

## **Technology and Agriculture**

# Chihiro Yamaguchi 2<sup>nd</sup> year, International Environmental Agriculture and Science, TUAT

Fujieda field work was a good opportunity for me. Although this field work was third time, I could always get new experience. As I went to the Kinezuka organic farm in Fujieda as advance team, I could discuss with Kinezuka Family during the dinner. Then we talked about nuclear accident and radiation. They, organic farms, were in danger of radioactive material and angry against nuclear power.

After earthquake and nuclear accident we could not help considering technology and sustinability. And our group discussion team decide 'Technology and Agriculture' as our theme. This theme is very important, because assimilation between technology and agriculture is the philosophy of our university. I report at the viewpoint of both technology and Agriculture.

### Viewpoint From Technology

Technology and science made us very comfortable and support our life. It is too difficult to live in without technology, for example, cell phone, computer, car and more. Can you image your life without them? Can you go back to the old age? We cannot do that. Although in fact we had damaged our environment in many places, we should solve environmental problems with technology. In case of nuclear accident, we think that we must challenge this problem with higher technology.

And we need to connect technology to agriculture. Now world population is increasing more and more. We must product more food to supply increasing people. So we should support plant factory, chemical and genetically modified organisms.

#### Viewpoint From Agriculture

We should not use dangerous technology. Technology is too dangerous to use, because it has often made mistakes and it take so long time to check the ultimate safety in using. We are sure of convenience of technology, but we must not blame the accident like nuclear on future.

Compared with its technology, safety of agriculre is showed by our history. We cannot support an assimilation technology and agriculture like plant factory and genetically modified organisms. Kosaka Masaru said to us, 'Han-Nou Han-X.' We should build the minimal society through agriculture.



## My Opinion

I support the assimilation technology and agriculture. I think that it is most important to combine development and sustinability. We should call for act as intermediary between experts and the public. This role will be needed. Intermediate act can explain a lot of information from experts to the public, and tell experts the public opinion. We need to make the new system and cooperate each other.