carbonic acid, which is one of the most essential ingredients to vegetation. Soils are therefore usually improved by chalk or carbonate of lime.

But we find that different kinds of vegetables require different kinds of soil. Thus rice, a moist retentive soil; while wheat, a firm, rich soil; and potatoes, a soft, sandy soil. Forest trees are said to grow better in fine sand than in stiff clay, and in fact, light furiginous soil is said to be the best adapted to fruit trees.

But what is going to be the object of manur-

ing! says one.

We find that manure consists of all kinds of substances, whether an mal or vegetable origin, which have undergone the putrid fermentation, and are completely decomposed, or nearly so, into their elementary principles. Now the great object of supplying the soil with those decomposed substances seems to be, to furnish vegetables with the substances which enter into their composition. For manures are found not only to contain earhon, hydrogen and oxygen, but their decomposition supply the soil with those principles in their primitive and elementary form. And I might add, that it is doubtless for this reason that the finest crops are produced in fields which were formerly covered with woods; as this soil is said to be composed of a rich mould abounding in those principles; and also accounts for the fruitfalness of the crops produced in this country immediately subsequent to its being covered over with unbroken forests.

But again: It seems to be a query with some, why animal substances are deemed superior to others for manures. Indeed, it does appear the most natural, far, that the decomposed elements of vegetables should be the most appropriate to which constitutes the chief difference between animal and vegetable matter, renders the composition of the former much more complicated, and consequently much more favourable to decomposition. The use of animal substances is chiefly to give the first impulse to the fermentation of vefermentation that will not make good manure.

The heat produced by the fermentation of manure is another circumstance which is extremely favourable to vegetation, but this heat would ground in the height of fermentation-it is used

Since all organized bodies in the common course of nature are ultimately changed and reduced to their elementary state, they must necessarily then enrich the soil, and afford food for vegetation. Now, then, it is not fully under- in the day of God." stood by many how it is that agriculture, which

inciples to their own use, to remove the stones ; heart." which might impede the growth of the plant, &c., we may obtain a produce a hund.ed-fold more and and than the earth would have spontaneous

In conclusion, then, we find agriculture to priveral principles, either from their grand original sources, air or water, or the decomposition of orgatized bodies, and in appropriating them in the et manner for the purposes of vegetation .-

Cor. of N. E. Farmer

Literary.

Judge Marshall's Concluding Letter, TO THE REOPLE OF NOVA SCOTIA.

REMEDIES AND CONCLUSION.

which the reader is reterrol, as being appli- I yand who have fully investigated the sub- State; but who all along demonster readily show, that such a comparative mode

plants, from their containing a great quantity of cable, in support of the position here taken, ject, the only adequate and available reme-taining the truth, and the whole truth, on ton, one church became so famous for the nities and religious denominations, why not feandidly and diligently sought after; and if number of reclaimed characters who attend- in all; and if in communities, why not in requisite, be fully and faithfully declared ed it, as to acquire the name of The Reform- nations? As regards this remedy, there is without any subserviency to evil customs, or church has reaped richly from the spread of does not apply in the other, with equal pro- selfishness; or that "fear of man which total abstinence. The Wesleyans alone, be- priety and force. That the social embar- bringeth a snare." were joined by above 5000 persons. Every denomination of Christians, that displayed activity, at the time of sowing, reaped abundantly the religious fruits of the temperance tioning his former distress, at his church bedrunkenness of the parishioners, goes on to say:-" By the formation of a total abstinence society, how has the scene been changed, within a few months! Now, there is scarcely a drunken man to be seen. The church is crowded with attentive and wellclad hearers."

The Rev. Mr. Reid's "Temperance Cyc-Mr. Burns, the minister of Kilsyth, says, -

still more extensive good off ets have a flow- sensuality, paids and fully, seef immunerable nations. in larger places than before."

in the United Kingdom, several remarks are bouring and poorer classes of the United or religious seets or denominations; or poli-effered, and facts and testimonies given, to Kingdom. It is, indeed, as neknowledged tied or other parties, either in Church or standards of truth and rightcourses, will

that "total abstinence promotes religion." dy for effecting those greatly needed and de- every subject; and of exhibiting it without A few other facts and authorities, on the sirable purposes. If the blessings described, any concealment or improper colouring. The same subject, may be appropriately added. have been secured in so very many instan- truth, on every subject, worth investigation. One valid work, already frequently cited, ces, by the progress of that benevolent work, or inquiry, is always more or less valuable. contains the following instances. - "In Pres- why not in more? If in so many commu- and, on every such investigation, should be ed Drunkard's Church." In Cornwall, the no reason applying in the one case, which habits, to pride, or prejudice, corruption, or

tween the Conferences of 1837 and 1839, rassments and evils of the labouring classes, In essaying to write on the social condigenerally, and partially also of the middle tion of the United Kingdom, especially as orders, in the United Kingdom, are particular regards the labouring or poorer classes, comlarly severe and complicated at the present posing the bulk, and, in reality, the most imtime, all who have investigated and reflect- portant pair the population it was essenseed." The Rev. H. G. Graham, a vicar ed on the subject, with any good degree of tially requisite, that he should give particuat a place near the Land's End, after men- attention and candour, among writers and lars, on the subjects of wages, crime, and others, very readily admit. They have not depravity, pauperism, and other important ing almost entirely deserted, through the been exhibited in the course of these letters, points, affecting that condition. It is deemwith any degree of exaggeration; and the ed, also, to be especially appropriate, or even writer may safely assert, that he has not requisite, to exhibit and explain, the leading offered any remarks, as pointed and express or principal causes which have produced, sive of the afflicting nature and the extent and are still continuing those embarrassing of those evils, as those contained in several of and afflicting evils; and further, it cannot, the extracts he has given from the writings surely, be thought exceptionable, that he of some, among the most respectable and should have endeavoured to suggest, and to truthful authors, within the Kingdom itself, enlarge upon, some of the principal remedies lopædia," which has been already cited, con- It must, surely, be admitted, that the pros- or means to be applied, for the removal or tains the following, among numerous other perity and happiness of a country, or its op- mitigation of those evils, by removing or ditestimonies to the same effect :- "The Rev. posite circumstances, are to be ascertained minishing their causes. If pointed and and determined, by a reference to the bulk faithful exposures of public corruptions, opthe revival was considerably helped by the or masses of its people; and not from a view pressions, or abases, had not from time to the formation of new vegetables. But the addi-tion of a much greater proportion of introgen, into the parish." "Mr. McDonald, after How, then, it may be asked, can the popu-sions required, there would have been no stating that the increase of members of so- lation at large, of any Empire or Country, "Magna Charta of liberties;" no "Bill of ciety, in the Cornish district, among the be said to be prosperous, comfortable, or Rights;" no abolition of "Star Chamber," Weslevans, during one year, was 4730, adds, happy, one-tifth of whom, are either in absoland other oppressions; no civil rights declar-'I have made careful inquiry, from those late pauperism, as public burthens; or in cd and secured, as in the time of William competent to form a judgment, and the result deeply depressed and impoverished circum, and Mary; no commencement of religious give the first impulse to the termentation of vergetable ingredients that enter into the composition of manures. The manures of the farm yard that many hundreds of the new converts, case in the United Kingdom;—and while withstanding the courageous labours and exare of this description. But there is scarcely any have been led to serve God, from an aban-such wast numbers, are annually fleeing posures of Luther and Mohanethon, Calvin substance susceptible of undergoing the putrid donment of strong drinks." "The Rev. away from it, and greater multitudes of and Beza, and others, the rewould have been Dr. Geo. F. Rvan, says :- Not a few who others would follow, if they could find the no completion and establishment of that rewere once ieffdels in principle, and who lave means for escape? How can any people formation in Britain, had not our own Cranentered our societies as tectotalers, have been be said to be generally neved and vivious mer, and Latimer, Hooper, Ridley, and be too great if the manure were laid upon the won by the truth,—have sought the long for- among whom, netwithstanding increasing re- Knox, with many other zealous and detersaken sanctuary of God, and have become ligious means and appliances, crime has in-mined advocates of the truth, made similar new creatures in Christ Jesus." Some cross I more than five told within 50 years exposures, and with similar boldness, zeal, such, are even now, in happy and honorable past; and, therefore, far beyond their name- and energy. Those who object to plain and connection with the churches of Christ, and rical increase; -while so rauch drankenness faithful exhibitions of predominating evils will, I trust, be the crown of our rejoicing is still prevaiting; and while juvenile depra- and corruptions, and wilfully shut their vity, female proffigury, and general immo- eyes to their existence, or refuse to assist "The Rev. Newman Hall, A.M., of Hall, rality, in every form, have, also, in recent in any way to remove them, cannot be stood by many how it is that agriculture, water cannot increase the quantity of those elements says:—Several members of my church were years especially, been rapidly increasing; considered as genuine patriots, or possessed that are required to manure the earth, can informerly plunged in the worst kind of infi- and now so greatly abound? How can of a spirit of enlightened benevolence. that are required to manner the earth, can increase the crocket is a worderfully, as is fearly plunged in the worst kind of infinite the case in all enlivated countries. We find that it consists chiefy and simply in suffering until grappled with by total abstinence—that it consists chiefy and simply in suffering until grappled with by total abstinence—that it consists chiefy and simply in suffering until grappled with by total abstinence—that it consists chiefy and simply in suffering until grappled with by total abstinence—that it consists chiefy and simply in suffering until grappled with by total abstinence—that it consists chiefy and simply in suffering until grappled with by total abstinence—that it consists chiefy and simply in suffering until grappled with by total abstinence—that it consists chiefy and simply in suffering until grappled with by total abstinence—that abstraction of the soft while these principles to remain inactive, but the best education or for that or the particular sec i which is to be sown. Thus, if the soft be too cold, it may be warmed by sacking line upon it; if too bose and sandy, it may be until to their spiritual interests not only made years by the addition of lay or loam; if too bose and sandy, it may be earliched by calcarcous earth or chalk. On soils thus improved, manures may act with double effect, and if attention be paid to spread they not the paid to spread the provider of the surface of the surface of the graph of the paid to spread the provider of the surface of the surface of the surface of the graph of a spiritual decision. They may, rather, be regarded in the life of the several distinctions between good right of the sock and the provider of the several distinctions between good and of the first several distinctions between good and the first several distinctions between good and the first several distinctions between good and of the several distinctions between good and the first several distinctions between good and the first several distinctions between good an them ever the ground at a preper season of the attention which was, in vain, solicited during forms of devotion; but are und, in practical not immediately answer the purpose intend-year—to mix them well with the soil, so that they the day when they were wedded to their infielding, professors, and the nest debas-jed, most probably, it will assist in doing so, may generally be diffused through it to destroy | cups; and some few of them, have afforded | ing and rainous circs; and, probably, as at some future period; and may, also, serve, the weeds that might appropriate these muritive | no dubious evidence of a radical change of | many more, are either grossly superstitions, | in the way of warning and restraint, on other or careless, hypocratical or termed: and like occasions; and with reference to other pub-In America, similar, and, it is believed, those first alluded to accompete the vice or he characters, and other communities or

ed the temperance movement. One partor, other cylls, century both to the spirit and It has been already intimated, that the in commenting on the addition of 120 to his letter of gapains. Christianity. They may facts and remarks contained in these letters, own church, remarks: -- Tempercuer and the, and nost pullable are as a people, com- are to be understood as being of a national, marily consist in thus preparing the soil for the own church, remarks:— Temperance and he, and may the as a proper, come are to be understood as being of a national, growth and development of the plant,—in disc religion go hand in hand. The most about paratively, 1 - in 1 ion proclame, and importance, and importance and inspecting the religion go hand in hand. The most about paratively, 1 - in 1 ion proclame, and importance and inspection and applications the religion go hand to intoxication are reclaimed; clausely moral than there exists a first make are proper to compare and measure members see the light, acknowledge their other cutilized memors of the earth, but make, are prone to compare and measure errors, and espouse the cause of temperance. Insorted to the test of truffered right case themselves with the people of other countries; and witness that they experience a new and the stand depleted by vertice and defended, but their feet stand depleted by vertice and defended. larger places than before."

Should any passes of larger places than before. Should any passes of larger places than before of larger pointed type ages made in the selectors, as or funcied superiority; and thus, partially, importance than those which have now been being uneraled for, and improper, the first if not entirely, overlook, extenuate, or deny, enumerated, might be specified, as having point to be determined, is, as to their truth, their own vices or defects. It is probable every where followed from the progress of the any of the state of its or remarks can be enough, that because the English and Scotthe abstinence reform; but those which have 'refuted, or explained away. He is be depte, but tish people, on some such comparisons, may been explained, ought to be quite sufficient the writer is perfectly at case, as to any at- either truly find, or boldly conclude, that irto convince the most adverse and sequical, tempt of the kinel; being fully assured of religion, and superstition, vice, and immoralthat more than all other means combined, their trade and accuracy. He can sincerely ity, sensuality, and selfi-hness, vanity, and the prevalence of that reform will ensure assert, that in emposing these letters, he dissipation, are not so prevalent among them, has not been a traced by any feeling of hose as almong the people of some other countries, In the concluding part of the tenth of these sive alleviation of others, of the manifold tility, aversion, or unkindness, towards authat, therefore, their religious and moral Paters, which treats of the state of religion evils now oppressing and afflicting the last thorities, or institutions of any description; condition is not so very defective as it is in

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