

## Mediterranean Marine Science

Vol 22, No 1 (2021)

Vol 22, No 1 (2021)



### Life cycle assessment of seabass and meagre in marine cage farming: From feeding plant to harvesting

EVANGELOS KONSTANTINIDIS, COSTAS PERDIKARIS, KONSTANTINOS GANIAS

doi: [10.12681/mms.25052](https://doi.org/10.12681/mms.25052)

#### To cite this article:

KONSTANTINIDIS, E., PERDIKARIS, C., & GANIAS, K. (2021). Life cycle assessment of seabass and meagre in marine cage farming: From feeding plant to harvesting. *Mediterranean Marine Science*, 22(1), 125–136. <https://doi.org/10.12681/mms.25052>

## Life cycle assessment of seabass and meagre in marine cage farming: From feeding plant to harvesting

Evangelos KONSTANTINIDIS, Costas PERDIKARIS and Konstantinos GANIAS

*Mediterranean Marine Science, 2021, 22 (1)*

**Table S1.** Raw data from seabass and meagre fish farms (mean weights and FCRs are weighted averages).

<b>Seabass</b>	Fry (items)	Initial biomass (kg)	Feed consumption (Kg)	Fish harvested (ind.) weight (Kg)	Mean weight (Kg) $\geq 4.5$ (Kg)	Harvested biomass (Kg)	Rearing period (months)	Feed Conversion Ratio (FCR)	Mortality
			0.3 - 2.5 (Kg)	3.0 - 4.0 (Kg)	$\geq 4.5$ (Kg)				
Fish farm 1	411.500	1.985	20.338	124.848	137.686	303.213	0,431	130.664,20	27,62
Fish farm 2	2.109.400	14.344	75.575	191.275	1.493.775	1.792.411	0,453	812.122,78	26,00
Fish farm 3	1.029.400	7.752	23.686	77.731	490.094	778.094	0,387	300.823,44	16,53
Fish farm 4	794.764	6.040	23.812	80.246	491.475	653.445	0,445	291.018,98	25,04
<i>Total</i>	<i>4.345.064</i>	<i>30.120</i>	<i>143.411</i>	<i>474.100</i>	<i>2.613.030</i>	<i>3.527.163,0</i>	<i>0,437</i>	<i>1.534.629,40</i>	<i>23,80</i>
<b>Meagre</b>			0.3 - 2.5 (Kg)	3.0 - 4.0 (Kg)	$\geq 4.5$ (Kg)				
Fish farm 1	257.100	1.155	10.760	20.250	535.150	128.867	2,239	288.554	34,67
Fish farm 2	267.800	843	10.450	20.675	586.248	153.967	2,054	316.256	30,92
<i>Total</i>	<i>524.900</i>	<i>1.998</i>	<i>21.210</i>	<i>40.925</i>	<i>1.121.398</i>	<i>282.834</i>	<i>2,142</i>	<i>604.810</i>	<i>32,80</i>
									<i>46,1%</i>