

# Regional Conference on Water and Sanitation

## “Lessons learned on implementation of alternative agriculture in three Armenian villages”

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# Goal:

To study the possibilities of pesticide reduction and changing to organic farming in Armenian villages Fantan, Dzoraghbyur and Hayanist in the frame of the TMF project 2005-2007





# Objectives:

- Raise awareness about organic farming through information and education of farmers in three villages
- Demonstrate the methods of alternative agriculture in the experimental fields and orchards in Fantan, Dzoraghbyur and Hayanist
- Learn & apply the IPM approach replacing pesticide usage by plant liquids (herbal pesticides)





# Activities

- Leaflets about methods of organic farming such as bio humus, compost and plant liquids were prepared and delivered to the villagers
- Guides for farmers were created and distributed





# Activities

- Participation in international and national meetings, conferences, workshops and other events for sharing the experience and information
- Presentation of organic farming pilot project results at the PAN annual meeting in Bologna





- **International “Networkshop”  
WECF and UNSER LAND  
19 to 23 January 2006, Munich**



- **Organic Agriculture Development  
Perspectives and Opportunities in  
Armenia 26.01. 2006**





- Experimental fields and orchards for organic farming were chosen





# Activities

- “Alternative to pesticides” brochure was created and distributed
- Soil sampling and analysing
- Schemes of crop rotation
- Certified seeds and high quality apricot and peach seedlings





- Usage and preparation of bio humus as the best organic fertilizer



- Usage of AZOTOVIT-1 as a nitrogen bio-fertilizer





# Activities

- Cultivating, fertilizing and seeding



**Onobrychis**



**Winter wheat**



**Spring barley**



**Cultivating, seeding**



**Spelt**



- Treatment of trees, using plant tincture instead of pesticides



- Hunting belts against insects

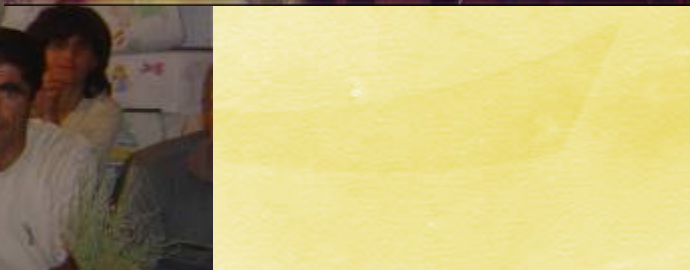


- composting

- biological (pheromone) traps in each orchard against (*Laspeyresia*) seedworm



- Field days, seminars and trainings for farmers and schoolchildren





# • Autumn Fair of Organic Produce



21.09.2007



- Apples biodiversity in different countries

- The apricot and peach mixed organic orchard in Hayanist village





# Lessons learned:

- Good partnership on all levels is the prerequisite for successful implementation
- The behavior and approaches of conventional farmers sometimes make it difficult to implement alternative farming
- Positive experience of IPM implementation
- People became aware & trustful of alternative approaches such as homemade herbal pesticides, which save money and result in healthy & clean products
- The possibility of developing alternative agriculture and income generating activities in pilot villages was confirmed
- Financial support from the government to those farmers who are engaged in organic farming is very important
- Support farmers in their way from field to the market





A young child with short brown hair is sitting on a large pile of straw. The child is wearing a light-colored long-sleeved shirt with a floral pattern, purple pants with white bows, and black sandals with colorful socks. The child is holding a red apple in their right hand. In the background, there is a metal bucket filled with straw. The text "Thank You For Your Attention" is overlaid on the right side of the image in a white, bold, italicized font.

***Thank  
You For  
Your  
Attention***