

A Glimpse of the Future

Wash Station

The Wash Station's main purpose is to allow students to continue with their current workflow, and collect data to be packaged and distributed to the Farm Hub. The RaspberryPi in the wash station will act as the backbone for all data collection.

Farm Hub

The Farm Hub's main purpose is to interface with the RaspberryPi through a wireless bridge and act as a central location for data collection and administration.

Hexapod Robots

Hexapod robots wander the field collecting data. This data is sent via mesh network to the wash station PI

robot not to scale

Sensor Clusters

Sensor clusters mesh networked throughout the farm collect data to inform farming decisions and do upper division science.

