

PREFACE.

This dissertation constitutes the record of a spacing and variety trial with maize carried out on the Imperial College Farm by the writer, in conjunction with Mr. J.D. Jameson. In order to satisfy the conditions laid down by the examination committee for the Associateship of the College, it has been necessary for each to write separate papers. As close cooperation was maintained from beginning to end of the experiment, it will be realized that the final results obtained and recorded must be the same although differing slightly in their interpretation and manner of presentation. Apart from satisfying the examination committee it is hoped that the two points of view thus obtained will lend added interest to the experiment as a whole although necessitating that the reader combine these points of view and draw his own conclusions. A conjoint paper would have obviated this and by collaboration the writers might possibly have been enabled to make much more of the available material for their own and the reader's benefit. However, as explained above, collaboration was not allowable, and one can only express the hope that our respective points of view may not prove to be so antagonistic that the reader is left in a state of perplexity and doubt as to the true interpretation and application of the results.