THE FUNCTION OF CALCIUM IN THE NUTRITION OF SEEDLINGS.

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LIMITS OF THE PAPER.

In the beginning of this discussion I wish to call attention to the limits which bound it. It deals with seedlings of various crop plants grown in water cultures which were usually kept in darkness when not under observation. However, in several cases similar experiments carried on in the light gave results essentially similar to those seen in experiments carried on in darkness. The methods used, the sources and the magnitude of recognized errors are not dealt with, having been discussed previously elsewhere.

The principles developed here are applied with caution to plants not studied, as unexpected specific and racial peculiarities have been found. This paper presents only results of work in which the writer has been directly concerned, usually in association with colleagues, and no attempt is made to review the work of others.

THE PROBLEM STATED.

The results here reported have come from an attempt to ascertain more clearly the nature of the indispensable work done in green

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