Call for Expression of Interest for Adoption Study

Mungbean production in Southeast Asia: variety adoption, use of good agricultural practices and production constraints

Background

The World Vegetable Center (WorldVeg) is a nonprofit, autonomous international agricultural research center with headquarters in Taiwan and regional offices around the globe. The Center produces a range of improved germplasm showing resistance or tolerance to specific biotic and abiotic factors, good agronomic characteristics, high yield, and specific fruit characteristics. WorldVeg has been performing research to improve mungbean since 1972, when the crop was identified as a priority legume to increase protein consumption among Asia’s poor. The Center in collaboration with national partners across Asia developed improved mungbean varieties with shorter maturity duration, resistance to major diseases such as yellow mosaic, and increase tolerance to lodging and pod shattering. For more information on the World Vegetable Center, please visit: www.avrdc.org.

National mungbean breeding programs have used WorldVeg developed genetic material to develop improved breeding lines, some of which are released/introduced by national partners and promoted to farmers. However, data on the adoption of improved technologies are unavailable for South East Asia. Such data are important to prioritize future research. Therefore, the overall aim of the study is to quantify the adoption of improved mungbean varieties and good agricultural practices for Cambodia, Indonesia, Laos, Philippines, Thailand, and Vietnam.
Study Scope

In each studied country, the local partner will conduct a study on the adoption of improved mungbean varieties and good agricultural practices for the main mungbean production areas.

In addition, the study has the following objectives:

- To create a database of key organizations and contact persons involved in mungbean research and development.
- To create a database of currently used mungbean varieties in the country.
- To characterize mungbean production systems.
- To identify constraints to mungbean production and create a list of research priorities.

The study will use an expert elicitation approach to quantify adoption rates and good agricultural practices, and to identify production constraints, as well as collecting the necessary secondary data from different sources. Estimates of adoption levels would be collected at sub-national level; thus dividing the country into distinct, non-overlapping adoption domains. Practically, the domains will be major administrative divisions to align the data with available secondary data on mungbean area and will cover at least 75% of total production. The data will be analyzed using descriptive statistics, showing the national and sub-national means and the dispersion of estimates within the expert panel.

Local partners will be responsible for the data collection and data management. And at all stages of work, will report to the Project coordinator.

Deliverables

1. A clean database organized in Excel of adoption of mungbean and associated good agricultural practices.
2. Detailed study report on the expert elicitation workshops.
3. A list of names and contacts of all interviewed mungbean experts.
Qualifications & Competences

- MSc or PhD degree in agricultural economics or development studies
- Experience in both qualitative and quantitative research methods
- Ability to do independent research
- Strong communication skills in spoken and written English
- Excellent skills to contact people and organize meetings
- Sufficient knowledge of the mungbean sector
- Experience in the use of expert elicitation or similar events, with particular emphasis on reaching consensus on decisions and facilitating problem solving, would be a significant advantage

Terms and conditions

The study is expected to begin on **4 March 2019** and has to be completed by **15 April 2019**. An attractive professional fee will be paid. Travel expenses will be reimbursed based on actual expenses on the basis of travel claims supported by receipts.

How to apply:

Expressions of interest should contain a letter explaining suitability for and interest in the work along with a curriculum vitae and date of availability to Teresa Sequeros by e-mail to tsequeros@a4dev.com with the title of the call. For further information on the adoption study protocol please contact Teresa Sequeros.

**Please note that the closing date to receive applications is Wednesday 20 February 2019.**

Please also note that only shortlisted candidates would be contacted.