

ABSTRACT

The aim of this thesis is to introduce the concept of organic farming from the point of view of contemporary science in the field of plant biology to secondary school students and their teachers. The first part deals with organic farming, its origins and ideological subtext, further on its advantages and disadvantages are summarized. The second part focuses on biotechnological agriculture which uses breeding methods of genetic engineering. The third part presents possibilities of coexistence and confrontation and comparison of these two approaches used in present and future agriculture. The last part deals with inclusion of this topic into present secondary school education and its significance. It includes analysis of textbooks and curricular documents.