

ABSTRACT

Research Project Title : The Using of Indigenous Micro-Organism to Vegetable Production in Concept of Self-Sufficient Economy of Agriculturist at Ban Booncham, M.1, T.Numlao, A.Rongnkwang, J.Phrae.

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The Research is Concern to Using of Indigenous Micro-Organism for Vegetable Production in the Concept of Self-Sufficient of Agriculturist at Ban Booncham, M.1, T.Numlao, A.RognKwang, J.Phrae with Purpose in order to Study and Collecting of Knowledge about Using of Indigenous Micro- Organism for Vegetable Growing of Agriculturist at Ban Booncham, M.1, T.Numlao, A.RognKwang, J.Phrae and Testing in Laboratory of Meajo University Phrae Campus to Separate Sort of Indigenous Micro-Organism Reactane from Instance of Participate Agriculturist about 2 Persons, through jont of Set Experiment-Bed up with together to Find Optional in Using of Indigenous Micro- Organism of Growing of Chinese Kale and Chinese Mustard, and take Knowledge come back of Teach for Pupils, Students and People from nearby Communities by Training Process for jont Learning from Resource Person in Community and Real Practise within their Home area for Technology Teaching Center and Knowledge Service of Village for using of Indigenous Micro-Organism in concept of Self-Sufficient Economy of King Bhumipol Aduldej.

The Research Output found that :

Agriculturist who Grow Vegetables at Ban Booncham, M.1, T.Namlao, A.RoghKwang, J.Phrae, are Popular to take Water Organic Fertilizer wich is made from Finish Micro-Organism Packing (PD.2) and Herb-Plants Ferment Water for Insect Chasing

which is made from Finish Micro-Organism Packing (PD.7) that get from Department of land Developing, which is Fermentitized by Station of land Developing area7, A.RongKwang, J.Phrae, to set Ferment Reactat up for Green Plants Ferment in Village, which is Comfortable of Agriculturist because of they are not Pay for and Cost of them, but in the other Hand, it is Responsible of Service unit of Government to be Continue Production and Spend lots of Budget, so Staff of Researcher to Teach the Keeping Method of Indigenous Micro-Organism from Bamboo to Produce Ferment Reactant of Water Organic Fertilizer and Herb Plants Ferment Water for Insect Chasing by themselves, and Efficient using for Vegertable Growing on.

Ezperiment Output in Laboratory of Maejo University Phrae Campus to Separate Sort of Indigenous Micro-Organism Found that it Kare many Fonguses more Over 13 Sorts, which are not Different in Ban Booncham, M.1, T.Numlao, A.RognKwang, J.Phrae. For the Result of Micro-Organism line to Speed up Growth of Vegetable and some Sort can Produce Poison Substant for Insect Chasing and get Rid of Vegetables Disease.

Ezperiment Sesulf in Grow Plot of Land of Chinise Kale and Chinese Mustard of Mrs.Sarunya Rattanasopin and Mrs.Sunee Kasakhasem by set up Experiment Planning into Randomized Complete Block Design (RCBD), by Devide Experiment into 3 Treatments and 4 Replication to Find Testing of Optimal in Yield per Rai, all Ouantities of Leaves, through cause of Spot leaf Disease Occurred and Damage of Insect by Mean Finding, Method (Compare ; Treatment Mean in Ducan's Multiple Rang Test, Found that it did not Different in Statistical and to use them together such as Organic Fertilizer, Water Organic Fertilizer(from PD.7), Wood Smoke Vineger and Indigenous Micro-Organism Reactant from Bamboo,etc. and Take them use in Chinese Kale and Chinese Mustard Efficient include to Reduce cost, Safety from Disease and Insects. Besides, to Respond to Concept of Self-Sufficient Economy of King Bhumipol Aduldej Efficient

Suggestion ;

Agriculturist is Grow Vegetables at Ban Booncham, M.1, T.Numlao, A.RognKwang, J.Phrae, should Speed up Relative Information and Expand Production of Water Organic Fertilizer from Green Plants Fermentation and Herb Ferment Water for Insect Chasing by take Reactant of Indigenous Micro-Organism from Bamboo, which is Agriculturist can make it into Reactant Instead of Catalyst PD.2 and PD.7 from Department of Land Developing to al Comunities, which are Grow Vegetables and to Support Group of Agriculturist to Produce Ferment Water of Bio-Indigenous Micro-Organism for Formal sale and Respend to Market Demand of Entrepreneur of Rubbish Separate Factory for Recycle to Reduce Smell Pollution Problem in Factory in Present Time, can Sove the Problem by Spray Ferment Water of Bio-Indigenous Micro-Organism Throughout area, in the other Hand for Group of Vegetables Producing in Community can also get income. Besides, all Group of Agriculturist in Every Community can also Produce Organic Vegetable for sale to Non-Stop in their Province.