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MSS. intended for publication and books, etc., intended for review should be sent to the Editor of SCIENCE, Garrison-on-Hudson, N. Y.

SOME PRESENT PROBLEMS IN AGRICULTURE.*

AGRICULTURE is now in a transitional stage. It is passing from the old to the new. It is pupating. The problems are great, and they all have a forward look.

Most of these problems are incapable of solution quickly. They must ripen and mature. They are many; this paper proposes to indicate only a few of them that appeal most to me.

The problems of agriculture are of pressing importance, both to agriculture itself and to the public welfare. They are of two kinds: (1) the technical problems of the business, (2) the problems of adjustment to the affairs of our growing civilization.

The problems of adjustment are of the greatest public concern, because agriculture is our greatest occupation. Agriculture is necessary to civilization. Of all occupations, it employs most men, most capital and is followed in the most places. It probably must always employ from one fifth to one fourth of the people of any self-sustaining nation. There are super-

* Paper read by L. H. Bailey before Department 18, Section on Agriculture, of the International Congress of Arts and Science, St. Louis, September 24, 1904.

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