

## ASTI in Indo-Pacific Region

With funding from the Australian Centre for International Agricultural Research (ACIAR), APAARI is coordinating the ASTI survey in the following countries, with IFPRI:



Cambodia - CARDI



Fiji - MOA



Indonesia - IAARD



Lao PDR - NAFRI



Malaysia - MARDI



Myanmar - MOALI



Papua New Guinea - NARI



Philippines - PCAARRD



Thailand - DOA



Vietnam - VAAS

Having the most accurate and complete set of data from each country is crucial for ASTI to be an effective diagnostic and advocacy tool.



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### Agricultural Science and Technology Indicators





*Inception Workshop, Thailand*

## About ASTI

Agricultural Science and Technology Indicators (ASTI) is globally recognized as the authoritative source of agricultural research statistics and analyses for the developing world. ASTI's database currently spans more than three decades and covers nearly 90 countries (<https://www.asti.cgiar.org>).

Without ASTI, reliable knowledge and information on the structure, status, funding, and focus of agricultural research performers in low- and middle-income countries would be completely lacking; comparative analyses across countries and regions and globally would not be possible; and valuable knowledge of the dynamics of change over time would be foregone.

## Institutionalizing ASTI

The value of ASTI has long been recognized by a wide variety of stakeholders. A large number of international organizations, as well as national-level decision makers around the world, have been using ASTI data and analyses to assess agricultural research in developing countries, and to influence policy for increased agricultural growth and productivity.

Reports prepared for the 2012 G8 and G20 summits explicitly call on governments to find the necessary resources to further strengthen the ASTI initiative.

## Importance of ASTI Data and Analysis

Evidence demonstrates that long-term investments in agricultural research result in improved agricultural technologies and varieties-leading to enhanced productivity, better nutrition, higher incomes, and ultimately greater food security. However, agricultural research requires a long-term commitment of sufficient and sustained funding, appropriate research staff, and well-maintained institutional infrastructure. ASTI data and analysis can help justify and support these efforts. ASTI's priority setting and decision making tools serve as resources for research managers, policymakers, donors, and others interested in increased productivity and economic wellbeing through improved agriculture.



*Analytical Workshop, Indonesia*

## Users of ASTI Data and Products

Users of ASTI data and analytical outputs include those who make and influence agriculture policy and funding within countries, as well as key staff at regional and sub-regional research organizations, international and donor institutions, and other organizations involved in agriculture and food security.

ASTI data, tools, and analysis have been used extensively at the national level to:

- Identify key staffing gaps and help support training,
- Encourage decisions to raise researcher salary levels,
- Inform efforts to restructure and reform national agricultural systems,

- Track progress toward agricultural development commitments and investment targets.

## The ASTI Survey

The ASTI survey is a regular data collection effort to investigate the status and direction of agricultural research in low- and middle-income countries throughout the world. The surveys are administered by dedicated focal points in each country.

### Time series data are collected on:

- \* The capacity and levels of agricultural research staff at government, non-profit, higher education, and private sector research agencies;
- \* Agricultural research expenditures and funding sources;
- \* The focus of research;
- \* The outputs produced from it; and
- \* Qualitative information on the policy environment for agricultural research.

## Data Analysis

Once collected, these agency-level data will be aggregated and merged with existing ASTI datasets to show long-term trends at the national, regional, and global levels. The data as well as reports, interactive country pages, and graphing and benchmarking tools for comparison and analysis will be made available on the ASTI website, <https://www.asti.cgiar.org>.



*Seminar, Fiji*