BIOMAR COSTA RICA'S ASC FEED REPORTS - SHRIMP

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

Table 1. Production year

Year of production (yyyy)	2025

Table 2. GHG emissions by scope

	GHG emissions per tonne of ASC compliant feed (kg CO_2-eq/t)	
Emissions scope	**Biophysical (mass) model**	**Economic model**
Scope 1	70.952	70.952
Scope 2	4.2	4.2
Scope 3	852	780.448
Total	927.1	855.6

Table 3. GHG emissions by category

Emissions category	**Biophysical (mass) model**	**Economic model**
Fossil emissions	747	673
Biogenic emissions	65.4	22.1
Land use change emissions	114.7	160.5
Unspecified emissions	0	0
Total	927.1	855.6

Table 4. GHG emission by Input / Activity

Input / Activity	**Quantity (kg/t)**	**Biophysical (mass) model**	**Economic model**
Soy crop inputs	505	348.9	400.6
Other crop inputs	247.5	244.8	115.4
Reduction fishery inputs	0	0	0
Fishery by-product inputs	104.8	89.1	92.2
Poultry / livestock inputs	0	0	0
Other feed inputs	142.7	42.1	45.2
Transport and milling		202.2	202.2
Total	1000	927.1	855.6

Notes

All emissions values must be reported in units of kg CO_2-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.