ure in large quantities, or by deep- because much is necessarily lost reality. ening the tilth gradually as the before the remainder can become The commons around some large It appears from the general tenor or words, proportional to its capac- should be from six to twelve inch-

such contributors to your paper as and vegetables mutually as ast each ingredients and the fogs which the banks of the lower Massaurs, dren the requisite qualifications to the The roots being deep, it is the "Learner," your correspondent other, and that they will continue brood over the whole province .- and extending their summer pere-"X " the Paturent Planter, or all to increase and multiply in equiva- These considerations render the grinations as far as Pembina and though last -yet not least—the lent perportions until the present case a possible one, but we should the British settlements? Sheep. veritable flutchman bimself, you order of things is interrupted by hesitate to adopt any system based it would seem can only be profitcause even the an Old Fielder like is not very probable at this period same considerations are not apply ple commodity in localities which myself, may now and then trespass of the Earth's history. upon you.

To the Ed tor of the American Farmer.

esting to a majority of farmers in these regions round about than the discussion of principles which should guide them in the management of their estates. A correstment of their estates, A correstment of their estates, A correstment of the Maine Cultivator, pondent of the Maine Cultivator, and the sales estates are also supposed as the sales estates are according to a majority of farmers in the inexhaustible is probably left on each particular spot they visit than is abstracted; It will no doubt be the means of the will no doubt be the means of pondent of the Maine Cultivator, introduced to your readers in a late introduced to your readers in a late sential in the termation of any seed our garden vegetables, unless a fair ments most wanted in the direction place of the broadcast system.— the same office to sap that recommends depasturing worn-out lands as one of the most certain and successful methods of reclaiming them. This in fact is the plan fresh air. He does not expect them in the direction of the whatever. The very stable, and at convenient seasons them through the roots. The very stable, and at convenient seasons them through the roots. The very seasons, and wherever it has been in use two perform the same office to sap that convenient seasons, and wherever it has been in the direction they are taking—thus acting as them through the roots. The very seasons, and wherever it has been in the direction they are taking—thus acting as them through the roots. The very seasons, and wherever it has been in the direction they are taking—thus acting as them through the roots of comparatively high and low latitudes, and alternately benefiting faction. It is cheap and simple in the direction they are taking—thus acting as them through the roots of comparatively high and low latitudes, and alternately benefiting faction. It is cheap and simple in the direction they are taking—thus acting as them through the roots of comparatively high and low latitudes, and alternately benefiting faction. It is cheap and simple in the direction they are taking—thus acting as them through the roots of the plant which ments most wanted in the direction they are taking—thus acting as them through the roots of the plant which ments most wanted in the direction they are taking—thus acting as them through the roots of the plant with they are taking—thus acting as them through the roots of the plant with the plant at the plant pursued very generally in countries which lay no particular claim ture, but the pasture to profit at the pasture to profit at the pasture to profit at the leaves to eminence in agricultural economic their expense. In the course of ten may and on farms too large for active any benefit from the pasture to grow with a good happy admixture or interchange of aged, not burthensome to the hand the pasture to profit at the leaves the manner than any other way and if the leaves have air, though the growth and on farms too large for active any benefit from the pasture to grow with a good happy admixture or interchange of aged, not burthensome to the hand toots—but water will not pass in the organic and inorganic constitution or horse, performs the work for the leaves and independent to the pasture or interchange of aged, not burthensome to the hand toots—but water will not pass in the organic and inorganic constitution or horse, performs the work for the leaves and independent to the pasture or interchange of aged, not burthensome to the hand the pasture or interchange of aged, not burthensome to the hand the pasture or interchange of aged, not burthensome to the hand the pasture will not pass in the organic and inorganic constitution or horse, performs the work for the leaves. And, if the leaves have no air, the plant will die; but a second the pasture to profit at the leaves are the organic and inorganic constitution. my, and on farms too large for active cultivation on the most approved system at least the old fields at wanted. But can this be considered a far below the surface as and quasi-tropical shrubs fragrant and quasi-tropical shrub is considered a matter of some ac- Is time of no value? Can the out out their extent—several genera- a large half-famished field set in count. The mode I think, is one lay of a few dollars be an objection tions of trees may have lived and oats being entirely renovated from count. The mode I think, is one lay of a few dollars be an objection tions of trees may have lived and onto being entirely renovated from the control of the of which is to pay taxes upon land it away, if he cannot find a purchised and the other to pay a still higher tax upon land which stuke the most economic find a purchise of the interior species will subsist upon land which stuke the most economic find a purchise of the interior species will subsist upon land which stuke the most economic of the interior species will subsist upon land which stuke the most economic of the interior species will subsist upon land which stuke the most economic of the interior species will subsist upon land which stuke the most economic of the interior species will subsist upon land which stuke the most economic of the interior species will subsist upon land which stuke the most economic of the interior species will subsist upon land which stuke the most economic of the interior species will subsist upon land which stuke the most economic of the interior species will subsist upon land which stuke the most economic of the interior species will subsist upon land which stuke the most economic of the interior species will subsist upon land which stuke the most economic of the interior species will subsist upon land with some redecidedly in favor of the interior species will subsist upon the find a purchise.

The advantages of the interior species will subsist upon the sum redecidedly in favor of the sum redecidedly in favor of the interior species will subsist upon the sum redecidedly in favor of the sum redecidedly in favor of the interior species will subsist upon the sum redecidedly in favor of the sum redecidedly it is important to hear this distinct and other purposes, it may be ad been grown upon the same spot laudable ambition by presenting crop, moreover, is less liable to Embassy to China, calculated that

with regard to top dressing—except in cases where you wish the fixperience proves that a decided milch cows, most of which return green crops is fully recognized, but a farm. The more hands we em-

mechanical effect upon the soil, addition of organic matter accumu- at night to their homes, and in pay- the value of the solid and liquid ploy within reasonable allowance, my experiments have been made in now generally allowed to the roots of clover, in rendering the soil more friable and pervious to the ground, whereas by a very a good breakfast to ruminate upon the soil, and the more money we judicious. Pennsylvania, and other sections of overrated. As sure as that "n the over the ground, whereas by a very a good breakfast to ruminate upon ing can come from nothing," so be the rate of actual profits and in heat and air-I would prefer using easy calculation depasturing the during the my long manure in top-dressing to same would exhibit a comparative gers be otherwise than exuberant? nothing but poor manures will be on the other hand indolence, over in every instance the result has ploughing under. In cases where loss of vegetable material, if there Can the sheep-walks over the Southyou have the surface soil washed is any to lose upon a poverty-strick-off, and the barren clay at the surface, it is necessary, in order to get the animal restores more than it servant traveler will not fail to fire, it is necessary, in order to get claver to take to make a soi!, which can be done in no way so cheaply, nor so quickly, as by the application of stable manures ploughed under. In all other cases I prefer the top-dressing. The notion that the top-dressing. The notion that the same quality must be directly. The idea that amples to the editory. The idea that support to the country. The idea that support to the country. The idea that support to the support to take to make a soi!, which is ervant travelier will not fail to refuse to surrender what they have disasters.

It has been my policy, as an English landholder, to have long adjusted the variety of the ressons for drilling servant travelier will not fail to receives, or combines the articles of mark the broad acres of turnips, already appropriated, so that the united to the stable whether the surrender what they have disasters.

It has been my policy, as an English landholder, to have long adjusted to the valleys and water courses of but little to recommend it; whereas the valleys and water courses of the valleys and water course of the valleys and water courses of the valleys and water course of the valleys and accumulating servant travelier with the series to the disasters.

It has been my policy, as an English the without the valleys and accumulating servant travelier what they have disasters.

It has been my policy, as an English the without the without the valleys and accumulating servant travelier what they have the disasters.

It has been m the strength of the manure is lost the same quantity must be directly by well supplied during the winter is almost worth as much as the interest of the same quantity must be directly by well supplied during the winter is almost worth as much as the interest of the same quantity must be directly by well supplied during the winter is almost worth as much as the interest of the same quantity must be directly by well supplied during the winter is almost worth as much as the interest of the same quantity must be directly by well supplied during the winter is almost worth as much as the interest of the same quantity must be directly by well supplied during the winter is almost worth as much as the interest of the same quantity must be directly by well supplied during the winter is almost worth as much as the interest of the same quantity must be directly by well supplied during the winter is almost worth as much as the interest of the same quantity must be directly by well supplied during the winter is almost worth as much as the interest of the same quantity must be directly by well supplied during the winter is almost worth as much as the same quantity must be directly by well supplied during the winter is almost worth as much as the same quantity must be directly by well supplied during the winter is almost worth as much as the same quantity must be directly by well supplied during the winter is almost worth as much as the same quantity must be directly by well supplied during the winter is almost worth as much as the same quantity must be directly by well supplied during the winter is almost worth as much as the same quantity must be directly by well supplied during the winter is almost worth as much as the same quantity must be directly by well supplied during the winter is almost worth as the same quantity must be directly by well supplied during the same quantity must be directly by well supplied during the same quantity must be directly by well supplied during the same quantity must be directly by well suppli applied as top-dressing is, I think, heart, for this would be at once to growth of thyme and other redolent grass on the Cotean des Prairies to ask any 1-ivileges which they strong enough for the vigor of the erroneous; at any rate what is lost deny to the profitable investment of herbs which give distinction and presents a remarkable instance of would deny to the profitable investment of herbs which give distinction and presents a remarkable instance of would deny to the profitable investment of herbs which give distinction and presents a remarkable instance of would deny to the profitable investment of herbs which give distinction and presents a remarkable instance of would deny to the profitable investment of herbs which give distinction and presents a remarkable instance of would deny to the profitable investment of herbs which give distinction and presents a remarkable instance of would deny to the profitable investment of herbs which give distinction and presents a remarkable instance of would deny to the profitable investment of herbs which give distinction and presents a remarkable instance of would deny to the profitable investment of herbs which give distinction and presents a remarkable investment of herbs which give distinction and presents a remarkable investment of herbs which give distinction and presents a remarkable investment of herbs which give distinction and presents a remarkable investment of herbs which give distinction and presents a remarkable investment of herbs which give distinction and presents a remarkable investment of herbs which give distinction and presents a remarkable investment of herbs which give distinction and presents a remarkable investment of herbs which give distinction and presents a remarkable investment of herbs which give distinction and presents a remarkable investment of herbs which give distinction and presents a remarkable investment of herbs which give distinction and presents a remarkable investment of herbs which give distinction and give distinction and gi erroneous; at any rate what is lost in this way is more than counterbalanced by chemical action in the formation of nitrates. A strong proof of this, is the fact that "wheat straw (recommended by your valuable correspondent, "A Learner,") when spread in thin layers over wheat or grass lands, will produce the most astonishing improvement;" and the fact that the smallest quantity of long manure, spread over wheat in winter on the response over wheat or grass lands, will produce the most astonishing improvement;" and the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quantity of long manure, spread over wheat in winter on the fact that the smallest quant I must here close this long and little, I trow. The argument howhastily written communication, and ever is intended to apply to limited air may be supposed to contain from having been raised on their market, our planters are encouraged freezing and thawing, by we can borders. How many years will improve the supposed to contain borders. How many years will improve the supposed to contain from having been raised on their improving market, our planters are encouraged freezing and thawing, by we can borders. How many years will improve the supposed to contain the united air may be supposed to co numerous readers, for intruding my because there is much reason to ter in the shape of effiuvia, and the clapse before the resemblance may with fairer chances than by all of r causes crute nations upon them. I can believe that in the world-wide arground would be naturally porous become heightened by traces of years; and a liberal system of combined."—Genes only say, that so long as you have rangements of Providence, animals from the peculiar character of its

A few words, Mr Editor, upon rious degrees of impoverishment, their monotonous life by allowing supply of nitrogen manures. Like culties. But it must be confess d ject about the time of cipening, viv. the subject of trench ploughing, and and we are now treating of forlors, them a hite within a stubble ess a wild youth who thrives in spite that every occupation or business. —Rust, Scali, &c. In short Flook closure, or elsewhere; but there is of his eccentricities and dissipated of life it left to itself and out the time of cipening, viv. top lressing & I have done. Where hopes.

closure, or elsewhere; but there is of his eccentricities and dissipated of life is left to itself and untram upon it as one of the greatest instruction ploughing may benefit one. It has become an axiom, that no question among the most exhabits, the example is a dangerous melled by restrictions, political or prevenents in the culture of wheat soil, it proves injucious to another, land will not bear continued crop- perienced herdsmen, that whether one to be paraded before us with social, will naturally fall within the in modern times, and I am well satunless done by sight gradations and ping unless it receives compensation for losses sustained. This nally the shamlles, rest in clean ures. The forest land of Prince compensation may come partly well ventilated salls is preferable for the forest land of prince compensation may come partly well ventilated salls is preferable for the forest land of prince compensation may come partly well ventilated salls is preferable to exercise in the open air. And banks of the Lewer Nile and Ganest upon farming investments will mers, is a fair and unprejudiced. be improved by trench ploughing, wheat is turned under—parily from yer I doubt whether the force of ges, need not despair of continued correspond with that of capital distribution and even renovated. But the lands below the surface, as when gases habit, the apparent convenience of blessings as long as population rected to other ventures. If one in this part of the country would are snabled to extricate themselves pasture, and man's instinctive love keeps pace with vegetation in the talent will produce one talent, three be much injured unless fertilizing from the subsoil by deep ploughing of liberty in his own person, will Upper Country. There can be no may be expected to produce nine Reasons for and Advintages of manures were used in proportion to —or partly from extrancous sources, permit him to yield his antiquated kind of difficulty in accounting or their equivalent, the extent of Dvilling. the quartity of sub-soil brought up as by district deposites, manures, notions to modern suggestions on for nitrogenized mud descending progression being limited by the Dr. Fothergill says: "Of our In the one case you would bring &c. The waste committed by an-the subject. Few perhaps will ob- from higher eminence that the ability of any one household to medern improvements, the introno, by de p ploughing, a rich imals is evidently not restored by ject to pay a higher tax for the lux-dressing of mineral manures, and their excrements, for a very large union than the necessaries of life, be of secondary or terms feetually. But what gives pre-generally been allowed to be the In the other a barren clay, destinte amount consists of carbonic acid and if it is a source of satisfaction from A distinguished author says, commence to this business, is the most important. —Com. B. and of of any improving quality or at least gas, which is more disposed to mix to the lovers of the romantic to — Cocoa ants, breadfruit, and other comparative independence which agriculture, vol., 4, p. 150. in such small portions as to be indulge their fancy, and to assoneutralized by the larger portion of dent in productive matter.

The only way in which I have is even objectionable to allow weeds in the following the following that the reader, that a plant is that when should be sown in drills; ever succeeded in trench ploughing, and other products to decompose mote it be; but farming is business, in swamps or everglates, and often known to grow in a ratio proportion of one gets a better crop, and it is has been by the application of manon the surface where they grow, and should be studied in its sober amid volcanic debris of which it prenot so hable to rust. We have it.

cable. Observation teaches practical In our ordinary method of farm- and this is one, both as respect men to distinguish between ranges ing may we not expect too much soil and climate. The Merino RECLAIMING WORN OUT LANDS.
To the Editor of the American Farmer.

Sir, —What can be more inter
Sir, —What can be more inte cept it be a choice of two evils, one once for what it will fetch, or give successors in quality, if in quantity, pings I verily pelieve were of more ing used your patent. Wheat Drill them; and why crops prosper better

trogen is one of the constituents.

are marked by nature as favorable;

ensure success in any pursuit, by manifestly not so nable to injury by studying its details in after-life un-the drough, weeks der better auspices. R. S. W.

THE above figure represents same movement; thereby saving lodged on the ground,"-Jethro

Washington Co., D. C.

sents to the world around it, in oth- smally recommended that the drills

to ask any r-ivileges which they strong enough for the vigor of the

years; and a liberal system of com combined."-Genesa, armer, and

but "It is not liable to rust," says Ellsworth's Report.

6th. It is not so liable to lodge, That wheat does not lodge by rea-Gatling's Wheat Drilling Machine, son of its weight, was proved by my which as regards simplicity and whole crop last harvest, and particeffect, has no equal in this country | ularly by the measured acre, the

tion in mind, because there are 7a- tantageous occasionally to vary from time immemorial, without any unusual disappointments and diffi- those diseases to which it is sub- the saving of seed alone in China,