

Abstract

Plant hormones

Issued bachelor thesis is to in understandable way approximate problems of botanical hormones not only to university students, but also to teachers and student at 4 year and 8 year grammar schools and even secondary schools. Emphasis are made on theoretical findings about fythohormones with connection to their consequential practical usage for instance in agriculture.

The thesis is divided into two parts. Firs part is theoretical. In separate chapters there are in detail explained groups of fythohormones, way to their discovery, characteristics, conditioned by their chemical structure, metabolism in plants and consequentially their physiological effects. Precisely the findings about mentioned characteristics can bring us to the understanding of importance and hidden potential of fythohormones.

Second part is targeted to the implementation of fythohormones problems to practical education with consideration of curriculums at secondary schools and high schools. Because our contemporary students are the people who will be effecting evolution of our environment, it is really important to arrange enough information about botanical hormones problems and simultaneously to be able to get these information to them in understandable way. Student, also pupils at secondary schools do not get in touch with the word fythohormones at school very often. For this reason it is really important to apply these exercises only on processes demonstrations, which happen and effect physiological processes in plant, to get the students or pupils understand the facts about existence of mentioned matters.