



Fakulta rybnářství  
a ochrany vod  
Faculty of Fisheries  
and Protection  
of Waters

Jihočeská univerzita  
v Českých Budějovicích  
University of South Bohemia  
in České Budějovice  
Czech Republic

**Confidential**

**Supervisor's Review of USB RIFCH PhD Thesis**

Surname of the PhD student: <b>Jan Masilko</b>	Name of supervisor: <b>Sabine Sampels</b>
Title of PhD thesis: Production efficiency of technological modified cereals in market carp farming.	

**OVERALL COMMENTARY ON THE PhD THESIS**

The main aim of the work was to investigate if a pretreatment of the cereals used as fish feed, could result in increased efficiency and productability. The work has a practical impact for the fisheries community and the results can lead to a more economical and efficient fish production. This is also shown by the certified technology which is included in the thesis. Furthermore the thesis deals with preservation of water quality and investigation of the effect of production system on final fish quality. Both topics are of importance as consumers nowadays are more aware of quality and as well of sustainability of products they buy. This is also true for fish.

The thesis is written in a clear and easy to understand way. There is a clear rationale and Jan Masilko managed to discuss and summarize the aims and results of his work well. The different parts of the work fit well together and the design of the studies is good. Jan Masilko also managed to fit the single parts of his work into a wider picture and to interconnect the meaning of the different results.

I recommend the thesis for defence.

**FINAL RECOMMENDATION**

- can be recommended for defence of PhD Thesis
- can be recommended with reservations for defence of PhD Thesis
- can not be recommended for defence of PhD Thesis

29. 4. 2015 Česká Budějovice  
Date and place

Sampels S  
surname and signature