

December 23, 1941

Dear Topley,

With the two inside experiments, which are the data which are available so far, I have been trying to see whether any effect on lamb weight ^{would} ~~has~~ become apparent if we made allowance not only for initial weight, but simultaneously for the initial egg count, for in these two flocks at any rate there is evidence that the more wormy lambs are both initially smaller and are growing less rapidly than the others.

The situation with respect to significance is not so clear as I had hoped it might be. Nevertheless the two records from different places are in sufficiently striking agreement to make me think that the apparent effects must be real. The following table shows the average final weight of four sheep at each dosage, when the allowances have been made:

Dose	Winches Farm lb. per sheep	Excess over control	Edinburgh lb. per sheep	Excess over control
0	63.135	-	37.904	-
5	64.009	.824	40.852	.848
10	67.255	4.220	40.220	2.316
20	74.754	11.619	39.531*	1.627
30	66.182	3.047	41.056	3.152
40	70.933	7.798	41.516	3.612
50	63.171	.036	38.132	.228

* 1 sheep in four missing.

Yours sincerely,