Mr. Bisnop had raised last year 32 tons of maugel wurzel on a tield of rather more than three quaters of an acre, a strong clayey loam. He was in the habit of plonghing three tunes tor green crops, opened his drills, placed the dung in them, covered it $u_{\mathrm{i}}$ with the plough, and placed his seed on the top. Ile disiagreed wilh Mr. Barmes as to their haking anvthing out of the land, for the tops left on, and the weeds killed out, amply repaid any loss. He made this year, off 4 acres of very fox-taily land 2800 bushels of turmps, all by pood hoeing; tor oie field of abom 4 rods he had left unhoed, bote at the rate of only 20 bustels to the acte. It was a low field whin a hollow centre, where the last tenment had failed to rase akont 5 bushels of wheat to the acre the year before; he had made a dram, which took off the water,-pluyghed as soon as it was dry three times, dragged and rolled well for seed, sowed on the 2 list of June 2 lbs . of seed on 4 acres, and hred them three times. He had made his drilling machue out of a couple of 1 lb . puwder canisters, thed each in the cleft of a torked stick, with a bole in the botlom,and suwed two drills at a tume as fast as he could walk, he then rolled the seedin. He thought men ought to raise more clover and hay ineteat of wheat. He had raised a good deal of clover-seed, turnips, \&c., and mangel wazel, he thought, was a surer crop than thrmips, for the fly never tuached them; he had rolled tumips a.ter the fly was upon them with decided benefit. He put sprinig wheat on his turnip land, and sowed to clover, fed his clover till June, and then let it go to seed, and it came better from pasture $t$ au from mown clover. Slaughter-house manure gr w better crops than anything else.
MIF. Donalidson had a crop of turuips and mangel wuzel this year, each worked and treated ahke, but the mangel woizel turns out an excellent coop, and the turnips a bad one.
Mr. Brshop, in answer to a question, said he piled his turnips all together. He had one heap asw of 1600 bushels, about 10 feet high, but kept a square flue of boards, pierced with holes in the centre, for a ventilator, so as to keep them sweet. He had a scteen about 10 feet long, which he rolled his turnips dowa into the pit, so as to clean them.
Mr. Miman made long heaps of roots, about a yard wide, and covered an inch-and-a-half with dim, which was quite sufficient. He had a roothouse with a chimney to it, which kept 1200 bushels well.
Mr. Grafton Smith said he had lived chiefly on new ground, and thought that after the first crop of wheat men ought to lay down new land to grases. Breaking up sod amongst stumps was dutiicult, but the best way was to break it up in the fall, sow peas, and afier that summer fallow. He thought he had to fallow stubble land, because green crops required so many hands. He broke up some very bad land one fall,-in the spring the caule ran on it, he cross phoughed it in June, and it booke up very well. He disapproved of breaking up in spring for fallow, for we could not get at it soon enough, for the peas had to be gol in first, and then comes haying, then harvest, the grass lieeps on growing all the time, and after a
bad harrowing we have to plough for wheat with all the gras; alive. He thought manuring on fallow was of no use on his own new land, he had tried it, but saw no difference in the crops. He had seen clover seeded down on wheat, which would grow from 11 to 2 tons of hay, after two crops it was manured and sown with peas, then cross ploughed and ridged up, and it would do as well as a tallow.
Mr. Robsisos had experienced great pleasure in hearmy so many excellent remarks on the subject. He had determined to consider the matter, but had been unable to gain time to do so. It was a very important subject. In Mr. Dale's paper was a recommendation of summer fallowing; but he objected to it, as leading to the old system, and thonght other things paid better now than fallows. Twenty years ago pork and wheat were the only casharieles; now a man who has other animals can sell them for cash; so one ought to louk after everything. He who fallows his farm risks all upon one stroke. He knew of a man lat year, in the Queen's Bush, whotallowed almost all his farm, and now had 1000 bushels of wheat in his shanty; but it should be cousidered the risk he ran. He recollected his tatler fallowing for wheat, which was panially whter killed, and after that grew esceedingly rank, and lusted, so that the straw was at harvest tied up, not m sheaves, bat in large bundles, 48 of whech went to one bushet of bad wheat. Considering the money that was lad out in fallowng, in horses, wayes. \&c., he thought those who wished to raise good crops would act differently. Fams shouid be seeded down, and well done, not wath one or two pounds to the acre, bat with four or five, so as to choke the Indian grass, and raise good clover tor catle and hogs, in orler to have young animals for the batcher, besides a cow or so for home use, and one's i:uss grown cheaply. fle had a quamity of young hogs last year half fat on clover and water. A man should have a snall part of his farm in wheat, part in oats, a large part in clover, so as to get good grass, hay and purk; with good peas, enough to grow $\$ 100$ of pork, and then nave a yoke of oxen for sale, youns caule, too, and perhaps a pair of young horses. Onght we to do nothing but plough, and get a crop of wheat to sell-pis\%, to sell the mast of-oats and peas, to sell allogether,-in such case manure was nothing bui digested straw. He had heard of cut straw and bram, but he thought we ought to bruise our oats with straw to make good manuic. Ploughins was not the only hing yecessary, crops require anınonia, potash, and soda,-and thus require ashes. When soil was pour like that field of Mr. Bishop's,-where did the crops get their nourshment from? On board slip letuces had been raised on wet rags, and ho had heard that from 90 to 95 pats of all crops came from the air. How can manure be made if all the crops are sold off, and it be nothing but digested straw? He had lived in the woods all his life,-he came from Yorkshise when 5 jears old, -his nearest neighbor was 3 miles off, next one 5, next 7 . and he had been at school but two months afier ho came out here. The condensing and absorbing power in the earth had been placed

