were
successfully used last year in sowing
crimson clover on the station farm． pounds to the acre－as many plant
may be killed by drouth and frost．

Indiana Experiment Station．

| Professor Playfair said rec re the Royal Agricultural the total bulk，are helpfu ttening of animals．The order maliness of the lungs of our orse，and as a remarkable pr portance of small lungs as in a tendency to fatten，the or amed is exactly the same a of the smallness of the has the greatest the horse the least ten ，for instance，a Chinese lungs，an Irish one la the Irish．The＂disapp lood from the system of a eans of the air inspire s．The oxygen which has the system never againit without being unit part of the body or of |
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Developling sow Plants．
We seiect seeds of certain ppants
which come the nearest to our stand－
ard op perfection．No two breeders of
any kind of stock have the same ideal
standard in all partieulars，so with Enorthorns，draft horses，Merino sheep，
Essex swine，light Brahma fowls were
not brought to their present state of
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are
tion
nerve

 breeding and cultivation．The poorest
and those of medium quality $\begin{aligned} & \text { were } \\ & \text { weeded out；only a few of the chotesest } \\ & \text { were saved．The work was divided．} \\ & \text { wne man devotes wears of patient }\end{aligned}$. One man devotes years of patient
work to certain strains of pelargon－
lums；another to asters，roses or pan－
sies，and so on through the long list
of＂Flora＇s sweetest treasures．＂Bur－gets up
of dis．
this
case．
there
bridge says：＂From a houseful of fuch－
sias，Mr．H．Cannel．who is well known
tor his new varieties of this favorite
plant，only otatans about a quarter of
an ounce of perfect seed，the value of
That
cal su
dissol
stone
sal





several characteristic
desirable a acquisition
grown घuccessfully．
Characteristics of Crimson Clover－
It is $n$ true clover，but earliter，smails
and
 it to mid－summer seeding．It come
jnto full blom at this station，earl
tn natay，he 1st of June．It is am annual
atheot parent plant dying when it hat
tmatured its seed． tert leter Name worn tion ins imo tone＇s throw of where you sit and in
very neighborhood of Christendom．
Vatn does not reform，

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\begin{aligned}
& \text { torial regeneration. Take up } \\
& \text { printed reports of the prisons of } \\
& \text { Unitited States and fand that the va } \\
& \text { milority of the criminals were the }
\end{aligned}
$$ ofore，some for two times，three tis

four times，six times．Punished ag
and agatn，but they go right on．謁荡 Why you and I cannot tmastine ana
vorte torture from another world that
 probable than here．Do yea not realite
the faet that a man atarta is this worid


 ing：＂Take these things orr me！＂He
is drinking down the comfort of the
family，the education of his children，
their prospects for this uife and per－ haps their prospects for the life to
come．Pale and convalescent he sits
up．Phystcans say to him：＂Now，my
good fellow，I am going to have a plain
talk with you．If you ever have an at－
tack
$\qquad$市䔤它


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world．

THE SUNDAY SCHOL





 Seneca sald that in the frinst few yea yara
of his public life Nero was set up as a
examp example of clemency and kindness，but
he got worse and worse，the path de－
ecending，unthe at tixty－eight years of
age he was the sultecte．If el elght hun－
ared years of lifetime could not cure the antediluvians of their inlquity，
undertake to say that all the ages of
eternity would be only prolongation of
depravity．＂But，＂，says some one，＂In
the next int the ovil surroundings will
be withdrawn and

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$$ be substituted，and hence，expurgation，

sublimmity，glorification．＂But you must
remember that the righteous，all their
sins forgiven，pass right in into a beat－
inc state，and then having passed up
infore the beatific state，not need－
into

## $i$ $i$

 hat another chance in anothor worl
means the ruln of this．Now，sup
pose a wicked man ta assured tha
otter fature．That would be the demorall
zation of soclety，that would be the
demolition of the human race are men who are now kept on the limit
ar sin by therr fear．The fear that
ar we are bad and unforgiven here it will
not be well with us in the next exist
nence．ts tho chiet infuence that keeps
civilizaton from rushing back into
semiter for barism from rushing bock into mid－
night savagery，and keeps midnigh savagery from rushing back into ex－
Himlts of sin．But this idea commg into
his soul，this idea of another chance，be says＂Go to，nowi 1ht get out of thit
worid all there ts in th．＂come glut
tony and revenge and uncleanness an




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| wice－the first trial would not be of rery mued impertance，but the seoosa trial would decide everything． Oa whieh trial would you put the mest espenditure？on waich trial would you empley the ablest couasel？an whleh rral weuld yeu be meet masious to <br>  |
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\begin{aligned}
& \mathfrak{c}
\end{aligned}
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