

Soil Profile in the field of junior course, OUAVM

2017.5.29

Soil samples were offered for the analysis by JICA farmer-led extension course B on January 18, 2018

Soil layer name	description and parent material	depth (cm)	Soil Color Texture determined by the lecturer	Hardness	Soil Color Texture by the JICA participants	Soil Color Texture by the junior course students in the field
Ap ₁	Root mat in plowed layer	0 - 5	10YR3/4 SiL	15.2	7.5YR 2/1 Silty Loam	10YR2/3 smooth feeling
Ap ₂	plowed layer	5 - 23	10YR2/3 SiL	16.8	10YR 2.7/1 Heavy Clay	10YR3/4 smooth and slightly wet
Ap ₃	Plowed layer with mixed sand	23 - 33	10YR2/2 SiL+S	15.2	10YR 2/3 Silt	10YR2/3 smooth and slightly wet
Ap ₄	plowed layer	33 - 40	10YR2/2 SiL	15.8	7.5YR 2/2 Sand	10YR3/4 smooth and slightly wet
IIB	Taruame-d volcanic ash (red)	40 - 55	7.5YR4/4 L	18.8	7.5 YR 3/2 Silt	7.5YR4/6 smooth and powdery
IIBC	Taruame-d volcanic ash (yellow)	55 - 75	7.5YR5/6 L	17.8	10YR 4/4 Clay	7.5YR5/6 powdery with clods
IIIC ₁	Eniwa-a loam (loamy)	75 - 90	10YR5/6 CL	19.2	10YR 5/3 Clay Loam	10YR5/8 clayey
IIIC ₂	Eniwa-a loam (clayey)	90 - 105	10YR5/6 LiC	18.2	10YR 2/3 Silty Loam	10YR4/6 more clayey
IVC ₁	Alluvial sediment (loamy)	105 - 120	10YR4/6 LiC + S	17.6	10YR 4/6 Clay	10YR5/8 wet and clayey
IVC ₂	Alluvial sediment (clayey)	120 - 150 > 150	10YR5/8 HC	15	10YR 4/4 Silty Loam	10YR4/6 most wet and clayey

This table was summarized by the lecturer, Dr. K. Tsutsuki, comparing the results by the lecturer, JICA course participants, and by the junior course students.