



**USAID**  
FROM THE AMERICAN PEOPLE

**CIMMYT**  
International Maize and Wheat Improvement Center



# Agricultural Innovation Program (AIP) for Pakistan

## PRIORITY AREAS

- Development of novel feed resources, feeding technologies and strategies for farm animals.
- Improving Assisted Reproductive Techniques (ART) for enhancing productivity of farm animals.
- Development of low cost animal housing and feeding management techniques for better output from native and exotic breeds.
- Diagnostic studies on feed-borne nutritional disorders in farm animals and poultry.
- Promoting 'one health concept' for prevention and control of zoonotic diseases.
- Patho-biology of Highly Pathogenic and Emerging Diseases (HPED) of livestock, and poultry.
- Combating emerging and re-emerging diseases and pests of the field and horticultural crops.
- Post-harvest management, Product processing, Value addition and Commercial innovation in cereal and horticultural crops.
- Development and Indigenization of techniques and procedures for developing certified fruit plant nurseries and vegetable seed production.
- Development of agronomic techniques for different ecological zones to enhance crop productivity through resource conservation.
- Food legume crops particularly Lentil and Chickpea.
- Climate change impact assessment and its mitigation to enhance resilience of various cropping systems through genetic and agronomic management.
- Application of genomics, proteomics and metabolomics for crop improvement.
- Impact of technology transfer and adoption of agriculture technologies
- Dynamics of comparative advantage and competitiveness of agriculture
- Agricultural diversification and implications
- Agricultural value chains analysis