

# ON FARM RESEARCH

**Generation 1** – finding non-ozone depleting fumigant alternatives (tactic substitution)

**Generation 2** – finding non-fumigants and focus on IPM tactics (tactic diversification)

**Generation 3** – focussing on the pathogens and pests and reduce their presence (avoidance/suppression)

**Generation 4** – mutual vision

# STRENGTHENING EXTENSION THROUGH ON-FARM RESEARCH

**Adapted from: Roger Crickenberger for: Alternative Research Strategies for Sustainable Farming Systems SARE PDP training. September 21, 2000**

1. What are the essential elements or tenets of on-farm research?
2. Strengthening the professional extension worker
3. Strengthening the program foundation
4. Strengthening farmer capacities and information
5. Challenges and limitations
6. Application of on-farm generated research

Alternative Approaches to On-Farm Research and Technology Exchange. 1995. Francis, Janke, Mundy, and King, editors. Extension and Education Materials for Sustainable Agriculture: Volume 3. University of Nebraska-Lincoln. Lincoln, NE

How to Discover Money Saving Opportunities: A Farmer's Guide to On-Farm Research. 1990. Janke, Thompson, McNamara, and Cramer. Rodale Institute. Emmaus, PA.

How to Conduct Research on Your Farm or Ranch. 1999. Sustainable Agriculture Network.