

Name: Hossain Sohrawardy

Nationality: Bangladesh

Study Period: October 2011 February 2014

Specialization: Topical Agriculture

Research Topics: "Response of Short Duration Tropical Legumes and Maize to Water Stress: A Glasshouse Study"

Recent Position: Assistant Plant Biotechnologist, Biotech Lab., R&D, Lal Teer Seed Limited, Bangladesh

### **What is Special about SIA?**

I obtained a plethora of knowledge and experiences during SIA study program by taking Biological Control and Biodiversity, Crop Modeling for Risk Management, Experimental Techniques in the Tropics, Ecological Soil Microbiology, Plant Nematology, Organic Agriculture, Plant Breeding, and Intercultural Communications courses. I enjoyed Prof. Wolfgang's Lecture and his depth of knowledge about plant breeding. I did hands-on soil experiments in Ecological Soil Microbiology course. I learned how a new nematode could be identified by using nematode identification tree in Nematology practical class. I got the basics of Organic Agriculture in organic Agriculture lectures. A lot of Scientists are working on animal behavior. This theme attracts my attention. Prof. Eva Schlecht is one of them who is working on it. I learned a lot taking Experimental Techniques in the Tropics course. Crop Modeling for Risk Management is one of the hardest course during my study. Although most of the students got poor grades but I learned a lot. Finally, I will say, Intercultural Communications course helps me to understand international students during my study.

I had experiences about Scholander bomb and LCpro Instrument etc to take physiological data (stomatal conductance, respiration, photosynthesis, the water content in cell sap etc) to get information about water stress for legumes and maize during my research. I have a keen interest in stress tolerance crops. I am also grateful to my supervisor Prof Anthony for his cordial cooperation.

### **What does SIA mean to me?**

To learn organic farming in a sustainable way for rural development in the tropical region.