

20th. May 1950.

Dear Kenneth,

I think categories such as established varieties and inbred lines will be definite enough, because reproducible at will in future work. On the other hand, genotypic differences among F_2 plants as shown by F_3 progenies would be fairly typical indefinite categories.

What had shocked me, however, was a number of recent American books with practical aims specialising in industrial ^{experimentation} ~~expectation~~ getting themselves into great difficulties through assuming that ^{main effects} ~~many facts~~ were always to be compared with interactions with whatever factors were included in the experiment. Logically this makes them think that an experiment without e.g. variation of temperature gave definite information of a kind not available if the whole experiment had ^{been} ~~been~~ repeated at five different temperatures. This is manifest nonsense, and my new paragraphs aim at clarifying the confusion of such paradoxes.

Let me know sometime what sort of show your department is putting up at the B.A., as, for my part, my chief motive in attending the B.A. this year will be to see something of you and your department.

Yours sincerely,