

SEASONAL CHANGES OF MACRO- AND MICROELEMENTS CONTENT IN SOILS OF GREEN TEA FARMING FROM RIZE (TURKEY)

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Abstract. During 2014 year, 60 soil samples at the point of 30 soil samples in the spring and 30 soil samples in autumn were taken from the localities of Fındıklı (41°16'14.40"N - 41°08'24.13"E), Pazar (41°10'50.06"N - 40°53'11.35"E) and Sabuncular (41°04'20.79"N - 40°43'13.51"E) from Rize (Turkey), where green tea has been cultivated. The value of pH, content of the organic matter, and amount of macro- and microelements amount were determined in sampled soils and the seasonal changes were investigated. According to the obtained results, it was established that, in general, the values of pH, as well as the content of macro- and microelements in spring were higher than those recorded in autumn.

Keywords: soil samples, macroelements, microelements, pH, organic matter.

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