YALE UNIVERSITY
OSBORN BOTANICAL LABORATORY
NEW HAVEN, CONNECTICUT

Jan 25 46

Dear Josh:

The idea of picking up deficient mutants is very good, and I'm glad to hear the preliminary results are encouraging. N. Fries used a similar technique (but on minimal agar) for the preliminary screening of Ophiostoma x-ray biochemical mutants - fairly successfully.

Regarding the effect of time of incubation on appearance of mutations, I think it's still worth doing, even if Demerec has done the equivalent (paper just submitted to PNAS.) with x-rayed coli, plated immediately, and sprayed, after incubation 1, 2, 3, 4 etc. hours, with virus. With both x - u.v. "raydiation" there is a definite lag in appearance of resistant mutants. For biochemicals, incubation would have to be prior to plating.

Mr. Sinnott assures me that the tower room will be available in March - next year - for the entire term of your stay if you wish.

I'll be in N.Y. this week-end - and will give you a ring when I have time - or will leave word with the Ryans. (I just realized you can't get this till Mon.!)

Yours, Ed. T.