

EM IN A SOYBEAN CAKE FACTORY

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The problems in his factory, were the foul odor of the soybean residue, and the water pollution from garlic preserving and bamboo shoot preserving. His factory was complained about to the Governor, by the people who lived nearby.

He had tried to bury the soybean residue but the result did not satisfy him. It took a long time to decompose. When he knew about EM he understood that the soybean residue could be changed to a useful compost by EM. He did not hesitate to use EM with the residue. The bad smell disappeared and it was the best quality compost for plants and flowers in his farm such as sweet tamarinds, pomeloes, teaks and some flowers. The ingredients of soybean compost were;

Soybean residue	1 part
Rice husk	1 part
Peanut peel	1 part
Rice bran	1 part
EM and Molasses	20 cc each
Water	10 litres

Soybean compost could keep for a long time, it was kept in sacks (5 kg/sack). The price of one sack was 18 baht. There were 16-20 buckets of soybean residue per day, so the soybean compost was also produced for sale.

In order to suppress the foul odor in the waste water pond from the factory, four 200 litre buckets of multiplied EM were put on the channel from the factor to the ponds at intervals. EM was dripped from the buckets all the time.

There were three ponds of waste water. In the first pond there was a rocky channel to the second pond, and the same to the third pond. The water in the third pond was clean the people who lived nearby used the water in this pond. In the rainy season the soybean residue did not dry and it caused a very bad smell, so an incubation room was made for drying the soybean residue, then it was made into compost. EM could reduce the pollution in his factory and could change the waste products from the factory to be useful for plants and the people nearby. EM was not only used to suppress foul odor in the water, but also used to suppress foul odor for the dog's dung in each cage. Many dogs were raised by Mr. Montri.

There have been many visitors both foreigners and Thais, to his factory. They were very impressed by his concern to protect the environment.

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