



## Sustainable Plant Production - from Molecular to Field Scale BI1295, 40103.2021

15 Hp

Pace of study = 100%

Education cycle = Advanced

### Evaluation report

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**Evaluation period: 2021-05-12 - 2021-06-20**

Answers 6

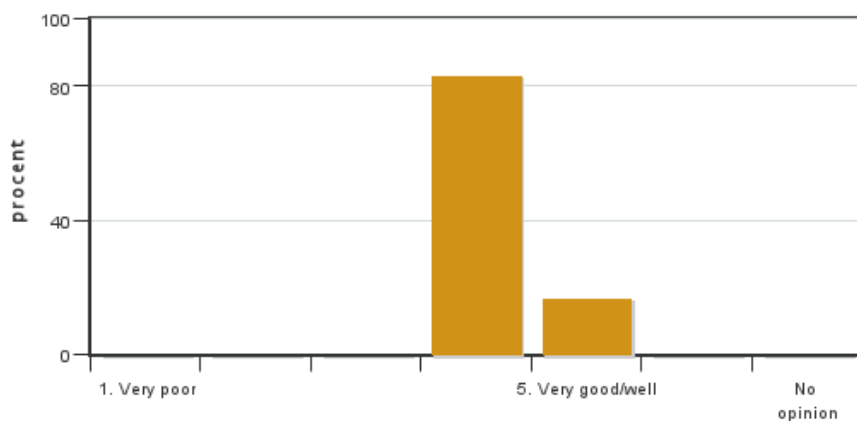
Number of students 10

Answer frequency 60 %

### Mandatory standard questions

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#### 1. My overall impression of the course is:

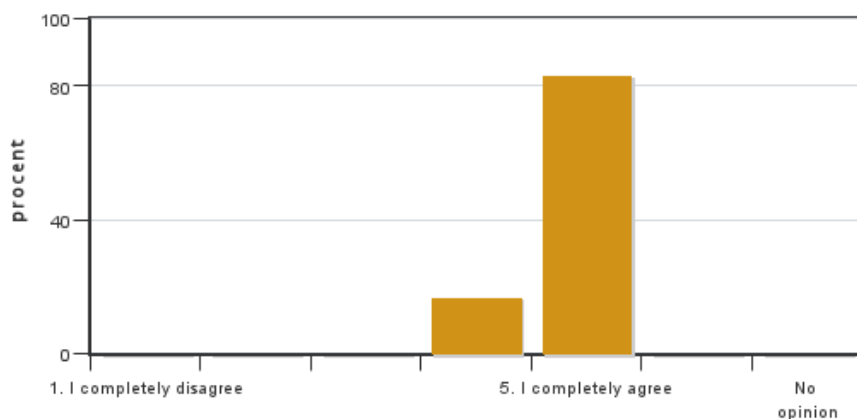


Answers: 6  
Medel: 4,2  
Median: 4

1: 0  
2: 0  
3: 0  
4: 5  
5: 1

No opinion: 0

#### 2. I found the course content to have clear links to the learning objectives of the course.

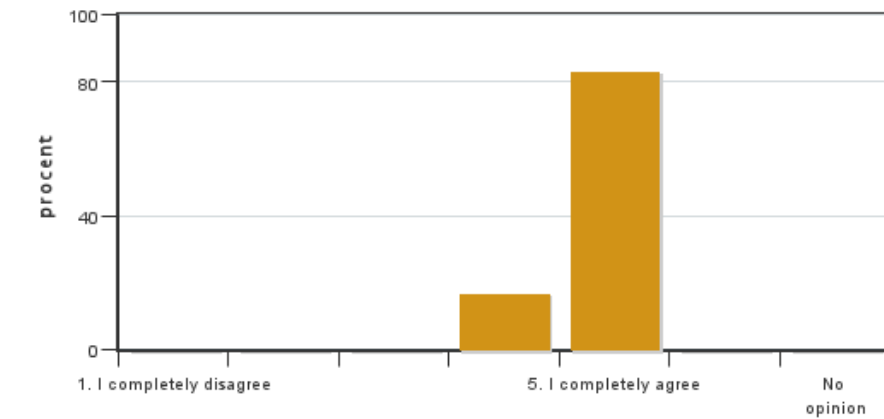


Answers: 6  
Medel: 4,8  
Median: 5

1: 0  
2: 0  
3: 0  
4: 1  
5: 5

No opinion: 0

#### 3. My prior knowledge was sufficient for me to benefit from the course.

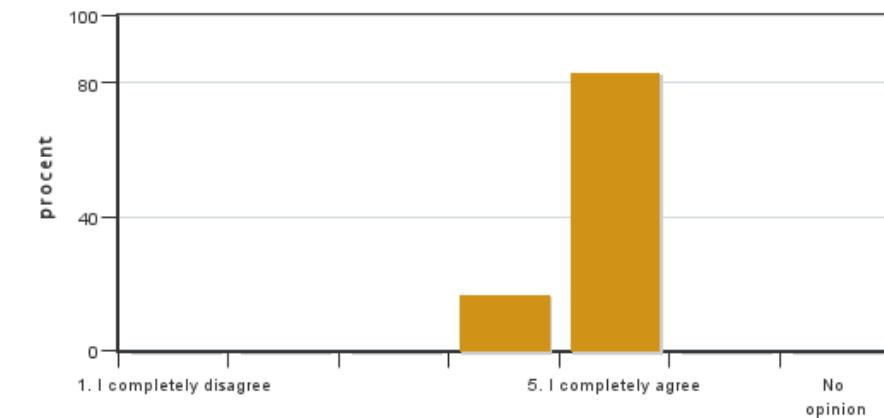


Answers: 6  
Medel: 4,8  
Median: 5

1: 0  
2: 0  
3: 0  
4: 1  
5: 5

No opinion: 0

**4. The information about the course was easily accessible.**

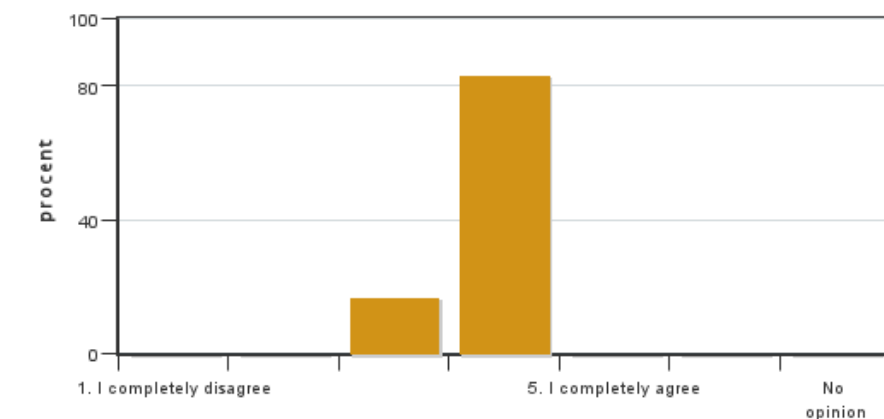


Answers: 6  
Medel: 4,8  
Median: 5

1: 0  
2: 0  
3: 0  
4: 1  
5: 5

No opinion: 0

**5. The various course components (lectures, course literature, exercises etc.) have supported my learning.**

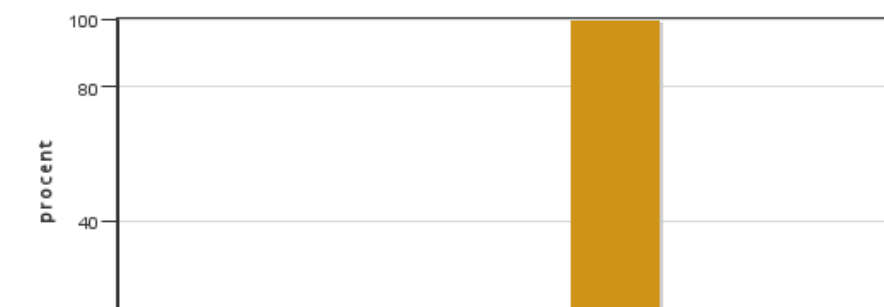


Answers: 6  
Medel: 3,8  
Median: 4

1: 0  
2: 0  
3: 1  
4: 5  
5: 0

No opinion: 0

**6. The social learning environment has been inclusive, respecting differences of opinion.**



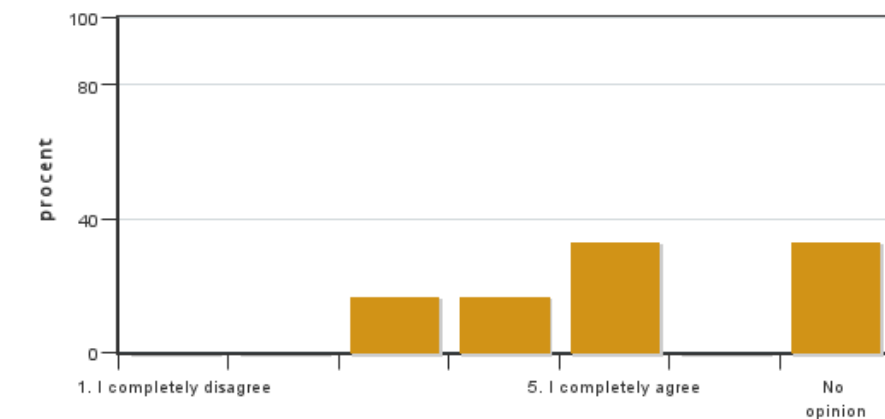
Answers: 6  
Medel: 5,0  
Median: 5

1: 0  
2: 0  
3: 0  
4: 0  
5: 6

No opinion: 0



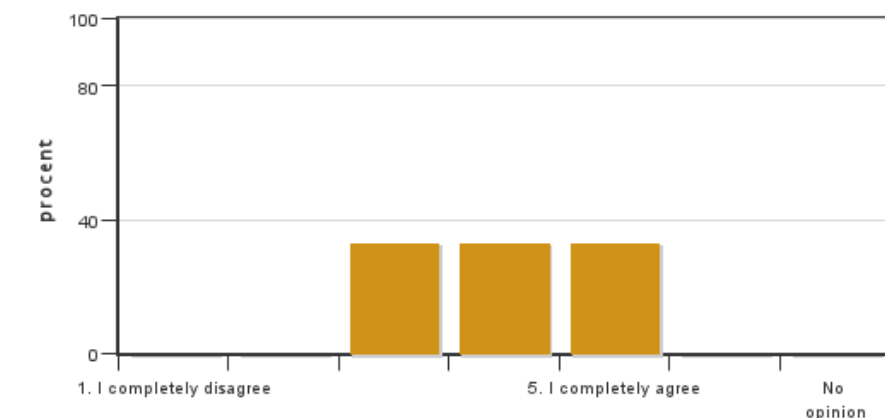
**7. The physical learning environment (facilities, equipment etc.) has been satisfactory.**



Answers: 6  
Medel: 4,3  
Median: 4

1: 0  
2: 0  
3: 1  
4: 1  
5: 2  
No opinion: 2

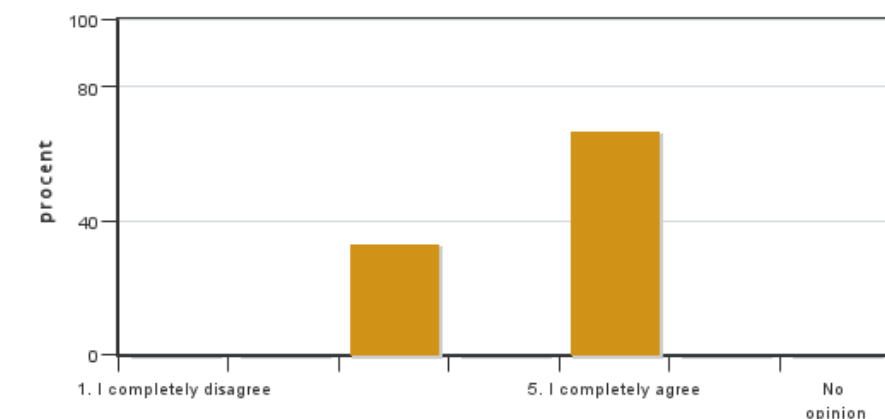
**8. The examination(s) provided opportunity to demonstrate what I had learnt during the course (see the learning objectives).**



Answers: 6  
Medel: 4,0  
Median: 4

1: 0  
2: 0  
3: 2  
4: 2  
5: 2  
No opinion: 0

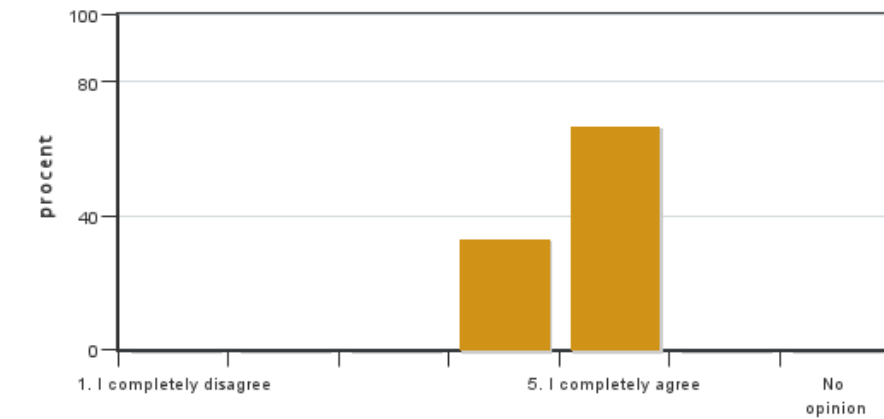
**9. The course covered the sustainable development aspect (environmental, social and/or financial sustainability).**



Answers: 6  
Medel: 4,3  
Median: 5

1: 0  
2: 0  
3: 2  
4: 0  
5: 4  
No opinion: 0

**10. I believe the course has included a gender and equality aspect, regarding content as well as teaching practices (e.g. perspective on the subject, reading list, allocation of speaking time and the use of master suppression techniques).**

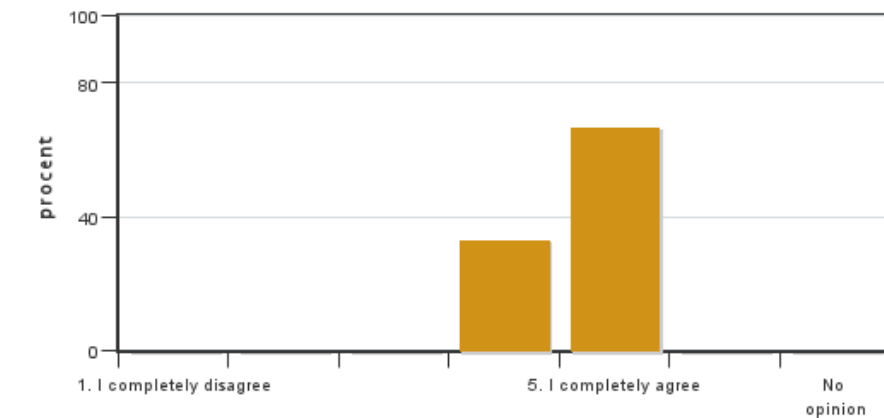


Answers: 6  
Medel: 4,7  
Median: 5

1: 0  
2: 0  
3: 0  
4: 2  
5: 4

No opinion: 0

**11. The course covered international perspectives.**

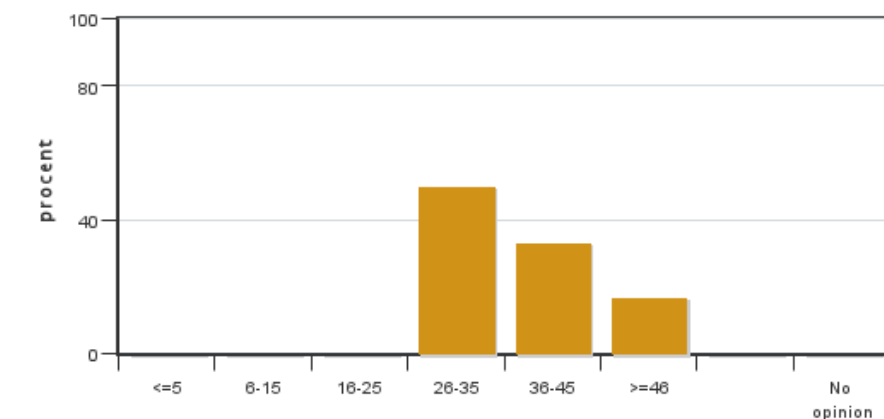


Answers: 6  
Medel: 4,7  
Median: 5

1: 0  
2: 0  
3: 0  
4: 2  
5: 4

No opinion: 0

**12. On average, I have spent ... hours/week on the course (including timetabled hours).**

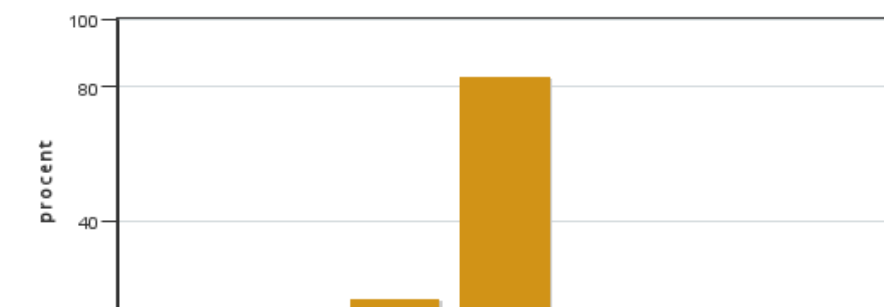


Answers: 6  
Medel: 36,0  
Median: 26-35

≤5: 0  
6-15: 0  
16-25: 0  
26-35: 3  
36-45: 2  
≥46: 1

No opinion: 0

**13. If relevant, what is your overall experience of participating in all or part of your course online?**



Answers: 6  
Medel: 3,8  
Median: 4

1: 0  
2: 0  
3: 1  
4: 5  
5: 0

No opinion: 0

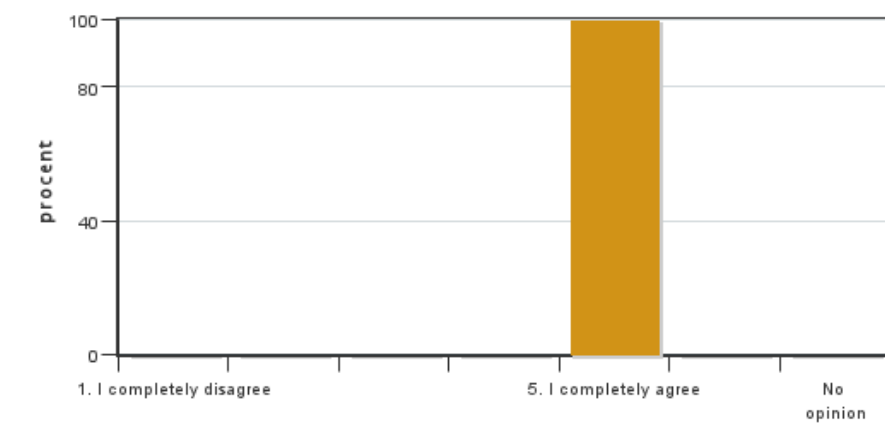


14. If relevant, please share what worked well when participating in teaching on distance

15. If relevant, please share what worked less well when participating in teaching on distance

## Additional own questions

16. The lecturers were available and supportive throughout the course

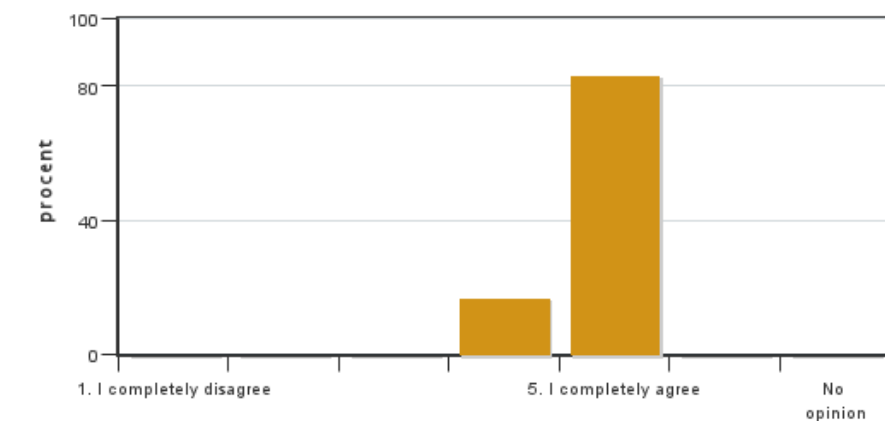


Answers: 6  
Medel: 5,0  
Median: 5

1: 0  
2: 0  
3: 0  
4: 0  
5: 6

No opinion: 0

17. The project tutors were available and supportive throughout the course



Answers: 6  
Medel: 4,8  
Median: 5

1: 0  
2: 0  
3: 0  
4: 1  
5: 5

No opinion: 0

18. What aspect/part of the course did you like the most?

18. Which aspect/part of the course did you like the least?

18. If the course (or parts of it) would benefit from certain modifications, could you please provide suggestions on how to improve the course?

18. Which suggestions would you provide to next year's students on how to get the best out of this course?

## Course leaders comments

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The following comments and reflections are in response to the course evaluation of participating students from the course locations Uppsala and Alnarp. Answering rate to the course evaluation 2021 was 45% in Uppsala and 60% in Alnarp. No students from Umeå participated in this years course. The course was held for the third time. As in 2020, the course was held completely via distance teaching due to COVID-19 restrictions. This has affected both, the theoretical as well as the practical course parts. All teachers involved, have further refined their online teaching methods and were more familiar with the online teaching tools compared to 2020. This is also reflected in the positive students comments.

For this years course we have introduced "Meet the Author" sessions for in depth discussion of key literature with the author of the respective paper. This new element of the course was very well received by the students, which is encouraging us to further develop this as a key element of the course.

Based on the student comments, we will also work on the international perspectives of the course with more invited teachers from abroad, giving their perspective on sustainable plant production in other agricultural regions in the world.

The exam was held via the online examination tool Inspira for the first time. The students very well received the online examination tool, the structure of the exam as well as the mix of multiple choice and open-ended exam questions.

Unfortunately, the planned student group projects could not be realised as planned. The practical part of the projects would have involve activities for data assessment in the lab, greenhouse or field. This would not have been consistent with the requirements of social distancing and minimum distance at work, hence it was considered as a risk for both, the students and the supervisors of the respective projects. Therefore, the student project was replaced by a theoretical student project with distance supervision. If the regulations allow, the student project will be held as planned again in the upcoming courses.

Despite the special conditions under which the course was held again in 2021, the course evaluation shows an improvement in almost all categories compared to the evaluation of 2020. In none of the categories, a significant worsening of the students opinions could be observed. We will continue working on the critical points raised by the students.

## Student representatives comments

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This course had a high level of quality regarding lectures and experts guest hosting. The course provided relevant information related to what it promised. It was also well adjusted to the online-only solution being enforced during the pandemic.

The group project helped to give a collection of skills into solving the green problems of the future, although the project needs a clearer goal and direction by the course leader since the current directions were too loose and left a lot of students confused on what to do and if the case is that the project can be structured however the students like, that needs to be clearly communicated.

I would recommend this course to other students at SLU