Soil Profile in the field of junior course, OUAVM 2017.5.26

			Midorikun results				pH meter
Layer name	description	depth (cm)	pH	NO_3-N kg/10a	P_2O_5 kg/10a	K_2O kg.10a	pH (1:10)
Ap_1	Root mat	0 - 5	4.8	0	10	25	6.0
Ap_2		5 - 20	4.5	0	10	75	6.3
Ap_3	Mixed sand	20 - 30					
Ap_4		30 - 40	4.8	0	10	25	6.3
IIB	Taruame d volcanic ash (red)	40 - 50	5.0	0	10	10	6.3
IIBC	Taruame d volcanic ash (yellow)	50 - 65	4.5	0	10	10	6.2
$IIIC_1$	Eniwa a loam (loamy)	65 -80	5.0	0	10	75	6.1
$IIIC_2$	Eniwa a loam (clayey)	80 - 105					
IVC	Alluvial sediment (clayey)	105 - 125+	5.0	0	25	10	6.3

Potato field soil

		Midorikun results				pH meter
Plot (N rates are the same among plots.)	depth (cm)	pH	NO_3-N kg/10a	P_2O_5 kg/10a	K_2O kg.10a	pH (1:10)
Organic fertilizer	10 - 15	4.5	7.5	10	75	5.8
Organic fertilizer +PK	10 - 15	5.0	2.5	10	25	6.0
Chemcal fert. (standard rate)	10 - 15	5.0	5.0	25	10	6.0
Chemcal fert. (standard rate + more P)	10 - 15	6.0	0.0	25	17.5	6.1

Analysis of vegetable juice

	pH	NO_3-N ppm	NO_3-N ppm in original juice
Tomato juice 20 times dilution	4.5	2.5	50
Vegetable juice 20 times dilution	4.5	5.0	100

NO_3-N concentration (ppm) in the vegetable juices were low enough.