... Correspondent of Cultivator.

over the drills, that the plants could find their way through it. [soil and change it to a fine fertile would .- Ev Cot., FAx.] Onis regetates very early, generally, when not more than three inches of the surface is thawed, but it frequently stands for a month after it appears above ground without any apparent increase of growth, in a cold backward spring; yet in such a season the plants that are upon ground covered with straw will have leaves two isches broad when the second leaves have not appeared upon those which stand on naked land. The parsnips will be brought forward The ground which is thawed to the depth of no other place that needed it so much. wil beneath it, and which, when it freezes again, crushes the bark prove serviceable. being left but the woody part of the leaves they bend to the ground forming a covering for the roots through which the heat of the earth will not readily escape, and through which the warm wind of a winter rain storm will not easily penetrate to thaw the ground when it were better it should remain frozen. The covering with a material that is a bad conductor of heat must be of use to the grass crop, even if it should not furnish much manure as it detayed This is the reason that a small portion of the manure that is given to land for potatoes or other root crops, is sufficient to produce a large crop of hay when applied as a top dressing. It not only furnishes food to the roots, but serves also to keep them warm, and to keep the soil loose and mellow. All naked ground is always found to become hard and compact in summer, but a covering of stones, leaves, straw or dead grass, always keeps it lose and light, like the soil of the forest covered with dead leaves and moss. Nature itself points out to us, that land which, like grass land, is not kept mellow by stirring it, should have the surface covered with half decayed vegetable matter to preserve its lightness, heat, and moisture; for the land in woods, which invariably has a covering of this kind, never grows less fertile; but a thin gravelly soil has been so much impoverished by fallowing for a summer that manure at the rate of the description of the well, as made it as good as it was before it well, as both heat and moisture readily pass from a naked good, but they do not soil, so turned up, will not give the crop a start, and your manure

muster immediately after having, and in a few weeks the differ- ! go off without bearing with them such part of the fertile principle and that of the adjoining part of the meadow, was so manifest that a one could doubt the utility of the practice,—in the one case that of the grass started quick and grew rank and thick, and in manure with a large quantity of dead regetable matter. The best the other the growth at the end of two or three weeks was materials are, generally, weeds, straw, rotten leaves, and grass hardly perceptible, and I am told by a Long Island friend, that sward from the bottom of ditches. The dead turf from a burnt the crop will be more enhanced at the second mowing after the application than the first. What is the rationals of the thing I pre- barren is also a good material; and when nothing better can be tend not to know ; I merely state the facts of the case. And yet, procured, peat earth should be used, as it will do service by retain-Mr. Editor, how common it is to see great heaps of straw about ing the fertile part of the soil from evaporating, and preventing the the barn or in the fields, left there to rot and become a nuisance, grass from being injured in winter, although it may furnish but intend of adding, if properly applied, from 50 to 100 per cent, to the crop,—and this species of manure is so much more easily and little nutriment to the crop. For grass on a swampy soil, which cheaply applied, two loads being sufficient for an acre, whereas i is generally too moist, the manure should be mixed with earth; from twenty to twenty five of barnyard manure would be required. I the best is that which is washed from roads to the bottoms of hills, some of which needs no addition of other manure, but even the The straw in the experiment detailed above must have served to | gravelly soil taken four feet below the surface is useful on a drainmake the ground warmer and lighter,-it has been used to cover | ed awamp soil; by its frequent and great changes of temperature, gound sowed in the fall with ceris or paranips, leaving it so thin sometimes very hot, then cold, it helps to decompose the awamp

From the Central New-York Farmer.

ON THE APPLICATION OF MANURE.

For the fore part of my life I was not a farmer but a mechanici I quit my trade and commenced farming about twelve years since. After farming the first year I had remaining about my barn a quantity of manure. In the latter part of the season I made some inquiry shout-using manure upon meadows after mowing, but got is the same way : covering. Grass is often much injured by frost | very little or no encouragement about using manure in that way. in a broken winter, when there are frequent rains and thaws after | Being res lived to apply the manure to my maadows, and having the ground is frozen. The ground which is thawed to the depth of ano other place that needed it so much. My farm, the principal two or three inches fills with water which cannot pass the frozen part of which was rough and quite new, was unsuitable for mowing, and my meadow ground had been very much injured by ploughing, so much so that my crop of grass was very light, of the roots by mechanical force, as it bursts casks, its bulk at the scarcely worth mowing. In the month of August, before I had done moment of freezing being suddenly increased by the great quantity | mowing, in rainy or wet weather, I employed my hand in drawing of sir that is formed at that instant. A covering of straw would about twenty leads to the acro, and spread all over the ground; present the ground from thawing so frequently, and in this way in a few days I begon to see the benefit by the dark green appearance When the aftergrass is not fed off, but per- | which it presented. The part so innurred was very soon excellent mitted to decay upon the ground, we do not see the grass injured | teed during the rest of the season, and the next year my grass for by the winter. As the leaves decay, the junces retire to the root, mowing was very good, about as stout as it could stand, averaging repdering that and the covering of the buds more solid, till little | much the same for about three years, and was passable many years. I have practised ever since putting mov manure on the swardground (in preference to ploughing it under) either spring or fall. The benefit I receive by applying manure in the fall, consists principally in the increased quantity of fall feed.

After this experiment I soon began to see my neighbors drawing their manure on in the same way, and in my neighborhood at is scarcely used in any other way. For my part, I consider it the best way entirely to use the manure on the award for pasture of meadow. During my experience, which has been twelve or thirteen years. I have never failed of a good crop-from manure, drawn on any time after mowing, till the last of April the next spring's and by this mode I get my land enriched by the manure upon the and, the use of which cannot be lost, as some say it is, by ploughing under deep, about which there is some reason to contend. But to settle that, we will propose when you wish a good crop, plough a piece of ground already enriched by manuring upon the surface. and you will raise any crop that is common for the soil of your land. I would add that the loamy soil of our hill land, is generally adapted to grazing, whatever grade of soil it may be,

I would not wish to be understood that this is the only method of manuring land. Manuring in the hill and manuring before ploughing does good, but not so much in proportion to the quantity of manure. Applying it to the hill you will readily see is a slow and more expensive way with only the same benefit, and requires more of the manure. But ploughing under to the depth of from seven to nine inches, will not answer in this hilly country, for we might as well-plant corn on clay from the bottom of the well, as

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