mould with a clay subsoil. Of course I took an agricultural paper, I bought a subsoil plow, and of course the cold clay got mixed up with the top soil, and of course my land was very soon lumpy, and of course the lumps grew coarser until the matter became serious and I sought my neighbors' advice.

"Why, man," said they, "you work your land too wet." In vain I asserted that I did not-that I was always behind them in putting in the plow. But my reasoning was unavailing-they had worked this soil for fifty years, and all knew that I worked my land too wet. So I followed their advice and kept off my land till the land became so dry and hard that it was almost impossible to plow it, and it broke up in lumps of enormous size. Three plow-beams were broken in a field where now a single pair of mules plow ten inches deep with ease.

These lumps in many instances had to be broken up with heavy sledges into smaller lumps, and then the most severe dragging and rolling only reduced them to a spherical of baked clay-balls, ranging in size from c'ay-ball it would be dry. grape shot to twenty-four pounders-both! being equally favorable to the germination stands the process of lump-making to appre of seeds and the growth of plants.

mine but seldom any so bad, for very few. I intend to describe in another a ticle. - Gerpersons would have had the like persever. marriaga Tel graph. ance in working land so dry.

After this experience I think myself qualified to instruct others how to make land! lumpy; and if the reader still has any doubt on the subject, I will state more explicitly tended, there has been very little progress. the principal requisites for entire success, on timprovement in siring the blades and stakes soils of clay or loam :-

- over your nelds looking for something to farmers are not compelled, as at the North, eat.
- of the ground is indurated by the sun and in the South, and stock cannot eat the butts wind several inches deep
- exhausted soil at the surface.
- 5. Plow around the field so that the team may turn on the ploughed land.
- drag till the sun and wind have dried the jure the yield of grain. It is not possible furrow slices sufficiently hard. Many per- to have the maximum of plump seed and of sons, who are very successful lump-makers nutritious blades upon one plant. As the is necessary, unless the winds are very strong rates rapidly in nutritive properties. Large and drying, in which case a few hour- may corn growers who have no meadows, either give very good sized lumps it takes about pull off the upper leaves, or cut the stalk the same time as to dry bricks in a yarr just above the cars, before the seed is ripe, Indeed the process and materia's are in to to obtain good folder. As one can gather similar, and brick should never be turned com hay much faster by topping corn
- farmers know how important this is. It is and if cut at the right time, cured and lots near town to

cate my boys. The soil is a rich vegetable a good plan to use a light drag and a young team with a boy to drive. They will go over more ground and pack it much harder. Be sure to cross-drag it, or many lumps half buried will remain beyond the action of the winds and never get properly indurated Drag it repeatedly both ways. At every turn you will observe lumps becoming more numerous and more symmetrical in form. The more they are turned the faster they dry. The rough angles of the masses will be rubbed off as they were jostled about upon the same principles involved in pill-making. By the action of the wind and sun they soon become as hard as stones and are nearly as valuable upon the land. They are as good for a mulch or shade as sound stones, and they are equal obstacles to the growth of weeds. However, as a promoter of vegetable growth the stones are probably the most desirable. They are better conductors and reflectors of heat, and they do not like the lump, rob the soil by absorption of the dews and gentle rains which are so refreshing to plant-life. If we turn a stone we shall find form. The surface was covered with a mass the earth moist beneath it, while under a

Itrustthat the reader now sufficient!, underciate a system which I have adopted for There may have been other fields like, making the land mellow and friable-which

Saving Corr. Fodder.

So far as the writer a observation has exof corn for forage purposes, in the last lifty 1. Haul out your manure on to your fields years. Topping corn, and cutting it up near in spring and fall when the ground is soft. I the ground to increase the folder saved, are 2. Let your cattle, colts especially, roam little practiced in the Suth, partly because to folder cattle six months in a year; and 3. Do not begin plowing till the surface part'v because the corn plant is much larger so well. Hence, it is only the leaves of large 4. Plow with a strong team, cut wide so corn in the South that are pulled, and called as to turn well and deep, and bring up the ' fodder," althogh where corn is small, far-"virgin soil" (yellow clay), to ferti'ize the mers often cut the plants off near the ground, and out the whole for forage.

When the seeds are in an immature or milky state, the leaves contain the most nu-6. And most essential-do not put on the triment; but to pull them so early is to inwait till the weeds start One day at least's send becomes perfectly ripe, the leaf deteriootill they are hard enough to hardle without than by pulling folder, the former is the tures by the application of running water breaking

7 Drag your land thoroughly. All old not so large that cattle carnot cat it easily; also made and have with some of the alfalfa

promptly housed, makes excellent forage. There is no other annual plant that yields so much horse and cow feed on rich land as corn. Millet, Hungarian grass, and oats come nearest to corn in the yield of hay. Corn beats them also in weight of nutritive seed. Raised for hay alone, it is not expensive, considering its value. - Cor. of Prairic Farmer.

FARM IMPLEMENTS-"DON'T MIND THEM." The Christian Union, tired of throwing away good, sober, serious advice, waxeth "scarcastikul," in this wiso-viz:

"We have resolved, for the present at

least, to change our tactics regarding the

care of farm implements. Hitherto we have, in common with the agricultural papers in general, urged farmers to take great care of their tools and machines. We have even printed directions for oiling, and painting, and storing, and the like. Now, however, we have abandoned that sine of policy. The dealers in and manufacturers of such implements must live, and as we have some friends and acquaintances among them, we are convinced that we have been too forgetful of their interests. An editor says that, during a ride of nincty a lies which he took through an attace a. actural district, he counted the follow _ ...ahoused implements, namely: forty-for . , .oughs, twenty three harrows. one reaper with beater and Stren p'att - a last used, wagons 100 numerous to ..., and, in one instance, a set of har-. nanging on a fence. The ploughs were stly standing in the fu row where they all en last used Such a sight as that gladdens the heart of the minerant manufacturer, and is an example which ought to be followed by every tiller of the soil who wants a new set of implements. Farmers, attention! Do not rab linseed oil on your fork and shovel and rake handles, do not paint your ploughs and mowers, do not use any rust p eventive on the iron and steel parts, and, above all, leave everything out of doors. You really have no idea how quickly you will possess a new set of tools, provided you have a balance at the bank, if you abandon that most objectionable structure, the tool house. Only seven mowers and one reaper out in the air in a stretch of ninety miles! And only one set of harness! Well, we will hope for a better report from that

ARMY WORM - The Yoto, California, Mail, says: "We understand that the army worms have made their appearance in full. farce in several of the vineyards in this vicinity, and in one instance, have destroyed six acres of hearing vines. The proprietors of the vineyards attacked have succeeded, however, in heading off these destructive, crea-

section the next time our agricultural con-

temporary goes that way."