RESEARCH IN ACTION: *HCMR* launches seabream breeding sampling

DID YOU KNOW?

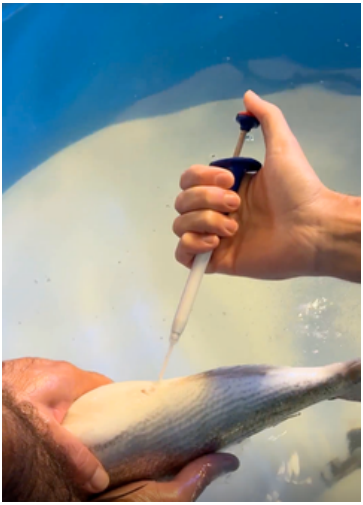
In a spawning group, not every male contributes equally to the next generation.

By introducing a new group of younger males during the spawning season, researchers hope to increase the number of males or sires represented in each spawning event, helping to produce sufficient family groups and hence preserve genetic diversity.

A new experiment gets underway

Earlier this year, researchers from the ***Hellenic Centre for Marine Research*** (HCMR) in Greece began one of the first experimental activities within SelectOrganic, focusing on gilthead seabream.

The team is exploring whether introducing younger males during the spawning season can encourage a more balanced parental contribution, ultimately maintaining the genetic diversity of future generations.



Why does this matter?

Maintaining genetic diversity is essential for maintaining long term selection response and developing healthy and resilient fish populations.
By increasing the number of families represented in each egg batch, breeding programmes can improve long-term adaptability while supporting the goals of sustainable organic aquaculture.

Looking ahead

The first results from this experiment are now available and will soon be presented at the Aquaculture Europe conference.
Stay tuned for more updates as the research progresses.