



Sustainable Plant Production - from Molecular to Field Scale BI1295, 40032.2122

15 Hp

Pace of study = 100%

Education cycle = Advanced

Evaluation report

Evaluation period: 2022-05-29 - 2022-06-19

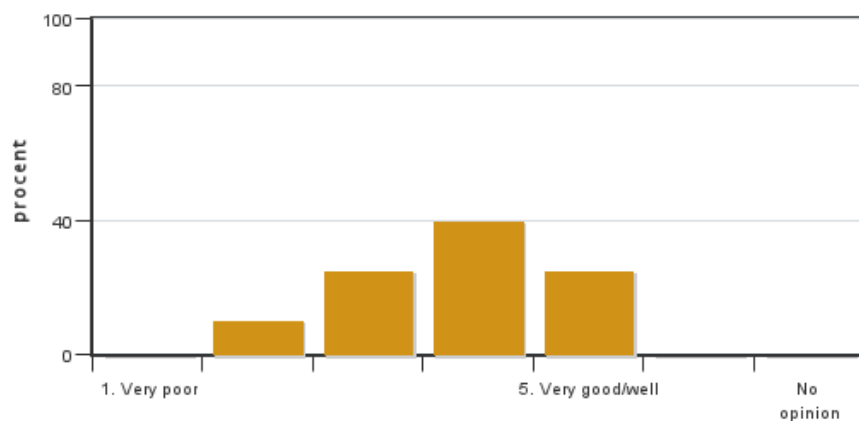
Answers 20

Number of students 25

Answer frequency 80 %

Mandatory standard questions

1. My overall impression of the course is:



Answers: 20

Medel: 3,8

Median: 4

1: 0

2: 2

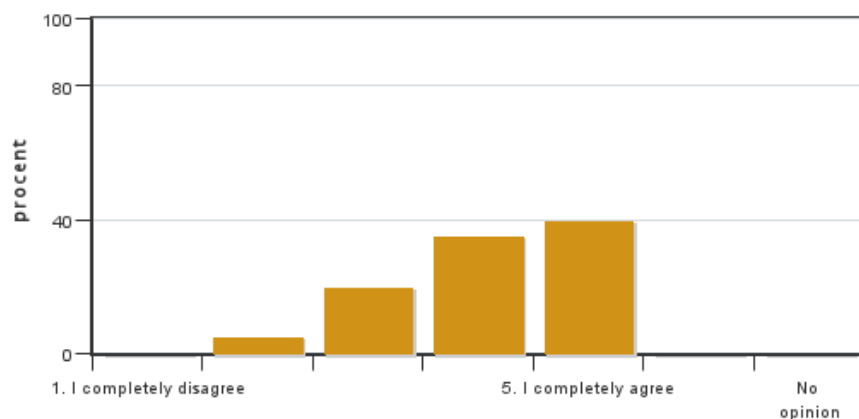
3: 5

4: 8

5: 5

No opinion: 0

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



Answers: 20

Medel: 4,1

Median: 4

1: 0

2: 1

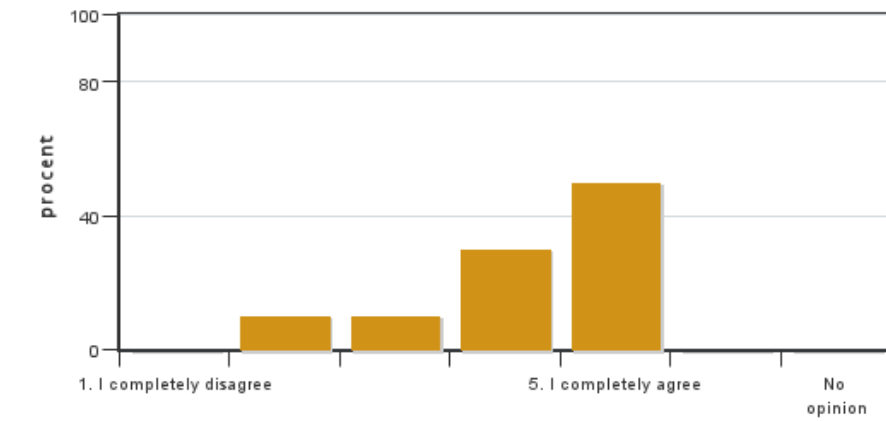
3: 4

4: 7

5: 8

No opinion: 0

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

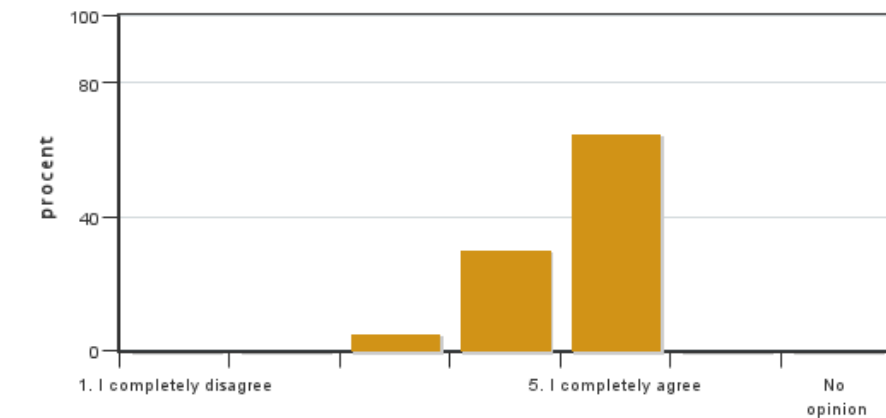


Answers: 20
Medel: 4,2
Median: 4

1: 0
2: 2
3: 2
4: 6
5: 10

No opinion: 0

4. The information about the course was easily accessible.

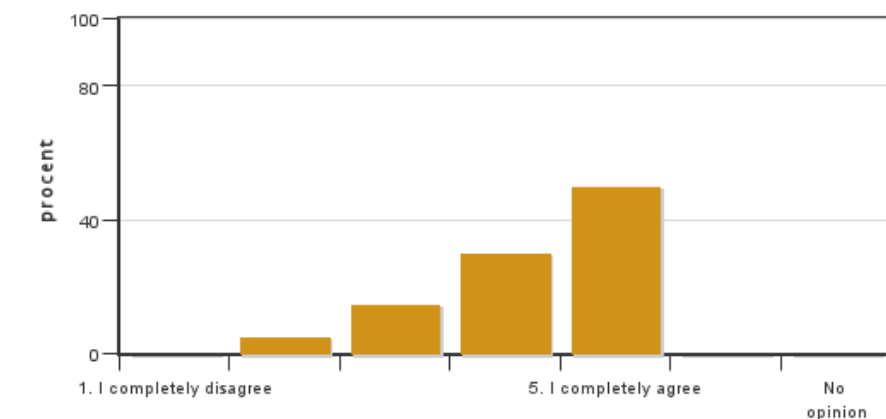


Answers: 20
Medel: 4,6
Median: 5

1: 0
2: 0
3: 1
4: 6
5: 13

No opinion: 0

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

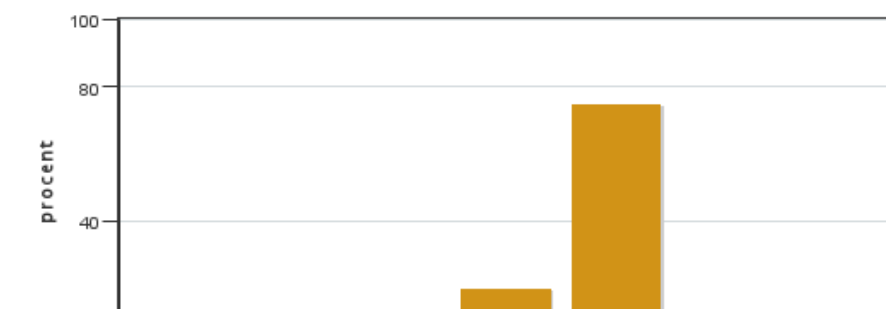


Answers: 20
Medel: 4,3
Median: 4

1: 0
2: 1
3: 3
4: 6
5: 10

No opinion: 0

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



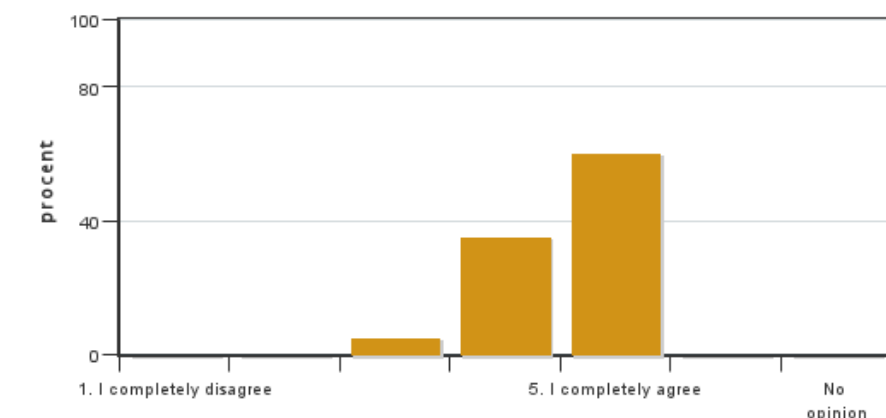
Answers: 20
Medel: 4,7
Median: 5

1: 0
2: 0
3: 1
4: 4
5: 15

No opinion: 0



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



Answers: 20

Medel: 4,6

Median: 5

1: 0

2: 0

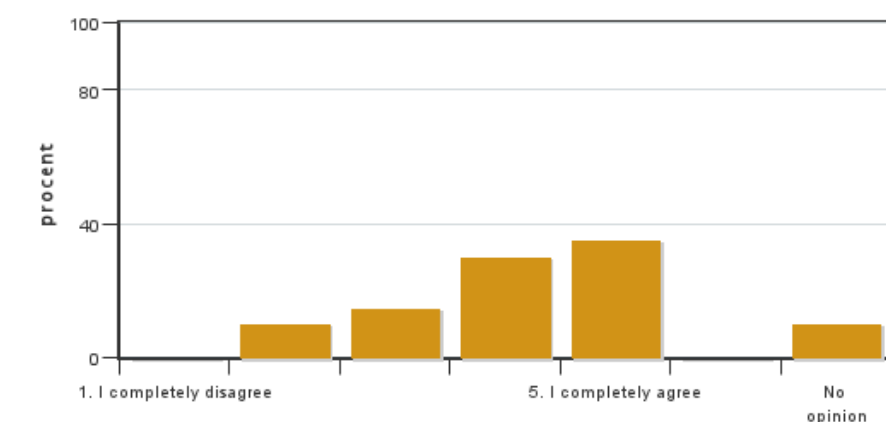
3: 1

4: 7

5: 12

No opinion: 0

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



Answers: 20

Medel: 4,0

Median: 4

1: 0

2: 2

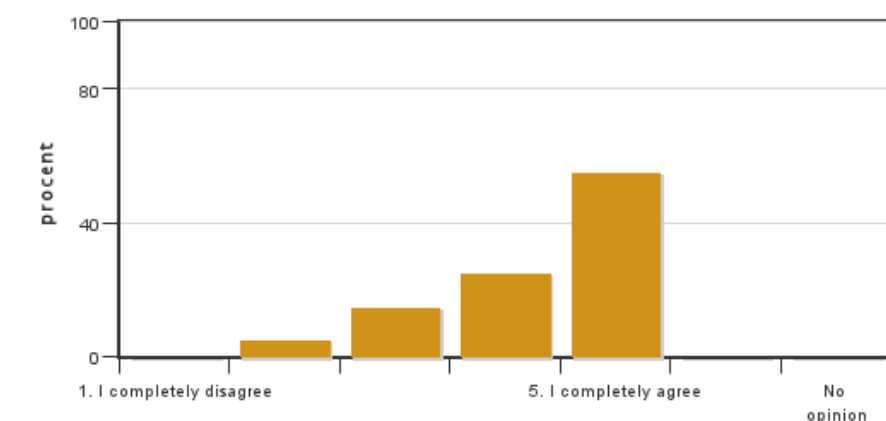
3: 3

4: 6

5: 7

No opinion: 2

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



Answers: 20

Medel: 4,3

Median: 5

1: 0

2: 1

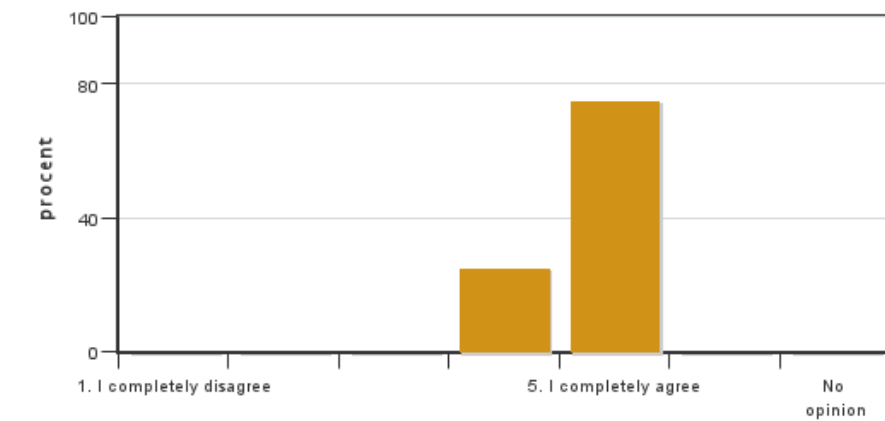
3: 3

4: 5

5: 11

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).

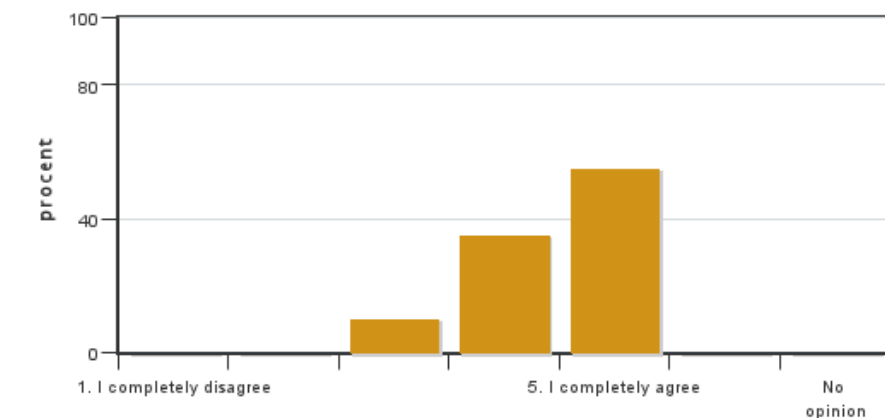


Answers: 20
Medel: 4,8
Median: 5

1: 0
2: 0
3: 0
4: 5
5: 15

No opinion: 0

11. The course covered international perspectives.

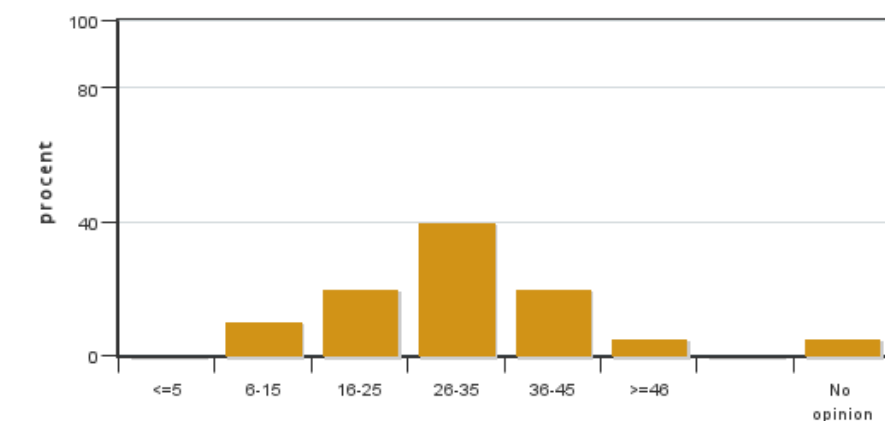


Answers: 20
Medel: 4,5
Median: 5

1: 0
2: 0
3: 2
4: 7
5: 11

No opinion: 0

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

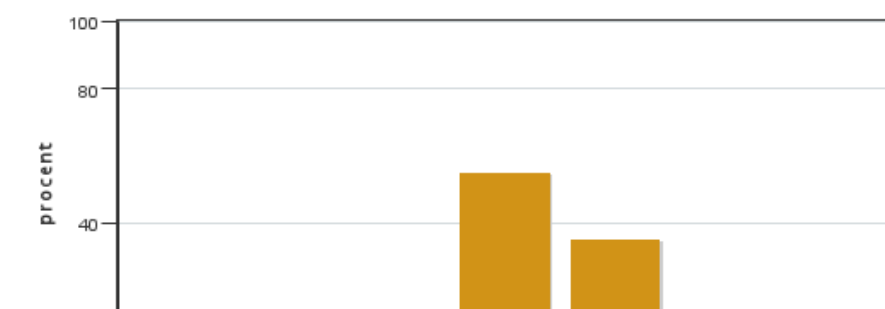


Answers: 20
Medel: 28,7
Median: 26-35

≤5: 0
6-15: 2
16-25: 4
26-35: 8
36-45: 4
≥46: 1

No opinion: 1

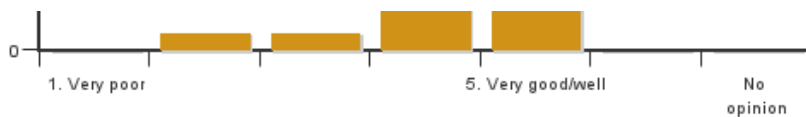
13. If relevant, what is your overall experience of participating in all or part of your course online?



Answers: 20
Medel: 4,2
Median: 4

1: 0
2: 1
3: 1
4: 11
5: 7

No opinion: 0

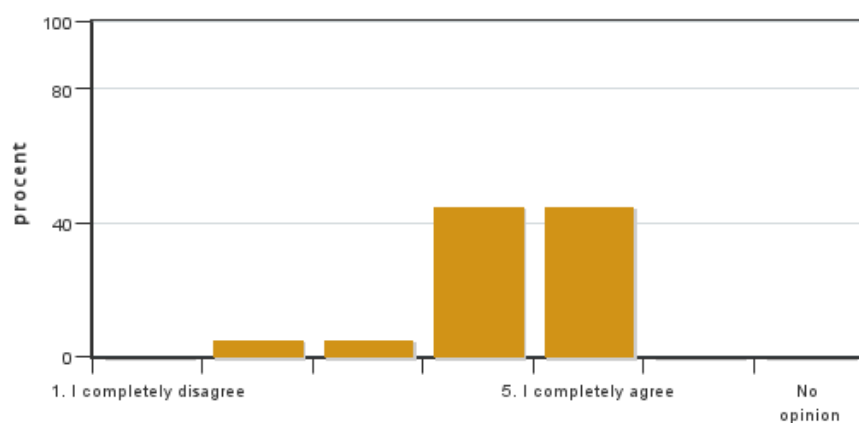


14. If relevant, please share what worked well when participating in teaching on distance

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: 20

Medel: 4,3

Median: 4

1: 0

2: 1

3: 1

4: 9

5: 9

No opinion: 0

Course leaders comments

The following comments and reflections are in response to the course evaluation of participating students from the course locations Uppsala and Alnarp. The answering rate for the course evaluation 2022 was 80% in Uppsala and 100% in Alnarp. No students from Umeå participated in this year's course. The course was held for the fourth time.

Due to the ongoing pandemic, the course was held in a hybrid format, allowing for online and on-campus participation. Managing the lecture rooms across two campuses and online participants are challenging for teachers and technical problems occur.

The "Meet the Author" sessions for in-depth discussion of key literature with the author of the respective paper were again received positively. This 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 perspectives on sustainable plant production in other agricultural regions in the world.

The exam was held via the online examination tool Inspira for the second 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.

The group projects need some further improvement for next year. Additional lectures in statistics will be provided as well as the project topics will be more aligned with the course contents and intended learning outcomes.

Student representatives comments

80% of the students have completed the course evaluation. Overall, the students were very content with the lectures and exercises and that the lecturers were available and supportive. However, many thought that the course should cover even more about sustainability and especially a bit more about economic sustainability. The exam provided opportunity to demonstrate knowledge but the multiple choice questions could be formulated better and the genetics part was a bit too easy. Also, some students did not understand the ILO system for the exam.

Quite many of the students did not think that the group projects had a clear link to the ILOs and did not feel prepared for the statistical analyses in the projects. Also, the topics of the group projects did not feel very relevant to the rest of the course. However, some students thought that the group project was a good preparation for writing a thesis.

The information about the course was quite accessible and most students were happy with the social and physical learning environment. The design of the course was also good. Almost all of the students were happy with the possibility to participate online and appreciated that most lecturers knew how to handle zoom. The discussions via zoom were also appreciated but could be shortened a bit. However, some students had some trouble staying focused and hearing what was being said in the classroom during zoom participation.

For the next year, the most important modification would be to prepare the students more for the group project or to change the projects. This could be done by adding exercises/labs where the students learn R and discuss with lecturers. An alternative would be to add knowledge about statistics as a prerequisite knowledge requirement. Another thing that could be added is some practical exercises or field trips.