Trainings Programs

RISE provides practical training courses in the following areas:

Integrated Pest Management
Topics offered include general as well as specific subjects, such as biological and chemical crop protection methods, personal safety, main pests and diseases, and control methods.

Water Management, Fertigation and Irrigation
The training course covers different types of irrigation systems and their efficiency, the design and installation of irrigation systems, as well as the operation and maintenance of fertigation systems.

Farm Management
This category focuses on how to manage a farm internally, when to expect problems and how to solve them and make the right decisions, as well as the means of following market trends when creating marketing plans.

Quality and Food Safety
This course covers a wide range of courses such as quality control, quality assurance, different certifications and the basic principles of health, safety and hygiene.

Soil and Plant Nutrition Management
Participants may select between courses that cover soil and water analysis, soil assessment and plant nutrition needs.

Crop Production: A Crop from A to Z
Participants gain valuable information on a specific crop, from soil preparation to delivery in the market.

Nursery and Greenhouse Management
This course covers subjects that include greenhouse construction, seed and seedling quality assessment, as well as the grafting of different crops.

Waste Management
This course focuses on the importance of waste management for a cleaner farm and compost production for the crops.

Agricultural Machinery
This course focuses on the operation, maintenance and calibration of different agricultural machinery.
WELCOME TO RISE

The American University in Cairo’s Research Institute for a Sustainable Environment (RISE) is dedicated to promoting sustainable environmental research in Egypt, the Middle East and Africa. RISE promotes sustainable development through raising awareness of sustainability in the agricultural, renewable energy and social sectors. It builds on the legacy of the Desert Development Center (DDC), which was founded in 1979 and served as an applied training unit of AUC, combining theory with practice. The three pillars of RISE — research, training and services — allow for a complementary progression toward the institute’s ideals. Training programs at RISE focus on practical, on-the-job assignments, along with a collective comprehension of up-to-date theories. RISE training facilities are located at AUC’s New Cairo campus and the Sadat City station.

What RISE Offers?

Research
RISE is an outreach center for educational programs, technical training and community services. In addition, the institute engages with local communities through sustainable development projects, such as renewable energy and waste management initiatives, evaluation of water use in irrigation practices and natural resource management.

Training
Tailor-made Training
Based on the demand of organizations or participants, RISE trainers often develop tailor-made training programs to deal with localized problems and questions in the horticulture sector.

Training Needs Assessment
RISE’s experienced trainers and research team run training needs assessments to analyze the challenges facing companies and provide effective recommendations on what training needs are required.

Regular Training Programs
RISE offers a wide range of basic, intermediate and advanced agricultural courses.

Services
RISE houses fully equipped, high-standard laboratories providing soil, water, fertilizer and nematode analysis at the Sadat City station. Internal audits on quality and food safety certification are provided by RISE trainers upon request.

Trainers
All courses are taught by professional, well-experienced RISE trainers who receive continuous instruction on current teaching techniques and practices in both Egypt and the Netherlands. RISE trainers are certified by the Dutch training center, PTC+, and other international partners.

Clients
• Private agricultural companies
• Public organizations
• Farmers associations (including commercial, medium-size and smallhold farmers)
• Food processing companies
• Individual exporters
• Plant breeding and propagation industry
• Donors
• Agricultural departments at Egyptian universities