



# PROJECT FACT SHEET

Soil Fertility Management for Sustainable Intensification in Pakistan:  
Baseline Input Atlas and Promotion of Soil Fertility with Private Sector

Project Code: GCP/PAK/130/USA

*The Project aims to provide a baseline atlas of current soil fertility practices, disaggregated by farm size and cropping systems, to help understand required soil fertility management changes for sustainable intensification.*

## Background

Pakistan, like other countries in the region, faces huge challenges to continue expanding its agriculture output to provide food and employment for a growing population. The agriculture sector accounts for about 22% of the GDP with roughly 11% from livestock, 9% from crops and the remainder from forestry and fisheries. Yet, more than 50% of the population depends on agriculture directly and many value added jobs begin with agricultural products, such as cotton and wool processing, leather, sugar etc.

FAO together with the Fertilizer Institute promotes a specific framework called 4R Nutrient Stewardship with the aim to achieve “Right fertilizer source at the Right rate, at the Right time and in the Right place”. The project will provide a baseline atlas of current soil fertility practices, disaggregated by farm size and cropping systems, to help understand required soil fertility management changes for sustainable intensification. Based on current practices, the project will use a compilation of best soil fertility management practices (farmer outreach to be supported under a separate project of Government of Pakistan, USDA and ICARDA) to work with Private Sector including fertilizer wholesalers/retailers, commodity and farmers associations and exporters to improve soil fertility management and appropriate use of inputs.

## Outcome:

Increased capacity of Government of Pakistan and Private Sector to promote a sustainable intensification of soil management practices.

## Output:

- Strengthened hardware, software and human capacity of the Pakistan Agriculture Research Council (PARC) to publish visual district level fertilizer and soil fertility data.
- Publishing of district-level fertilizer and soil fertility Atlas.
- Sustainable intensification of soil management practices including appropriate balanced inputs and “4Rs” promoted in collaboration with private sector actors.



## FAST FACTS

**Donor:** Government of Pakistan

**Implementing period:**  
June 2014 – December 2016

**Implementing agency:**  
Food and Agriculture Organization of the UN

**Government and Other Counterparts:**

PARC (Pakistan Agriculture Research Council)

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For more information

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