processes

MDPI

Article

The Effect of Amending Soil with Waste Elemental Sulfur on the Availability of Selected Macroelements and Heavy Metals

Monika Tabak, Aneta Lisowska, Barbara Filipek-Mazur and Jacek Antonkiewicz *

Department of Agricultural and Environmental Chemistry, University of Agriculture in Krakow, 21 Mickiewicza Av., 31-120 Krakow, Poland; monika.tabak@urk.edu.pl (M.T.); anet.lisow@gmail.com (A.L.); barbara.filipek-mazur@urk.edu.pl (B.F.-M.)

* Correspondence: jacek.antonkiewicz@urk.edu.pl

Received: 14 August 2020; Accepted: 22 September 2020; Published: date

Table 1. Wavelengths and quantification limits for the ICP-OES method.

Element	Wavelength, nm	Detection limit, mg L^{-1}
P	213.617	0.076
K	766.490	0.048
Ca	317.933	0.0100
Mg	285.213	0.0016
Na	589.592	0.069
S	181.975	0.031
Fe	238.204	0.0046
Mn	257.610	0.0014
Zn	206.200	0.0059
Cu	327.393	0.0097
Cr	267.716	0.0071
Ni	231.604	0.015
Pb	220.353	0.042
Cd	228.802	0.0027