grow safe food

Extensive Pesticide Residue Testing of Fresh Food Crops

Food Forest Farm 22nd November 2023

The Client:

Food Forest Farm (FFF) is a permaculture-based farming business, located in the Cameron Highlands of Malaysia, implementing intellectual property to successfully grow a wide variety of residue-free, high-Brix, fresh food crops.

Residue Sampling and Testing Due diligence program:

Regular sampling and independent testing of fresh food crops grown on the property aims to demonstrate and maintain the residue-free integrity of the specialty products marketed by Food Forest Farm.

In May 2022, an independent laboratory analyses of fresh food samples confirmed there were NIL detections in an initial screening for 45 pesticides. In August 2022, ALS Malaysia* conducted a comprehensive analysis screening for 232 pesticides in 16 fresh food crops with NIL detections (MF2217656). A similar broad-spectrum screen was run in April, 2023 where ALS Malaysia analysed 15 fresh food crops, screening for 204 pesticides, again finding NIL detections (ref: MF2307694).

Recently, in November 2023, 10 fresh food crops were sampled and tested for 34 pesticide candidates by MY CO2 (KL) Sdn. Bhd. using GC-MS technology to improve the accuracy and turn-around time for results. It is significant to report that in this instance NIL detections were recorded at the **parts per billion (ppb) level.**

November 2023 Crop Samples tested by MY CO2 (KL) Sdn. Bhd.* Lab Ref: AL2311-			
Sample No.	Crop ID	Sample No.	Crop ID
C983375	Green Kale	C983380	Japanese Sawi
C983376	Red Kale	C983381	Snacking Cherry Tomato
C983377	Kailan	C983382	Eggplant
C983378	Snacking Lettuce	C983383	Cruciferous vegetable
C983379	Green Coral	C983384	Root Vegetable
*MY CO2 (KL) Sdn. Bhd. is part of LMS Compliance Group Ltd. and is Standards Malaysia accredited (SAMM No. 564).			

The crop samples covered a cross-section of currently-grown fresh food crops including fruits, stems, leaves and edible roots to demonstrate conclusively that crops, as well as soils, are free from tested pesticide residues.

The latest results confirm that FFF protocols for environmental management and fresh food production are continuing to successfully exclude tested synthetic pesticide residues and protect residue-free crops from accidental contamination up to harvest and dispatch.

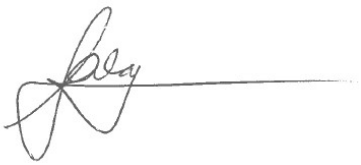
Summary of Results:

There are NO reported detections at the parts per billion (ppb) level for any of the 34 individual pesticides comprehensively screened in the MY CO2 (KL) analysis of FFF fresh food crops including botanical fruits, stems, leaves and edible roots.

The results continue to support the following conclusions:

1. The FFF fresh food crops on day of harvest are free, from any source, of a wide range of synthetic pesticide residues that may be considered potentially harmful to human health and the environment,
2. The FFF protocols and unique IP for growing fresh foods results in nil tested pesticide residues and protects food crops from accidental contamination by the tested pesticides from other farming activities in the region,
3. The FFF soils, water and environment are not contaminated by the tested pesticides that would otherwise be transferred to food crops through dust, soil splash or plant uptake and translocation.

I declare this report is my own work and is technically accurate based upon the results provided to me.



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***Disclaimer**: The interpretation of analytical results in this report is based upon specific samples supplied by FFF to MY CO2 (KL) laboratory and is subject to the adequacy and representative character of the samples.*