The Soil Test Kit for upland crops is an analytical tool to determine qualitatively the status of the nutrients N, P, K, and the pH of the soil. This kit is handy to carry to the field. The nutrient status of the soil is measured based on a colorimetric reaction between extract of soil and a formula of liquid chemical and compared to a color panel or chart. The chemical in the kit can be refilled.

The test is simple and rapid so an individual can get the results of a soil nutrient test promptly. A guide to determine the recommended rate of fertilizers for a specific site is provided.

A field extension worker can help farmers in a group to analyze the soil nutrient status in a specific location and determine a proper fertilizer rate recommendation for upland rice, maize, and soybean.

This kit has been licensed by Puspita Cooperative for 5 years (2017-2022).