



BIOMAR COSTA RICA'S ASC FEED REPORTS

REPORT TITLE: GHG EMISSIONS
REPORT PERIOD: JANUARY TO DECEMBER 2025
INDICATOR: 1.21.5



Table 1. Production year

Year of production (yyyy)

Table 2. GHG emissions by scope

Emissions scope

	GHG emissions per tonne of ASC compliant feed (kg CO ₂ -eq/t)	
	Biophysical (mass) model	Economic model
Scope 1	64.37	64.37
Scope 2	12.6	12.6
Scope 3	1,081	882.23
Total	1157.97	959.2

Table 3. GHG emissions by category

Emissions category

	Biophysical (mass) model	Economic model
Fossil emissions	895.2	865.4
Biogenic emissions	41.1	27.1
Land use change emissions	199.6	49.2
Unspecified emissions	21.9	17.5
Total	1157.8	959.2

Table 4. GHG emission by Input / Activity

Input / Activity	Quantity (kg/t)	Biophysical (mass) model	Economic model
Soy crop inputs	175	148.3	105.3
Other crop inputs	370	339.7	279.2
Reduction fishery inputs	287	246.4	250.2
Fishery by-product inputs	102	60.8	52.2
Poultry / livestock inputs	11	94.5	9.5
Other feed inputs	55	109.2	103.9
Transport and milling		158.9	158.9
Total	1000	1157.8	959.2

Notes

All emissions values must be reported in units of kg CO₂-equivalent per tonne of ASC compliant feed.

Emissions totals for each section should be equivalent.

Total feed input quantity (kg/t) must equal 1000. Use 'Other feed inputs' to make up any difference from 1000 kg. 'Other feed inputs' should also include vitamins, amino acids, and other microingredients.

Transport-related emissions may be difficult to separate from ingredient production and processing emissions, depending on the data source used. Do not include any transport emissions in 'Transport and milling' that are already counted in the emissions of one of the ingredient groups.