

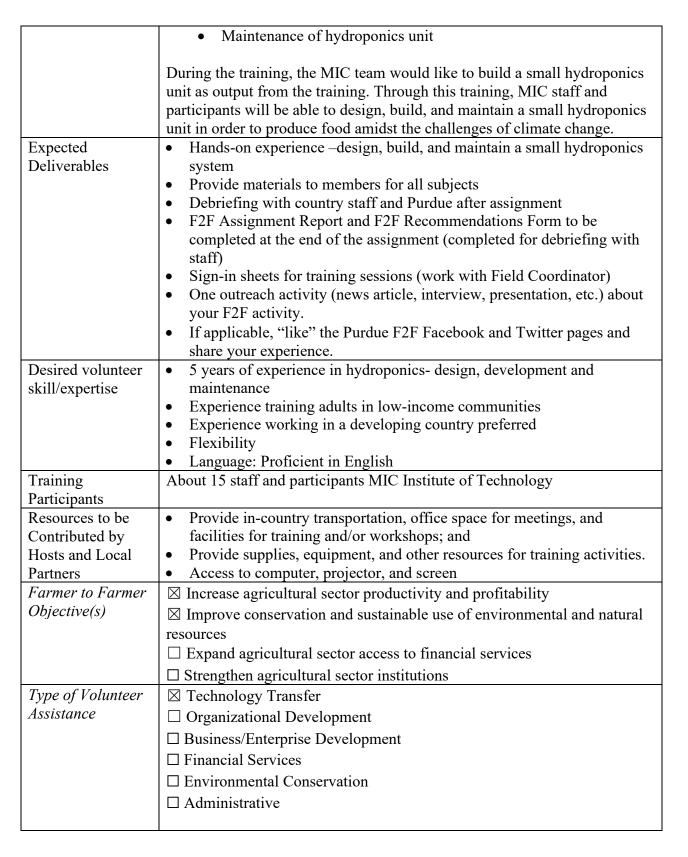


FARMER-TO-FARMER **VOLUNTEER ASSIGNMENT FORM**

UNIVERSITY

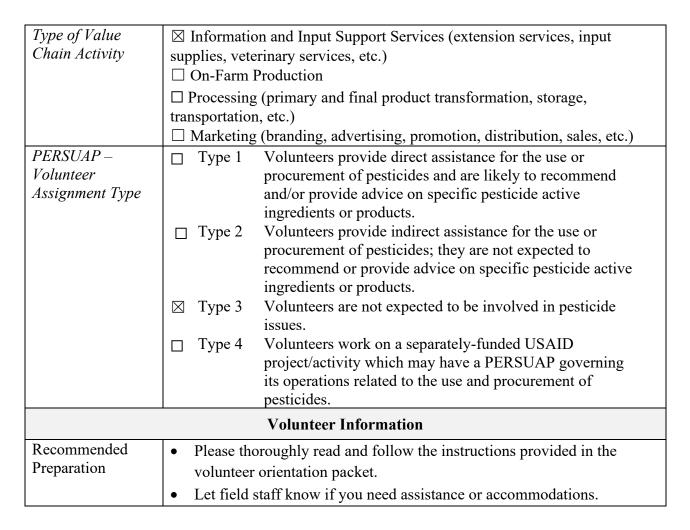
Summary Information	
Assignment Code	TT70
Country	Trinidad & Tobago
Assignment Title	Hydroponics
Best dates for	After January 2023
volunteer visit	
Host Organization(s)	MIC Institute of Technology (formerly Metal Industries Company Limited is an agency of the Ministry of Education established in 1974 as a joint venture of the Government of Trinidad and Tobago, the United Nations Development Programme / United Nations Industrial Development Organization (UNDP/UNIDO) and a number of private local industries. Having provided manufacturing support to customers through the design and production of high-quality tools, molds, precision machining and Manufacturing Engineering, MIC Institute of Technology has rebranded as a unique entity, operating as both a commercial factory and training institution. The MIC Training Programme follows the German Dual System of Technical Vocational Training and uses the Factory Training Concept where foundation theoretical and practical skills are developed in MIC Institute of Technology and mastery of these skills are developed in the industry under guided supervision of a skilled Supervisor or Master Craftsman. In 2016 MIC-IT started a Crop Production pilot programme which was approved in 2017 and is now being offered under its MuST programme. The MuST Programme offers trainees the opportunity to be exposed to various occupational and employability skills training within the priority sectors. The trainees are exposed to the real world of work and life skills training while at the same time learning a technical skill to gain sustainable employment.
Assignment Information	
Objectives and Anticipated Results	In view of the limited availability of land and the debilitating effects of climate change on external field, soil and water conditions, many primary producers have been exploring climate smart farming options such as hydroponics which require less land space and are not affected severely by climate. In this regard, MIC would like to provide training for their participants in hydroponic systems to explore climate smart agricultural options for food production.
	 Therefore, in response to this need, a volunteer is requested to provide staff and participant training in: Designing and building a simple small hydroponics unit





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Project Overview

Trinidad and Tobago is a two-island country of a diverse population with rich history and culture. As an island nation, it is under the constant mercy of changing climate that is affecting natural resources and agriculture. At present, it is a net food importing country forcing the government to refocus its attention on sustainable agriculture as a part of its 2030 country development strategy. The tropical climate and available natural resources, if used properly, can make the country self-sufficient in vegetables, root crops and some fruits with a provision to export value added products. It is an opportune time for F2F volunteers to engage with agriculture extension officers and farmers to impart knowledge and learn about the culture and endurance of Trinbagonians. The objective of the F2F Trinidad and Tobago Country Program is to improve food and nutrition security through productivity, safety, and profitability as well as strengthening the extension service through capacity building.