

To ascertain what manurial value there might be from the clover the second year after ploughing under, these same plots, without the addition of any manure or fertilizer, were sown in 1899 with Mensury barley. Again a great difference on the plots that had grown clover in 1897 was noticed, and the harvested results showed the average yield on the four clover plots over that of the four "no clover" plots amounted to almost nine bushels per acre.

The weights of grain and straw harvested from these plots in 1898 and 1899 are given in the subjoined table :

GRAIN AFTER CLOVER—Results showing fertilizing effect of Clover (a) first year, and (b) second year after being ploughed under.

Plot.	Nature of Crop sown in 1897.	1898—1st Year.		1899—2nd Year.	
		Banner Oats.		Mensury Barley.	
		Straw per acre. Lbs.	Grain per acre. Bus. Lbs.	Straw per acre. Lbs.	Grain per acre. Bus. Lbs.
1	Preston wheat and clover ..	3,770	56 6	3,120	40 20
2	" " no clover....	2,160	37 2	1,740	25 20
	Increase due to manurial effect of clover .....	1,610	19 4	1,380	15 0
3	Odessa barley and clover ..	2,180	37 12	2,620	32 29
4	" " no clover ....	1,450	30 10	2,440	27 44
	Increase due to manurial effect of clover .....	730	7 2	180	4 33
5	Bolton barley and clover ....	3,180	51 26	2,470	33 26
6	" " no clover ....	2,090	44 24	2,000	29 28
	Increase due to manurial effect of clover .....	1,090	7 2	470	3 46
7	Banner oats and clover ....	5,110	55 0	3,270	44 38
8	" " no clover.....	2,260	44 4	2,320	33 36
	Increase due to manurial effect of clover .....	2,850	10 30	950	11 2
	Average increase on four clover plots.....	1,570	11 1	745	8 32