this is a rough visualization of our product, a robot which is programmed to navigate through fields and collect soil samples at specific locations these samples can then be tested,there will be some sensor like ph sensor for ph level,ultrasonic sensor for nutrient level measure ment,a temperature sensor for measuring the temperature.there will bea display to see the updates of the field,and a camera to detect the data of the soil.

Service from our robots farmers can get to know the ph level,nutrient levels,temperature,soil condition,so they can give proper fertilizer and pesticides according to out expert teams guideline, or user manual. this will help reduce the waste of crop and also improve the quality of the crops