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

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The main theses of the above discussion by Doctors Lyon and Bizzell center about two points. One of these concerns supposedly conflicting claims as to priority of announcement while the other relates to the value of the methods employed by me in the study of the associative growth of legumes and non-legumes.

As to the first of these points, Doctors Lyon and Bizzell still claim to have been the first to call attention to the "Heretofore Unnoted Benefit from the Growth of Legumes." In Bulletin No. 294, of Cornell University, they state: "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" (p. 365). To this they add in the present discussion: "In none of the articles cited by Dr. Lipman in his recent bulletin to show the antiquity of this knowledge, is there an analysis of the plants to give an indication of the quantity of nitrogen they contained. Only