

Results of rapid analysis

	Rapid Midori-kun method				by meters	
	pH(H ₂ O)	NO ₃ -N kg/10a	P ₂ O ₅ kg/10a	K ₂ O kg/10a	pH(H ₂ O)	EC μ S/cm
Soil profile						
Ap ₁	6.0	0	10	25	6.0	108
Ap ₂	6.5	0	10	25	6.4	48
2B	7.0	0	10	25	6.3	61
3B	6.0	0	10	25	6.3	52
4B	7.5	0	10	25	6.3	54
Potato field						
No fertilizer	7.5	0	10	10	6.3	51
NPK complete	7.5	0	10	25	6.5	48
N only	6.5	5	10	25	6.3	58
Organic + PK	7.5	0	10	75	6.3	72
Organic only	7.5	0	25	75	6.5	54
Beans field						
Soybean	7.5	0	0	25	6.4	65
Red bean	7.0	0	0	25	6.5	60
Neighboring field	7.0	0	10	25	6.7	38

Soil profile observation

Layer	depth (cm)	color	texture	hardness
Ap ₁	0-10	10YR3/4	Silty loam	1
Ap ₂	10-28	10YR3/3	loam	23
2B	28-65	10YR4/6	loam	22
3B	65-95	7.5YR4/4	clay loam	19
4B	95-115	10YR4/4	loam	17