

AGRICULTURAL ARITHMETIC

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Agricultural Arithmetic by W. T. Stratton & B. L. Remick

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W. T. STRATTON & B. L. REMICK

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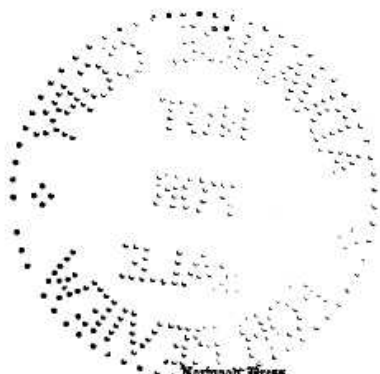
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PREFACE

THE design of this book is to provide a brief course in arithmetic for students interested in agriculture. It is the direct outgrowth of a need for such material in our work with the students in the School of Agriculture of the Kansas State Agricultural College. This text will be found adapted to the requirements of advanced classes in elementary schools in communities outside the city, the agricultural high schools, and other high schools having agricultural courses. It presupposes a fair knowledge of the principles underlying arithmetic and some facility in the use of arithmetical forms. Since students even from the same school differ greatly in their abilities to handle readily the ordinary combinations of numbers, it has been found advisable to devote some time to a review of the four fundamental operations, common fractions, and decimals.

The purpose throughout the book has been, first of all, to present the basic principles of arithmetic. To accomplish this end use is made of the problems which are met in daily experience. Boys and girls of any community can master the principles

of arithmetic to the best advantage when those principles are applied in terms of their own environment. Many boys and girls in communities outside of large cities will, moreover, have little use for purely commercial arithmetic, and if they do, they will come to it better from the training they received in the natural way with real problems as they know them.

The agricultural data of the problems are based upon the most recent reports of the various State Experiment Stations, and of the United States Department of Agriculture. From the facts so displayed in their mathematical relations it is hoped that the students may not only obtain sufficient material for drill in arithmetical processes but also be led to a better appreciation of farm life.

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APRIL, 1916.

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B. L. R.