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## Fund System Transformation and Policy Options for Agricultural Research in China — Case Study on Fund System for Breeding

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### Abstract

The support for agricultural research is being strengthened throughout the world constantly, and the key role of agricultural research to agricultural development is more and more important. In China, the total fund amount for agricultural research is also increased at all times. Nevertheless, there are some problems about the fund system, and the ultimate cause of the problems is that the system of fund raising and allocation is not rational. The system should be reformed and transformed to enforce fund raising and to enhance fund use efficiency.

Since the 1950's many scholars outside China have addressed study on agricultural research. In China, the history is shorter, the work of qualitative analyses was more than of quantitative, and the whole work has some shortages, such as: the mechanism of fund raising action have been rarely analyzed; the profit research fund from private sector has rarely been studied; the exterior conditions of research fund have rarely been evaluated; it lacks research on mutual relation and mutual action rules among fund raising structure, allocation structure, organization structure and market structure.

In this research topic the above issues will be studied to provide schemes and policy suggestions for the transformation of agricultural research fund system for China and further as reference for other developing countries. The structure change and common rules of agricultural research fund will be analyzed with case study on fund system for breeding. The results of research will be divided into commonweal results and profit results, and the fund raising actions of public sector for commonweal results and of private sector for profit results will be analyzed. Hereby, this project has important theoretical value and practical significance

**Keywords:** Fund system transformation, policy options, agricultural research