culture, and to sow it down to clover, with his wheat crop. He sowed the clover-seed soils, and under peculiar circumstances, a in the early part of the month of April, or at a period when there was a light covering of in the great majority of cases, it is an injusnow upon the ground, and instead of sowing dicious application of means, to secure a crop only three pounds of seed per acre, as is often done, he sowed ten pounds per acre. In have come under the writer's notice, the this way he secured a full crop of young clover, and as soon as the wheat crop was rance on the part of the cultivator. removed off the ground, a light-dressing of practice alluded to is that of summer-fallowwell-fermented manure and plaster was then | ing and administering too liberal an applistrewn broadcast upon the clover, which had | cation of unfermented barn-yard manure upan influence of pushing forward the clover on a soil that was, previous to the manuring, plant amazingly. About the 15th of Sep- too rich in vegetable matter for the constitutember, the clover crop was turned under, tion of the wheat plant, whereas, if instead and the land again sown with wheat. on some of Mr. Johnstone's fields eighteen | deeply ploughed in the autumn, and crossconsecutive crops of wheat have been grown ploughed in the following spring, harrowed, in the manner just described, and the annual production has increased from fifteen bushels culture, and sown with peas, or a crop up to thirty-five bushels per acre. This sys- | equally as well calculated to smother weeds tem of forcing the land to produce such enormous crops of wheat, for so many years, could not have been practiced had Mr. Johnstone not been fully alive to the importance of husbanding his barn-yard manure. The profits arising from Mr. J's first few years' farming operations, were invested in the purchase of a large tract of comparatively worthless hilly and rocky lands, in the immediate vicinity of his home farm, which he brought under cultivation, seeded it down to cultivated grasses, and stocked it with a large stock of thorough-bred Merino sheep. These sheep were wintered at the home- being paid from the profits of the first crop, farm, upon wheat-straw and oil-cake, by the writer would prove this position by citwhich means a very large quantity of very ling an experiment recently made on his own valuable manure was made, and which, as farm. This experiment was made for the above stated, was spread broadcast upon the young clover, and ploughed under for the wheat crop.

We by no means wish to be understood an advocate of such a severe system of cropping as that practiced so successfully by Mr. Johnstone, but do most emphatically assert, that a cheaper system of growing wheat must be put into practice than that of making naked summer-fallows, upon lands that following spring it was cross-ploughed, har-

tivation for the wheat crop. On certain naked summer-fallow is indispensable, but of wheat. In a great many instances that wheat crop has entirely failed through igno-Up-of summer-fallowing, the land had been rolled, and put into a thorough clean state of and clean the ground, and followed by the wheat crop, the profits of the smothering crop could be made to defray the entire expense of cultivating the land for both crops, and also pay the rent of land, and leave the wheat crop an entire profit. It is possible to practice this system upon suitable soils, on an extensive scale, with nearly a certainty of the soil producing large crops of wheat of a superior quality. That the reader may form some idea of what is meant by growing a full average crop of wheat after a ...stard fallow, and the entire expense of both crops twofold object of proving that rust on the wheat plant may be prevented, and also that wheat may be grown as cheaply in this country as in any other portion of this continent. Seven acres of severely cropped land was selected for the experiment. It was ploughed in the autumn with three horses abreast, to the depth of ten inches, and before the frost set in, was well harrowed. The does not require this expensive made of cul- rowed, rolled, and sown with flax, at the rate