

Table S2. Average pesticide concentrations detected in irrigation water ($\mu\text{g/L}$), plant ($\mu\text{g/kg}$) and soil ($\mu\text{g/kg}$ dry weight, d.w.) in red cabbage crop (*Brassica oleracea* var. *viridis* L) (n=3)

Compound	CABBAGE							
	WATER		FRUIT		LEAF		SOIL	
	$\mu\text{g/L}$ (RSD,%)*	μg	$\mu\text{g/kg}$ (RSD,%)*	μg	$\mu\text{g/kg}$ (RSD,%)*	μg	$\mu\text{g/kg}$ (RSD,%)*	μg
Thiamethoxam	1.5 (1)	6.198.8	1.8 (4)	540	16.5 (2)	3.300	1.0 (6)	680
Imidacloprid	1.5 (2)	6.334.5	1.2 (4)	357	11.0 (2)	2.200	1.6 (4)	1.111
Dimethoate	1.4 (1)	5.686.6	1.5 (6)	450	4.5 (4)	900	≤LOQ	-
Acetamiprid	1.5 (2)	6.198.8	0.4 (1)	120	3.8 (3)	760	≤LOQ	-
Propamocarb	1.4 (1)	5.785.5	1.0 (2)	294	7.8 (2)	1.560	1.5 (8)	1.020
Thiacloprid	1.4 (1)	5.785.5	0.4 (4)	111	3.0 (2)	600	1.0 (2)	680
Thiabendazol	1.3 (3)	5.372.3	1.1 (4)	330	9.4 (2)	1.880	1.5 (6)	1.020
Azoxystrobin	1.2 (2)	4.959.0	0.5 (2)	150	2.3 (2)	460	1.6 (9)	1.088
Imazalil	1.2 (4)	5.147.1	0.8 (4)	240	1.1 (7)	220	2.0 (4)	1.360
Malathion	1.1 (1)	4.374.2	0.4 (5)	120	3.3 (3)	660	1.0(4)	612
Myclobutanil	1.5 (2)	6.198.8	0.5 (7)	150	3.5 (4)	700	3.7(6)	2.516
Tebuconazole	1.5 (4)	6.198.8	0.7 (4)	201	5.5 (4)	1.096	5.0 (7)	3.400
Penconazole	1.4 (3)	5.785.5	0.9 (8)	276	0.8 (5)	160	3.8 (5)	2.584

* Relative standard deviation (R.S.D, %)