Domestication and GnRHa-induced spawning of meagle (Agryosomus regius).

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Good potential for aquaculture.
High growth rate = 1 kg body weight (BW) in one year.

Reports do not exist on captive spawning. Wild specimens indicate puberty at >8 kg BW.

This study aimed to describe acclimation to captivity and spawning induction protocols.

Wild meagre appear to be tolerant of captivity. The protocols applied in this study, enabled large adult meagre to be acclimated to captivity in a closed recirculation system. The meagre completed maturation to an advanced stage and induced spawning protocols were applied successfully.

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