

## Diversification of Plant Genetics for Improved Nutrition

### Sustainable Development Goals (SDGs)

- **SDG 1: No Poverty**

- **Target 1.4:** Improve access to productive resources, including climate-resilient agricultural technologies.
- **Target 1.5:** Strengthen resilience of vulnerable populations to climate and economic shocks.  
→ Crop diversification and improved yields reduce climate vulnerability and improve rural income.

- **SDG 2: Zero Hunger**

- **Target 2.1:** End hunger and ensure access to safe, nutritious, and sufficient food.
- **Target 2.2:** End all forms of malnutrition.
- **Target 2.3:** Double productivity and incomes of small-scale food producers.
- **Target 2.5:** Maintain genetic diversity of seeds, cultivated plants, and farmed animals.
- **Target 2.a:** Increase investment in rural infrastructure and agricultural research and extension services.  
→ The Chair directly addresses productivity, nutrition, diversity, and adaptation goals.

- **SDG 3: Good Health and Well-being**

- **Target 3.4:** Reduce non-communicable diseases linked to poor nutrition.  
→ Enhanced access to nutritious crops contributes to healthier diets.

- **SDG 5: Gender Equality**

- **Target 5.a: Ensure women's equal rights to agricultural resources and technologies.**  
→ *The Chair supports crops often grown and valued by women, such as indigenous vegetables.*

- **SDG 13: Climate Action**

- **Target 13.1:** Strengthen adaptive capacity to climate-related hazards.
- **Target 13.3:** Improve education and awareness on climate change and sustainable practices.  
→ *Climate-resilient crops reduce risk and improve food system adaptation.*

- **SDG 17: Partnerships for the Goals**

- **Target 17.6 & 17.16:** Promote collaborative research and technology partnerships for sustainable development  
→ *Climate-resilient crops reduce risk and improve food system adaptation.*

### **Agenda 2063: The Africa We Want**

- **Goal 1:** A prosperous Africa based on inclusive growth and sustainable development.
- **Goal 5:** Modern agriculture for increased productivity and nutrition security.
- **Goal 7:** Environmentally sustainable and climate-resilient economies and communities.
- **Goal 17:** Full gender equality in all spheres, including agriculture and research.
- **Goal 18:** Harnessing Africa's demographic dividend through investments in education and research.

### **South Africa's National Development Plan (NDP 2030)**

- **Chapter 3:** Economy and Employment – boost labour-intensive agriculture and agro-processing.
- **Chapter 6:** Inclusive Rural Economy – promote climate-smart food systems and resilient farming.
- **Chapter 10:** Promoting Health – address malnutrition through improved diets.
- **Chapter 5:** Environmental Sustainability – invest in ecological adaptation and crop biodiversity.
- **Outcome 7:** Vibrant, equitable, and sustainable rural communities and food security for all.
- **Outcome 10:** Protect and enhance environmental assets and natural resources.