

25th February, 1955.

Dear Dr. Richardson,

I have your letter, and am glad to hear about the prospect of your running the pea lines at Reading demonstrating the characters used by Mendel.

I find that Mrs. Fyfe has kept progenies from 40 plants this year, and we expect more than one in eight of these progenies will segregate in all five factors. The ones we collected cannot be exactly the same as those used by Mendel, for two of them are linked, showing that we have a mimic in one case. If you care to grow five lines for five progenies we should grow the other 35, and between us should have material for subsequent years, though it might not be that any of your five showed all factors this year.

The procedure is to note which progenies are showing five-fold segregation; of those, which plants are five-fold dominants, and to preserve, usually, all the seeds from all such plants to be grown again as separate progenies in the following year.

Let me know if you would like the five lots sent you now.

Sincerely yours,