CLEAN SEEDING.
In all employments it is expected
that the workman shall not only be that the workman shall not only be
expert in the manipulation of his art,
but shall be well acquainted with the but shall be well accuaxinted with the
nature of his material. I can perceive no good reasons why it is not equally
incumbent on a practical farmer to understand the true character of those
nen plants which it is his especial interest
to cultivate or exterminate. If our
boys, whie in school were reqired to
make themselves acquainted with that make themselves acquainted with that
portion of the vegetable kingdom which annually demands their atten
tion on the farm, the profession would speedily
aspect. The labors of the field would aspect. The labors or the heantwompla
be blended with peasent cont
tions of facts of the deepest interest to innuiring minds-and agriculture, in
stead of being shunned as an irksome one of the noblest employments of a
free and intellectual people.
The term weed is applied to those intrusive and unwwelcome plants that
persis in growing where they are not
wanted, or a "n plant out e wanted, or a "plant, out of place."
Many of the troublesome weeds found
on on our premises are emigrants fro
other portions of the world. The
number of plants indiginous. to ou pornicious weeds is comparatively
small. As the original savage disap
s. pear with the advance of the whites,
so do the native plants generally yield The majority of noxious weeds
found among us are naturalized strangers, that appear to be quite at
home, and are with dificulty to be
persuaded ordriven The labors of the farmer are a con-
stant struggle. On the one hand, by presenting the most favorable con-
ditions possible, he endeavorrs to make
certain plants grow and produce to certain plants grow and produce to
their utmost capacity. And on the
other to prevent the growth of certain other to prevent he growth of certain
other plants that are ready to avail
themselves of these favorable con estons in twe oparmer is ococerning dy weeds.
First-how they get into his ground and second-how to get them out.
Cultivation can be the more profitably
carried on if the husband something of the nature of the plants
he wishes to raise. cessfully operate in the he ther diriection
and stop those hurtful plants from growing, he can do so much better if
he knows what are the peculiar habits of the individual with which he has to contend. It is an essential to be
familiar with the manner of growth,
and mode of propagation of weed and mode of propagation of a weed as
it is with a useful plant. The plant
that spreads itself entirely seed must chat spreads itself entirely seed must
be differently treated from one that
maltiplies by the root also, whether sho would propagate or destroy. We
shruch bear in mind that while we
enrich our soil enrich our soil, we are fitting it for for
tares as well as for useful grain, and
that thorough culture and good farmthat thorough culture and good farm-
ing ensures a sort of general exemp.
tion from the pestilence of weeds, and renders ease pese subjugation of those
which make their way into which make their way into our grounds.
If the ground be not oceupiod with
something good there will be plenty of the bad to take its place. "Idle.
ness is the mother of vice" in this as well as in morals. Possession is an
advantage in other matters as well as
ast law. A plant when fuly established
is not disposed to yield without a struggle, and the worst ones are gen-
errally tenacions of life
Some one has said that all the plants
of a given place are in a state of war in relation to each other. The largest ones smother the smallest ones; the
longest tived ones sapercede
shorter duration those of shorter duration; and the most fruit.
ful gradually take possession of the
space which space which would otherwise have
been oceupied by those whieh multiply more slowly. The husbandman,
therefore, should avail himself of this principle, and aid the more valuaile
plants in their struggle to choke doin and expel the worthless.
I once heard
advance heard a learned gentleman
beginning or thery, that God at the beginning or immediately after the the
transgression caused taneously spring up in all places pos.
sible for words you might go into ; or in depther of
the forest wild and cultivate the ground and treab grass and other weeds would come
without seed bein rect reason. Those pernicious weeds wayss are introduced in a number with those of the cro their seed sown larly the case where th ; this is partieud. same size that their separation is difili
cult. Proper care in prouring and
preserving olean seed preserving clean sed wil often save
much future trooble texat texaion.
The observing man will notice the The observing man will notice the the seattering of ssed, and he will
find that the most/pernicious seem to find that the most pernicious seem to
have been especialy furrished with conn ances turdack, beggar lice and
sion. The burd sion, The burdock, beggar lice and
others have barbs or hooks by which
they aldeet to they adhere to elothing and the coa
of animals, and are widely distributed even in the forest by this agency." All the thistle family and many othen
have a tuft of fine silky hair attached to the seed, by which they are buoyed
upon the air and carried ftom place to place, and are generally deposited i
protected localities by the waves o the atmosphore, to the leaward fences and other objects: So numer ous are the ways by which seed
dispersed, that, however careful a
farmer may be upon his owri premises a sloven and neglectful neighibor may cause him infinite annoyance liby furnishing his lands an abuane
supply. In some countries a farmer may sue his neighbor for negtecting to destroy the noxious weeds upon his
lands: or he may employ it done at the dio he may employ it done at hede beon eut oxp pulled after they
have bloomed then in the barn lot or manure heap, unless you wish to have the work to do over again with their progeny, as the seeds
will be thoroughy distributed in the
mannuring of the land. The better manning of the land. The bett
poiciey would be to burn them, or stroy them before they bloom.
weeds, as well as in the government of children, evil, should be nipped in
the bud. In this respect the farmer should act in the spirit of the western
savage who kill the women and chil. dren of their enemies as a surre way of
preventing the multiplication of $w$ ar preven
riors.
On
of faith is the most troublesome classes top as the garlic, dock, \&ec. Here not
only has the only has the propagation by seeds to
be prevented, but a subterranean and be prevented, but a subterranean and
hidden enemy has to be combatted. should understand that the farme these plants grow, that he may k kow
how to direct his efforts to subdue them.
Perennial weeds are easily destroyed
during the stages of their existence during the stages of their existence ;
but later in the season they form strong roots in the ground, which have strong great
tenacity of life, and which have in them an accumulation of nourishment which enable them to throw up several
successive crops of herbage. Plowing successive crops of herbage. Plowing
such weed generally ggravate the
trouble, for unless removed from the ground-a thing very dificult to aecomplish- each
piece that is left makes a separate plant: +1In the case of weeds of this erradicietiong, them in in apparent, for if
once well established, and an under groath provisioioh depot formed, the
husbandman and the plant are placed in the condition of besieging and vision holds out the later can main
tain its ground. The tiller will well to keep in mind two rules. Do
not let weeds bloom and do not let them not let weeds bloom, and do not let them
breathe, for the leaves may be consid ered the lungs of the plant, and with-
out the aid of these it cannot long out the
maintain of
mitself.
It don't require an unusual amount It don't require an unusual amount
of gumption for a person to know,
that to have good and wholesome that to have good and wholesome
brean, his grian must be clean of
filth; a thing we all most heartily de filth; a thing we all most heartily de-
sire. TTa accomplish it, like repelling an armed foe, requires the united effort
of all concerned. It could be done in a comparatively short time, if all who
of and a comparatively short fime, if all who
coltitvate farms would manfully wnite
in the effort in the effirt. Five or ten years of persistent effort of all hands would obliterate it from any section. It can
only be partially done as long as part
nee only be partially done as long as part
negleet tit. Fith is spread in such a
multiplicity of ways that if clean their fields it wil grayually find
its way its way back in some of the ways al.
reasdy notived. A compalsory law that would compel empar person to
glean his lands of these obnoxious glean his lands of these obnoxious
cumberers, would be $\mathbf{a}$ wholesome one and as just as to slaughter a drover's cattle infected with plearo-pneumonia, to prevent the spread of the disease or to quarantine a vessel for the same
purpose A species of filth that gprings up
amiong the small grains and matures
at the same time they do, and known at the same smane they do, and matures
among us as cockle, is of Eurown
atean
 of easily distinguished and taken out
of the grain. It waves its colors.
triumphantly over harvest fields at
blooming time. This renders it so conspicuous, that nothing but sheer
neglect (a species of laziness) will suffer it to remain till harvest time.
Its rough, black seeds when abeed Its rough, black seeds when abundant
among wheat, are injurious" to the quality and appearance of the manit-
factured flour and the miller who seeks a reputation for making yood
flour, and don't despise cockle is an anomily that would be a
figure in a variety show.
There is another class, a native of
the same country, and known as the same country, and known as spelt
or Georgia cheat. It is the most
diftelt of all the tar to infficult of all the tares to get rid of.
It is so near the size and heftof wheat,
and in appearance, while growing, so and in appearance, while growing, so
nearly like the grain, that it is-nextto impossible to winnow it at maturity or
pluck it while growing The only
way that I can conceive to get rid of way that 1 can conceive to get rid
it to to pick it with the fingers from
the seed grain. It is of a gluey tex ture and clogs the boulting cloth white
grinding. It is unpatatable to stock.
They refuse to browse upon it, conse. They refuse to browse upon it, conse.
quently it will flourish in pasture lanids. Close akin to the last named is an
other of the grass family known as chess or cheat. It is lighter than
wheat and can, most of it be blown
out with a fan mill. Its stem and
It blades while egrowing have afuzzty ap.
pearance, and by close obserfation can be distinguished and putlid out from
the grain. Its name is significant, and he who suffers it to grow around
nim will find himself cheated in the end, as it is extremely prolific and
neither beastor fowl will partake of it,
if they can find if they can ind anything else to sub-
sist upon.
Among the curious and vulfar er. rors thang infest curious and minds of crededur er ors
and careless observers, may be men. tioned the belief of a few farmers, and
some of them good practical ones, that
this troublesome than an accimental variety or casual
torm of degenerate wheat, produced by some untoward condition or unpropi.
tious season, or some organic injury, though it must be admitted, I think,
by the most inveterate defenders of this faith, that in undergoing the
change, the plant is surprisingly ni.
form in its vagaries in always assum. ing the exact structure and character We have a confederate in this controversy on transmutation, one Moses
the great Jewish legislator, and the first of the Old Testament writes. He
was a prophet of the Most High, and supernaturally guided and aided in his
writings. He lived forty years in Egypt the great wheat country of the
East; and forty years in Midian with
Jethro Jethro among the herds, and was
familiar, no doubt, with all the grosses and forty years in the Wilderness
onere the where he saw many other things be
sides serpents.
diss testibing theny is, after describing the creation of the earth,
the firmament, the water and the light the firmament, the water and the light
(these gave the ossentials of plant life)
and giving them their bounde and giving them their bounds, that
the herb should yield seed, after its on capable of being, transferred to an an
other. An ber is other. An herb is a plant that dies to
the root every year. If one herb ta the root every year. If one herb can
change to any other they all mag. ingly precarious. Taking into consid. eration this wiew of the matter we might possibly sow tares and reap
good grain, or vice versa. The enemy that came while the husbandman was
asleep and sowed tares and asleep and sowed tares among the clean
grain might have benefted instead of
damageing the man damageing the man, if the season, \&cic.,
were propituous. If wheat will change to cheat under a certain condition,
why does it not, by changing the con-
ditions turn to whe ditions turn to wheat again; or why
not transform to some other herb as wot transform to some other herb as
well as cheat. Cheat, as the name im.
plies, is next to plies, is next to worthless. Can we-
dare we-accuse God of cheating usby changing the staft of life to something
worthless, by means that wo worthless, by means that we cannot
avert, when we have done our part by
prouducing it with producing it with our toil and sweat.
Such is closely allied to infidelity. We ought to be cautious how we advocate
such theories before the young for feater of shaking their faith in the goodness of God. The adiocates of transmuta.
tion, in this Bible raeding land, ought
to be placed ameng the and go, like Millerism to the undertaker in infancy.
There are many grasses and weeds
whose fruit mature at the time the whose fruit mature at the time the
cultivated crops do, and become min. gled with them to the detriment
these crops. But few of them are in
digenous. The digenous. The greater portion of
them are of foreign origin. A few of
them are bubbous and seed producers
also, and multiply both in and zbove
origin and was introduced कy the first
Welsh emigrants for the purpose of
of supplying an ears par pastare parpose This
could wifing forego in order to conpld wing an eary forego in order to g
rid of the onions. It is thow con rid of the onions." It is thow com
pletely naturalized and will stay with us unless we are vigilant in our en-
deavors to get rid of it, and the soone the better as it will germinate after laying twelve months on a dry plank.
Cike the skunk, its offence comes its odor and is lasting. Thiss enters,
when when' grazed upon, into milk, butter,
cheese, beef and pork, and renders them repugnant even to the most in-
veterate onion eater. Its effects not only reduces the articles, but abso-
lutely renders them unsalabie in thie leading markets at any price, and if
the cow had the second lick at them lie cow milk drinker she would, no
doubt, loath them too. Thorough cul. ture in suimmer croos will ultimately
destroy them as well as the fertility of destroy them'as well as the fertility
the soil. the soli haderter persue a more econ
omicical and safe mode, than entail such eaught Johh Dorsett praeticing. was going over his fallow field win
bbsketand mattock digging them arid puitting them in the basket carry to the wood pile and burn. His
good lady entered her protest against ourning them in the fire place, ase
ruined the ashes for soap purposes, by impartiling to take along with us in our sunday clothes.
Another diggusting mode of intro-
dueing filth into the grist is to
suffer rats to suffer rats to harbor where we store
grain. They are double injurious a a they consume the grin as well as defile
it. All the poisons manipulated for their extermination are exceedingly leave them with the manipulations. The ancient mode of keeping cats
the purpose is the safest and most sport as well as for food, and are eager for the ehase when not pressed with
hunger. This the facetious may term As the Lord mode.
As the Lord swore to hold war of so let us, in humble imitation, sow ex
termination against all filth in grain If we become heavy handed and
weary, like Moses did in the battle against Amalek, possibly an Aaron or
Hur, among our friends may hold up Hur, among our friends may hold up
our hands in incouragement until the going down of the sun, and until the
last root, stem and blade be extermi nated from this fair land of ours.
And then, and not till then, will the grumbling and muttering of the con
sumer about bad flour be hushed by sumer about bad flour be hushed
the elastic tread and joyous saluta
tions of the hosts of clen tions of the hosts of clean seeding and
clean field farmers in their march back to Edenic days. And thus we may stay the tide of emigration of the
West and Northwest and cause them to remain among us that we may have choice sons to inherit our lands, who
will be noble enough to preserve their fertility and cleanliness

THE EVILS OF IMMIGRATION.
The broad, liberal and comprehen sive policy adopted by the United
States in dealing with the question immigration has led to the rapid de-
velopment of the resources of the country, and to the aggregation of wealth, and also furnished a home market for our vast productions, agri-
cultural and mechanical. We have drawn heavily upon the population of Europe for the bone population ot
build our railways, till our farms and develop our mines. So far farms and immigrants were possessed of thrift, ndustrious habits and law.abiding
natures their coming has bean esteeme a national blessing.
The danger line seems to have been reached in the fact that the character of a large percentage of all the immigrants now arriving at Castle Garden
is not of the material to fill the abovenamed requisites, and, in fact, are not population, In this, connection the Philadelphia Press prints an interview with Dr Schultz, whose duty it is to cxamine all immigrapts who arrive at interview:
"Fifty per cent. of the immigration of the past few years is undesirable, and halt of that orfys por cent. is a positive burden on the country. Ou
present laws clothe ns with authorit
to send back cosend back about one-half of one per
cent. of the totat mimmingatioh, .h.te
absence of restrictive legisiation is al.
ready beg ready begininin
and the emigrat
aive Jetwers
0 stop furt

Most of the undesirable ones make
their way out there somehow, and be. come charges on the community.
Foreigners fill all the Western noor houses years ago they would make no effiort
to get further than New York on their chance of getting a holying
Ward's Island, but the authore on gan sending them back from there,
and they have now taken to the West The worst elements in the immigra.
tion are the Italians and the Polish
Jews. The contract the Italians is still maintained, and
bands of them, whose passage is by contracts, come over on every ship.
All of them go to work on railroads. The Polish Jews settle down on the
east side of New York and sew the ale firms along Broadwar the whole sale ilms along broadway. They live
in filth and poverty. The 'assited,
immigrant is also a cause of troth but undesirable new comers are in
every nationality." A statement of such a startling char
acter from one so well fitted to should set legislators, political econ-
omists and other well wishers of this glorious Republic to investigating and
devising some means whereby the wheat may be separated from the
chaff, and whereby undesirable immi. grants shall be prevented from em.
barking from foreign shores. The
fruits of this system are to found not only in the asylums, almshouses and
prisons of the country, but in the menace to our political system by the gathering of great colonies of foreign-
ers in the chief cities of the West,
who herd together in their own ters, continue to speak their own lan. the public peace as soon as they are settled.
It is time, It is time, certainly, that the best
American statesmanship should devote itself to the consideration of this probportance demands. Dr. Schultz is of the opinion that a head tax of $\$ 50$ or
$\$ 100$ would meet the difficulty, but American public sentiment would remedy. A better plan would be the
requiring a certificate from the United as suges consul at the point of departure,
as to suggest remedies free from allobjections, yet the signs of the times
should not be lightly disregarded, and
action should not be delayed until too late to control a growing evil.-Amer.
ican Cultivator.

## how to read.

Nobody can be sure that he has got
clear ideas on a subject unless he has tried to put them down on a piece of
paper in independent words of his own. It is an excellent plan, too
when you have read a good book, sit down and write a short abstract of what you can remember of it. It is
still better plan, if you can make up your minds to a slight extra labor, to
do what Lords Stafford and Gibbon and Daniel Webster did. After
glancing over the title, subject, or dewould take a pen and write what questions they expected to find
answered in it what difficulties solved what kind of information imparted. Such practice keep us from reading
with the eye only, gliding vaguely with the eye only, gliding vaguely
over the page; and they help us to with what we knew before. It is thing twice, to make sure that nothing has been missed or dropped on the
way, or wrongly conceived or interpreted. And if the subject be serious,
it is often well to let an interval

Ideas, relations, statements of fact, are not to be taken by storm. We
have to steep them in the mind, in the hope of thus extracting their inner-
most essence and significance. If one ets an interval pass, and then returns,
it is surprising how clear and ripe that has become which, when we left it, peemed crude, obscure, full of per-
plexity. All this takes trouble, no
doubt; but then it doubt ; but then it will not do to deal
with ideas that we find in books or its eggs-leave them in sand for the ple who follow this plan possess nothconvictions reared by accident. They are like a man who should pace up
and down the world in the delusion that he is clad in sumptuous robes of parple and velvet, when, in truth,
is only half covered by the rag and
tatters of other people's cast off clothes. tatters of other

