

**Colloquium Field Trip**  
**Sustainable Agriculture**  
**ECHO –Educational Concerns for Hunger Organization**



**Learning Objectives:**

- Identify sustainable agricultural approaches.
- Define agricultural challenges faced by rural farmers around the world and identify possible solutions.
- Describe appropriate technologies and techniques as presented by ECHO

**Key Concepts:**

- Appropriate technologies
- Biofuel
- Compost
- Sustainable Agriculture
- Hunger solutions
- Water safety and water quality
- Irrigation techniques
- Empowering third world farmers
- Importance of Seed Storage/ Seed Banks
- Agricultural techniques for different ecosystems
- Neem
- Chaya
- Moringa
- Live fencing
- Benefits of small animals - the five "Ms" - Manure, Meat, Milk, Money, Muscle
- Urban Gardening techniques
- Deforestation

**Resources:**

- <http://www.echonet.org/>
- “A walk around the world at ECHO: a look inside ECHO’s Global Village” brochure