

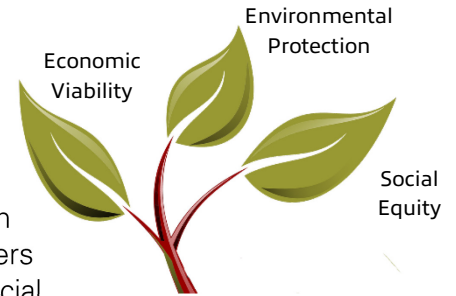
# A Commitment to Sustainability

NutriScience understands that the health and wellbeing of our planet and the people involved in the supply chain is a growing concern to both brands and consumers alike. We strongly believe that sustainability positively impacts everyone who touches the product from the farmer who harvested the plants to the consumer who ultimately benefits. Sustainability aligns with our core values, and it remains a focus in our ongoing effort to serve both our customers and the planet well.



## Sustainability Mission

We strive to develop innovative ingredients for dietary supplements and food ingredients that deliver critical health benefits to consumers. Many of these ingredients come from natural plant sources, with each having its own unique, farm to bottle story. As we scour the earth looking for the very best ingredients, sustainability is always taken into consideration. When evaluating sustainability NutriScience considers three key aspects: economic viability, environmental protection, and social equity. Many of our ingredients are sourced from crops or plants grown in various countries around the world. When we are considering the source, we try to look at sustainability from multiple perspectives. We recognize that sustainability is a journey which sometimes involves compromises between these three aspects and sometimes takes time to achieve. We attempt to make sure that we are not “greenwashing” sustainability, and that our efforts and the efforts of our partners result in real viable benefits. If we find out that we could do better for a particular ingredient, we will work towards a better sustainability model.



Below are some examples of the current sustainability endeavors of NutriScience and our partners:



Ashwagandha has been used as a natural medicine in Ayurveda for thousands of years. Originally grown in backyards, Ashwagandha is now grown on small and large family farms throughout India. It is these family farms that our manufacturing partner, Arjuna Natural, relies upon to obtain the high quality Ashwagandha roots and leaves used to make Shoden®.



The Ashwagandha used in Shoden® is grown using traditional farming techniques, relying largely on natural fertilizers and cycles. This method helps support traditional, sustainable farming methods while supporting small, local farmers. The manual work involved in harvesting, processing, and cleaning ashwagandha allows impoverished families to benefit economically and build communities. To further strengthen the communities where these farmers live, our

manufacturing partner supports local schools by helping to build new modern buildings and amenities. They also provide financial assistance to ensure that children receive the education needed to help their community thrive and have assisted in the construction of homes for underprivileged families.

Arjuna recently invested in a new solar powered, environmentally sustainable processing facility. The use of solar power helps create the energy needed to run the facility while reducing the carbon footprint. The manufacturing facility also recovers and purifies the water and ethanol used in the modern extraction methods, decreasing the amount of waste significantly.



# InnovaTea®

Natural Caffeine from Tea

Tea is consumed all over the world in various forms from beverages to extracts which utilize the phytoactives naturally present in tea leaves. InnovaTea® is a high purity, natural caffeine that is extracted from *Camellia sinensis*. It is a clean energy solution that can be used to increase mental focus, exercise and sports performance and weight management.



The tea leaves used to produce InnovaTea® are grown in India on both small and large farms that utilize sustainable tea farming practices. The leaves are fully traceable back to the farms where grown. The farmers use natural fertilizers to promote healthy growth before harvest, never use pesticides and utilize sustainable farming techniques. Once harvested, the tea leaves are used to produce various tea derived products including decaffeinated tea for drinking. In efforts to reduce waste, we utilize a significant amount of

upcycled tea caffeine; wherein the natural caffeine present in tea leaves is collected during the production of decaffeinated tea for beverage use. While this portion of the tea was once considered waste destined for the landfill, we now repurpose this to augment the production of InnovaTea®. InnovaTea® is a clean ingredient made directly from the tea leaves, there are no added excipients or carriers.

InnovaTea® is Non-GMO Project Verified, Kosher and Halal Certified.

# InnovaBean™

Natural Caffeine from Green Coffee

InnovaBean™ is a high purity, water extracted, natural caffeine produced from green coffee beans (*Coffea canephora*, aka: *robusta*). The coffee beans are grown on plantations in the Central Highland Region in Vietnam by farmers using Global Good

Agricultural Practices and 4C Code of Conduct; these standards include baseline requirements for the sustainable production, processing and trading of coffee, helping to eliminate unacceptable practices.

The farms that grow the coffee beans used to produce InnovaBean™ have reduced their carbon footprint through practices like covering crops to protect soil erosion, using coffee husks as compost fertilizer and using water saving irrigation to reduce water usage by 40%. Many farms utilize solar power for drying the coffee beans, further reducing





their carbon footprint. The beans are also fully traceable back to each individual farm where they are grown, ensuring that only the highest quality beans are used.

Water extraction is one of the cleanest forms of extraction as only hot water is used to remove the caffeine from the bean. Once the caffeine and the bean are separated, the natural caffeine undergoes further gentle processing to become InnovaBean™. InnovaBean™ is non-GMO and meets Kosher and Halal standards.



XanMax® is our line of free lutein:zeaxanthin ingredients available in both an organic and conventional options. OptiLut® is our portfolio of lutein esters. XanMax® and OptiLut® are extracted and purified from marigold flowers, *Tagetes erecta*. The marigolds used to produce our lutein products are grown from Non-GMO seeds and are cultivated through a large co-op of trusted farmers who grow the marigold flowers using both organic and traditional farming techniques. Traditional pesticides are not used when growing the marigolds, instead natural pest repellents that are safer for people and animals are used.



The workers that harvest the marigolds are from local villages surrounding the farms. This work provides a good, steady income to these workers, many of which are uneducated or impoverished and would otherwise have few employment options. These local farmers harvest the marigolds by hand, they are then taken to the nearby dehydration facility. This facility has state-of-the-art drying technology and uses ecofriendly techniques to reduce manufacturing emissions. The plant is designed to maximize product recovery which cuts down on wasted ingredient.

Additionally, our partners are committed to serving the surrounding communities through a Wellness Platform. Working through a local foundation, this platform provides rehabilitation for adults and children with neurological disabilities so they can lead better, more fulfilled lives.

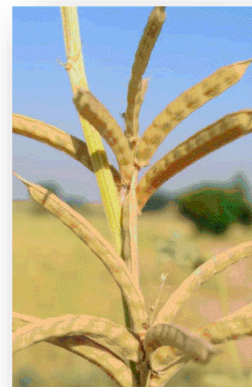
All XanMax® and OptiLut® ingredients are naturally sourced and fully traceable; Non-GMO Project Verified and Organic Certified options are available.

# Sunfiber®

Invisible Fiber – Visible Benefits

Sunfiber® is produced in a highly sustainable and economically friendly way in Rajasthan, which located in the Northwest region of India. Rajasthan is known as one of the hottest and most arid parts of India; the Guar plant (*Cyamopsis tetragonoloba*) is one of the few plants that can grow there as it needs very little water to thrive. The Guar plant is an excellent crop to promote sustainable farming as it adds beneficial nitrogen to the soil which in

turn helps other crops planted during crop rotation. Guar is also fast growing, it can be harvested three months after planting, providing more income to the farmers that grow it and farm laborers that harvest it.



Most farms hire local women to help plant and harvest, helping families add much needed income. The relationship with these farmers is nurtured, working to improve the opportunities for their families and children and improving the life of

the community. Sunfiber® is produced in a dedicated world class factory in Aurangabad, India. The production of Sunfiber® provides work for more than 80,000 farmers in this region.

Sunfiber® is Non-GMO Project Verified and available in both Conventional and Organic Certified options.

## ElderMune®

Elderberry Immune Support | 65:1 Concentrate

ElderMune® is a 65:1 elderberry juice concentrate combined with Sunfiber®. The elderberries used to produce ElderMune® are grown from the Hashberg variety of elderberries, *Sambucas nigra*. NutriScience's elderberry partner, INS Farms, has farmland in the Central US as well as relationships with growers in Europe where elderberry crops are bountiful – all the elderberries harvested for ElderMune® are fully traceable.

To provide an additional level of confidence, the elderberries used in ElderMune® are both HPLC fingerprint tested and TRU-ID® Certified. TRU-ID® utilizes DNA molecular pattern analysis which is compared to a reference standard. Adulteration for economic reasons has become an increasing concern with elderberry products. Brands and consumers who use ElderMune® can be confident in the fact that it contains only authentic elderberry and is free of adulteration.



ElderMune® is produced using an exclusive drying process utilizing a patented, infrared, low temperature drying technology that helps to preserve key antioxidants. This process is highly efficient when compared to other drying processes that is energy efficiency and sustainable, it uses energy smartly to target water minimizing the energy used.

ElderMune® is Non-GMO Project Verified and available in both conventional and Organic Certified options.



## Positive Impacts

At NutriScience we believe that Ingredients Matter. We remain committed to offering the highest quality ingredients that benefit both human and animal kind alike – We believe that sustainability and the three pillars it encompasses - economic viability, environmental protection, and social equity are a natural extension of this. Sustainability positively impacts everyone who touches the product from the farmer who harvested the plants to the consumer who ultimately benefits. We will continue to work with our partners to maintain and strengthen our sustainability efforts, always striving to improve the world we live in while delivering safe and efficacious ingredients to the brands and consumers we serve.



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