A DISCUSSION OF CERTAIN METHODS USED IN THE STUDY
OF "THE ASSOCIATIVE GROWTH OF LEGUMES AND
NON-LEGUMES."

T. L. LYON AND J. A. BIZZELL,

Department of Soil Technology, Cornell University, Ithaca, N. Y.

In Bulletin 253 of the New Jersey Experiment Station, Dr. J. G. Lipman takes exception to a statement made by the undersigned in Bulletin 294 of the Cornell University Experiment Station. The statement to which he objects reads as follows: "That a legume may benefit a non-legume growing with it, by causing the non-legume to contain a larger quantity of nitrogen or protein, seems never to have been ascertained."

In his bulletin Dr. Lipman gives a review of a part of the literature dealing with the growth of legumes with non-legumes, by means of which he endeavors to prove that this fact has been well known throughout historic times.

Somewhat less than two years ago Dr. Lipman, in discussing the same bulletin and the same statement to which reference has just been made, stated that "the priority of this discovery belongs to the New Jersey Experiment Station." This statement was published by him in the Scientific American shortly after our bulletin appeared. The following communications to that paper may explain why Dr. Lipman has waived his claim to priority in favor of primitive man.