

| <b>ASSESSMENT OF DIPLOMA THESIS</b>  |  |            |   |                      |   |   |   |                         |   |   |   |   |   |   |
|--|--|------------|---|----------------------|---|---|---|-------------------------|---|---|---|---|---|---|
| <b>Author of the thesis:</b>   | <b>Bc. Tereza Šestáková</b>  |            |   |                      |   |   |   |                         |   |   |   |   |   |   |
| <b>Title of the thesis:</b>  | <b>Exploitation of mycorrhizal symbiosis in vegetable young plant production</b> |            |   |                      |   |   |   |                         |   |   |   |   |   |   |
| <b>Reviewer of the thesis:</b>   | <b>doc. Ing. Alena Andrejiová, PhD.</b>  |            |   |                      |   |   |   |                         |   |   |   |   |   |   |
| Study program:   | Horticultural Engineering  |            |   |                      |   |   |   |                         |   |   |   |   |   |   |
| Study branch:  | International Master of Horticulture Science                                     |            |   |                      |   |   |   |                         |   |   |   |   |   |   |
| Academic year:   | 2018/2019  |            |   |                      |   |   |   |                         |   |   |   |   |   |   |
|  | Wiewpoints   | Evaluation |   |                      |   |   |   | can not be<br>evaluated |   |   |   |   |   |   |
|  |  | A          | B | C                    | D | E | F |                         |   |   |   |   |   |   |
| 1  | Meeting requirements of assignment   |            | x |                      |   |   |   |                         |   |   |   |   |   |   |
| 2  | Thesis topicality and professional level   |            | x |                      |   |   |   |                         |   |   |   |   |   |   |
| 3  | Utilisation of knowledge gained from study                                       |            | x |                      |   |   |   |                         |   |   |   |   |   |   |
| 4  | Utilisation of specialist literature   |            |   | x                    |   |   |   |                         |   |   |   |   |   |   |
| 5  | Methodology relevance  |            | x |                      |   |   |   |                         |   |   |   |   |   |   |
| 6  | Utilisation of result processing methods   |            | x |                      |   |   |   |                         |   |   |   |   |   |   |
| 7  | Interpretation of results, discussion  |            |   | x                    |   |   |   |                         |   |   |   |   |   |   |
| 8  | Thesis formal layout   |            |   |                      | x |   |   |                         |   |   |   |   |   |   |
| 9  | Author's approach to task solving  |            | x |                      |   |   |   |                         |   |   |   |   |   |   |
| <p><b>Specific comments and questions on the thesis:</b><br/> <u>I have some comments:</u><br/>           There are quite a lot of formal mistakes in the thesis (the same chapter titles and others).<br/>           In the chapter Results 5.2 The effect of mycorrhizal fungi on vegetable seedlings - for some of the evaluated species the graphs are missing.<br/>           In the diploma thesis you first mention the statistical analysis and only then the results of morphological parameters, it is wrong.</p> <p><u>I have some questions:</u></p> <ol style="list-style-type: none"> <li>1. Arbuscular mycorrhizal fungi are able to create a symbiosis with most vegetables including major crops of different families. Please indicate with which crops they do not create symbiosis.</li> <li>2. Please specify the possibilities of using mycorrhizal fungi against abiotic and bitoic stressors, and their importance in sustainable agriculture even under severe stress conditions.</li> </ol> <p><b>Result:</b> The thesis is <b>recommend</b> for defense.</p> <p>The proposed final classification of the thesis *: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="padding: 2px 10px;">A</td><td style="padding: 2px 10px;">B</td><td style="padding: 2px 10px; border: 2px solid black; border-radius: 50%;">C</td><td style="padding: 2px 10px;">D</td><td style="padding: 2px 10px;">E</td><td style="padding: 2px 10px;">F</td></tr></table></p> |  |            |   |                      |   |   |   |                         | A | B | C | D | E | F |
| A  | B  | C          | D | E                    | F |   |   |                         |   |   |   |   |   |   |
| Date: 05/23/2019   |  |            |   | Signature (reviewer) |   |   |   |                         |   |   |   |   |   |   |

