

**A Natural
Farming System For
Sustainable Agriculture
In the Tropics**

By Keith O. Mikkelsen

A Natural Farming System for Sustainable Agriculture in the Tropics

Using EM or EM1® (Effective Micro-organisms).

Used as a Training Manual for a Sustainable Agriculture Course

Seminars: Saturdays 8:00 AM

Consultation: Mondays - Saturdays by Appointment

Advanced Training: by Appointment

1st Printing

2005 Keith O. Mikkelson

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Keith O. Mikkelson

Founder / Executive Director

Dedicated to
all the Tropical Natural Farmers,
like Andry Lim and Simon Gill, who taught
me the benefits of growing food naturally.

And to my Grandfather, Orlando Mikkelson, who tilled the earth in
Wisconsin just as his Norwegian immigrant parents did before him.

And to the contemporary authors like Elliot Coleman
and John Jeavons, who showed me through
print how to do it profitably.

QuickTime™ and a
TIFF (Uncompressed) decompressor
are needed to see this picture.

**My family started with draft horses. Later my grandfather converted a car into
the family tractor and used it to work the land in Wisconsin.**





Simon Gill and Andry Lim (right) mix up a brew of Fermented Plant Extracts.



Simon Gill, Director of Bountiful Harvest, left, and the author team-teach on the proper use of beneficial microorganisms in the tropical farmscape. Aloha House has trained over 1,000 farmers and gardeners on natural methods of food production.

Acknowledgement

I would like to acknowledge those individuals who read various manuscripts and gave helpful advice that made this book more than what I could have done on my own. Annacar Billano helped with spelling, grammar and publishing. Dr. Suzanne Evangelista gave my English the polish that only a professor in literature could. Simon Gill was helpful as a horticulturist. Both Simon Gill and Dave Blowers gave me the British and American perspectives as it relates in an Asian context.

My wife patiently edited and gave salient points to improve the format as well as inspire the cover layout. She is an inspiration to me and a blessing to her people.

It is the Creator Himself, the Lord Jesus Christ, whom I acknowledge as the One who holds the universe in His hand. He gives man insight into the creation in order to produce healthy food products that keep His servants effective in the Kingdom.

Preface

This book is an important work for tropical agriculture. There are very few resources that are truly “organic” and practical for the everyday farmer in the tropical setting. This book covers material that is extremely useful for the day-to-day operation of a farm or garden. It contains planning material that takes into account logistics as well as timetables.

This is not a guide for the agronomy student. I have identified several species that work well for us, but I do not have a planting guide for rice or corn or vegetables. These guides are readily obtained from seed suppliers and general horticultural works. If the reader looks carefully, he will find that I have given a system for natural fertilization in place of the chemical recommendations by traditional methods. Some creative adaptation will be required if your conditions and climate vary. We have a high acid clay soil that was rainforest at one time. Over the years a cogon grass has established itself. That is our starting point and our formulas can be changed for particular challenges that the reader may be facing.

This is not a How-to-do-it manual. Rather, this is a HOW-WE-DO-IT book based on my “Sustainable Agriculture in the Tropics” manual. It has been used to train and equip hundreds of small-scale farmers and gardeners in the natural farming adventure. It is an adventure worth taking, as few things in life will improve general health and well being as much as quality food products grown to their full potential.

Keith O. Mikkelson – Fall 2005

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Butterflies are commonplace in the natural farm.

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A Natural Farming System

A Natural Farming System Sustainable Agriculture

Sustainable Agriculture



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<http://www.CustomFlix.com/207585>

Course Two

<http://www.CustomFlix.com/207646>



My wife, Nancy, poses with our 4+ kilo papaya “world champion”, raised in only 20 liters of fermented kitchen garbage made with 12¢ US (6 pesos) of bokashi