April 19, 1934.

F.D. Richey, Esq.,
United States Dept. of Agriculture,
Bureau of Plant Industry,
Washington, U.S.A.

Dear Richey,

Thanks for sending me Sprague's paper, which I am now returning, herewith. The question he is asking is an interesting one.

I do not quite understand how he has corrected the missing kernels. Personally I think one could answer the main question question whether the data are consistent, with an independent 1/1 chance for each kernel, by considering all sets of consecutive kernels from end to end of an entire row or from the end of a row to a gap, or from a gap to a gap independently, e.g. if there are a kernels in such a set, the question whether the characteristic changes from one kernel to the next is independently decided (a-l) times with an even chance each time. The number of possible changes is S (a-1)/whole material, and the question is simply whether the number of changes is significantly less than a half this maximum number.

I must apologise for scribbling on the paper - I hope it won't hurt. Yours sincerely,