

孕育優良草莓種苗的推手 台一種苗清境場團隊－丁愛華場長

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丁愛華場長(左)與阿惠主任(張富素小姐,右)照顧草莓苗就像是照顧小孩一樣無微不至。

順著南投清境農場的落日步道往山裡走，需費力爬坡的山路兩旁，除了高大針葉林木，令人意想不到的竟有一幢幢遮雨的育苗設施，植床上整整齊齊生意盎然的小種苗，這裡是台一種苗的清境場苗圃！苗圃內有一群感情如同家人的團隊，每天悉心照顧包含草莓、蔬菜、花卉等苗木。其中負責管理清境分場的丁愛華場長，總在農場內外忙碌穿梭，注意各分店的需求，盤點場區出貨明細，在訪談中才得知，丁愛華場長在就讀仁愛高農時來到台一種苗實習，因為所學與喜好相同，畢業後就成為台一種苗員工，至今已有 20 年！

丁愛華場長仔細拿起過年前將出貨的草莓盆栽，從草莓健壯的冠部，綠意盎然的葉片跟我們討論栽培的各項細節，由此可知台一種苗清境場團隊對於供應高品質及健康草莓苗的重視，丁場長說道台一種苗大抵是張國禎董事長於 15 年前在南投清境開始進行草莓種苗的培育，起初草莓種苗繁殖仍由土拔苗開始做起！丁場長說：「一開始很好做，但是後來病蟲害相改變，就必須調整栽培管理的方式！」。團隊目前採用種苗改良繁殖場的組織培養健康草莓種苗（G1），先進行約 2 個月的平地馴

化，再將草莓苗送上清境分場，利用高海拔的日夜溫差，促使冠部飽滿儲存養分，進而促進成熟度來產生更多的跳苗（走蔓），同時因為山區入秋低溫來的快，相較平地育苗，也催使花芽分化而提早第一期花的到來，增加產品於市場的競爭力。

丁場長更表示，台一種苗有多個不同海拔高度的分場，在公司的支持下，勇於嚐試不同栽培方法的試驗，其中在病蟲害防治方面，負責協調管理的阿惠主任（張富素小姐）表示，因搭配公司轉型經營，推廣溫室採草莓的觀光休憩，樂於嘗試各種非農藥防治比較，盡量減少化學農藥的施用，讓草莓更健康、對生態環境更友善。

近年來，台一種苗強化病蟲害管理策略的應變外，也於需求端引入多樣化草莓品系，進行種苗試驗種植，從中也了解到不同品種或品系的繁殖特性，於農場的管理團隊會議討論，針對市場需求，規劃不同品種的產程，也更能體會健康種苗的源頭把關的重要性。

我們跟著丁場長、阿惠主任一起走進苗圃，他們看草莓苗的眼神如同看自己孩子一樣，看到健健康康的草莓苗他們臉上就充滿喜悅，看到生病的草莓苗就愁容滿面，丁場長開玩笑說：「我們已經到了天人合一，融入草莓細胞的境界了！」，種苗場藉由一次次的健康種苗售後訪視，我們看到越來越好的栽培管理以及越來越健康茁壯的草莓苗，期許這些優良的草莓苗到了農民的果園，能夠頭好壯壯，長出豐碩可口的草莓果實！

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The attentive cultivation team to grow healthy strawberry seedlings,

Mr. Ding Ai-hua, Taii Plantlet-CingJing station director

Chien, Yi-Wen ¹ and Chiu, Yen-Hsin ¹

Along the sunset trail of CingJing Farm in Nantou, there are tall coniferous trees on both sides of the mountain road. There are several rows of net rooms over there. The vigorous seedlings are neatly on the planting bed. This is CingJing station of Taii Plantlet. There is a group of family-like work teams who take care of various seedlings every day, including strawberries, vegetables, flowers and other seedlings. Mr. Ding Aihua, Taii Plantlet-CingJing station director, who pay attention to the needs of each branch, he also takes stock of the shipments. He is always busy around the station. Within this interview Mr. Ding told us that he was National Ren-ai Agricultural Vocational High School student and being summer intern of Taii Plantlet. He found out that he really liked what he learned. After graduating from school, Mr. Ding became the employee of Taii Plantlet. He has been working here for 20 years.

Mr. Ding carefully observed the strawberry pots that were about to ship and discussed the details of strawberry cultivation about the traits such as the effects

of strong crowns and green leaves. Because of his careful and wise in handling, we can understand that the Taii Plantlet-CingJing station attaches great importance to produce good quality and healthy strawberry seedling. Mr. Ding said that the Taii Plantlet strawberry seedlings production project were started by Chairman Zhang Guozheng in CingJing, Nantou 15 years ago. At that time, people could directly plant strawberry seedlings on the ground to reproduce. But later, it was not easy to manage the diseases and insect pests, so they adjusted the cultivation management methods. Right now they use the TSIPS healthy strawberry seedlings (G1) for seedling propagation. First these seedlings are domesticated in flat ground for about 2 months, and then the strawberry seedlings are sent to CingJing Farm in Nanto. The temperature there varies greatly between day and night; strawberry seedlings promote the full storage of nutrients in the crown, and then promote the maturity to produce more runners. At the same time, because the mountain area has a low temperature in autumn which also

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urges the flower buds to differentiate and the early arrival of the first flower, which increases the competitiveness of the product in the market.

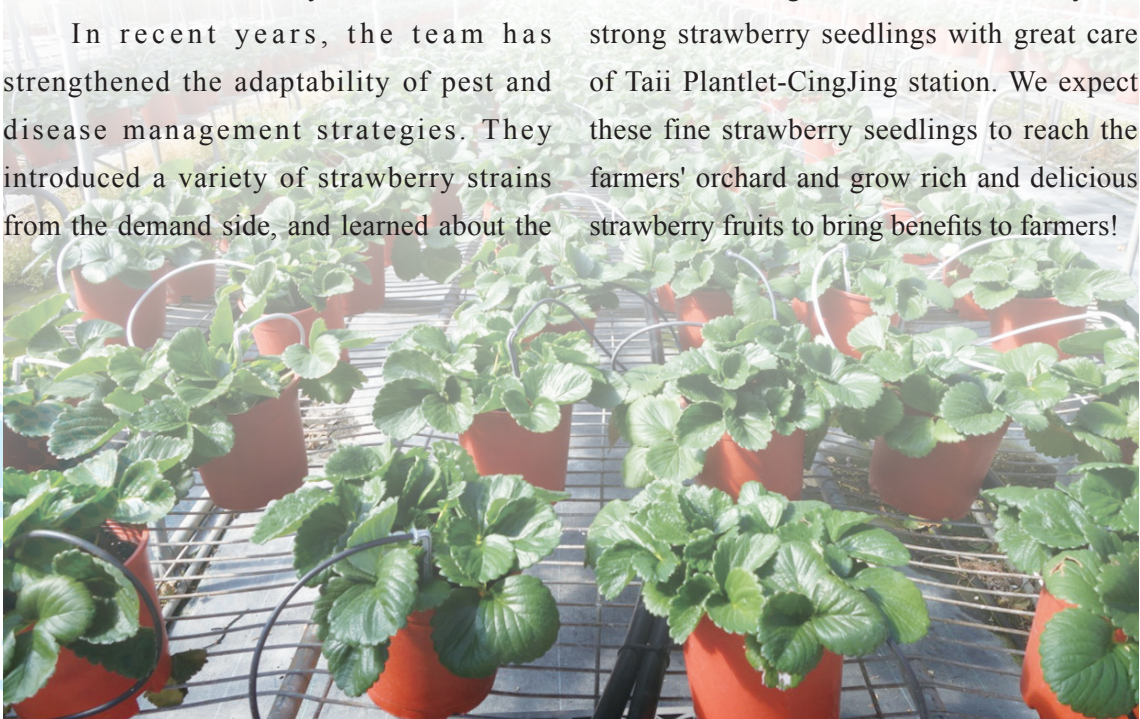
They have multiple cultivation station bases at different altitudes in Taii Plantlet. With the company's support, workers are willing to experiment with different cultivation methods. Taking Pest-Management as an example, the supervisor A-hui (Ms. Zhang Fu-su) who responsible for coordinated management said that because of the company's transformation, to promote the sightseeing and relaxation of strawberry picking in greenhouses, she was willing to try various non-chemical pesticide control strategies to reduce the use of chemical pesticides, and make strawberries healthier and contribute eco-friendly.

In recent years, the team has strengthened the adaptability of pest and disease management strategies. They introduced a variety of strawberry strains from the demand side, and learned about the

reproductive characteristics of different breeds or lines. They also discuss at the management team meeting and plan the production schedule of different varieties according to market demand. Because of this, they can better appreciate the importance of source control of healthy seedlings.

We followed Mr. Ding and A-Hui into the strawberry nursery. They look at the strawberry seedlings as if they were looking at their own children. When they see healthy strawberry seedlings, their faces are full of joy, and when they see sick strawberry seedlings, they look sad. Mr. Ding said "We seem to be part of the strawberry."

From 2018 to 2019 under the after-sale visits, the TSIPS team saw better and better cultivation management and more healthy and strong strawberry seedlings with great care of Taii Plantlet-CingJing station. We expect these fine strawberry seedlings to reach the farmers' orchard and grow rich and delicious strawberry fruits to bring benefits to farmers!



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