PlantCV is a flexible image processing and analysis package written in Python. PlantCV is an open-source image analysis software package targeted for plant phenotyping.

[PlantCV](http://plantcv.danforthcenter.org/) is composed of modular functions in order to be applicable to a variety of plant types and imaging systems. PlantCV currently supports the analysis of standard RGB color images (aka "VIS"), standard grayscale images (e.g. near-infrared, "NIR"), thermal infrared images, grayscale images from chlorophyll fluorescence imaging systems ("PSII"), and hyperspectral ("ENVI") images. We will be analysis of standard of RGB color (VIS).

PlantCV Documentation: <https://plantcv.readthedocs.io/en/stable/>

PlantCV installation:

For Windows, Go to command prompt and type:

pip install plantcv

For Raspberry Pi, Go to terminal and type:

pip3 install plantcv