

Fujieda Field Trip Report

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In Fujieda area, I studied about the organic tea plantation, rice cultivation and water irrigation management system. I got the knowledge about the little insect pests in their tea and paddy field. They don't need to use any pesticide. Because of they never use pesticide in this tea plantation so there are many beneficial insect to control their prey pests. So there is no environmental impact by using chemical pesticides and chemical fertilizer. And then no more money to use for this cost and quality is so good for human health by consuming this kind of organic products.

In my country there are many area of tea plantation. But it is very difficult to reach this area. So this is the first time I see the tea plantation and so amazing for this view. And then I asked to the tea picking system to the tea plantation farmer. I was so surprised about that they picked the tea leaves by using machine. She said that if tea leaves will pick by human hand can get good quality but they can't do by human because of very difficult to get labor and so expensive in Japan.

I learned about the irrigation system in this area. I got the new information about the irrigation system which has the different water inlet and output system for rice field. By doing this irrigation system, the lowland field can not affect from the chemical residue from the upside field. When we use irrigation water by passing for one field to another, the water temperature will increase one field after another from upper field to lower field. So their using irrigation system is very affective for controlling increase water temperature. It is very new information for me. Because of in my country I haven't been this knowledge. I think it is very good idea for irrigation system which can also avoid from disadvantages of chemical residue.

After that I planted the rice. The plantation of rice is very funny and enjoyable for me. I can exchange some information about the organic farming system with local young farmers. At here I would like to deliver the instruction of one kind of organic fertilizer which I got from the Kinezuka family.

Crab shell	5%	} (N = 6.9 P = 4.3 K = 1)
Fish meal (N=0.4)	15%	
Bone meal	10%	
Sesame meal	30%	
Soybean cake	25%	
Rape seed oil cake	15%	

The field trip was very interesting because I had never seen tea plantation and pure organic farming system. So I got a chance to study about the organic farming system. The most attractive things to me is non chemical pesticide use for tea plantation. I believe that this kind of organic tea plantation is one kind of sustainable agriculture for long term benefit for the environment. Moreover, the explanation of Furuichi sensei about the irrigation system was so informative for me. Their irrigation system is very affective for avoiding the environmental problems and the chemical residue effect. There are many benefits that I learned in this field trip. I had experienced about there is very different tea picking system with my country. Finally I could get the valuable knowledge about the Japanese custom and field experiences from Fujieda field trip.