

# KYUSEI NATURE FARMING AND EM TECHNOLOGY

GUIDELINES FOR PRACTICAL USE



**APNAN**

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## PUBLISHERS

### ASIA PACIFIC NATURAL AGRICULTURE NETWORK

APNAN, the little network, located in Kularb Apartments in Saphankhwai, Bangkok, Thailand, was first established in 1989 with 13 member nations, and funded by the International Nature Farming Research Center, Atami, Japan, through the generous support of the Sekai Kyusei Kyo, Japan and Thailand. The mandate given at its inception was to elucidate the scientific basis and validity of Nature Farming and the technology of Effective Microorganisms (EM), which was integrated into the concepts of Nature Farming.

From small beginnings, the network moved on to facilitate research and information, produce EM, advise all interested and train people from all walks of life on the concepts and practical aspects of Nature Farming. The network helped organize major conferences on Kyusei Nature Farming in four continents and was instrumental in presenting the identity of Nature Farming at international forums such as the IFOAM and ISOFAR conferences. The network was also responsible for planting seeds of interest on the technology of Effective Microorganisms in all continents of the world and today EM is being blended into even chemical systems to reduce pollution and to help preserve the environment for future generations, as advocated by Mokichi Okada, the founder of Nature Farming principles.

The network also provides training on Nature Farming and EM Technology to interested groups, using the excellent facilities offered at Sara Buri Kyusei Nature Farming Center, managed by the Sekai Kyusei Kyo of Thailand. Information is disseminated, and the Newsletter developed and circulated thrice a year among a readership spanning all continents. The network is run by a few staff and volunteers and is very efficient in its management of resources. Today it is sponsored by the EM Research Organization of Okinawa, the INFRC of Japan and is supported by the Sekai Kyusei Kyo of Japan and Thailand.

**All interested in the work of the network – please contact its office at**



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### THE INTERNATIONAL NATURE FARMING RESEARCH CENTER

The International Nature Farming Research Center, located at Atami, Japan, was established in 1985 with the objectives of enhancing economic stability of farmers and producing nutritious and good quality food for humankind through the promotion of Nature Farming. Thus, the INFRC undertakes research and extension programs on Nature Farming based on the principles of Nature Farming advocated by Mokichi Okada, who stated the importance of respecting nature and conforming to its laws. The importance of allowing soils to exhibit their inherent potential is also a key to the principles of Nature Farming, which is promoted by the INFRC.

Today, the INFRC supports over 1900 Nature Farming units in Japan – both in crops and livestock operations. It also has a research farm at Hata, Nagano where scientists are diligently working towards the validation of Nature Farming. The INFRC also promotes the use of EM Technology to stimulate the soil biota and enhance productivity.

The international activities of INFRC range from being associated with the International Federation of Organic Agriculture Movements (IFOAM), supporting the Asia Pacific Natural Agriculture Network (APNAN) and also research and development in many nations such as China, Laos, Myanmar New Zealand, Bhutan and Sri Lanka.

In the recent past, the INFRC has been accredited to certify organic agricultural products and organic agricultural processed food under the JAS Organic Certification scheme of the Ministry of Agriculture of Japan, which is now promoting Organic Agriculture. Thus, the INFRC is a very dynamic organization working diligently to provide a sustainable system of producing food through Nature Farming, based on principles of Mokichi Okada.

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## **GUIDELINES FOR PRACTICAL USE**

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This manual presents guidelines for the adoption of Kyusei Nature Farming and EM Technology. The guidelines are not intended to be absolute instructions for the use of EM in Kyusei Nature Farming. In contrast, the guidelines stated herein need to be modified and utilized on the basis of diverse environments, available resources and the rates of adoption. The authors and publishers are happy to answer any queries of readers and users of the technology presented in this handbook to meet specific situations.

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Gratitude is also expressed to the President and management of EM Resarch Organization, Okinawa, Japan for providing the services of three authors and for their support to the spread of EM technology in the world through APNAN.

To all others who helped make this handbook a reality, the authors and editor say - Thank you.

Bangkok, Thailand  
March 2011

The cover page depicts Nature Farming in practice with EM Technology.

# KYUSEI NATURE FARMING AND EM TECHNOLOGY

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