too rich, and if sown to grain it all lodges, the straw is almost worthless, and the grain does not fill If potatoes is the crop, one will have a good growth of vines and a legion of small potatoes. If grass land, the grass where the gion of small potatoes. If grass land, the grass where the heaps lay is all killed out, and in return noxious weeds

heaps lay is all killed out, and in return noxious weeds core in.

In building barns many make a mistake by not having more room in the manure cellar. It should be at least nine feet high—ten is better—with trough shape at the bottom, and cemented so as to preclude the possibility of losing the best of the manure. The stable should be 16 feet wide, so as to drive in with muck or other absorbents, and there should be a space back on the trench, three feet wide (like a bin), and 3 or 3) feet high, for storing absorbents. With such a stable, where the cows are kept in at inglits, the year round, and the manure applied in the fall, instead of having a farm running down, it would make one smile to see the increase in the crops. Who says my way is not a good one.

rowed into the soil to intermix the two completely, and then ploughed in. But there are very few cases where this will be of use. The muck must be black, and the vegetable matter well decomposed; if brown and fibrous, it will not answer; the more nearly it resembles the leaf mold of upland woods, the better it is for this purpose. The vegetable matter which constitutes swamp muck is more imperficilly decomposed and disintegrated under water than the leaf mold of upland woods, and at the

the manure is rich and solid; and where the muck has had clay washed into it while forming, less will be required

had clay washed into it while forming, less will be required than when it is exclusively vegetable.

To save labor in mixing over compost heaps, they should be made long, and rather flat, and then the working over may be done with ploughs and harrows, drawn by even for horses, by throwing the material alternately out and in.

In using muck for littering stables, it is especially insportant to have it dry. Wet muck is had for the animals to stand or lie on, freeze saily, and absorbs little or nothing, after being previously filled with water. Here is the secret of so many partial or total failures in littering. Anyone can easily imagine the great difference in value between a mass of muck already scaked with water to repliction, and another mass where all this water is replaced with an equal amount of liquid manure. The difference is so great as scarcely to admit of comparison. value between a mass of muck afready scaked with water to repletion, and another mass where all this water is replaced with an equal amount of liquid manure. The difference is so great as scarcely to admit of comparison.

It is of less value for cattle-yards, because even if dry it

soon becomes wet through by rains from above and absorp-tion from beneath. It is better, therefore, to confine its use to covered sheds, unless easily had in great abundance

How to Use Muck.

The Country tientleman says:—A correspondent informs us that he has a large muck bed on his place, from which already mentioned; and these may sometimes be employed.

"The first instance we shall adduce as to thin seeding is that of Jethro Tull, who about the beginning of the last century occupied a farm or farms of 200 acres of his own, which he cultivated on perfectly novel principles, the first and foremost of which was "that thorough tillage is competent, with or without manure, to secure the profitable growth of any given species of cultivated plant year after year in succession." This theory he carried into practice same time it contains usually more or less of several vegetable acids, all of which temporarily dimmish its value,
in all it at the drawle ks, muck alone will be in
it the use if applied to sills already supplied with enough,
vegetable matter; it will only be carrying coals to Newit hence the reason that so little benchmal effect is
so commany postuced where fresh muck is applied as
a minute. In the instance, however, the terthity has
been increas I where it has been taken from swamps that
have no outlet, into which fertilizing elements have been
washed from soids, or where amous animal matters nave
accumulated. It a ranning stream passes through the
strang, has he it therefore be seen that the varying conditions,
both of the soils and of the muck, may produce greatly
was from one to two class per section.

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It is to try the experiment first on a moderate scale.

2. Muck, in its common wet state, being about sevenrangitals water, it is important to dry it; it for use as an
attention produced of the period of the second showed
absorbed to produce the period of the second show on
an an authentic pedigue. Thus you can be undered account.

The little nace i

divided, in the months of September and October, and planted separately to stand the winter, and this division

Making Sour Hay.—The Austrian system of making sour hay is very simple. It consists in digging long graves or trenches, four feet in depth by six or eight feet in breadth. The newly-cut clover and grass is crammed into the trench and tramped tightly down. When the trench is quite full, so that the contents are a little above the sur-The Country Gentleman says:—A correspondent informs may be advantageously used in forming the compost heap is now drawing out to dry ground, and he wishes to know the best way to apply and use it. In answer we may state that there are three distinct ways, namely: 1, drawing it out and spreading it at once on the land: 2, using it in forming compost heaps; and 3, applying it as bedding for animals in stables, or for spreading in eattle yards.

1. Swamp muck, as commonly seen in a most state, is about seven-eighths water. In this condition it is of little what. There is much to be said on both sides, this is very saide, unless applied directly to land, thoroughly harrowed into the soil to interninx the two completely, and interninx the two completely, and interninx the two completely, and strangeously used in forming the compost heap already mentioned; and these may sometimes be employed with a foot of filter and the contents are alittle above the surface, the whole is then covered up with a foot of filter and the composite heap of potatoes is covered. With advantage to neutralize the acids existing in fresh and these may sometimes be employed with a foot of little with advantage to neutralize the acids existing in fresh increasing in fresh increasing in fresh increasing in fresh increasing in fersh increased with advantage to neutralize the acids existing in fresh increasing in fersh a careful trial of the Austrian mode of preserving green folder.—London Times.

> CLOVER AND WHEAT NEVER BOTH SUCCESSFUL-CLOVER AND WHEAT AEVER BOTH SUCCESSFUL.—Mr. W. J. Towler, a noted agriculturist of New York State, writes:—Clover generally makes a poor growth in hard or baked soil. On heavy land, at least, the mellower and deeper the soil, the better will be its growth. Experience has convinced many farmers that a mellow seed bed, two or three inches deep, resting on a firm and rather hard substratum, is better for wheat than to have the soil mel-

and which it is to my the expanient into an amotherate scale.

2. Minch, in its common wet state, being about a seventegiths water, it is important to dry it; it for see as an eight swater, it is important to dry it; it for see as an early of the intervence of its partial times its weight of light amount, and here lies one of its yabrable qualities. A very common reason of its partial times its weight of light amount, and here lies one of its yabrable qualities. A very common reason of its partial failure or the hitte value found in muck, when used as an absorbant, or in compost heaps, is from this weap rea, in the absorbant, or in compost heaps, is from the leap, and the seal of the partial times in the seal of the seal and the seal as an absorbant, or in compost heaps, is from the leap, and the seal of the seal and the seal