

This thesis called The issue of inclusion of organic agriculture and food industry in the teaching of natural science and biology at primary and secondary schools deals with organic farming, its present situation and current legislation in the Czech Republic and the European Union.

The theme of organic farming and organic food is conceived in a broader context and it is followed by other related topics, such as food additives, transgenic organisms (GMOs) and Fair Trade.

The primary objective is to provide to biology teachers in primary and secondary schools guidance on how to present this issue to their pupils and students.

Based on the results of a questionnaire survey two hypotheses were verified:

1. Students know what the organic food is and can enumerate the basic tenets of organic farming.
2. Teachers of natural science and biology at the primary and secondary schools do not include organic farming issues in their lessons.

Both hypotheses have been refuted.

Objectives of this thesis are:

- 1) To identify options of including the topic of organic farming in the teaching of biology and cross subjects, in accordance with Educational Programmes for elementary and secondary schools.
- 2) To create educational materials about organic farming (Microsoft PowerPoint presentation for teachers; to create or modify the didactic games and activities).
- 3) Testing these materials in the classwork.

All objectives have been achieved.