

Aquapulse™ Water Technology
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Case Summary – Rainbow Trout – (*Oncorhynchus mykiss*)

Location – Trafalgar Fisheries, Burford Fish Farm, Burford Lane, Downton, Salisbury, United Kingdom SP5 3QF

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Method

8 x 15 Kg batches of eggs (equating to c 90,000 eggs per batch) from the same spawning were placed into each of eight raceways on September 20, 2019. Aquapulse cartridges were set into four of the raceways. Identical volumes of two different food types were measured and dispersed into each raceway for the duration. The fish were weighed on December 02, 2019.

The purpose of the evaluation was to test the hypothesis that fish raised in Aquapulse treated water exhibit an increased rate of growth.

Results

Raceway	Ave. weight per fish (g)	Feed	
1	2.27	Biotech	Control
2	2.28	Biotech	Control
3	2.10	Skretting	Control
4	2.19	Skretting	Control
5	2.52	Skretting	Aquapulse
6	2.55	Skretting	Aquapulse
7	2.66	Biotech	Aquapulse
8	2.70	Biotech	Aquapulse

Control/Biotech = 2.28g Aquapulse/Biotech = 2.68g **(Aquapulse group +18%)**

Control/Skretting = 2.15g Aquapulse/Skretting = 2.54g **(Aquapulse group +18%)**

Conclusions

When comparing control vs Aquapulse raceways for identical fish feed, Aquapulse resulted in 18% greater growth among fish raised in treated water.