

CZECH UNIVERSITY OF LIFE SCIENCES PRAGUE

Faculty of Agrobiolgy, Food and Natural Resources

Evaluation of the Diploma Thesis by Opponent

Thesis Title **The influence of biostimulants on maize's yield and soil nutrient release**

Name of the student **B.Sc. Aung Myo Thu, BSc**

Thesis supervisor **Ing. Martin Kulhánek, Ph.D.**

Department **Department of Agrienviromental Chemistry and Plant Nutrition**

Opponent **Dipl.-Ing. Pia Euteneuer**

Thesis topic and thesis significance (relevance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Formulation of objectives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Work with scientific literature (quotations, norms)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Work with data and information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Choice of appropriate methods and methodology used	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Level processing results and discussion	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Comprehensibility of the text and level of language	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fulfilment of objectives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Formulation of conclusions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Professional contribution of the work	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Relevance to practice/theory	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
The structure of paragraphs and chapters	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Clarity and professionalism of expression in the thesis	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Summary comply with the content of thesis	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Evaluation of the work by grade (1, 2, 3, 4)					2

Evaluation: 1 = the best

Date 31/07/2020

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Signature of Opponent

Other comments or suggestions:

Overall, it is a nice work, but it contains some scientific and writing flaws. Some critical points are the hypothesis, which lacks scientific language and is rather polemic. The section material and methods, is too short and misses basic information, most of all, the used statistics. This effects the result section. In addition, same results are presented twice and sometimes three times, too. These need some further consideration in future works, but otherwise this thesis is well written.

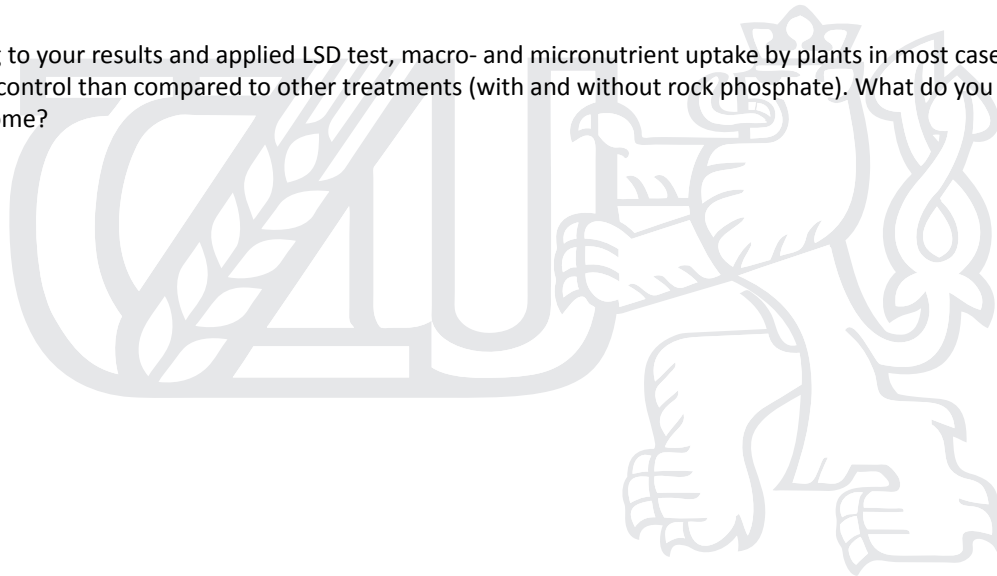
Questions for thesis defence:

What do you think about the future of biostimulants in agricultural practice?

What was the reason, why biostimulant MUCI decreased almost all studied parameters?

If you had to redo this study, what would you change in terms of methodology (e.g. set-up of the trial)?

According to your results and applied LSD test, macro- and micronutrient uptake by plants in most cases is similar or higher in control than compared to other treatments (with and without rock phosphate). What do you think, caused this outcome?



Date 31/07/2020

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