read last year, I will not recapitulate them. To withdraw steam power from us would be to plunge this country into ignorance, poverty, and disorganization. Agriculture is only on the threshhold of the use of steam power. She has never cheapened her products, nor supplied the wants of her customers. It is no exaggeration to expect that every farm of 100 acres will give employment to four horses of steam power. When this takes place, a large area of land used to feed horses will be set free for the production of human food. I also venture to pre liet that great commercial companies will be formed, who will purchase estates, parcel them out with topographical economy, and connect them with the towns and cities, whose sewage they will economise. We shall then see our agricultural engines gliding along a line of rails from farm to farm and city to city, drawing the produce to market—cultivating the farm. To see the powmarket-cultivating the farm. erful monster drawn by four horses along the common road is an insult to mechanical common sense, and, could the engine si cak, would receive his indignant condemnation. When the locomotive was invented, somebody found means to expind £300,000,000 to make a suitable road for it, and somebody will, some day, do the same for steam in agriculture. The future of Rritish agriculture may be said to rest upon the sufficient use of that cheap untiling power which has given such an enormous development to almost e cry branch of our national industry except agriculture. Steam, whether for cultivation or for the manipulations necessary in a well conducted homestead, for draining the swamps and irrigating the hills, and above all, for applying town sewage to our pastures, green crops, and root crops, will become the sheet anchor of British agriculture; and it is by this economy that the British farmer will be strengthened in his competition with other corn producing countries. That great man, Baron Lielig, has revealed to us the mysteries of our subsoil—that subsoil into which the British plough has never yet penetrated. His researches raise a doubt whether it is possible to manure the subsoil through the cultivated top soil; if so which I believe, how all important it must be to bring the manure, the air, and the subsoil into immediate contact and admixture with the surface soil. But, in any case, let us seek in our subsoil, by means of steam, that treasure which the old farmer told his son to dig for.

Public Companies for improving Agriculture.—Assuming and believing that great and comprehensive improvements in agriculture will originate with public companies, I prognosticate that a combined system of irrigation—town sewage irrigation—and railroad transit must form an important feature of any great district operation. The principles of drainage, steam cultivation, covered buildings, steam machinery, &c., so well understood by our agricultural engineers

and surveyors, would naturally form a portra of every such improvement. "But," Ead 1 farming friend of mine, as we discussed the question of connecting farms and towns of rel "how can you expect to do this? Mr. 50-25! so would not listen to such a proposition, as his landlord would not like his farm altered and cut about." I reply there is no cure for preparation like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a public company and an Act of Parision like a pu ment. At this very moment regardless of affer tions and prejudices in favour of old residences and old customs, our new Railway Company are, by Acts of Parliament, levelling which streets, and blocks of houses, overlapping, and mining, destroying and reconstructing, with har Iheartedness yet unknown to British and holders, and British tenants. I hope the tree is fast approaching when great associated co panies of city merchants and rich agriculturawill expend enormous sums in the purchase as reconstruction of estates, making them subsevient to the one grand object of an economic use of steam power for almost every farmer operation, including sewage irrigation. Is shall then not have the modification to her that it is possible to carry coals at three farb ings a ton per mile, at 20 miles per hour or railway (farmed at enormous cost, and still on ing Consols interest to its shareholders), whi our farm produce on the common road costs Sd. per mile, and crawls along at a snall's par When estates and farmeries have been win proved by public companies, farmers will t found willing to pay a double or a tripled rent. provided they see that such increased rent on represents a fair interest on the necessary import ments; and such estates, or portions of the would readily find purchasers. We all hot that farmers like to hold under public bot (such as Charities, &c.), because their tenue; more secure, and they are more free from pe sonal or political interference or caprice the when holding under a single individual. I has no doubt that Parliament will some day? facilitate the registration and transference exchange of lands, that public companies as be found to deal with land improvements. . seems odd that, while hundreds of millions: capital flow into almost every other channels British or foreign, agriculture has not be dealt with, except lately, on a limited but be ficial scale, by the "Land Drainage" and "Le Improvement" Companies. When I sugge public companies, I mean that they should a on a large scale and with immense resource that which it would be impossible for individu to accomplish, and having made all necessarimprovements, sell or let the various farms. improved.

Land Drainage.—It would be an insultinis Club to enter into details on this now in understood subject. Its influence on the qualtant quantity of the food of the peop.