

Job Opportunity for Recent Agricultural Graduates

[PlantVillage](#) is hiring up to 10 **Dream Team** (DT) members to be field officers and extension agents in Tanzania beginning February 2022. We will hire DT through our partners, DT Agro Consultancy and Mboni ya Vijana.

Overview:

PlantVillage is a non-profit, global public good that aims to increase access to technology and knowledge for smallholder farmers to improve their yields. We have two divisions that work together. We are both a research and development lab, based on Pennsylvania State University (PSU) in the US and an operational unit, based in many countries in Africa. Our R&D team are mostly academics that use machine learning and computer vision tools to combine human expert intelligence with artificial intelligence. This allows us to make key insights to help farmers cope with climate change effects. Our operational unit, the **Dream Team** is critical to the R&D unit. They provide the training data points for all the model development and they deliver the results to the farmers. The results are combined with agricultural knowledge sourced from around the world to provide data-derived advice that is hyper-localized to the location and situation of each farmer.

Qualifications:

- Bachelor's degree or equivalent in Agriculture related field.
- Experience and interest in working with small scale rural farmers.
- Ability to use a laptop and smartphone.

Roles and responsibilities:

- Work with local farmers groups to spread information about PlantVillage and the services it provides.
- Register farmers and their farms in PlantVillage Ag3 Observatory
- Train farmers to use PlantVillage Nuru app to diagnose and report crop pests and diseases
- Use the PlantVillage Ag3 Observatory (on website) to remotely check on your farmers and see if any need help or have discovered disease in their field
- Disseminate knowledge through individual and group training with leader farmers and their following farmers

As needed:

- Map fields with ODK app or conduct surveys on the fields with the farmer
- Collaborate with CGIAR, UN FAO and NARC scientists to collect relevant data
- Test insect pest models that are in development by the PSU R&D team and provide feedback so they can be put into *Nuru*.
- Create and maintain partnerships with local government organizations, agriculture campuses and extension officers.

Location:

1. Rusesa Ward, Kasulu District, Kigoma.

Salary: Negotiable

Application deadline: Jan 25, 2022 or until suitable candidates are identified

Application procedure: Interested candidates should send their CV and letter outlining why they are a suitable candidate to: plantvillagegetz@gmail.com