



THE CRAWFORD FUND

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# Crawford Fund

## 2009 Annual International Conference

# World Food Security

### Can Private Sector R&D Feed the Poor?

BIOGRAPHICAL NOTE AND ABSTRACT FOR

## Professor Philip Pardey



Philip Pardey, an Australian native, is Professor of Science and Technology Policy in the Department of Applied Economics at the University of Minnesota and director of the International Science and Technology Practice and Policy (InSTePP) center. Previously he was a senior research fellow at the International Food Policy Research Institute, Washington DC where he led the institute's Science and Technology Policy Program. He is a Fellow of the American Agricultural Economics Association and a Distinguished Fellow and President-Elect of the Australian Agricultural and Resource Economics Society. Author of more than 215 books, articles, and papers, his research deals with the finance and conduct of R&D globally, methods for assessing the economic impacts of research, and the economic and policy (especially intellectual property) aspects of genetic resources and the biosciences. Philip currently co-directs a project funded by the Gates Foundation (details at [HarvestChoice.org](http://HarvestChoice.org)) designed to inform

strategic decisions regarding investments in agricultural R&D worldwide, with an emphasis on sub-Saharan Africa.

### Reassessing Public-Private Roles in Agricultural R&D for Economic Development

As we move into the 21st Century, there are seismic shifts in the funding, structure and conduct of agricultural R&D worldwide that will affect the public and private performance of agricultural R&D for decades to come. Some selected science indicators--including new agricultural-specific and general R&D trends plus some intellectual property indicators related to crop varieties--and global agricultural productivity trends will be presented to frame the discussion of these changing public and private sector research roles. Tapping private sector research and technology potentials will be critical to agricultural going forward, but that does not necessarily mean a reduced role for public-sector research, especially in those markets yet to offer much in the way of commercial incentives for private participation. Making effective and efficient use of both public and private investments in agricultural research will be the key to success. Agricultural R&D is distinctive in terms of the site specificity of much of the research, and that location specificity has important implications for the potential of research to spillover from one locale (or country) to another. New, spatially explicit data and analytical tools are being developed to help target public and private research in ways that maximize their respective productivity and poverty alleviation outcomes, and some of these new approaches to informing these investment choices will be introduced.

*1899. Myrsalis Alcheringa L.*

*Gemeine Bubenkirche.*