



Partial recirculating system in Baden-Wuerttemberg: DE-TRR-150^{top}

OVERVIEW	
Region	Baden-Wuerttemberg
Production (mt/year)	150
Size (ha)	12,5
Technique	Raceways; partly, cold-water recirculating aquaculture system (RAS)
Species	(I) Rainbow trout (<i>Oncorhynchus mykiss</i>)
Production steps	Broodstock & Hatchery Nursery Grow-out
Work force	4
Company structure	sole proprietorship
Datasets (year)	2019



Particularities

The fish production of **DE-TRR-150^{top}** is fully vertically integrated. It covers every production step from egg to the grown fish. Like this, 150 t rainbow trout are produced in a cold-water partly recirculating aquaculture system (RAS) that is gaining importance as a possible adaption to climatic changes.

Automated production processes result in lower costs for labor, but correlate with higher investments in infrastructure and technology and thus high depreciation costs. Nevertheless, DE-TRR-150 is profitable in the long-term.

GROW-OUT	
Stocking (k-pieces)	(I) 420
Start weight (g)	(I) 15
Finishing (g)	(I) 380
Mortality (%)	(I) 6 %
Feed Conversion Ratio (FCR)	(I) 0,95
Work input (h)	8.588

DISTRIBUTION (% OF PRODUCTION VOLUME)	
Wholesale	(I) 80%
Fishing clubs	(I) 20 %

Cash, non-cash costs, market returns and profitability (€/kg LW)

