



DISCLOSURE MATERIALS

Certified B Corporations must complete a Disclosure Questionnaire to identify potentially sensitive issues related to the company (e.g. historical fines, sanctions, material litigation, or sensitive industry practices).

This component does not affect the company's score on the B Impact Assessment. If the company answers affirmatively to any items in the Disclosure Questionnaire and B Lab deems them to be material, the company must:

- 1) Be transparent about the disclosure issues identified on the company's public B Impact Report
- 2) Describe how the company has addressed this issue.
- 3) Demonstrate that management systems are in place to avoid similar issues from arising in the future.

In all cases, the Standards Advisory council reserves the right to refuse certification if the company is ultimately deemed not to uphold the spirit of the community.

In addition to the voluntary indication of sensitive issues in the Disclosure Questionnaire, companies pursuing Certification also are subject to background checks by B Lab staff. Background checks include a review of public records, news sources, and search engines for company names, brands, executives/founders, and other relevant topics.

Sensitive issues identified through background checks may or may not be within the scope of questions in the Disclosure Questionnaire, but undergo the same review process and are subject to the same possible review by the Standards Advisory Council, including ineligibility for B Corp Certification, required remediation, or disclosure.

This document contains a copy of the company's completed Disclosure Questionnaire and related disclosure documentation provided by the company.



DISCLOSURE QUESTIONNAIRE

Company Name: InnovaFeed

Date Submitted: 09/14/2022

Industries & Products	Yes	No
Please indicate if the company is involved in production of or trade in any the following. Select Yes for all options that apply.		
Animal Products or Services	√	
Biodiversity Impacts		√
Chemicals		√
Company Explanation Of Disclosure Item Flags		√
Disclosure Alcohol		√
Disclosure Firearms Weapons		√
Disclosure Mining		√
Disclosure Pornography		√
Disclosure Tobacco		√
Energy and Emissions Intensive Industries		√
Fossil fuels		√
Gambling		√
Genetically Modified Organisms		√
Illegal Products or Subject to Phase Out		√
Industries at Risk of Human Rights Violations		√
Monoculture Agriculture		√
Nuclear Power or Hazardous Materials		√
Payday, Short Term, or High Interest Lending		√
Water Intensive Industries		√
Tax Advisory Services		√

Supply Chain Disclosures	Yes	No
Please indicate if any of the following statements are true regarding your company's significant suppliers.		
Business in Conflict Zones		√
Child or Forced Labor		√
Negative Environmental Impact		√
Negative Social Impact		√
Other		√

Outcomes & Penalties	True	False
Please indicate if the company has had any formal complaint to a regulatory agency or been assessed any fine or sanction in the past five years for any of the following practices or policies. Check all that apply.		
Anti-Competitive Behavior		√
Breaches of Confidential Information		√
Bribery, Fraud, or Corruption		√
Company Explanation Of Disclosure Item Flags		√
Company has filed for bankruptcy		√
Consumer Protection		√
Financial Reporting, Taxes, Investments, or Loans		√
Hazardous Discharges Into Air/Land/Water (Past 5 Yrs)		√
Labor Issues		√
Large Scale Land Conversion, Acquisition, or Relocation		√
Litigation or Arbitration		√
On-Site Fatality		√
Penalties Assessed For Environmental Issues		√
Political Contributions or International Affairs		√
Recalls		√
Significant Layoffs		√
Violation of Indigenous Peoples Rights		√
Other		√

Practices	True	False
Please indicate if the following statements are true regarding whether or not the company engages in the following practices. Check all that apply. If the statement is true, select "Yes." If false, select "No."		
Animal Testing	√	
Company/Suppliers Employ Under Age 15 (Or Other ILO Minimum Age)		√
Company Explanation Of Disclosure Item Flags		√
Company prohibits freedom of association/collective bargaining		√
Company workers are prisoners		√
Conduct Business in Conflict Zones		√
Confirmation of Right to Work		√
Does not transparently report corporate financials to government		√
Employs Individuals on Zero-Hour Contracts		√
Facilities located in sensitive ecosystems		√
ID Cards Withheld or Penalties for Resignation		√
No formal Registration Under Domestic Regulations		√
No signed employment contracts for all workers		√
Overtime For Hourly Workers Is Compulsory		√
Payslips not provided to show wage calculation and deductions		√
Sale of Data		√
Tax Reduction Through Corporate Shells		√
Workers cannot leave site during non-working hours		√
Workers not Provided Clean Drinking Water or Toilets		√
Workers paid below minimum wage		√
Workers Under Bond		√
Other		√



B Corp Certification - Disclosure Questionnaire Documentation

PROVIDED BY: **InnovaFeed** UPDATED AS OF: **09/14/2022**

DISCLOSURE QUESTIONNAIRE CATEGORY	Animal Products and Services
TOPIC	Innovafeed is an insect producer for animal and plant nutrition.
SUMMARY OF ISSUE	Innovafeed is a biotechnology company and insect producer for animal and plant nutrition operating since 2016. Their insect proteins are derived from the Black Soldier Fly are used as feed for aquaculture, poultry, pets and plants.
SIZE/SCOPE OF ISSUE (e.g. \$ financial implication, # of individuals affected)	<p>100% of the company's revenue comes from the production of insects as animal and plant nutrition.</p> <p>For each functional unit of ingredients (i.e 1T of insect meal + 350kg of insect oil + 7T of frass), approximately 5 units of larvae are required.</p> <p>For the year 2021 , the company produced 286 functional units of ingredients hence approximately 1430T of larvae was produced.</p> <p>All of their larvae are grown at their production sites and they cover all steps of the insect life cycle : reproduction, egg collection, hatching and growth which enables them both full traceability as well as total control on animal welfare.</p>
IMPACT ON STAKEHOLDERS	<p>Farm animal welfare can be a source of concern, typically but not exclusively relating to industrial farming e.g. animals unable to express normal behaviour, confined spaces.</p> <p>There is limited research on the subject of invertebrate animal welfare (in particular for insects) and no clear scientific consensus at this stage on their experience of pain. As a precautionary principle, InnovaFeed chooses to ensure the welfare of our insects through various commitments.</p>
IMPLEMENTED MGT PRACTICES	<p>The company has formalized their “Animal Welfare Commitments” through a written and publicly-disclosed chart based on Brambell’s Five Freedoms for animals formulated by the Farm Animal Welfare Council (FAWC,2009). Their chart focuses on the 3 following fundamentals:</p> <ul style="list-style-type: none"> - Ensuring our insects feel at home: For our insects to be comfortable throughout their lifecycle we create optimal environmental conditions which mimic their natural habitat. - Looking after our insects’ health and wellbeing: For our insects to be healthy and strong we feed them with the right diet and ensure they are not exposed to diseases. - Providing a stress-free life: For our insects to be stress-free and harm-free, we minimize the level of human interactions. <p>We abide by the good practices established by the IPIFF, the association of insect producers in Europe (https://ipiff.org/wp-content/uploads/2019/12/IPIFF-Guide-on-Good-Hygiene-Practices.pdf)</p> <p>The company is collaborating with NGOs (Natuurland) to further define what insect welfare means for an insect farmer and establish guidelines for organic insects rearing. Innovafeed got Natuurland certified a year ago, and is the first insect producer in the world to have gained such a certification.</p>
REPORT	https://innovafeed.com/wp-content/uploads/2022/04/2022-Innovafeed-Animal-Welfare-commitments.pdf



B Corp Certification - Disclosure Questionnaire Documentation

PROVIDED BY: **InnovaFeed** UPDATED AS OF: **09/14/2022**

DISCLOSURE QUESTIONNAIRE CATEGORY	Disclosure Practices - Animal Testing
TOPIC	Company tests their products for digestibility and nutritional content at a third party testing facility.
SUMMARY OF ISSUE	InnovaFeed is an insect producer for animal and plant nutrition. They conduct trials to evaluate the nutritive performance and health benefits that their products (insect protein meal, insect oil) can bring to different animal species (fish, shrimp, swine, poultry) when included in their diets. These tests are carried out in strict compliance with the regulations in force and do not harm the health or welfare of the animals on which they are performed. In general the tests include feeding experiments (digestibility and performances), they require measurements of weight, feed intake and collection of feces samples for analysis.
SIZE/SCOPE OF ISSUE (e.g. \$ financial implication, # of individuals affected)	16% of their products undergo animal testing. This accounts for around 10 test trials per year.
IMPACT ON STAKEHOLDERS	Animal testing and experimentation is widely used to develop new products and to test the safety of other products. Many of these experiments can cause pain to the animals involved or reduce their quality of life in other ways. The Certified Third party facility that the company uses does not partake in any invasive procedures with their animals, thus, minimising the discomfort to the animals.
IMPLEMENTED MGT PRACTICES	<p>The animal testing is not invasive. Performance and digestibility test in themselves do not require sampling on dead animals. All incidents are detailed in the research reports. The company does not have a specific animal testing policy but they refer to the National Ethics Committee on Animal Testing charter. They have added the following language to their existing Animal Welfare policy, which states:</p> <p>In order to test its ingredients, Innovafeed conducts feeding trials which consist of introducing our ingredients (BSF protein or oil) into the diets of animals and evaluating their nutritional performance. Innovafeed conducts these trials in partnership with professional partners whom have expert knowledge of the care and welfare of animals and respect the strictest standards in line with the National Ethics Committee on Animal Testing Charter. Innovafeed is committed to opting for alternatives to animal testing whenever possible (eg: in vitro trials). When conducting trials, we are committed to opting for non-invasive methods that do not cause injury or harm to animals, unless for the purpose of contributing knowledge that could lead to improvement in the health and welfare of animals.</p> <p>The animal testing are carried out by third parties. All testing protocols are submitted to the ethical committee and the partners visit the experimental installations.</p>
REPORT	https://innovafeed.com/wp-content/uploads/2022/09/202209-Innovafeed-Animal-Welfare-commitments.pdf



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PROVIDED BY: InnovaFeed UPDATED AS OF: 09/14/2022

DISCLOSURE QUESTIONNAIRE CATEGORY	Disclosure Practices - Animal Testing Cont.
TOPIC	Company tests their products for digestibility and nutritional content at a third party testing facility.
OTHER MANAGEMENT COMMENTS	Our products have antimicrobial properties (Antimicrobial peptides in the protein and Lauric Acid in the Insect Oil) which can provide tremendous animal welfare benefits to farmed animals - specifically for the shrimp industry which is facing major challenges with bacterial and viral infections which are wiping out entire farms. In order to demonstrate these antimicrobial benefits, we run mostly in vitro experiments (as an alternative to animal testing) but we also have to conduct in vivo challenge trials. These are required by law to make any health claims - similarly to clinical trials with humans for testing new medication.