BIOMAR COSTA RICA'S ASC FEED REPORTS - COBIA

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	42.68	42.68
Scope 2	2.53	2.53
Scope 3	1,090	873.69
Total	1135.1	918.9

Table 3. GHG emissions by category

Emissions category	**Biophysical (mass) model**	**Economic model**
Fossil emissions	850.5	828.7
Biogenic emissions	35.8	8
Land use change emissions	248.8	82.2
Unspecified emissions	0	0
Total	1135.1	918.9

Table 4. GHG emission by Input / Activity

Input / Activity	**Quantity (kg/t)**	**Biophysical (mass) model**	**Economic model**
Soy crop inputs	63.9	126.4	36.9
Other crop inputs	379.1	360	264
Reduction fishery inputs	404.6	348.2	353.6
Fishery by-product inputs	72.9	43	31
Poultry / livestock inputs	0	0	0
Other feed inputs	79.5	122.3	98.2
Transport and milling		135.2	135.2
Total	1000	1135.1	918.9

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.