



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: SoluBio Tecnologias Agrícolas

Date Submitted: 04/14/2023

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:

SoluBio Tecnologias Agrícolas

UPDATED AS OF:

04/14/2023

DISCLOSURE QUESTIONNAIRE CATEGORY	Environmentally Intensive Industries
TOPIC	Water Intensive Industries
SUMMARY OF ISSUE	Biotechnology manufacturing company in a relatively water stressed region
SIZE/SCOPE OF ISSUE (e.g. \$ financial implication, # of individuals affected)	Company uses water to manufacture bio-inputs for agricultures/growers (clients) - majority of revenue
IMPACT ON STAKEHOLDERS	<p>SoluBio sources from artesian wells exclusively constructed for the company's use. The company recently build its new factory in 2022, located in Jataí, Goiás, Brasil.</p> <p>Although affirmed to never have experienced any scarcity of water, the factory is located at the central-west region, where droughts can be experienced throughout the year, typically through May-September.</p>
IMPLEMENTED MGT PRACTICES	<p>The industry of bio-inputs in Brazil is very recent. Nevertheless, the following practices were implemented in the company's new factory:</p> <ul style="list-style-type: none">• Harvest rainwater• Low-volume and grey-water use for irrigation• Low-flow faucets, taps and toilets <p>The company does not have an assessment of how it compares with others in their industry at the moment. Nevertheless, the company follows other industry benchmarks, such as the pharmaceutical.</p>
REPORT	<p>https://www.gov.br/ana/pt-br/assuntos/noticias-e-eventos/noticias/intensidade-da-seca-aumenta-em-14-estados-e-fica-mais-branda-em-tres-estados-em-agosto</p> <p>https://monitordesecas.ana.gov.br/mapa?mes=12&ano=2022</p>



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DISCLOSURE QUESTIONNAIRE CATEGORY	Environmentally Intensive Industries
TOPIC	Energy and Emissions Intensive Industries
SUMMARY OF ISSUE	As a manufacturing company, SoluBio has a factory (recently built) and is scaling its operations, which - at the moment - means higher GHG emissions and energy consumption.
SIZE/SCOPE OF ISSUE (e.g. \$ financial implication, # of individuals affected)	<p>GHG emissions per product (in equivalent tons of carbon)</p> <p>Scope 01 and 02: 2020: 0,0026 2021: 0,0044</p> <p>Scope 01, 02 and 03: 2020: 0,0048 2021: 0,0050</p> <p>Company attributes the increase in emissions to their growth as well as fuel used by their vehicles which are now being addressed by the use of ethanol.</p>
IMPACT ON STAKEHOLDERS	<p>Industries with energy and emission intensive productions can contribute to GHG production which contributes to environmental harm.</p> <p>Solubio's energy is sourced through eletric, photovoltaic with solar pannels, fossil fuels for generators (when necessary), natural gas, diesel, gasoline and ethanol (for transportation).</p>
IMPLEMENTED MGT PRACTICES	<ul style="list-style-type: none"> • Company has been doing an GHG inventory since 2020. It has not yet established reduction targets because it has been expanding its operations within the last two years. • Company has the intention of establishing targets within the next years. • Company also follows industries benchmarks and implemented the following practices: <ul style="list-style-type: none"> ○ Solar pannels throughout the whole industry and office facilities (+ parking lots) ○ Ethanol use for smalles vehicles ○ Gradual replacement from gas to eletric run machinery ○ New machinery that optimizes energy consumption ○ Energy savings campaigns ○ New business models like the "onfarm" product which led to emissions reductions when compared to previous business models



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DISCLOSURE QUESTIONNAIRE CATEGORY	Environmentally Intensive Industries
TOPIC	Chemical Intensive Industries
SUMMARY OF ISSUE	As a biotech company that produces sustainable bio-inputs for agricultures/growers, SoluBio uses chemical products in the industry, mainly for PH control in the fermentation process. It does not use products of high concern for human health, since it operates only with the production of biological inputs based on microorganisms.
SIZE/SCOPE OF ISSUE (e.g. \$ financial implication, # of individuals affected)	<p>20% of company's revenues comes from products in which intensive chemicals were used</p> <p>SoluBio uses the following chemicals in its manufacturing process (with monthly average of use):</p> <ul style="list-style-type: none"> • Citric Adic: 110kg • Phosphoric Aci: 2,200 Liters • Sodium Hydroxide: 328 Kg • Defoamer: 268 Liters
IMPACT ON STAKEHOLDERS	Industries with the intensive use of chemicals may poses risks to the environment such as pollution of air, land, and water, as well as potential human health risks to those exposed to harmful chemicals.
IMPLEMENTED MGT PRACTICES	<p>The use of chemicals intended for production is carried out in a controlled manner. Their use is intended to control the PH of fermentation processes, and thus they are controlled by sensors, avoiding the excessive and unnecessary consumption of components based on acids and hydroxides. PH measurements are performed automatically by the sensor, every 15 and 15 seconds, this measurement results in pulses that are directed to the peristaltic pump system that controls the addition of components to the process.</p> <p>SoluBio works with all safety and environmental practices for the handling and storage of chemical products, as well as the disposal of effluents. The company controls the generated effluents, bearing in mind that these are the result of sanitization of equipment and Setups, thus considering a low volume generated. The company has meters to measure the volume of waste generated and treated. Currently, it has an effluent treatment system with flocculation, and disposal of sludge to a regularized sanitary landfill.</p> <p>The effluent is treated through flocculation, the exact volume of water in each tank is controlled to carry out the CIP for cleaning and sanitization and its use through recirculation at the time of cleaning, avoiding the use of abundant water.</p>

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UPDATED AS OF:

04/14/2023

DISCLOSURE QUESTIONNAIRE CATEGORY	Other - Clients in Controversial Industries
TOPIC	SoluBio is a biotech company that produces sustainable bio-inputs for clients related to the tobacco industry as well as agribusiness producers in Brazil. Those industries are considered controversial by B Lab Global.
SUMMARY OF ISSUE	Solubio provides bio farm products/services for clients in different industries. The company sells microorganism-based bio inputs to a tobacco farm and to agribusiness producers in Brazil.
SIZE/SCOPE OF ISSUE (e.g. \$ financial implication, # of individuals affected)	<p>In 2021, SoluBio earned:</p> <ul style="list-style-type: none"> 1.15% of its revenue from clients in the tobacco industry (This % decreased in 2022 since the clients were reduced from 2 to 1) 100% of its revenue comes from agribusiness producers in Brazil.
IMPACT ON STAKEHOLDERS	<p>Companies that work with clients in controversial industries can indirectly increase the harmful impact to stakeholders by enabling business growth. Therefore, companies that work with clients in these industries should have practices in place to ensure that their impact is aimed at decreasing the negative impacts of the industry.</p> <p>B Lab has flagged the involvement of companies with clients in controversial industries as a material issue and new standards will be created to address possible risks related to this matter.</p>
IMPLEMENTED MGT PRACTICES	<ul style="list-style-type: none"> Solubio's bio inputs and on-farm biological management help producers reduce the negative impacts of the use of chemicals and increase the positive impacts linked to soil regeneration. Solubio's products and services contribute to less environmentally impactful agriculture in Brazil, The company implemented the RegeneraBio Platform (Platform for Regenerative Agriculture and Climate Resilience) in 2022, with the objective of monitoring the impacts of the use of Onfarm Biological Management, regarding the sequestration of carbon in the soil, water resilience, regeneration of biodiversity and related social impacts generation of employment and income, reduction of production costs and the use of agrochemicals). The company monitors clients regarding illegal deforestation, work analogous to slavery. This is stated in the company's credit policies and sustainability policy.