

Soil profile monoliths		Electrodes method			Test paper method	
No.	Layer	pH(H ₂ O)	EC μ S/cm	NO ₃ ppm	pH(H ₂ O)	NO ₃ ppm
1	0-24 cm	6.16	124.9	13	6.5	0
2	24-44 cm	5.92	94.8	12	6.5	0
3	44-65 cm	6.40	46.3	8	6.5	0
4	65-92 cm	6.45	59.0	11	7.5	0
5	92-124 cm	6.26	62.5	16	7.5	0
6	>124 cm	6.29	50.1	4	7	0

Experiment plots		Electrodes method			Test paper method	
No.	Plot	pH(H ₂ O)	EC μ S/cm	NO ₃ ppm	pH(H ₂ O)	NO ₃ ppm
	Potato 1	6.27	82.6	8	7.5	0
	Potato 2	6.33	75.8	14	7.5	0
	Potato 3	6.24	100.0	31	7.5	0
	Potato 4	6.21	107.9	38	7	5
	Corn 1	6.31	78.2	31	7.5	0
	Corn 2	6.27	87.2	39	5	1.5
	Corn 3	6.31	84.1	42	6.5	0
	Corn 4	6.26	82.2	40	7.5	5

NO₃ ppm in vegetables

Spinach from Ibaraki prefecture	3900 ppm
Cabbage from Ibaraki prefecture	2100 ppm
Cabbage from Wassamu, Hokkaido	600 ppm