

**SUMMARY OF THE FSN FORUM DISCUSSION
BIOLOGICAL PESTICIDE RESEARCH AND EXTENSION
FROM 22TH MAY TO 14TH JUNE 2008**

I. RELEVANT EXPERIENCES AND USEFUL CONTACTS

- The Sustainable Agriculture Information Network (Sustainet, <http://www.sustainet.org/index-en.html>) is working on the use of biopesticide in organic agriculture and providing related training. **Contact:** Dr Poonam Pander, GTZ, poonam.pande@gmail.com
- The Non Pesticidal Management (NPV) movement in Andhra, India has been led by the Centre for Sustainable Agriculture (CSA, <http://www.csa-india.org/index.htm>) for more than 15 years. Bio-pesticides are made from neem and other plant species and the animal dung, urine and other products. **Advices:**
 - Bio-pesticides were effective in managing the pests only if farmers adopt proper preventive steps in the form of surveillance and management practices.
 - An **input internalisation model** is most effective in helping farmers to gain control over the resources and also the local knowledge and resources
 - The institutional base of Community Based Organizations (grass root extension system managed by the community) like Federations of Women Self Help Groups provides a good platform for scaling up ecological farming practices such as the use of biopesticide.

Contact: Dr. Ramanjaneyulu, G. V, gvramanjaneyulu@gmail.com

- Experiences of Dave Nowell, from the International Plant Protection Convention (IPPC) Secretariat. He is based in the regulatory world, which covers R&D and some aspects of commercialization, concerning biopesticides which involve replicating biological entities. **Contact:** Dave Nowell, dave.nowell@fao.org
- Expert Group Meeting on Strengthening South-South Cooperation and Technology /Transfer/Adaptation for the Utilization of Neem in the Production of Biopesticides and other Products, Nigeria, 10/2007. The meeting has had relevant recommendations as follows:
 - based on the Indian model of Neem Kernel Aqueous Extract (NKAE), low cost technology of NKAE should be adopted in West African countries especially for resource poor farmers for wide-scale application of Neem based pesticides in plant protection programme;
 - UNIDO assists countries in Africa to prepare GEF project proposal for the mainstreaming, conservation and sustainable industrial utilization of medicinal, aromatic and pesticidal plants (such as Neem) in agricultural production landscapes;
 - countries are encouraged to develop value-added step-wise products from initial start points such as seed collection through processing in the Neem based Technology Development.

Contact: Mr Ukwe, c.ukwe@unido.org

II. REFERENCES

- Non Pesticidal Management: Learning from Experiences at

http://km.fao.org/fsn/resources/fsn_viewresdet.html?r=437

- Down to Earth, Science and Environment Fortnightly May 2006, at http://km.fao.org/fsn/resources/fsn_viewresdet.html?r=436
- Development, evaluation, production and application of eco-friendly neem based pesticides- an Indian experiences (PowerPoint presentation)

<http://neem.tea-nifty.com/neem/files/12.%20Dr.Yash.Pal.%20Ramdev.pdf>

- Communiqué of the Expert Group Meeting on Strengthening South-South Cooperation and Technology Transfer/Adaptation for the Utilization of Neem in the Production of Biopesticides and other Products

<http://www.ics.trieste.it/Portal/ActivityDocument.aspx?id=5275>