

of the constituents of the soil; and although the quantity of humus may be increased by artificial cultivation, still we must replace the substances which have been removed, to preserve the fertility of the soil; and this is effected by *manure*.

(To be continued)

THE COLONIAL FARMER, edited by Mr. T. Smith, and published by Mr. R. Nugent, Halifax. We have received the first number of this paper, devoted to the agricultural interests of Nova Scotia, New Brunswick, and Prince Edward Island; and as the editor and proprietor have evinced their praiseworthy zeal in the cause of agriculture, we hope their efforts may be rewarded with corresponding encouragement. We have already expressed our sentiments respecting agricultural periodicals. They have done good in other countries—they will do good in our Provinces, if they are properly supported. The literary seed is now sown: its growth, success, and fruition, depend upon the agriculturists. If they cultivate and protect it, it will prosper; but if it fails, we must deplore the intellectual, as well as the physical difficulties which oppose the progress of agriculture in our Provinces; for we repeat that the Press has been, and is, in other countries, and can be, and will be, if encouraged, in these colonies, a powerful engine in agriculture. The "*Colonial Farmer*" is not embellished with plates, agreeably to the prospectus of it, as the House of Assembly in that Province refused any appropriation in its favour, and the proprietor is unwilling to meet the additional expense, until he finds himself sufficiently supported. Respecting the continuance of his paper he observes: "The *Colonial Farmer* being now fairly before the public, we have concluded not to publish another number until our prospectuses, now scattered over the Provinces, are sent in. When this is done, we shall be better able to judge what amount of support we would receive, and can then determine whether to go on with the work or not." We recommend it to the favourable consideration and protection of the Farmers of New Brunswick.

We beg leave to remind "*A Friend*," of his promise to favour us with his opinion of the short horned cattle as the best

breed for these Provinces; and we, at the same time, repeat our appeal to the agriculturists throughout both Provinces for communications upon Farming matters; or for questions upon such matters, and to which it may be in the power of the Editor to return answers, extracted from approved agricultural works, or obtained from other satisfactory sources.

IMPLEMENTS AND MACHINES.

Cost Sterling—British Market.

1. FOR OPERATIONS ON THE SOIL.

Ploughs, 2 horse, Iron swing, from the most approved makers, 80s. to	£5 0 0
Extra mounting for do. per set,	0 18 0
Draft bars, or swing trees, for do.	0 10 6
Bachop's new iron Plough Yoke for 3 horses,	1 1 0
Ploughs, Wilkie's new Turn-wrest, for sides of hills, 130s. to	8 8 0
Ploughs, Subsoil, of sizes from 200 to 400 lb.	10s. to 8 10 0
This Implement, invented by Mr. Smith of Deanston, for the purpose of breaking up the subsoil without bringing it to the surface, is now extensively used, and attended with the most beneficial effects.	
Soam chains for ditto, 7s. 6d. to	£0 10 0
Draft bars, for ditto, for 3 and 4 horses,	
Do. do. for do. with six horses,	1 2 0
Do. do. Deanston new equalizing with pulleys & chains, 60s. to	3 10 0
Plough, deep Furrow or Trench, wooden, on the model of the one used by Mr. Smith for turning up and mixing the soil to full depth, which had, in the preceding rotation, been penetrated by the subsoil plough,	4 0 0
Do. do. of Iron,	140s. to 8 10 0
Do. M'Ewan's, new draining, 2 sizes,	16s. to 11 0 0
Draft bars, and chain, for do.	4 4 0
Harrows, Rhomboidal and others of the most approved construction,	46s. to 2 10 0
Do. do. extra sized wooden or Brake, for 4 horses, with draft bar,	5 0 0
Do. do. Grass, wooden,	2 10 0
Do. do. do. iron,	70s. to 4 4 0
Rollers, cast iron, of sorts 240s. to	17 0 0
Do. wooden, complete, 100s. to	10 0 0
Finlayson's improved Harrow or Grubber, of sizes,	130s. to 10 0 0
Spades, of sorts, for ditching, &c.	0 4 0

(To be continued.)