exercises no direct control on the plough: hence and not resolve to faim bears and so the experiment was instructive. Another trial ward, ward, ward, extending the distance to 210 yards between the engines, when, with both a Kent turn and an Essex rest plough, very good work was accomplished. The subsequent trials were made there milk would be on the same principle. Yet to this complished. with a two-wheel single engine, the lwire rope day half the bee-men smother their bees to get the being returned through a pully anchored opposite honey, although the land is full of simple and cheap the engine, and were equally successful as regards hives, on a more humane and economical principle. How the work done. When a common swing plough long shall the stupid barbarism of smothering bees conwas tried, the downward draught buried it beyond tinue?" the necessary depth at once. From these rude trials, with an engine of ten-horse power, which is locomotive, or can be drawn by two horses, we John Bull loves fat beef, and some of the beef in that think there is little doubt of the practicability of country is made enormously fat. The following is the the plan, as now tested; but on the question of its economy, nothing but actual experiments on a some others, in Scotland. The cattle are kept in what large scale, with suitable implements, can deter-

These engines possess great advantages, in being applicable to threshing and other agricultural purposes, and can be moved from farm to farm or from one field to another with the greatest facility. The mode employed for taking up the wire rope constitutes the patent. The compactness of the engine is admirable; for, while it is equal to ten-horse power, and performs three distinct operations, its compass is only 10 feet by 64 feet, the height of boiler being 5 feet. There is now every height of boiler being 5 feet. There is now every cattle were fed six times per day, and on this system prospect of an extensive and profitable application they were enabled to fatten an ox weighing 10 cwt. of of steam power being made to many of the purtuhe very best quality of meat, in sixteen weeks. It is poses of agriculture.

BENEFITS OF AGRICULTURAL EXHIBITIONS.

Horace Greeley of the New York Tribune, in writing from the State Fair at Syracuse, thus speaks of the utility of such exhibitions:

"There cannot be less than two or three hundred different kinds of agricultural implements on exhibition here-horse-rakes, cultivators, straw-cutters, subsoil and all other plows, new bee-hives, water-wheels, horse power saws, &c. &c. I consider this altogether the most important feature of the Fair. A great ox may be reared by a greater fool; but no man who ever in small ridges, so that the open furrows may carry off worked a year at farming can spend a day among these the superabundant water. Those who are possessors implements and inventions without being stimulated to of such land I shall pass by in the meanwhile: it is only think. The great end of all such exhibitions is an improvement of the breed of farmers—of men. Now the had the good fortune to have naturally dry, that I wish man who has been skimming over a hundred acres of at present to address myself. Although I do not mean land for the last twenty or thirty years, plowing six inches deep, manuring with his good wishes, and grow-vour to point out a prevailing error which every day ing fifteen or twenty bushels of corn to the acre, cannot meets my eye, for even on land thoroughly drained, or spend a day in one of these Fair enclosures, without benaturally dry, the old eighteen-feet ridges are still pering startled and shamed. These subsoil plows, one of sisted in. Being for sometime back annoyed at the which, properly used, would double his usual product of insignificant appearance of the crop in the 'hinting fur,' corn and vegetables, and in dry seasons treble it—these (as we locally term them). I was desirous of having the straw-cutters, with one of which his scanty crop of hay matter decided, as to what difference there was from might have been made, with the aid of straw, stalks, the even field. On a field of oats after lea, I had an &c., to winter his stock bountifully—these cultivators, seed-planters, horse-1, less, and other labor-saving imbreadth on the even field alongside. Both these were plements, must set him thinking. What sort of crops do those farmers obtain who use such implements? field produced exactly three times the quantity of grain Who make the most by farming—the fifteen or the fifty grown on the same breadth of land, I may say partly bushel corn-growers? What sort of farmers is it who, laid waste by the open furrow; the average produce of are able to buy land, when any is for sale low for cash? the field was seven quarters per nere; and had that field What sort of farming leaves land in condition to sell, been ploughed as it ought to have been, without an advantageously? These questions arise spontaneously, open furrow, the produce would have been increased which, properly used, would double his usual product of insignificant appearance of the crop in the hinting fur,

exercises no direct control on the plough: hence and not resolve to farm better through all his life after-

Only think of civilized

MODE OF FATTENING CATTLE IN GREAT BRITAIN.

are called boxes or pens, and the following feed given them daily, to each:

2 lbs. linseed, (flaxseed), cost 21 pence. 6 lbs. barley meal, or rye, 84 lbs. turnips, 41 14 lbs. hay,
Attendance and fuel, 43 " 173

or about 30 per cents. of Yankee money per day.

The chopped straw or hay was first mixed with the meal, in a shallow wooden cistern, and was incorporated with the linseed or flaxseed, in a boiling state. The stated that the farmer is enabled thus to feed three animals, instead of one on the old system, and thereby make a quicker return of capital, which is the life of trade. It will be seen, according to this, that if it takes sixteen weeks to fatten an ox, at 30 cents cost per day, the cost of fattening would amount to nearly 37 dollars. Their markets must be very excellent, to allow them a profit.

We guess the thing could be done here much quicker, and more profitably, on Indian meal and potatoes.-Maine Farmer.

ON PLOUGHING.

In wet soils it is necessary to have the fields ploughed advantageously? These questions arise spontaneously open furrow, the produce would have been increased in the simplest minds, and they will be answered. I three bushels per acre,—hence the advantage of the don't believe a farmer can attend three successive Fairs, turn-wrest plough.