

Table S1. Total antioxidant capacity measured in ABTS, DPPH, FRAP tests (mmol TE kg⁻¹ FW; TE-trolox equivalents): in roots, leaves and fruit: year, cultivar and bacterial-fungal inoculation effects

Treatment	Growing season				Growing season			
	2012				2013			
	Cultivar				Cultivar			
	Topaz	Chopin	Odra		Topaz	Chopin	Odra	
	ROOTS							
	Av ^T				Av ^T			
	ABTS							
N-INO ^a	103±5	105±3	116±9	108	173±15	187±13	198±7	186
INO ^b	92±9	109±9	101±9	101	192±6	196±11	190±12	192
INO effect^c	0.89	1.04	0.87	0.94	1.11	1.05	0.96	1.03
	DPPH							
N-INO	29.9±4.0	34.4±1.8	34.6±1.4	33.0	37.3±1.6	41.7±9.0	50.3±4.8	43.1
INO	28.3±3.9	33.2±2.4	32.2±2.6	31.2	40.0±6.4	46.8±5.4	43.6±7.7	43.4
INO effect	0.95	0.97	0.93	0.95	1.07	1.12±	0.87	1.01
	FRAP							
N-INO	41.1±4.1	46.8±5.7	55.6±5.2	47.8	43.6±2.7	57.5±4.1	54.7±8.9	51.9
INO	42.4±7.0	48.8±4.8	49.0±7.1	46.7	49.1±5.7	44.0±14	47.2±7.2	46.8
INO effect	1.03	1.04	0.88	0.98	1.13	0.77	0.86	0.90
	LEAVES							
	Av ^T				Av ^T			
	ABTS							
N-INO	160±7	149±4	156±11	155	226±82	161±10	169±8	185
INO	161±9	146±6	153±6	153	158±15	169±8	168±8	165
INO effect	1.01	0.98	0.98	0.99	0.70	1.05	0.9	0.89
	DPPH							
N-INO	152±24	149±20	146±25	149	231±63	137±12	176±22	182
INO	142±11	108±10	149±7	133	162±23	192±30	179±7	178
INO effect	0.93	0.72	1.02	0.89	0.70	1.40	1.0	0.98
	FRAP							
N-INO	132±6	125±11	117±5	125	161±19	121±23	128±21	137
INO	137±14	97±9	117±7	117	151±12	104±16	130±15	128
INO effect	1.04	0.78	1.00	0.94	0.94	0.86	1.02	0.94
	APPLE PEEL							
	Av ^T				Av ^T			
	ABTS							
N-INO	46.4±10	45.5±6.2	56.9±4.0	49.6	58.9±5.9	67.6±2.4	84.2±13.7	70.2
INO	46.9±3.6	48.9±5.2	64.2±13	53.3	62.6±6.6	59.6±11	75.9±3.6	66.0
INO effect	1.01	1.07	1.13	1.07	1.06	0.88	0.90	0.94
	DPPH							

N-INO	18.8±3.7	17.0±2.1	18.7±3.3	18.2	25.0±0.9	26.2±0.9	26.7±1.8	26.0
INO	16.5±1.3	19.7±2.3	20.5±2.5	18.9	26.1±0.7	25.6±1.7	25.7±2.1	25.8
INO effect	0.88	1.16	1.10	1.04	1.04	0.98	0.96	0.99
FRAP								
N-INO	36.8±8.4	25.3±4.9	35.4±3.7	32.5	36.3±3.4	36.2±3.3	49.9±8.7	40.8
INO	31.8±2.4	27.4±3.5	35.1±4.2	31.4	37.4±4.2	43.4±9.3	53.6±5.9	44.8
INO effect	0.86	1.08	0.99	0.97	1.03	1.20	1.07	1.10

^a non-inoculated plants; ^b inoculated plants; ^c inoculation effect: index obtained by dividing the 'INO' value by the 'N-INO' value of the tested cultivar. Mean separation for treatment (N-INO vs INO plants) by Tukey test (p<0.05); Av^T – average for treatment; presented values are the means of four replicates ±SD; FW – fresh weight; ABTS: 2,20-azino-bis(3-ethylbenzothiazoline-6-sulphonic acid); DPPH: 2,2-diphenyl-1-picrylhydrazyl; FRAP: ferric reducing antioxidant power.