



Soil Ammonium Nitrogen Content Assay kit

Ammonium nitrogen in the soil can be adsorbed by soil colloids, and it is nitrogen fertilizer in exchangeable ammonium state. It can also be dissolved in soil solution and can be directly absorbed and utilized by plants. It belongs to quick-acting nitrogen.

The ammonium nitrogen in the soil reacts with hypochlorite and phenol in a strong alkaline medium to produce the water-soluble dye indophenol blue, which has a characteristic absorption peak at 625 nm, and the light absorption value is proportional to the content of ammonium nitrogen.

Catalog No.	251151
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/1 year
Shipping	Gel Packs