distinct effect was produced on the grass it grew with much more luxuriance than the grass in any other part of the garden."

There are many substances on every farm, which, while in themselves enrich. may be made up as law as November. ing, may be profitably mixed with the manure, to absorb and retain those volatile portions which arise from the process. of fermentation.

The first material I shall name, 13 swamp mack. It may be truly said, that the farmer who owns a muck hole of good quality, and knows how to use it, is possessed of a mine of wealth which will surely render his farm productive and profitable. I speak advisedly upon this subject, having used the article for saveral years in every variety of form. I say, without fear of argument or contradiction, that a compost, properly made. of two loads of muck to one of good, fresh manure, is equal, in its effects on gravelly or sandy soils, load for load, to green manure.

In order to manage muck to the best advantage, the farmer should so contrive matters as to get a year ahead with his manure, so as not to be obliged to use it until his compost is fully ripened. In my opinion, formed from repeated trials, the noxious acids must be fully expelled from the muck by age and fermentation, to reap full benefit from its application to the soil.

August and September are generally the most favourable months for digging muck. First, then, the swamps should be thoroughly drained—there should be no half way work here, for the benefit to be derived from it will fully warrant the undertaking, even if considerable expense is necessary. When drained, commence; carting the muck to a suitable and dry spot on the field where it is to be used. Lay the cart loads of it in two rows, as . long as the heap is to be when finished, with a space say of six or eight feet between. First spread down of the muck on each side, into the space between, a layer, ten or twelve inches tinck, and then haul on the manure from the winbed and tip up the cart to save labour, i bushels. for reasons presently to be given-anothe workmen tread on it. For the same i reason the heap should not be balt too their rotting down thoroughly.

upon the spot exposed to the influence sooner or later, after it is made up, acof the matter disengaged in fermentation; cording to the weather or season of the year. It is proper bere to remark that the summer months are most favourable for making up the heaps, although they In this case, however, a greater proportion of manure must be used, and the heaps will need to be saovelled over the next April to fit them for spring crops. I have also composted muck both with hino and asnes, when the quantity of dressing for my land was not sufficient from my muck and manure compost. Last season I made a compost of sixty one-half cords of muck, and six casks of lime, seven bushels to the cask, and applied it to a field of ten acres of corn, using the manure compost as far as it would go, and then the time and muck. The corn compared favourably, on the part of the field dressed with the lime and muck, to that where manure and muck was used; the whole field averaging a little better than sixty bushers per acre. I have also found that five or s x busnels of ashes to a half cord of much, makes a compost equal to either of the others. A load of leached asires to six leads of muck, is also a good compost for sandy

In applying these composts to the soil, I have found, after trying it by spreading on to the grass ground, before breaking up and turning it under the whole depth of the furrow, and also by spreading on ; top of the furrow, and harrowing it in, that neither way was nest. It is unlicult to bary thirty or forty loads per acre saificiently with the harrow, and turning it down to the bottom is too deep. I turrefore do my breaking up late in the Fall, -say in November. The trosts of winter completely palverise the surface, and I have a clean bed to work upon. The compost is then spread, thirty to forty loads per acre, and harrowed first, and then covered three to four inches with the plough. This I can easily do, as I always break up my grass land from six to nine inches deep, varying with the dows, driving up to the ends of this bed, quanty of the land. By this mode of and throwing in from the cart on to it a practice, my corn crops always average layer, say eight inches thick, of manure has nigh as sixty busicles per acre, and on -the workmen should not drive on to the my best land sometimes as high as eighty

Having now given my experience with ther layer of muck, shovelled on from composts, I have something to say of the each side, and then manure, using two barn-yard. And by the way, Messrs. loads of muck to one of manure, and so Editors, now many yards you will see on until the heap reaches about five feet upon a side hill, with perhaps a brook in height, the last covering being of much. Frauning by or near the lower side, where Care should be taken to lay the compost all the cream of the yard runs to, benefitup as lightly as possible, in order to selling nobody knews who. Instead of this cure perfect fermentation. The team kind of management, the yard should be should not be driven up on to it, as we made considerably dishing towards the have seen farmers do, nor should even centre, and the sides will then be dry to walk around. A good supply of muck should be hauled to the yard in August high, as the pressure upon the bottom or September, where, if the yard is shaped

The compost gets into a general heat until wasted. The yard should be cleaned ; out after having the next season, and the contents laid up in square compact heaps on the field white wanted. The loads should not be tupped up, to save work, smawling five or six loads over a quarter of an acre, exposing a needless surface to evaporation, but nicely laid up; the straw and stalk litter and the hunds of the yard among the muck, will ferment it strongly, and the next spring it will be a black, tree mass, and spread like garden mould.

In addition to supplying the yard liberally with muck, a quantity of leaves may be gathered, late in the tall, and used for bedding the cattle. Some farm. ers, instead of this, lay the planks of the cattle stalls with an opening between them of about one-half inch, and so arranged as to be easily taken up. Two feet thick of muck or loam, is put under the floor, and in the spring it is excellent manure.

The hog-pen is also an important help in making manure. Four or five hogs will make from April to December at least thirty loads of most excellent compost, if properly attended to. In fact it is a business which they seem fully to understand and appreciate. The hog yard should not be extended over too much ground, as there will be a loss by evaporation attending it. The yard should be in as small a compass as practicable, and two or three loads of materials put in at a time. As often as once a fortnight, holes should be made in the manure with an iron ber, and corn dropped rate them. By attending to this operation, the hogs will work the compost over from top to bottom.

Every farm has not muck upon it, but every fara, has something in the shape of enriching materials whi a may be pro-' finably carted to the yards. Rich turf, kill the grass roots, so that in the spring | thickly matted with grass roots, and dug about two inches deep, is an excellent material with which to cover a yard. 1 The accumulation of leaves and vegetable mould in the hollows and at the foot of hills in woodlands-the accumulations by the sides of stone walls and fences in the lots, are also good. Every observing and enterprising farmer will find something on his farm, with which he may profitably increase his stock of manure.

I think that observation will fully justify me in the remark, that the farmers of New England might generally double the quantity of their manure heaps, without detraient to the quality, by attending to the collecting of those substances to be found on every farm, which, while enriching in themselves, absorb and retain much of the liquids and gases of the manure, which would otherwise run to F. HOLBROOK.

Braitleboro, Aug. 17, 1847.

From the Albany Cultivator. SUBSOIL PLOUGHING.

We have often expressed the belief courses will be so great as to prevent right, it will absorb all the liquids and that the practice of subsoil ploughing wash of the higher parts, and retain them | would be attended with great advantages