

Cooperation between Education, Healthcare, and Agriculture

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Properties of Arable Land in Taiwan



- **Limited Availability:** Only about one-quarter of Taiwan's total area suitable for farming. 有限的可耕地(國土1/4)
- **Small-scale Farmlands:** Most farms are small due to historical land reforms and the high population density. 小農小地
- **Terraced Fields:** In hilly and mountainous regions, terracing is used to maximize land usage. 山地梯田化以增加可耕地
- **Abundant Water Supply:** Taiwan's plentiful rainfall and irrigation systems support year-round agriculture. 高雨量

Characteristics of Agriculture in Taiwan

- **Crop Diversity:** Taiwan produces a wide range of crops, including rice, fruits, vegetables, and tea, due to its varied climate zones. 農作物多樣性
- **High Productivity:** Advanced farming techniques and government support result in high agricultural output per unit area. 高生產力
- **Seasonal Farming:** Multiple growing seasons allow for efficient crop rotation and intercropping. 四季皆能生產
- **Agri-technology Integration:** Precision farming and biotechnology, such as in orchid cultivation, enhance productivity and global competitiveness. 農業技術整合



Key Challenges



- **Impact of Climate Change on Agriculture**
- Subtropical location and variable landscapes make agricultural production vulnerable to climate change and extreme weather events.
氣候變遷對農業的衝擊
- **Aging Farming Population and Abandoned Farmland**
- The aging workforce and declining interest among younger generations have led to disused farmland. 農業人口老化導致農地廢棄
- **Food self-sufficiency and food safety**
- Dependence on food imports increases risks during geopolitical or economic crises. 糧食自足與食品安全

What God sees as Good

神看為好的

In Bible Genesis 聖經創世紀



- **And so the earth brought forth these plants. The grass, herbs, and fruit-bearing trees, each according to their kind, were seen as good by God. When God created all things, He established that each species should reproduce according to its kind, with similar properties gathering together to maintain ecological balance and prevent extinction.**

- 於是地長出了植物。含種子的五穀菜蔬、各從其類，會結果子，果子被有種子的樹各從其類，神看為好的。

神創造萬物時規定各從其類，性相同聚集一起繁衍，自然生態得以平衡，各物種不至滅絕，神看為好的。

But

- **Modern agricultural practices focusing on yield and taste have led to the degradation of species, making them vulnerable to diseases and pests, drifting away from what God sees as good.**

近代農耕追求產量迎合口味，導致物種衰弱易受病、蟲危害，逐漸遠離神看為好的。

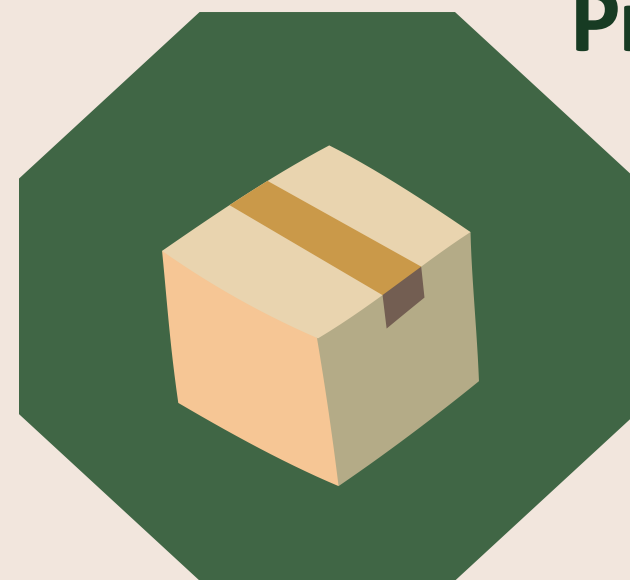
- **Excessive use of fertilizers and pesticides deteriorates soil fertility.**

過度使用農藥化肥，損壞地力。

Agriculture must consider



Life
生活



Production
生產

Ecology
生態



Key

Nourishing the Soil

滋養土壤

Plants can only grow harmoniously in living soil.

Protecting the cultivation environment and implementing restoration of varieties are essential for meaningful agriculture.

維護耕作環境、落實品種復育，才能實踐有意義的農耕。



Practicing that God Sees as Good

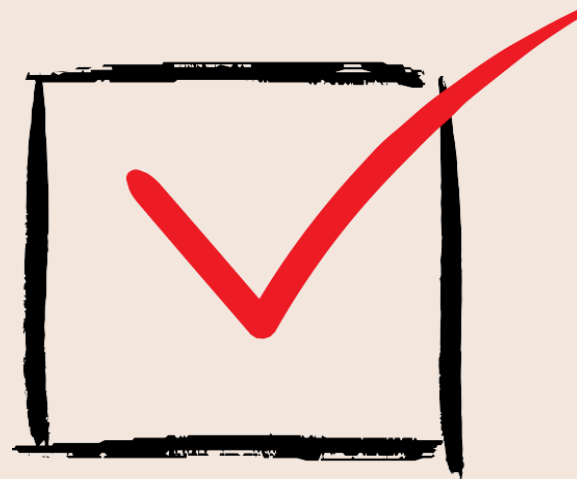
奉行神看為好的

- The purpose of Biodynamic Association is to implement harmonious farming in accordance with nature.
協會宗旨是落實和諧的農耕，順應大自然耕作。
- Our goal is to practice Anthroposophy based farming and production, collaborate with education and healthcare, and enhance the carrying capacity of the land while striving for a balanced and sustainable environment.
實踐基於人智學的農耕與生產，與教育和醫療合作，增強土地承載能力，努力實現生態平衡與永續環境。



The Mission of Biodynamic Association

- Taiwan' s arable land is limited, and improving the quality of existing farmland is a priority.
最重要的是提升現有農地的品質
- Grow crops that are safe and helpful to consumers (real food).
種出安全、真正的食物
- Collecting fallen branches, leaves and livestock manures to make compost. 推廣堆肥製作
- Do not use agricultural materials that harm the environment.
不使用危害環境的農業資材



Quality
品質

Our Actions 具體行動

Compost Production Team 成立堆肥工作隊

- Improve soil organic matter content 提升土壤有機質
- Enrich soil microorganisms 豐富微生物相
- Reduce environmental pollution 降低環境污染
- Enhance soil carbon sequestration 提高土壤碳封存
- Cooperate to solve labor-intensive tasks such as material transportation and turning compost pile
眾人合作，解決物料運輸、翻堆等勞力密集工作

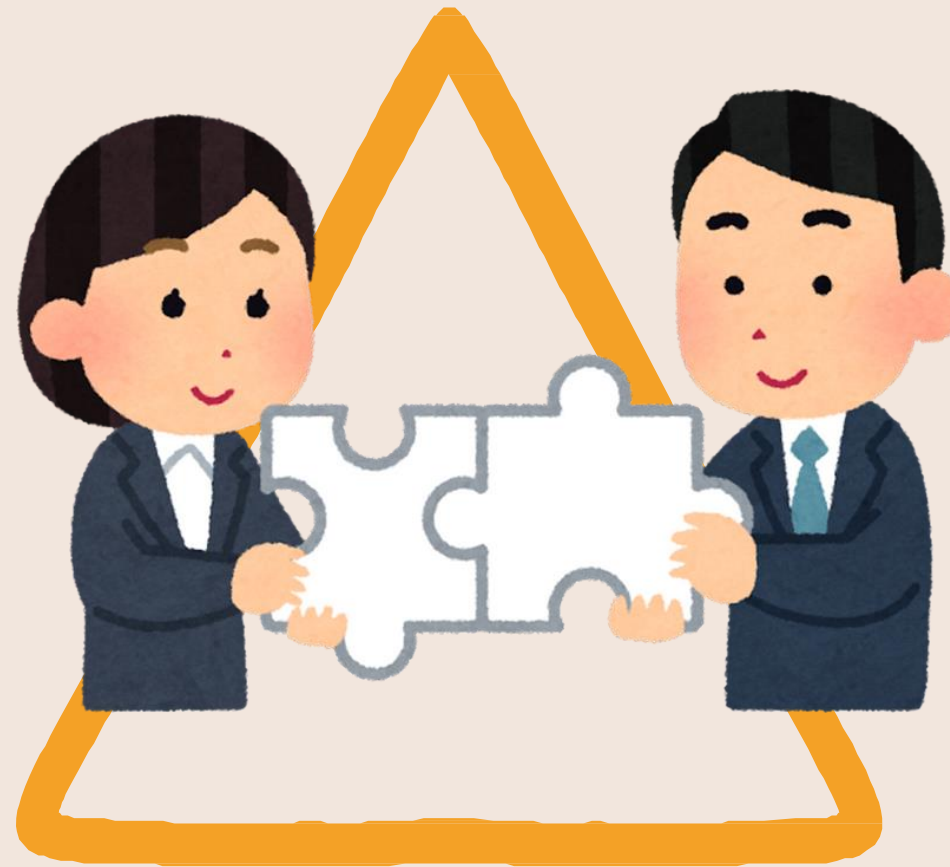


Agriculture, Healthcare and Education

農業、教育、醫療



Agriculture 農業



Education 教育

Healthcare 醫療

Agriculture, Education and Healthcare

農業、教育、醫療

Agriculture 農業



Education 教育

Healthcare 醫療

- A healthy body comes from a healthy diet, and a healthy diet comes from healthy and safe agricultural products.

健康的身體來自健康飲食，健康飲食來自健康安全農產品

- These three form a trinity that is mutually dependent.

三位一體、相互依存

- Education can change generations' attitudes toward farming; only with right mindset can we have good farmers.

教育能改變幾代人對農耕的態度，觀念正確才能有好農民

Deepening the Mission of Agricultural 深化農業使命

Cooperation with schools 與學校合作

Allow students to 讓學生能

- Experience farming 體驗農耕
- Acquire knowledge 獲得知識
- Correct attitude toward nature 培養對自然的正確態度



Deepening the Mission of Agricultural 深化農業使命

AGING SOCIETY 高齡化社會

- Well-designed agriculture work can also support the elderly, and long-term care, providing venues, experience, medical and other services.

精心設計的農業工作還可以養老、長期護理，提供場地、體驗、醫療等服務。





Thank you

