PREPARATION OF LAND FOR CROPS.

(Continued from our bist,

In this case, the land may be ploughed in a direction at right angles to the provinces ploughing, that is, in the direction in which the future ridges are to run; but it will be better to plough somewhat diagonally, that is, nearly in the direction from corner to corner of the field. This is done in order that two, successive ploughings may not be in, one direction, for the next plaughter to be given, as we shall immediately see, must necessarily be lengthwise in the direction of the ridges. But by deviating from this direction with the ploughing now to be onen, the two successive ploughings will cross each other, and thus the tilling will be befor performed.

No sooner is this diagonal ploughing completed, than the process of harrowing, rotiing, and cleaning the ground of the roots of vivacious weeds, is to be reacted, precisely as after the preceding ploughing. It is not necessary or expedient that the process of harrowing shall be carried further than is absolutely required to disengage the weeds: but to this extent it is important that ie be carried, so that the land may now be cleaned.

These two ploughings, with their corresponding harrowings, are of the utmost inportance in the management of the summerfallow. If the weather has been lavourable, the land may now be expected to be chi (tually cleaned, and thus for to be in good order. Sometimes a further ploughing may be required for the purpose of completing the cleaning process, but whether this be so or not, the land ought now to be formed into ridges. This is nocessary, in order to provide against the contingency of heavy rains, which, were they to occur at this period, when the land is laving in-a flat state, might so soak it as greatly to retard the future labours.

We now, therefore, proceed to strike the furrows in the manner formerly explained. The land is then ploughed and formed into ridge, and this completes the fifth ploughing-which it has received. The land will generally be now ready to have the dung laid-upon it: But in some cases it may requite a sixth ploughing before it is sufficiently cleaned and prepared for the dung. In this case, the land being harrowed, and the remailing weeds collected as formerly, it is ploughed again in the line of the ridges.

We may proceed, however, upon the supposition what this turther ploughing and clealing are not required, and that the land, after"the fifth ploughing, is ready for the application of the dung. This may bring us, in the ordinary course of farming, to the month of August.

Now the dung, according to the practice before described, has been previously carried out and laid in large house in the field. where it has undergone a certain degree of fermentation. Should this not have tal ea place sufficiently the heaps must be turned. so that the dung may be brought to a tit state for use.

The dung is now conveyed to the land in carts from the heaps, the carts being driven along the ridges. It is dragged out roin cy, the ridges are divided by turrows run across them; into rectangular spaces each But in general, the eye and practical hoondrag out and deposite the heaps in the quan- the soil:

tity and with the accuracy that may be required.

a rose the relys, by means of light three. I regard looks. This operation should be d me with much attention, so that the dimer may be spread regularly over the range.

Close upon the work of the spreaders, the ploudes one to follow and cover the dung. This is done by gathering the ridge, so that; while it a plunghing covers the dure, the curvature of the ridge is increased

The dang being covered in this manner, and the raige raised, the land is to remainuntouched for a few weeks, so that the dung may be decomposed and incorporated with the soil. When the dung has been previone's fermantal in a proper manuely this incorporation will be completed in a very short time.

TI - land is non ready to receive what is cilled the seed-farrow, which is the ploughing gi en to is previous to the coeds being t g that of, lat the ploughing being very shat. 11, if has halle effect in raising the ridge higher.

After this final ploughing, and upon the surface now exposed, the seeds, usually of wheat, are to be soun, in the manner to her offerwards described. This generally takes place about the middle of September or later, and completes the important operathe wheat-seeds.

In this detail it e number of applying the dang has he in deer ded; but there is like-, wise to be a ne' level the manner of applying lime, when this sub tance is to be laid . upon the land in sammer-fallon.

There are two periods at which the hma may be applied,-either before the dung is laid on, or offerwards. In the former case, the lime may be laid on just after the land has been formed into ralges, and when it is ready to receive the dung-

kilns, may be land, down in heaps of about five carts each, at regular distances, upon the head-lands or where convenient. this case, it is brought to the farm as opporlarly.

from the cart behind; sometimes two carts and two men may be appointed for each heap, the one man filling the cart at the

behind by the workman with the dung-dragt dang is to be great upon the ground, and

Butfrequently the dung is first spread, and the lime is not laid on until just before giving the seed-furrow. This answers very across then; into rectangular spaces each giving the seed furrow. This answers very space, receiving its allowed quantity of dung, well, provided the land has lain a soluciont time after the dung has been spread, so

These details have an especial reference to the stiffer soils, which are those on which: So or diversing, who may be females or the ammer-failow is generally processing led, then spread out the dung all the process of cleaning is more easy, and the process of cleaning is more easy, and the animer-fallow is generally practised a When the lighter soils are to be fallowed, there is less legard of serious interruption from the state of the weather. The only. variation with regard to the lighter soils that need be referred to, is in the first spring-ploughing. In the case of such soils this doughing may be given at once across, and the process of harrowing and cleaning then commenced. This is precisely the manage; ment pursued in the case of turnips and similar fallow-crops; so that, when the harner comprehends the operations of the summer-fallow thus far: he is acquainfed with the manner of preparing the land for an extensive and important class of plants:

In the preceding detail, the ordinary ope- .. rations of the summer-fallow have been described; but the nature of the seasons, the state of the land, the prevailing weeds to be cradicated, and other circumstances, produce variations in the course of manage-The first ploughing the ridge is again the relations in the rouse of management, which, however, it is not necessary that of, but the ploughing being very shall to rule, but are best determined by the judgment of the farmer, as the cases themselves arise. A more important purpose is served to the student of agriculture by pointing out to him the manner of managing the summer-fallow upon approved principles. Knowing this, a little experience will soon show him how to adopt those variations of, tions of the summer-failow and sowing of other circumstances in a realother circumstances may render expedient....

> The process of the summer-fallow, conducted as it should be enables us to effect the tillage of clay-lands in a manner calculated to eradicate weeds, and fit the land for bearing a lengthened rotation of crops.

After a complete summer-fallow, the land is seen to be in the best order which circumstances will allow. It acquires that mellowness, indicative of fertility, so familian. to the eye of the farmer, yet so difficult to be described. It is frequently observed by, The queklime, is it is brought from the farmers, that clay-lands in this climate get into an adhesive, and, as it is termed, a sour state, by the long repetition of crops. giving them from tune to time the mellow-ing influence of a summer-fallow, during, this case, it is brought to the farm as oppor-twhich weeds may be extirpated and the tunity offers, and slacked slowly and regularized in the most beneficial manual larly. When we are prepared to spread it upon storing the fertility of the soil and fitting it the ground, a person with a broad-pointed to yield an increased produce in succeeding shovel is appointed to each heap. He fills wears. One advantage, too, of the summershore is appointed to each heap. He fills years. One advantage, too, of the summer-less cart, drives it along the ridge, and fallow, not to be disregarded, is, that it ditoking it out with his broad-comied shovel mitable the labour of tilling a farm more regularly throughout the season."

RECEIPT FOR THE CURE OF GALLED heap and the other spreading the lune upon BACKS of Horses.—Apply white-lead mixed with milk. Should this fail, and boils begin. Both men and horses sometimes experi- to swell up near the part which has been. cace injury from the caustic efficies of the chafed, charge it for a small quantity of lane, especially when the weather is most; slacked lime sprinkled on the galled spots. The face of the man man be deterded by a twice a day, till a crust is formed, and give the face of the mon time be colored by a twice a day, till a crust is formed, and give then handkerchief, and the back of the horse soine salipetre. An ounce should be covered.

When the time is spread, the land runer sprinkled on his hay daily. This is often to immediately barrowed to incore case the lane with the such. This horized done, the at the time he was galled. When the skin dang is to be stread upon the ground, and is healed, keep it always blacked with a into heaps, as nearly as possible of equal covered by the plough in the manner before mixture of tailow and burnt cork till the size, and at equal distances, in rows along described:

har grows. This will often bring hair of each ridger. Sometimes, to ensure accurate But frequently the dung is first spread, the original colour. If cork cannot be proposed. cured use alder coal-E # xe

FOR THE CURE OF A STING OF A WASP OR Bir.—Ammonia, or that called "Spirit of Hartshorn," is an effectual remody for the ledge of the workman, will enable hum to that it may be decomposed and mixed with sting of awasp on lies or and a second second