VERDURE SCIENCES®

sustainability is our goal: how we align with key UN SDGs

VS-CORP.COM

ashwagandha field (*Withania somnifera*)

Our key UN SDG goals

SDG#3: Good health and wellbeing

Ensure healthy lives and promote wellbeing for all at all ages

SDG#9: Industry, innovation and infrastructure

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

SDG#13: Climate action

Take action to combat climate change and its impacts

SDG#15: Life on land

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and combat reverse land degradation and halt biodiversity loss

holy basil field (*Ocimum sanctum*)

SDG#3 good health and wellbeing

In terms of our focus on good health and well-being, our strategic manufacturing partner received the ISO 45001: 2018 certification, which recognizes commitment to worker involvement in decision-making and assessment.

ISO 45001: 2018 (Occupational health and safety management system)

ISO 45001: 2018 specifies the requirements for an occupational health and safety (OH&S) management system. It also provides guidance on how an organization can promote safe and healthy workplaces by preventing work-related injury and ill health, as well as by proactively improving their OH&S performance. The standard emphasizes that the physical and mental well-being of employees is prioritized above operations, which is crucial. ISO 45001 has been globally recognized, in part, because it deals with the personal health and safety risks (both mental and physical) of any process or use of machinery within an organization. The key benefits of implementing ISO 45001 include improving employee safety, boosting stakeholder confidence, increasing productivity, lowering insurance costs, fostering management involvement and accountability, reducing risk, identifying opportunities, and standing out as an industry leader.

pomegranate field (*Punica granatum*)

SDG#9 industry, innovation and infrastructure

Our focus on industry, innovation, and infrastructure has led to a number of efforts to invest in improvements to manufacturing and resource allocation. We have worked to increase manufacturing lot sizes, increase capacity for output, streamline operational efficiencies, expand allocation of testing resources, and manage effective & efficient shipments for both economical and sustainable impacts.

As a part of this effort we have added new boiler stacks to our manufacturing facility. These stacks work in tandem with the previously implemented efforts for utilization of eco-friendly agricultural waste (agro waste) as a fuel source for the facility. These new boiler stacks collect particulate matter and minimize potential air pollutants emitted from burning agro waste, as well as promote carbon friendly emissions.

We have also converted to eco-friendly packaging with our ingredient shipments. The new bag packaging weighs less; which reduces shipping costs for customers, reduces emissions, and also reduces the space utilized in each shipment allowing for maximized contents per container.

Starting in 2024, we are working to convert our use of thermal energy to solar solutions for our manufacturing operations over the coming year(s).

boiler stack at manufacturing facility, india

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SDG#13 climate action

As part of our commitment to achieving our adopted UN SDG #13: climate action, our company is proud to announce that our strategic manufacturing partner is now certified with ISO 14001: 2015 (environmental management systems).

ISO 14001: 2015
(Environmental management systems)

An environmental management system takes a "holistic" approach to identifying, managing, monitoring, and controlling environmental issues within an organization, including air pollution, water and sewage issues, waste management, soil contamination, climate change mitigation and adaptation, and resource use and efficiency. By implementing ISO 14001, organizations can demonstrate compliance with current and future statutory and regulatory requirements, increase leadership involvement and employee engagement, improve company reputation, achieve strategic business aims, provide a competitive and financial advantage through improved efficiencies and reduce costs, and encourage better environmental performance of suppliers by integrating them into the organization's business systems.

In addition to implementing ISO 14001: 2015, we heavily invested in the infrastructure and implementation of an efficient and effective on-site effluent treatment plant.

holy basil (*Ocimum sanctum*)

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SDG#15
life on land

15 LIFE ON LAND

Verdure Sciences®
prioritizes protecting natural
habitats through land
remediation and rehabilitation,
habitat protection and restoration,
and biodiversity protection. Beyond
supporting conservation of the habitats
associated with our plant-based ingredients, we have
secured and maintained a natural wetland at headquarters and
additional acerage in Southern Indiana.

UEBT SOURCING® WITH RESPECT

RAINFOREST ALLIANCE

In recognition of our commitment to biodiversity, we've also received the
Union for Ethical Biotrade-Rainforest Alliance (UEBT/RA) certificate, which audits
farms, forest communities, and businesses to ensure they meet rigorous
sustainability standards based on the triple bottom line of environmental, economic,
and social well-being.

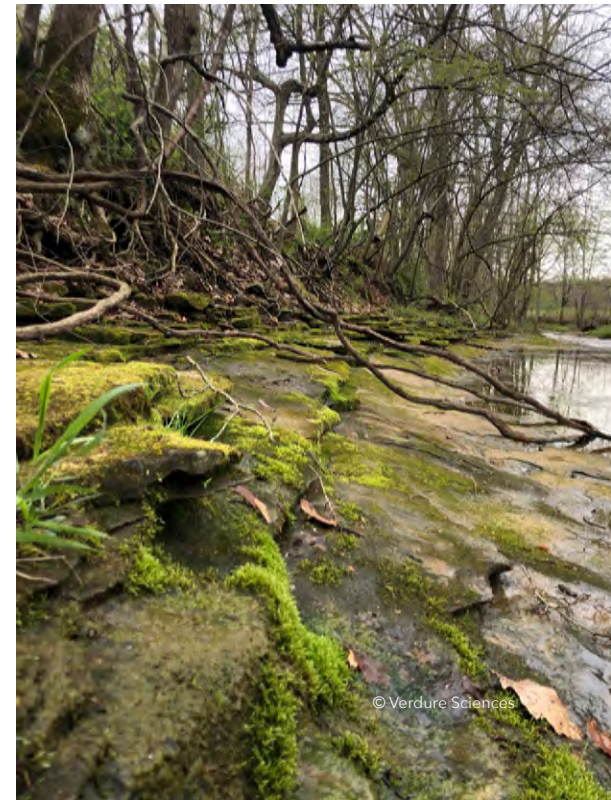top middle: verdure bees; bottom right: southern indiana wetlands; all others: verdure hq gardern