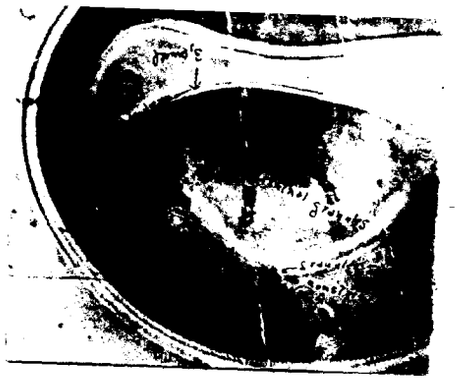
K. M. WIEGAND, PROFESSOR
L. KNUDSON, PROFESSOR
DONALD REDDICK, PROFESSOR
A. J. EAMES, PROFESSOR
L. W. SHARP, PROFESSOR
O. F. CURTIS, PROFESSOR
L. C. PETRY, PROFESSOR
W. C. MUENSCHER, ASSISTANT PROFESSOR
E. F. HOPKINS, ASSISTANT PROFESSOR

NEW YORK STATE COLLEGE OF AGRICULTURE
AT CORNELL UNIVERSITY
ITHACA, NEW YORK
ALBERT R. MANN, DEAN

DEPARTMENT OF BOTANY



Dec. 16, 1929

Dear Burnham -

I am just scratching off a note to tell you that I am planning to go to Des Moines for the meetings. A sudden change of mind - However, when I saw the papers & realized how much corn was being presented & how little from here (no one but Randolph is going from the genetics dept) I decided to go regardless. Likewise, after reading Brink's abstract I thought it a good thing to go & talk to him - with you.

Have been growing loads of seedlings & making chr. counts. Have $\overset{+V_4}{+L_g}\ \overset{+V_4}{+l_g}\ \overset{+V_4}{+L_g}\ ♀ \times \overset{+V_4}{+l_g}\ \overset{+V_4}{+l_g}\ ♂$ cross grown & seedling counts as follows:

113 V_4L_g : 29 V_4l_g (10 plants counted for chr. all 2n) ; 35 V_4L_g (19 plants counted all 2n) ; 10 V_4l_g (all 2n)

Among the V_4L_g I divided the seedlings into those that looked 2n+1 & those some of which gave signs of 2n+1 but most didn't. So far I have among the 2n+1 class, by guess, these counts - I selected 23 as probable 2n+1 - 18 were 2n+1, 2 were 2n & 3 no counts as poor figs or no figs. Small seeds, or disease would give poor plants & might get into the 2n+1 guessed

class. The results are worth something.

Randolph believes he has located the n+g factors in one array (longest) of the n-g elec. I have not got the data straight but will get it from him tomorrow if possible (will break the ice to chase but it is too much to write). The ice is still as thick as ever but maybe his feeling set up over this will cause a thaw. He is still an enigma to Sharp, too.

I shall bring the slides with me if you wish, rather than sending them to you - How is that?

As ever,

Bob.