Uses local and global knowledge to improve efficiency and effectiveness of crop, tree, livestock, pest and disease, and soil management.

Is based on evolving understanding of biophysical, socio-economic, cultural, gender, and other contexts.

Reduces risk and increases productivity through enhanced resilience and adaptation.

Contributes to the development of local value chains and diverse and nutritious human diets.

Is flexible and responsive to local conditions, including farmers’ access to inputs and markets.

Requires cross-sector, multilateral collaboration.

Enhances soil health and fertility, increases functional diversity, and reduces pre- and post-harvest losses.

Characteristics of AEI