



INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

# Seminář na téma Český trh s krmivy pro ryby

Ing. Pavlík - Potable quality rainbow trout (*Oncorhynchus mykiss*) from intensive farming conditions an the Czech Republic

Akce je realizována v rámci klíčové aktivity 02 „Interdisciplinární vzdělávání pracovníků výzkumu a vývoje projektu

**EXCELENCE DOKTORSKÉHO STUDIA NA AF MENDELU**  
**PRO NAVAZUJÍCÍ EVROPSKOU VĚDECKO - VÝZKUMNOU KARIÉRU**

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Tento projekt je spolufinancován z Evropského sociálního fondu a státního rozpočtu České republiky

**Potable quality rainbow trout (*Oncorhynchus mykiss*) from intensive farming conditions an the Czech Republic**



Developed: Ing. Milan Pavlík

Thesis supervizor: Doc. Dr. Ing. Jan Mareš

**Department of Zoology, Fisheries, Hydrobiology and Apiculture**

**Faculty of Agronomy**

**Mendel univerzity Brno**

# Objective labor

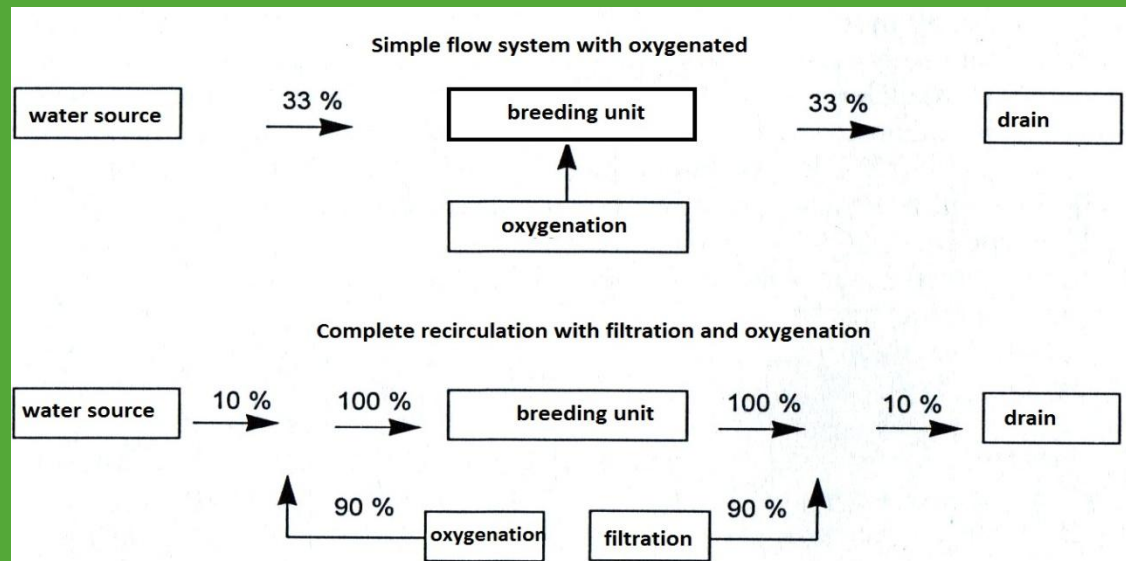
- Evaluation of nutritional levels and consumerist values rainbow trout from intensive farming conditions in the CR



# Material and Methods



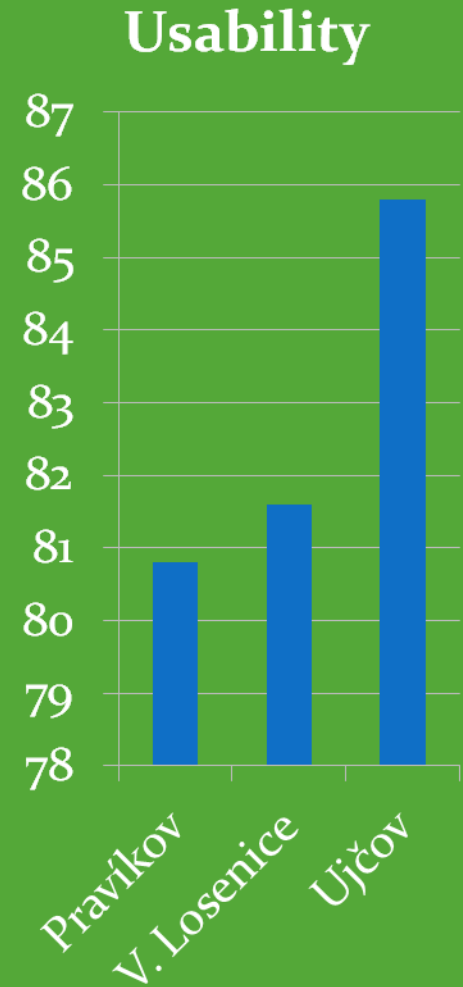
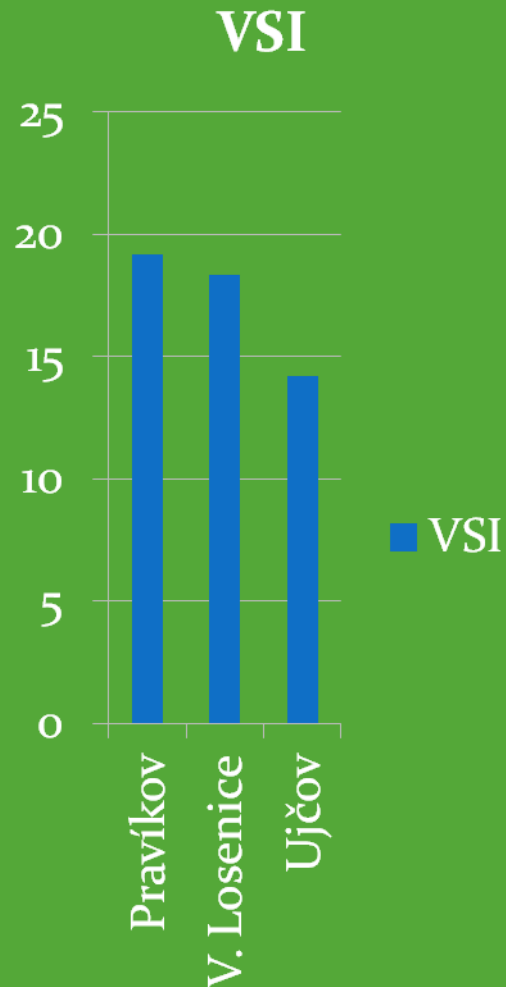
- Fish famrs
- Feed
- Collection and processing of fish samples
- Collected parametres
- The observed criterion



# Results

- Consumer value

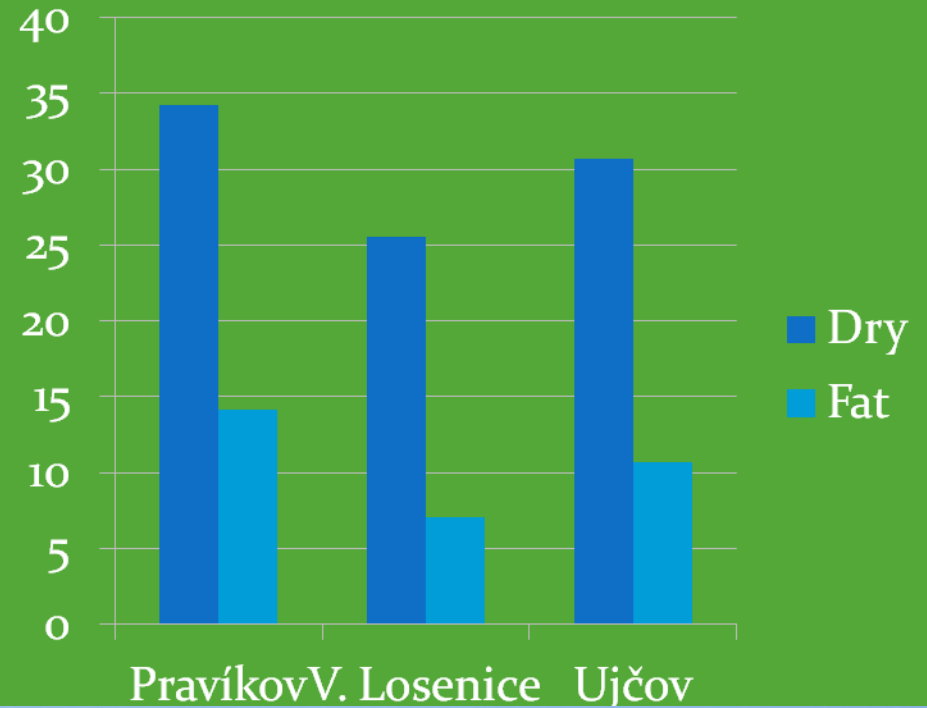
Farms	VSI (%)	Usability (%)
Pravíkov	19,16	80,80
V. Losenice	18,37	81,60
Ujčov	14,18	85,80



# Results

- Nutritional value

Farms	Average composition of muscle		
	Dry (%)	Proteins (%)	Fat (%)
Pravíkov	34,22	20,87	14,12
V. Losenice	25,50	17,91	7,09
Ujčov	30,71	18,59	10,71



# Conclusion

- Usability of the rainbow trout in the conditions of the Czech Republic is moving at 80,8% - 85,8%.
- The composition of muscle of trout in the conditions of the Czech Republic was found out between 25,25 - 34,22% for dry matter, 17,91 - 20,87% for proteins, 7,09-14,12% for fat.



# Thanks

- I would like to thank to colleagues from the Department of Fishery and Hydrobiology.



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Thank you for your attention!

