

it to have been.' What amount of loss, my Lord, could you have fancied we had thought it was when I prove it amounts to 50s. 10½d. per acre after deducting the advantages arising from diminished expences? In this loss, bear in mind, I have not taken into account the diminished value of peas and beans, beef and mutton, which would amount to 20s per acre on the two shifts of fallow by pulse and seed crop. After striking a fair and accurate balance, my Lord, I find the loss on a farm cultivated on the four-course system to be as follows:—

	Lessened value of produce.	Advantages by diminished cost.
	s. d.	s. d.
Wheat - - -	50 10½ per acre	6 10 per acre.
Barley & Oats -	50 10½ per acre	6 10 per acre.
Beans, Peas, Fallow	49 0 per 2 acres	13 8
	141 9	27 4

Thus we find our produce has been reduced in value 114s. 5d. on the four acres after striking a fair and accurate balance by deducting the full amount that can be allowed for lessened expences of cultivation, or a clear loss, or lessened value of agricultural produce of 28s. 7½d. on every acre of arable land."

[The following communication would have appeared in our last, but was crowded out. Mr McCormick's machine obtained a medal at the World's Exhibition, and we have no doubt from what we have seen of its working on the extensive plains of the West that, under similar circumstances, it is a very advantageous and efficient implement. Hussey's Reaper has since been tried in England, with apparent favor. We doubt, however, whether the very high hopes expressed by some sanguine, but not over practical minds, respecting these Reapers, will ever be realised in many districts of the British Islands, where the fields are too small, and the surface too uneven, for their advantageous action.]

MR. MCCORMICK'S REAPING MACHINE.

To the Editor of the Canadian Agriculturist.

SIR,—I see by the Report of Prizes awarded at your late Provincial Fair, held at Brockville, that a premium was awarded to Hussey's Reaping Machine, a highly finished one, got up for the occasion, exhibited with one of Mr. McCormick's, (common reapers, such as are sold for use,) the same as took the great prize recently at the World's Fair in London, and created so

much excitement among English farmers. Both of these machines were operated in presence of a committee on the part of the World's Fair, many gentlemen of distinction and several hundred farmers, on two occasions, were in London. On the first occasion the day was rainy, and the wheat green. Hussey's machine clogged, trampled down the grain and was taken off from the ground, McCormick's worked to perfection, and drew forth cheer after cheer from the assemble multitude. Another trial has since been had under more favorable circumstances, with the grain in a good condition for cutting, and after a full and fair trial, the great medal was awarded to McCormick's, upon the ground that it cut with much less horse power, raked off at the side, enabling you to cut a whole field without binding, and cut when the grain was too wet to bind, economizing in time and labor, and that it had a reel to draw the grain to the sickle and cut leaning grain much better. Hussey's reaper raking off at the side and requiring the grain to be bound as fast as cut, and having no reel could not cut leaning grain without covering the swath and could only cut where the wind was blowing the way the machine was going by driving upon a trot upon which pace the horses could not hold out. Since these trials, McCormick's reaper has had several useful trials at contentions in different counties got up for the occasion by distinguished men, at each of which large numbers of farmers and many noblemen have been present, where it has given entire satisfaction. The editor of the *London Times*, on one occasion, made a journey of one hundred miles to see it work, and says it will cut all the wheat of England. The Agricultural Society of Scotland have sent for it at their own expense to be worked there. One house in London has undertaken to make five hundred reapers for the next harvest on their own account. This reaper has twice taken the highest premium at the New York Fair, (Hussey's being present,) and obtained the great medal at the National Institute, New York.—This is the great machine in the West. Only one of McCormick's improved Virginian reapers has been worked in Canada, and that on Dundas street, near Toronto, and the preference over all other machines is given to it. Your committee must have awarded the premium to Hussey's upon the ground of its superiority in mechanical execution, (which does not apply to the machines sold for use,) and not from any knowledge of its practical workings. He must be a bold man knowing the scrutinizing tests which the machines have undergone in England, who without any knowledge of the real merits of McCormick's reaper, Thos. J. Paterson, of Rochester, N. Y.,