

## Preserve Biodiversity

**REFRAIN FROM EATING WILD ANIMALS, CHOOSE SUSTAINABLE SEAFOOD, AND SUPPORT SUSTAINABLE AND DIVERSE INGREDIENTS.**



### Global New Agriculture Sustainable Innovation Plan BIO&AI and Astral Food Yunnan Astral Investment Co., Ltd.



The Global New Agriculture Sustainable Innovation Plan BIO & AI and Astral Food (hereinafter referred to as “Astral Food”) was born from the emergence of ecological awareness in public welfare services. Jointly launched by a group of artists, scientists, and entrepreneurs, the organization focuses on the sustainable development of the industries of cultural diversity and biodiversity, supporting and participating in the formulation of biodiversity industry standards.

Astral Food creates an integrated symbiotic platform for unbounded co-creation that simulates natural ecology. The organization strives to build an innovation ecosystem and serve four key links of the industry ecosystem: resource capitalization,

capital branding, brand internationalization and the localization of international resources. Astral Foods established China's first Sustainable Development Project Database for Cultural Diversity and Biodiversity Industries, which transforms international scientific and technological achievements into valuable references serving local industries. It also established the A∞SIR Art and Science Symbiosis Expert Think Tank and Shanyin Financial Energy Bank to co-create a new ecological economy by serving related industries, advocating for the preservation of cultural and biological diversity as humanity's key to survival.



**UNIVERSAL LAW:**  
**Amor & Libra**  
**星芒食物**  
**Astral Food**

**ASTRAL STANDARD**  
**星芒食物三大标准**

**A-观照可持续未来生态美学**  
**B-符合星芒生物多样性产品标准**  
**E-具有大地母亲自然能量**

Agriculture is one of the most biodiverse industries, directly contributing to the preservation of more than half of earth's species. But agriculture is also one of the industries with the highest carbon emissions. Aiming at these two characteristics of agriculture, Astral Food is committed to the following goals and missions:

1. Retaining local biodiversity via "new agriculture" and the Astral Food system, protecting local food materials and planting resources, and achieving the United Nations Sustainable Development Goals (SDG). "New agriculture" aims to care for sustainable ecological aesthetics, build agricultural landscapes using gardening techniques, and upgrade the vast agricultural area into food gardens with both aesthetic and practical value.
2. Yummy Earth: establishing product standards for biodiversity with Astral Food and sharing the benefits of biological resources with green consumption and ABS protection. Astral Food is responsible for spreading the concept of oriental food therapy—food for an empty stomach is food, while food for a sick person is medicine. Yummy Earth started in Yunnan, China's most biodiverse province, and Astral Food currently has more than 200 items on display and for sale in Yunnan Province.
3. The transformation of scientific and technological achievements into nature-based solutions (NbS) will lead the current 60,000 Mu (about 40 square kilometers) of agricultural decarbonization into a positive cycle. Food waste is a global status quo. To solve this problem, Astral Food proposed an "AI Digital Granary" and won the runner-up prize in the UN's Unleash Hack competition.
4. The Astral Food Body, Mind, and Healing Health Center is currently in the process of launching, with the goal of providing data-driven therapeutic dietary plans.



## What we do

### 1. Yummy Earth Project

Food is a necessity for human survival. Astral Food believes that food is not only a source of nutrients needed to support physical life and health, but is also a large determinant of human consciousness. Food has comprehensive energy sources. Among them, seed, soil and soul determine the energy of food. Soul refers to methods of farming and cooking. Astral Food is an advocate of food’s function of restoring and enhancing our consciousness, which can contribute to improving the environment and the world we live in together. Astral Food’s slogan is “Astral Food for Astral Body”.

Astral Food’s Yummy Earth project aims to find ingredients from all over the world that meet the standards of Astral Food. The project began in Yunnan, China’s most bio-diversified province. The ingredients collected are from Globally Important Agricultural Heritage Systems (GIAHS), as well as some precious wild foods. Bringing these unfamiliar foods to the consumer market can maintain their scale in the original area and indirectly protect the local food culture they represent.

### 2. Yunshe Ingredients

Astral Food’s “Yunshē Ingredients” project is dedicated to discovering local ingredients with both medicinal and nutritional benefits. The “shē” in Chinese means “rarity” and “luxury”, indicating that these foods are painstakingly obtained in a natural way with much reverence for all things from nature.

Astral Food has established a special brand system for Yunshē Ingredients: Bio-Ninfa. In Chinese it is called “Er Mian”(兒冕). “Er” in Chinese means child, and “Mian” indicates being crowned with the energy of the sun. A child is a natural life body without modification which is born with heat and kinetic energy. “Bio” means biodiversity, and Ninfa means forest goddess. Er Mian is the duty of a pregnant mother as well as a gift to an unborn child. In short, Er Mean is a homology of Chinese medicine and food. At present, Yunshē Ingredients has developed two products: Royal Jelly and Yunnan Purple Dendrobium.



Foraging Astral Food on the Earth  
星芒食物 觅食地球 & 全球新农业低碳可持续创新计划



**FOOD CHANGE THE WORLD BETTER**

Shangri-La organic quinoa  
Altitude: 3459 meters

- Vegetable protein
- Growing organic and processing organic
- More than ten agricultural patents

The Right Seed and Health Soil in the Lost Horizon  
消失的地平线  
植物蛋白-香格里拉双厘有机藜麦

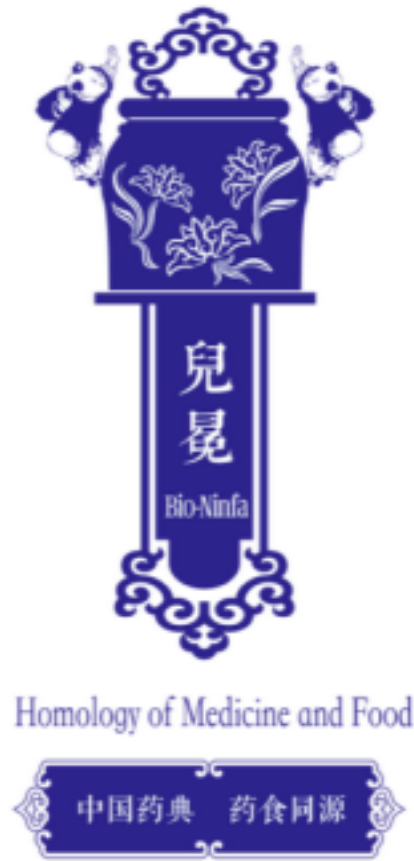



**FOOD CHANGE THE WORLD BETTER**

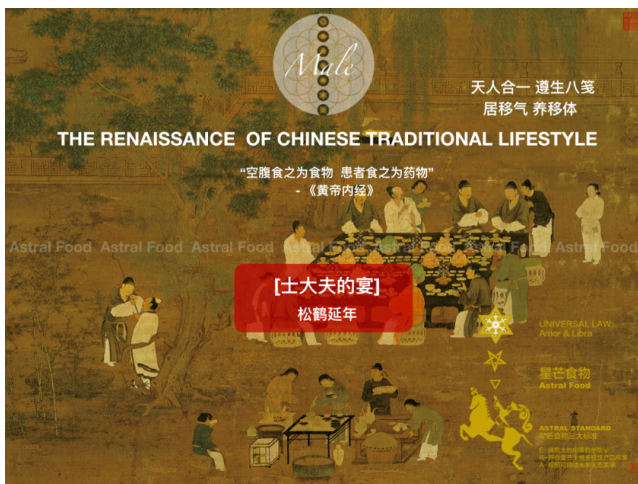
Xishuangbanna the tree tea  
Altitude: 1500 meters

- Tea like a poem
- Wrap different usable flowers with large tea leaves
- Appearance invention patent

北回归线上的生物多样性绿洲  
西双版纳大树茶



The Yunshē Ingredients logo



The cooking in the Astral Food Sky Kitchen is an elite feast which strives to spread Eastern culture and boost food diplomacy.

### 3. New agricultural system

Traditional agriculture emits a lot of carbon and also negatively impacts biodiversity. Astral Food's "new agriculture" system was established with the intention of retaining biodiversity in agriculture and advocating biodiversity.

At present, Astral Food has about 40 square kilometers of farmland. At the initial stage of the project, the new agricultural system will build farms based on techniques for building gardens. In the future, what we will see will not be endless rows of a single plant species, but diverse fruits and vegetables growing together in gardens. For example, potatoes can be planted with witch hazel, which can serve as an indicator of the potatoes' growth.



Astral Food's NewAgri system is based on three "S"s: Seed, Soil, and Soul. Good seeds and healthy soil work with a good soul to produce good food.

### 4. Register intellectual property rights for old varieties

Starting from seed conservation, Astral Food is establishing a system of declaration and protection of intellectual property rights based on the acquisition and benefit sharing of biological genetic resources (abbreviated as ABS).

In areas with large populations of indigenous peoples, people tend to know more about the characteristics of seeds and preserve a large amount of traditional knowledge. However, these precious ecological resources seldom participate in benefit-sharing. Indigenous people have not benefited from the old seeds and traditional knowledge they have preserved. As a result, regions with richer biodiversity have been lagging behind in economic development.

Astral Food seeks guidance from scientists and cooperates with New Plant Varieties Branch of the China Wild Plant Conservation Association to register the intellectual property rights of local high-quality heritage plant species. The ABS procedure stipulates the right of prior knowledge and benefit sharing, which guarantees that indigenous peoples can obtain benefits from the seeds and traditional knowledge that they have preserved for generations.

### 5. Establish a standard system for Astral Food

Astral Food has established its own certification standards, which has three core principles:

- Emphasizing the ecological aesthetics of a sustainable future: real food is the art of nature. The agricultural method of Astral Food is a nature-based method.
- Food species and planting methods that exist to protect biodiversity should meet the standards of Astral Food's biodiversity products.

- Plants will have the natural energy of mother earth: plants grow from the soil, without the use of soilless cultivation methods. Astral Food is built around the cooperation of good seeds, healthy soil, and a good soul. Continuously repairing the soil is a crucial natural capital and an important basis for the multi-capital accounting of the agricultural side of Astral Food.

On the basis of these three standards, Astral Food has established a standard for the entire food system. We hope that though ten years of development, these standards will be adopted by more agricultural projects. This standard is called CBSS certification (C: Cultural diversity / low-Carbon; B: Biodiversity; S: Sustainable; S: Standard).

**ASTRAL FOOD Sustainable NewAgri BIO&AI**

**CBSS CERTIFICATION**  
Cul&Biodiversity Sustainable Standard  
Low Carbon NewAgri  
Join Us

AF & Sustainable NewAgri Guide food and agriculture to enter the positive cycle of low carbon mode. The preservation of biodiversity and healthy ecosystems are fundamental to changing food systems. Species diversity can protect a nation/food contributes to world peace and stability. The preservation of biodiversity locally helps reduce poverty. CBSS Certi serves as a roadmap for your sustainability and social impact work. We developed this guide based on the experiences of Astral Food companies and NewAgri. From them, we gleaned useful tips and practices—and examples of commonbarriers and challenges. This guide will provide you with a general overview of the internal processes and tools required to be successful, as well as clear expectations of the workloadand resources you will need to accomplish your goal of becoming a CBSS Certi.

**FOOD CHANGE THE WORLD BETTER**

**CBSS Certi**

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### 6. Commitment to sustainable and environmentally friendly products

Astral Food will fulfill its commitment to sustainability in all aspects of the company’s operations. On the production side, it will adhere to low-carbon agriculture and will not use chemical inputs. On the product side, it will use new environmentally friendly packaging materials rather than plastics. On the operations side, the proportion of online meetings will be increased and the number of business flights will be reduced; and on the food preservation side, the food preservation agent “Food Guard” is extracted from natural plants rather than chemicals. Animal agriculture produces high carbon emissions and is also one of the main reasons behind Earth’s sharp decline in forests post-industrialization. But Astral Food does not produce animal-sourced ingredients. It is a plant-based system.

**Astral No Carbon Certificate**  
星芒低碳产品可持续友好承诺

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**藥食同源**

*Astral Food for Astral Body*

### Future Plans

Astral Food 正确的种子 —— 健康的土壤 —— 有爱的料理 —— 美好心灵

从种子开始的食物疗愈

**RIGHT SEED**

**NATURE CARE**

**HEALTH SOIL**

**COOK LOVE**

**GREAT HEART**

*gift for our mind*

[星芒食物身心灵一体疗愈健康中心]

In the future, Astral Food will build a healing and health center for the body, mind, and soul. Health data will be obtained through medical tests and consultations with doctors of traditional Chinese

medicine. Then, the Astral Food consultant team will work with scientists to tailor a therapeutic dietary plan for each person, with all ingredients meeting Astral Food standards. Based on life science, Astral Food can not only heal the body, but also raise consciousness.

In addition, Astral Food plans to restore nearly 70,000 mu (about 47 square kilometers) of healthy farmland to organic soil from 2021 to 2030. From 2021 to 2025, it will complete the modeling of the new agriculture and food system and encourage more regions around the world to adopt low-carbon agriculture practices to protect biodiversity and ultimately achieve sustainable development.



*Astral ESG Investment-Cultural and Biodiversity Industry  
Sustainable Development Project Library*

