



INTERACTIVE MICRO-ORGANISMS LABORATORIES

INTEGRATED BIOLOGICAL FARMING SYSTEMS FOR A MORE SUSTAINABLE WORLD

IMO Labs, through the judicious use of biological agents and the incorporation of best farming practices, has developed integrated biological farming systems which are both environmentally sustainable and commercially viable.

Whether you are growing fish for food, pineapples in a plantation, organic vegetables in vertical farming modules, or oil-rich crops for bio-fuel production, IMO Labs has the experience and solutions to enhance your productivity.

BIOSEA SYSTEM FOR FISH AND PRAWN FARMING

The Biological Sustainable Enhanced Aquaculture (BIOSEA) system is a biological system designed for intensive aqua-farming using earthen ponds without need for expensive engineering infrastructure nor chemicals.

The water and soil environment in grow-out ponds are maintained using combined algal-microbial interactions. Organic, inorganic and heavy metal pollutants are remediated using biological agents.

BIOSEA is particularly suitable for rehabilitating abandoned or sick farms.

OVF SYSTEM FOR VEGETABLE FARMING

The Biological Organic Vegetable Farming (OVF) system is a biological farming system for the intensive production of legumes, fruity and leafy vegetables, using locally available raw materials for the production of crop-specific enhanced bio-organic fertilizers.

OVF results in increased productivity through healthier plants, faster maturing time, longer harvest periods and higher yields.

OVF is particularly suitable for re-conditioning of depleted soil or transforming wasteland into fertile organic vegetable farms.

CROPSYS PROGRAM FOR PLANTATION CROPS

CROPSYS is a series of biological systems and fertilization programs for improving the yields of plantation crops such as rice, pineapples and bananas.

Higher quality produce and superior yields are achieved using hybrid fertilization program combining the use of chemical, bio-organic fertilizers, liquid bio-organic fertilizers as well as recycling of locally available plantation waste.

CROPSYS is particularly suitable for rehabilitating plantations depleted by prolonged use of chemical inputs.

INTEGRATED BIOSYSTEMS

The integrated bio-systems are made of inter-related bio-systems whereby the waste from one bio-system is used as a resource in another bio-system. Integrated bio-systems provide improved working models for ecologically sustainable development of primary industries.

IMO Labs has experience in implementing several integrated bio-system projects.

Interactive Micro-Organisms Laboratories Pte Ltd
Bio-Innovation Centre, Unit Q.505, 180 Ang Mo Kio Avenue 8, Singapore 569830
Tel: +65 6455 0087 • Fax: +65 6455 0587 • Email: enquiries@imolabs.com • Website: www.imolabs.com