

A Proposal for the Young Scientist Project

Title	Management Techniques for Issues and Parasitic Weeds in Agricultural Land
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1. Course Outline

- **Personnel:** KAFACI member countries
- **Period of Training:** March 2025 – November 2025 (8 months)
- **Implementing Department:** Crop Protection Division, National Institute of Agricultural Sciences
- **Research Studies Currently Being Implemented**
 - Development of post-emergence control technologies for the invasive parasitic weed *Cuscuta Campestris*
 - Diversification and digitization of the biological resources and specimens of major agricultural diseases, nematodes and weeds
 - Impact and vulnerability assessment and investigation of sporadic and major weeds for climate change

2. Plan Course Direction

- **(Training Objectives)** Acquire Management Techniques for Major Issues in Agricultural Land, including Parasitic Weeds
 - * Key Outcomes: 1 oral or poster presentation, research paper publication
- **(Systematic Expertise Development)** Strengthen weed management capabilities through the implementation of research projects
- **(On-Site Problem-Solving Capability Development)** Enhance the ability to manage problems and parasitic weeds in member countries

3. Qualifications of Participants in Young Scientist Project

- **(General Requirements) Requirements for all Young Scientists**
 - Must be a government official from a KAFACI member country, recommended by the head of their affiliated organization.
 - Must hold a master's degree or higher in a relevant field with at least five years of related experience.
 - Proficiency in English and strong computer skills are required.
- **(Details) Additional Requirements**
 - Applicants with advanced knowledge and research experience in the field* holding a Master's degree or higher
 - * Relevant Fields: Agronomy, Botany, Weed Science