



Report
ORGANIC FISH FERTILIZER PROJECT
Period January 2010 to December 2010

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Management and recycling of waste fish prevents return this remains to the sea, keeping the oceans healthy, prevents pollution, proliferation of pests and diseases.

The aim of the group Vision-Mujer is to maximize the use of fishery waste by recycling, in order to obtain an organic fertilizer made from fish waste to use in gardens and crops. The production of organic fertilizer from fish waste is a viable production alternative, and this type of Fertilizer is a product that is developed and exploited in many parts of the world with very good results.

During the project management the following goals were achieved in developing the project Vision-Mujer :

- The project Vision-Mujer management began in January 2010 and consolidated the working group with a total of 6 active members.
- January 2010 meetings were held where we determinate the project and needs for production.
- January we started the search for an area to produce the organic fertilizer.
- February the group signed an agreement with the Fish Cooperative Laguna Makax who provided us with the production space within their facilities.
- The group applied a request to the program Productive Asset Acquisition from SAGARPA, which was approved on March 16, 2010, with a financial support of \$ 160,000.00 m.n.
- April 2010 started remodeling the site for production.
- May 2010 we buy the machinery for the production.
- May we meet with each Fishing Cooperative from Isla Mujeres to present the project and seek their cooperation for the recollection of fish waste and sign the agreement
- August 2010 we take the training course in:
 1. Developing and management project
 2. Fishing waste recycling and elaboration of liquid organic fish fertilizer.
- In October 2010 we started the test production ante the formula, observe their behavior and adaptation to climate in this area, in order to obtain a quality product. This fertilizer has not been produced in the region and that is why we did not know the behavior of the product development process.

After a month of testing we conclude:

1. The production space is not ideal for the strong odor of decomposition process as the area's climatic conditions increase.
2. The smells and affect the fisherman's cooperative.
3. The Producción space is small for our necessities.
4. We need to get other tools that allow us to make this work more efficiently and secure.
5. According to the recommendations of experts in the production of fertilizers they suggest produce a dried formula, since it is a process that produces less odor and its management is simpler.

Where is the project?

- We are negotiating a collaboration agreement with the National Institute for Forestry, Agriculture and Livestock (INIFAP) for provide us technical support for research and production of a drying formula.
- We are preparing the application to enter the Technical Support program in technological innovation of SAGARPA and cover costs to the INIFAP for developing the formula.
- We are doing request for financial support in the municipality of Isla Mujeres to conclude with the legal establishment of cooperative and the purchase of uniform.

Goals for 2011

- Consolidate and sign a commitment with the Forest Research Institute, Agriculture and Livestock and start the research to get formula and they provide us all necessary technical support throughout the working process.
- Establish a protocol and work plan between the Cooperative and the INIFAP to work together on the development of the formula.
- The group will deliver a request for economical support through the Ministry of Economy and Ministry of Economic Development to get the rest of the tools of production.
- The group will deliver an application to obtain economic resources through the Secretary of Labor for capacitating courses in compost production, organic gardening and Strategic Planning and Cooperatives.
- Finding a suitable land on Isla Mujeres that meets the needs of fertilizer production and find economical resource through the government or private initiative to allow us to adquire the land.
- The group also aims to build an organic garden for self-consumption and for school tours and tourist.



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