over a large area enormous; but still nonainage is the rule, and drainage the excep-In this respect there is a grand future for moltural improvement. Land drainage was ectised in Essex and Suffolk one hundred and enty years ago, on ard chalky clays, and red or friable soils, and no doubt greatly inassed the produce and reputation of those unlies as grain producers. Strange however, say, it is hard to make farmers believe that in tenacious (birdlime-like) collapsing clays, inage is of any use, and there is consequently enormous extent of such soils undrained in sex and elsewhere. It is easy to understand this prejudice arose from the impossiblity using with advantage in such soils bushes or ar, the only draining materials formerly in these butter-like soils collapsing and stop-2 such drains; but now that we have tileries making pipes or tubes, no such danger need apprehended, and I hope our friends will soon e up their prejudices, and so fill their pock-Honourable mention should be made of names of Elkington, Smith of Deanston, ish Parkes, Bailey Denton, and Clutterbuck, connexion with the science of this art. Scot-d was seventy years behind Essex and Suffolk his matter of drainage, but then our Scotch adsdid it in earnest, and have connected with eep cultivation and subsoil cultivation, and his, respect are in advance f English agriculsts. Scotland owes to James Smith, of Dean-, her drainage and deeper cultivation, and carly appreciation of town sewage. I had pleasure to know this useful man, and his is agreed with my own, that we were still on the threshold of agricultural perfection. liter Reform, so ably discanted on by Mr. algernon Clarke, will surely soon make its In former times, when our daily bread ended on the action of our watermills, the was strained in favor of the miller, who may aid to have occasionally, and not unfrequentsed the adjoining lands as reservoirs of water the river to the ruin or injury of said s: but now that mighty steam has insured s, at all seasons, a comfortable loaf, a change sing place, and the Judges have recently, most important issue, ruled that the unseen rin the land is the property of the lander, and that even if sinking wells and using water should dry up a river by diverting terraneously its waters, no action would lie.

ditches, or rivulets leading to a riv.;
however, be still respected. This decision tlead to most important results, enabling owners to dry or lower the level of the water eir soil, and use it for irrigation if desirable.

cant-Right and Leases.—The history of test shows that the former violent fluctations has a bar to security of tenure by lease: no lord or tenant believed in an average of s. Without going into the question of

Free Trade, our Tithe Commutation Act has afforded us something like an approximation of averages over a given period. Let us hope that the words "average 56s. per quarter for wheats' may give confidence in leases: it is certain that without leases no tenant will invest his capital in impressments, unless secured a tenant-right for such investments. The Scotch 19 years' lease appears to ensure a good improving tenantry, and a large increase of rental at the end of the term. In Essex, a man without a lease may expend £20 an acre in drainage, chalking, and other improvement, and if he dies, and the farm be given up, not a shilling of it would come to his executors.

The Labour Question.—Labour is silently, but surely, slipping away from agriculture to eae better food and higher pay of other industrial occupations. The parliamentary and excursion trains have provided a quick and cheap transit, and so have our coasting steamers. The new implemental requirements of agriculture, both British and foreign, have absorbed many a farm labourer: and the almost unobserved but regular trans-mission of the same class to distant colonies, by the Linigration Commissioners, also tells upon the farmer's labour store. well for the country, for necessity is the mother of invention; and agriculture may be more readily impelled by need than by persuasion to resort to that mighty power which has enriched our manufacturers. Experience has taught us that, as farm labourers come in contact with manufacturing towns or cities, they can only be retained on the farm by an increase of wages; our southern and non-manufacturing districts will not, therefore, long retain cheap labourers, especially now that the penny press ma's them acquainted with the money advantages of an employment elsewhere.

The Labourer's Condition and Cottage.— The labourer being the most important tool in agriculture, it is desirable that he should be sharp and well polished as well as strong. has not hitherto been sufficiently attended to, but it must very soon be. The schools now gradually erecting will enable the rising generaation to read the instructions for cleansing, repairing, and managing the steam engines wnich agriculture must put up. They will also be able to read their Bible and their penny newspapers; probably hereafter they may be not thought unworthy of local libraries and literary institutions, also baths and washinghouses. The extension or abolition of the law of settlement will destroy the old selfish and unfeeling practice of foisting on your neighbour, in his old age or affliction, the man whose labours, in his youthful vigour, The landlords are contributed to your wealth. beginning to believe that the indecent propinquity of crowded bed-rooms, added to the evil sanitary results of insufficient house room; tell indirectly, but most unfavourably, on their pe-