



## Precision livestock farming for sustainable production TN0356, 30293.2122

7.5 Hp

Pace of study = 50%

Education cycle = Advanced -

Course leader = Anders Herlin

### Evaluation report

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Evaluation period: 2022-03-16 - 2022-04-06

Answers 2

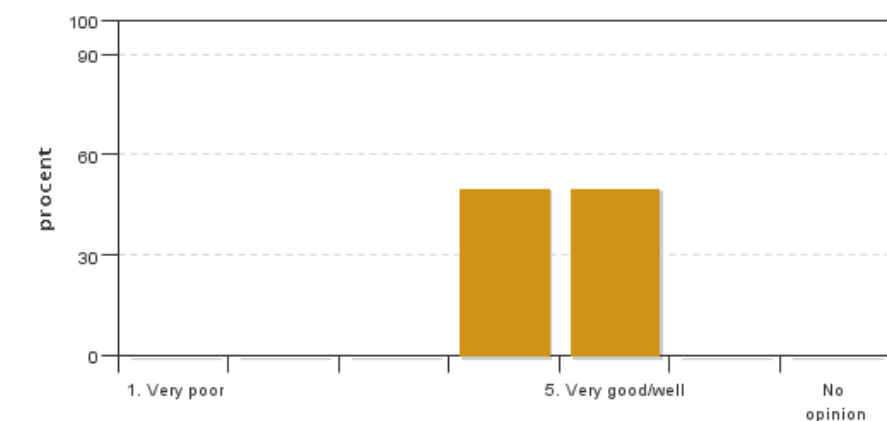
Number of students 9

Answer frequency 22 %

### Mandatory standard questions

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

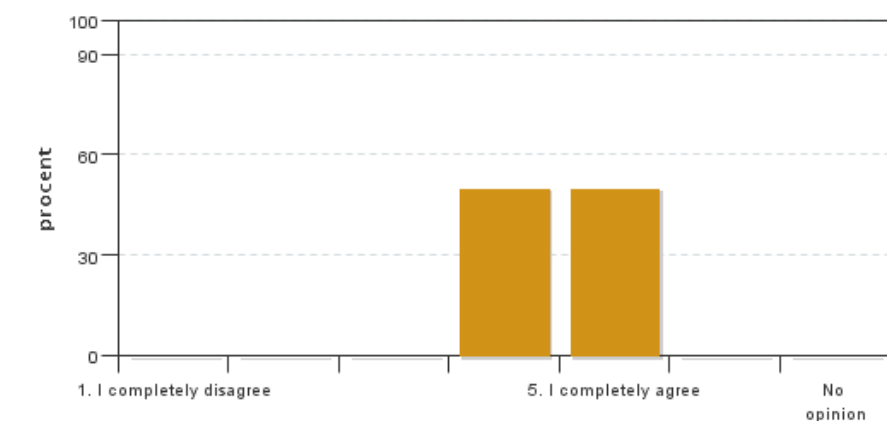


Answers: 2  
Medel: 4,5  
Median: 4

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

No opinion: 0

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

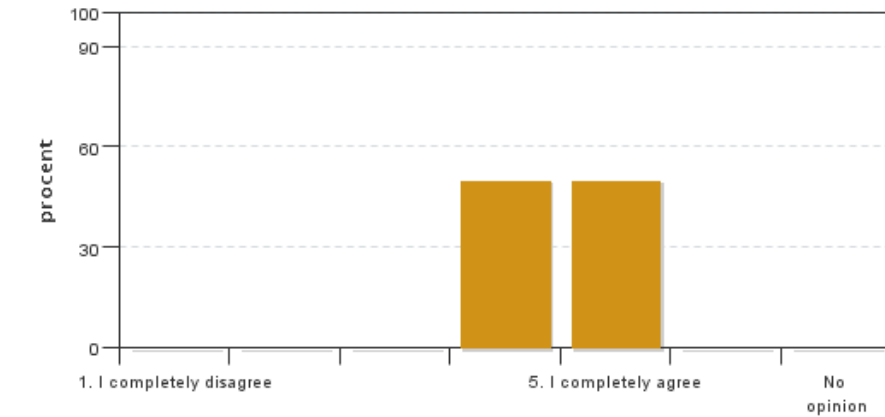


Answers: 2  
Medel: 4,5  
Median: 4

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

No opinion: 0

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

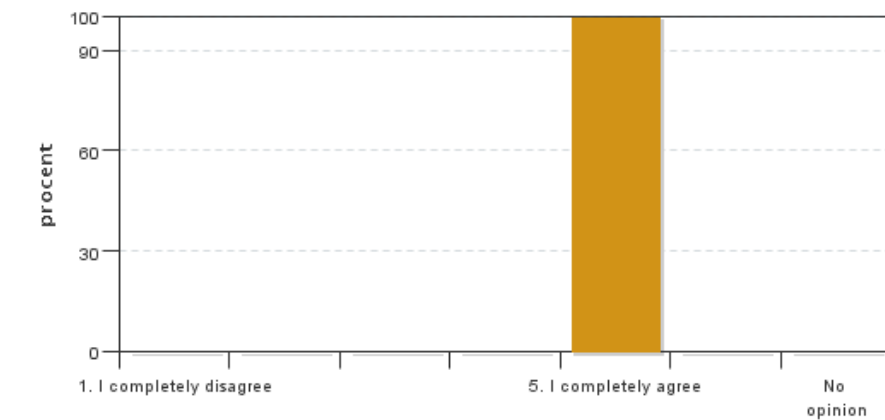


Answers: 2  
Medel: 4,5  
Median: 4

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

No opinion: 0

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

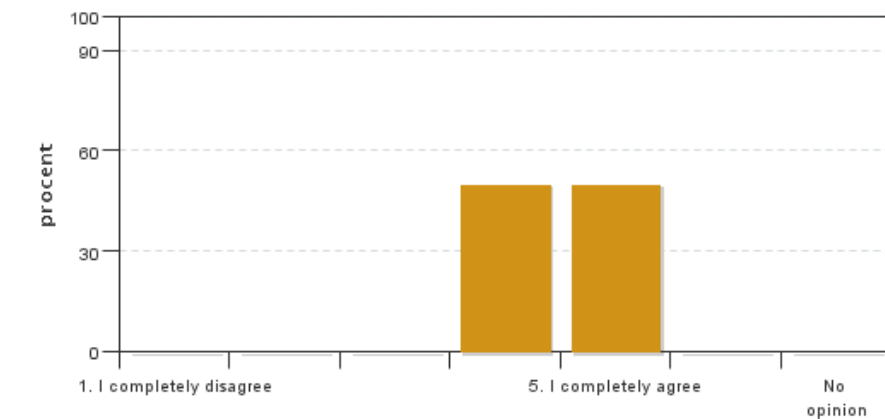


Answers: 2  
Medel: 5,0  
Median: 5

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

No opinion: 0

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

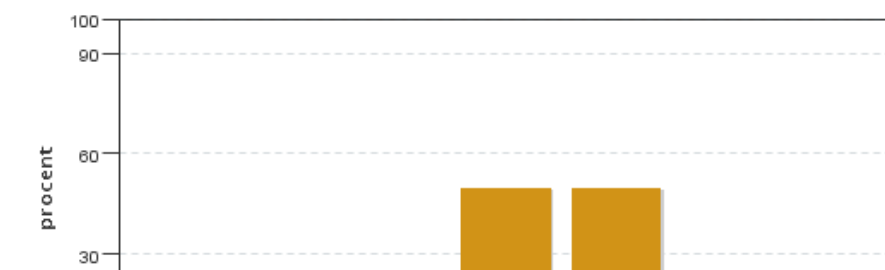


Answers: 2  
Medel: 4,5  
Median: 4

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

No opinion: 0

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



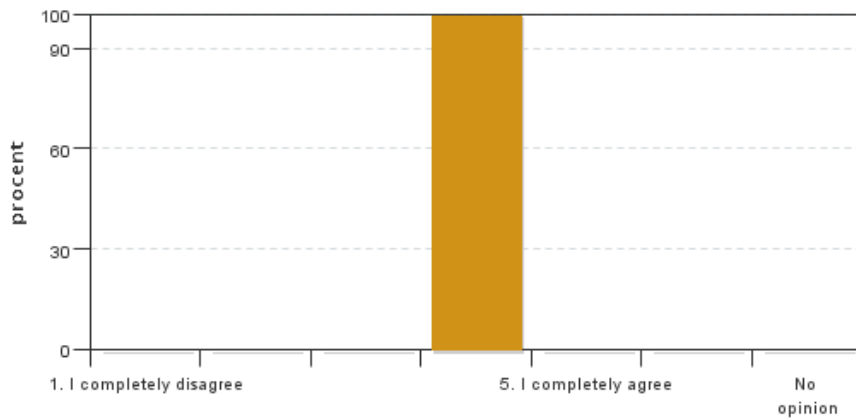
Answers: 2  
Medel: 4,5  
Median: 4

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



No opinion: 0

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

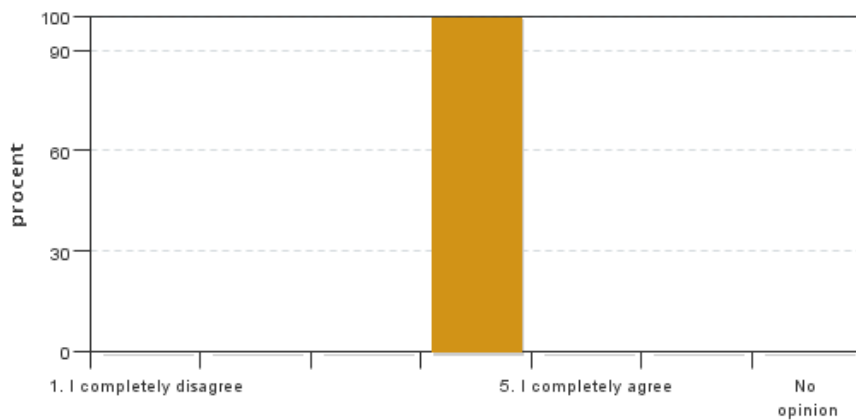


Answers: 2  
Medel: 4,0  
Median: 4

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

No opinion: 0

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

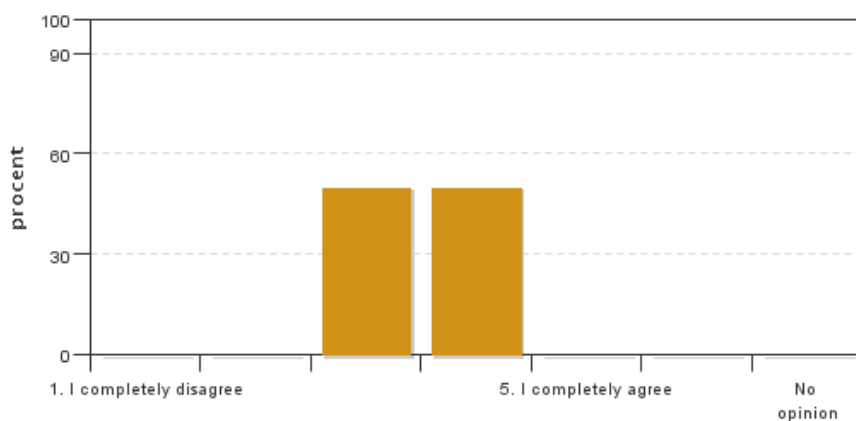


Answers: 2  
Medel: 4,0  
Median: 4

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

No opinion: 0

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

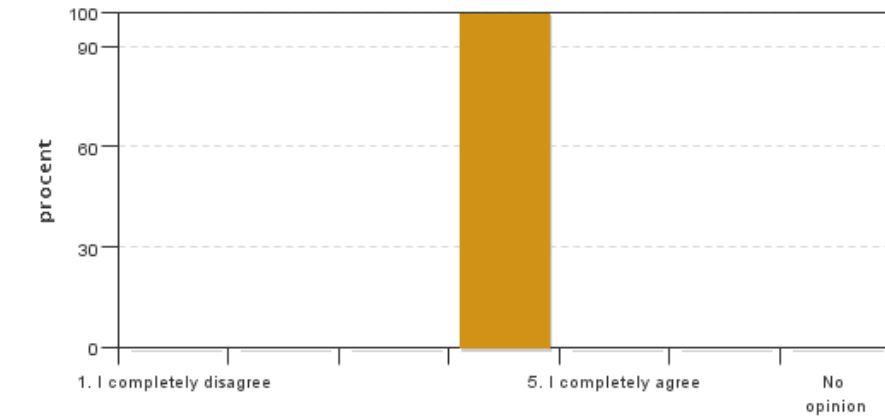


Answers: 2  
Medel: 3,5  
Median: 3

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

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).**

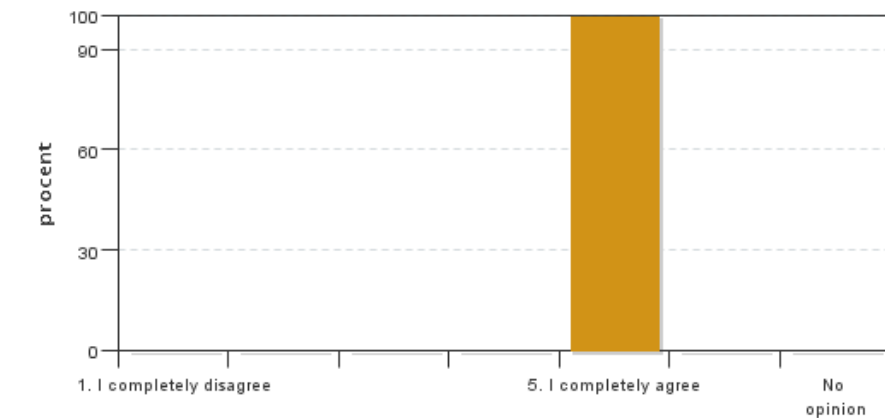


Answers: 2  
 Medel: 4,0  
 Median: 4

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

No opinion: 0

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

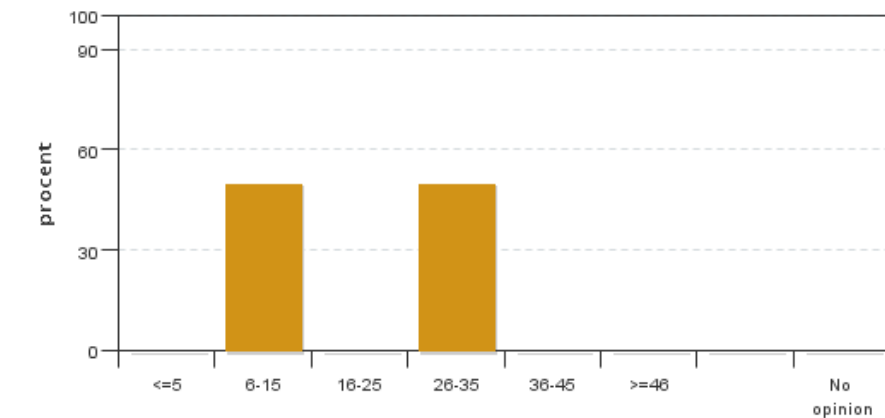


Answers: 2  
 Medel: 5,0  
 Median: 5

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

No opinion: 0

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



Answers: 2  
 Medel: 20,0  
 Median: 6-15

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

No opinion: 0

**13. What is your overall experience of participating in all or part of your course online?**



Answers: 2  
 Medel: 5,0  
 Median: 5

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

No opinion: 0



**14. Please share what worked well when participating in teaching on distance**

**15. Please share what worked less well when participating in teaching on distance**

## Course leaders comments

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We brought in changes to the second running of the course like a clearer schedule with literature and task deadlines together with weekly online Q&A sessions. Also, kind reminders to students improved communication with students. These changes were well received by the students. As suggested by the students, we plan to have the Q&A even later, starting at 17 instead of 16 in order to make more students be able to attend (we had students doing full-time work or studies). We hope this would encourage more students to participate in the Q&A sessions.

There is no urgent need to change the curriculum, but we have to assess the workload for the students and adjust the "burden", by adjusting the number of tasks, and how large the hand-ins are expected to be.

Some students missed out on the core of the topics, especially the 2 reports. Also, despite structured lectures and reading materials, some students had trouble fully understanding the topic, as reflected by their answers in the hand-ins. We suggest that we will try to produce informal pod-casts where teachers discuss topics so students can listen to them during travel or walk in the park. As we don't meet the students at all, only online this could be a way to enhance the understanding of the topic as well as having it in a form that would suit the full-time employee or student.

## Student representatives comments

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### ***Precision livestock farming for sustainable production – VT2022 : Course evaluation***

*This report is based on the Evaluation report (1) and the discussion during the last course with a part of the students and Anders (2).*

**1. Student report: participation = 33%**

*Number of answers: 3 students among 9 registered = 33%*

**Overall impression of the course = 4,7/5**

**Time spent on the course:**

- 2 answers for **6-15h/week**
- 1 answer **26-45h/week**

The time spent for the course seemed reasonable for the students present during the last course. However, they found that there was a lot of work at the beginning of the course, almost as much as a 100% pace course.

**Point with a score of 4/5:**

- The physical learning environment (facilities, equipment etc.) has been satisfactory.
- The course has included a gender and equality aspect, regarding content as well as teaching practices.

**Points with a score of 4,3/5**

- The course content has clear links to the learning objectives of the course.
- The social learning environment has been inclusive, respecting differences of opinion.
- The examination(s) provided opportunity to demonstrate what I had learnt during the course.
- The course covered the sustainable development aspect (environmental, social and/or financial sustainability).

**Points with a score of 4,7/5:**

- Prior knowledge was sufficient for to benefit from the course.
- The various course components have supported learning.
- The course covered international perspectives.

**Points with a score of 5/5:**

- The information about the course was easily accessible.
- Overall experience of participating of the students in all or part of your course online.

**2. Comments made during the last lecture**

**The students who expressed themselves are very satisfied with this course!**

**General comments on the course:**

- Students are satisfied with the schedule and the way the modules work and do not want it to change.
- They think that it is very important to keep 1 or 2 Q&A sessions per week.
- The course was well planned and presented to the students at the beginning of the module, which gave them a good overview of the program and helped them organize their work. They were also pleased with the early announcement of deadlines, which allowed them to organize their work on their own.
- Some students noted the large number of papers provided throughout the course, but it was concluded that this was positive for students wanting to go further and that this was not a problem as long as students were not required to read all of these papers.

**Ideas for next year:**

- One idea put forward by a student was to ask students to send their questions in advance for the Q&A sessions to allow teachers to prepare their answers, so as to devote enough time to important questions, which sometimes lacked time to be answered.
- Some students would like these sessions to be shifted to 5pm to allow those with work constraints to join these sessions.
- Finally, it was discussed with Anders about a podcast format, for example for lectures, or even for assignments where students could discuss more informally, to allow participants to follow the course in transportation etc. Without changing the course materials, which the students are happy with, it might be interesting to add a lecture of this type.

**Thank you again for a very nice course! :)**

Course representative: Morgane LE GOFF

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