

Supporting Table 6. Concentration (ppm) of trace elements in soil samples collected in a transgenic corn field (T1 and T2 samples), a traditional corn field (C1 and C2 samples) and a prairie soil (P1 and P2 samples), analyzed by ICP-MS and expressed as a mean  $\pm$  standard deviation.

	Mg	Al <sub>3</sub>	Ca	Mn	Fe	Co	Ni	Cu
T1	7982 $\pm$ 215	23549 $\pm$ 104	42457 $\pm$ 609	432 $\pm$ 9	21525 $\pm$ 458	8.12 $\pm$ 03	16.25 $\pm$ 042	14.25 $\pm$ 0.73
T2	6632 $\pm$ 163	35424 $\pm$ 403	45321 $\pm$ 487	456 $\pm$ 17	23467 $\pm$ 642	8.86 $\pm$ 041	19.43 $\pm$ 054	16.54 $\pm$ 0.44
C1	6398 $\pm$ 192	34716 $\pm$ 833	43197 $\pm$ 605	290 $\pm$ 8	24012 $\pm$ 398	9.38 $\pm$ 0.10	21.74 $\pm$ 0.24	17.40 $\pm$ 0.67
C2	5344 $\pm$ 193	30874 $\pm$ 1202	33139 $\pm$ 401	242 $\pm$ 14	20509 $\pm$ 592	7.83 $\pm$ 0.31	18.31 $\pm$ 0.31	14.90 $\pm$ 0.27
P1	7570 $\pm$ 186	29893 $\pm$ 412	28454 $\pm$ 113	485 $\pm$ 6	22081 $\pm$ 532	8.52 $\pm$ 0.13	20.11 $\pm$ 0.34	14.67 $\pm$ 0.30
P2	10886 $\pm$ 593	27579 $\pm$ 1341	47175 $\pm$ 77	392 $\pm$ 6	22048 $\pm$ 212	7.95 $\pm$ 0.29	19.25 $\pm$ 0.79	14.97 $\pm$ 0.16