AGRICULTURAL PROTECTION AND DEVELOPMENT ASSOCIATION OF MALAYSIA
马来西亚维护与发展农业协会 (PPM 011-01-14082014)
B2-4 Tampin Square, 73000 Tampin Negeri Sembilan, Malaysia. Tel : +607-3877399
Email : apdamalaysia@gmail.com Website : www.apdam.org.my

日期：2021年5月29日

敬启者To **Whom It May Concern**

范行长博士的100项研发项目和/或对社会的贡献

在对提供的各种文档进行了适当的认证和评估， 以及对范行长博士的研发站进行了多次现场访问后.，我们在此证明，范行长博士（Dr FUNG FWEI CHONG马来西亚国民注册身份证-：490306015067）确实已经完成了以下100项 研发项目和/或对社会的贡献.

我们将上述文件按照包装A中的相应项目包装。

此致，

拿督蔡振兴博士
马来西亚维护与发展农业协会
（主席）

蔡长修PJK
（秘书长）

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范行长博士的100项研发项目和/或对社会的贡献

1.油棕的杂交（证据：OP1

2."安全食品，遗传保存和生物多样性保存"
在2018年向马来西亚议会颁发了"安全食品，遗传保存和生物多样性保护"，并收到了科学，技术和创新部长的文件-标记为" Mosti-1"

3. 建立了 " 万年创新到零" 的技术园 "Holocene Innovating To Zero Park"
- 相比 盖茨（Bill Gates）的"向零创新" "Innovating To Zero"
- " 万年创新到零" 的技术 是 不必杀人，以减少人口。
- 参见 标记为" BGF1" " Abdul Rahman Omar教授的报告"

4. Gapperindo的现金捐赠
- 在印尼向Gapperindo的现金捐赠的现金捐款不低于RM155,000.00 于会员成员的学童。
- Gapperindo 13个农民协会的协会 ， 有8000万会员
- 证据标明，"新闻出版总署1"

5.被GAPPERINDO任命为消除贫困的 终生顾问，
标有" Gapp 2"的证据

6.向Gapperindo提供橡胶，细菌技术
标有"" Gapp 3"的证据）

7. 8400万美元的奖项
关设置所欠USD84million的债务Gapperindo （证据" GAPP 4"

8。安全食品生产，柬埔寨节水技术
（标有" Cam 1"的证据）

9. 研发 改善棕榈油产业
- 应上市公司要求，研发 改善棕榈油产业
- Richard Cropp博士和Rahman Omar教授的报告，标记为" FGV 1"

10. 改善首总理官邸的植物
总理官邸的植物被得到改善（证据标为" PM 1"

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11.高速公路柚木的生长
高速公路沿线柚木的生长得到改善（证据标记为“ HW 1”

12.安全食品技术视频到中国的演示
制作了关于中国安全食品技术的视频演示文稿（标记为“ XJP 1”的证据）-只能通过预约观看

13.中国安全食品规程的制定
制定了在中国实施的安全食品协议（标有“亲中国1”的证据-不提供给公众，但可以看到）

14.中国中化工（ChemChina）收购先正达（Syngenta）
中国中化工收购先正达 Syngenta 的分析（证据为“ CCS1”的证据-不会向公众提供，但可以看到）

15.向中国出口大豆
大豆出口到中国议程的分析（标记为“ SB 1”

16.马来西亚，一个发达的国家，将非传统农业作为增长引擎
制定为“马来西亚，一个发达的国家，将非传统农业作为增长引擎”（标有“ MDN 1”的证据-仅适用于马来西亚领导人，但可以看到）

17.在UTHM（敦侯赛因大学）完成的工作
（证据“ UTHM1,2,3”

18。在UMP完成的工作（马来西亚彭亨大学）
（证据“ UMP 1”

19.在柔佛州的Perbadanan Biotechnoly dan和Biodiversiti完成的工作（马来西亚柔佛州政府）
（标有“ JBT 1”的证据）

20.关闭燕子屋，配制燕窝
- 授粉昆虫的余生。有钱的中国人吃燕窝，导致了金丝燕培植的繁荣。但是燕子吃掉了很多蜜蜂 减少授粉。
- 蜜蜂正在大量减少，因为 1 蜂群衰竭失调, (2)新烟碱(Neonicotinoid)， 3）转基因花粉， 4）农药 和 （5）缺乏连续从开花植物的食物。
- 爱因斯坦说，在一个没有蜜蜂的世界中，人类将在4年后灭绝。
-实地考察

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21.饲养更大的授粉昆虫以增强授粉
-培养更大传粉昆虫和黄蜂
- 减少蜜蜂被金丝燕的捕食
- CCD(Colony Collapse Disorders蜂群衰竭疾病）蜂群崩溃紊乱大大减少
- 实地考察

22. 研发 建立 高产的农作物 风能授粉的农作物及种植材料，以尽量减少作物对授粉的需求
- 建立不需要授粉的 更高产量的农作物。
- 研发 建立 *风能授粉的农作物及种植材料*
- 现场参观

23.种植更多类型的开花植物；增加授粉昆虫的食物来源
授粉昆虫终年食用。
实地考察

24.**遗传保护和生物多样性保护**
建立遗传保护和生物多样性保护，特别是在濒临灭绝的药用植物上。
实地考察

25.**扩展的安全食品安全研究**
建造了世界上第一个垂直和地下农场，象征着世界和平。
-部署了抗发炎的微生物，并使用了土壤，而不仅仅是水培或水耕
-实地考察

26.**防治荒漠化**
为世界和平防治荒漠化
请参阅中国-荒漠化基金会的信DF1

27.加快造林研究。
预约演示及讲解

28.新型农作物
- 可产生食物和医药品的新农作物。
-实地考察

29.多种、多重 创意空间 农业。
在中年的油棕树中多次套种（甚至在树木和岩石上）以应对气候变化和棕榈油涂黑
-实地考察

30.鱼池共生和池塘水零变化。
- 现场参观

31.高产麻疯树 Jatropha Curcas
高产麻疯树幼年期和分枝特性短
（证据：JC 10

32.高产能源作物–粮食来源
木薯，甘蔗，芋头，红薯，姜等（证据32 a）和32 b

33.杂种鹿，鱼和非常规喂养的研究。
证据：33 i

34.草药和非传统食品安全研究站。
证据：34 (f)

35.轻巧，自密实，不可渗透的混凝土
研究了轻质，自密实，固碳，持久，防渗混凝土
-应用程式UTHM9

36.自足式，可拆式浮筒
持久，模块化，可拆卸，救生，独立的浮船研究。
-UTHM-10

37.气候变化，环境变化与霾控制研究。
-申请担任联合国未来地球常任秘书长
-拉赫曼教授的报告

38.**抗灵芝菌剂 ，抗镰刀菌剂，抗线虫剂 拒食剂, 抗卵生剂, 和昆虫诱捕器。**
- 实地考察
-Ganoderma Boninense: 灵芝菌一种油棕中的真菌病, 油棕的基茎腐烂，油棕的真菌病。
- 拒食剂：使昆虫没有食欲
-抗卵生剂：昆虫卵不能孵化。

39.土壤侵蚀研究。
-实地考察

40.头发的生长和变黑。
实地考察

41.抗炎，关节和肌肉疼痛缓解。
实地考察

42.草药抗病毒制剂。
实地考察

43.草药抗细菌制剂。
实地考察

44.生物动力农业。
实地考察

45.药物疗法，光晕疗法和日光疗法。
-项目已停止，但在申请旅游贷款时应恢复

46.农民的参与赋权模式
最初是为泰国南部的减贫和地区和平而设计的
可以看到示范农场

47.种植物资捐赠
向Gapperindos的2600万人捐款并提供免费的草药和粮食作物种植材料。
-证据-Gapp2

48.农业杂草控制的替代方法
-参见MOSTI 1（第10条）

49.反蒸腾研究。
研发站演示

50.抗草甘膦损害研究。
研发站演示

51.加速生物清洁剂和脱脂剂的研究。
-研发站演示

52.水处理与养护研究。
研发站演示

53.橡胶和油棕木的生物处理研究。
研发站演示

54.种衣剂 Seed Coating

具有BCA（生物防治剂），生物肥料和免疫机制以及抗旱性的种子包衣（可以部署来自Lynas的经过处理的稀土废物）。-R D站中的演示

55.放射性废物生物修复的研究。
- Lynas的放射性WLP核废料 经过了技术测试。
- 与UMK（**马来西亚吉兰丹大学** 合作培养“重金属生物修复（包括 钍和铀）“ 方面的工业博士学位
-（应用UMK-PhD 5

56. 研究 核废料回收 钍和铀
- 研究在稀土和二氧化钛的生产核废料回收 钍和铀。
- 现场参观 实地考察

57. 研发 用钍铀和用于发电的熔融反应器
研究使用钍和铀的从熔融氟化盐钍反应堆的稀土和钛白粉生产用于发电的恢复。
-- 现场参观 实地考察

58.秋季军虫的生物解决方案
- 已经配制了几种产品

59.蝗虫的生物解决方案
- 已经配制了几种产品

60.大麻和大麻产品的有机生产
仅制定概念和方法。马来西亚尚未批准大麻和大麻产品的种植和加工

61 介绍安全非传统无污染稻田技术 于MADA（慕达农业发展局）
-可以看到PPT

62 介绍安全非传统无污染稻田技术 于Kemubu农业发展局）
-可以看到PPT

63.包膜病毒的草药疗法研究
-可提供样品

64. COVID 19 新冠病毒 的心理治疗
-可提供样品

65. UMK完成的工作 UMK马来西亚吉兰丹大学 担任农林业顾问
-参见UMK 1

66.APDAM完成的工作 马来西亚维护与发展农业协会
-参见ADPAM 21

67.为西巴布亚的Kabupaten Paniai摄政王完成的工作。
-请参阅摄政王1

68.印度尼西亚农业部总监 之间的合作
-参见DG 567

69. GAPPERINDO主席赋予的权力
-参见DrAgus-11博士

70.建议由博士教授铱M. Winugroho的热带动物研究中心
-见Winu教授3

71. A.S.S.I.S.T.（利益相关者联盟，促进非洲社会经济发展和可持续转型）对范行长博士技术的确认
-参见ASSIST 08

72.**KOSSAR完成的工作 Koperasi SUMBER SARARAK沙捞越 资源合作社**
-参见KOSSAR-20

73. 对范行长博士技术安全食品倡议是森美兰州政府会议委员会成员
-参见NS-19

74.在印度尼西亚重新种植400,000公顷棕榈树的专有合同权
-请参阅补植400

75.在喀麦隆和非洲加蓬的97,000公顷人工种植 的工作。
-见非洲13

76 代表Gapperindo在先进生物燃料领袖会议，在美国华盛顿特区2012年 促进印尼的"食品和能源安全的天堂"

-参见华盛顿特区DC-12

77. **在国际会议上展示了最先进，最有用的技术 ，"第二届全球可持续增长绿色技术生态系统国际会议"**
-见ICGT 14

78.改善榴莲的生长，产量和质量
-参见MOSTI 1（第12页）

79.生物质的加速生物降解
-参见MOSTI 1 Pg 1 6

80 身为UMK（马来西亚吉兰丹大学）教授 指导 博士生的现场指导及研究
-参见UMK -21

81. 生产用于抗发炎的粮食作物。
- 现场参观

82 研发 安全防蛇剂
-实地考察，照片

83 研发 安全的白蚁驱避剂
- 现场参观

84. 研发 安全蚊子清除驱避剂
- 现场参观

85. 研发 安全的猴子 驱避剂
- 现场参观

86. 研发 安全的野猪驱避剂
- 现场参观

87 研发 安全的蜗牛清除驱避剂
- 现场参观

88. 研发 非化学除草剂
- 现场参观

89 。阴霾雾度控制 研究
- 现场参观

90. 未来食品安全及保障 的研究
-参见MOSTI（第20页）

91.在农业旅游和加速中为Azam Urusniaga Sdn Bhd完成的工作： 没有化学投入的植物生长。
-只能看到文档。

92. 研发多项产品，以废止和取代《联合国21世纪议程》
- 研发多项产品，代替危害人类，和人口减少的议程/项目/产品
- 联合国多项普遍不合理和危及人类，和人口减少的议程/项目，即《 21世纪议程》 https://en.wikipedia.org/wiki/Agenda_21. Agenda 21 21世纪议程》是联合国关于可持续发展的一项非约束性行动计划。
-

93，**被草甘膦污染的小麦粉的替代品**
- 现场参观

94. 研发 油棕废料的更多用途
- 现场参观

95 研发 竹子的更多用途
- 现场参观

96 。**研发 种植无病香蕉 作为安全食品和面粉，而无需在接下来的30年重新种植**
-正在执行

97.原位 雨水的收集和储存
- 现场参观

98. 研发 油棕庄园中的多种生物多样性种植
- 现场参观

99 研发 单作种植园中的同伴作物和兼容作物
- 现场参观

100. 研发 频率在植物育种和气孔开放研究中的应用。
- 现场参观

PERSATUAN PERLINDUNGAN DAN PEMBANGUNAN PERTANIAN MALAYSIA
AGRICULTURAL PROTECTION AND DEVELOPMENT ASSOCIATION OF MALAYSIA
马来西亚维护与发展农业协会 (PPM 011-01-14082014)

TO WHOM IT MAY CONCERN

Date:18th December 2024

This is to certify that Dr Fung Fwei Chong(Malaysia Identity Card No:490306015067) has won the 7th Malaysia Agro Excellence Award in the category of Agricultural Social Responsibility Excellence with reference to food security, food safety and Liveability Challenges which was jointly organised and judged by AIM(Agriculture Institute of Malaysia and APDAM(Agriculture Protection and Development Association of Malaysia).

Dr. Fung Fwei Chong hails from Johor and is renowned as a "Mycology Genius." For over 40 years, he has dedicated himself to researching and promoting healthy, safe, and high-yield sustainable farming methods which are free of chemical pesticides, keeping bees and butterflies, bioremediating dump sites, using much lesser water, more efficient photosynthesis, mitigation of carbon,methane and isoprene, nitrous oxide, no tillage farming, earning widespread recognition in the industry. His agricultural research spans over a hundred projects, advocating for the use of biotechnology to replace traditional chemical inputs, without compromising crops yields. His " Life extension, Immune system enhancement and Lung cleansing Park" with 24/7 Oxygen generation power house equipped with a Training Center for food security and food safety accelerates liveability challenges to the zenith. His " Innovating to Zero" Climate Change Park was created from an oil palm smallholding to enhance biodiversity and GHG mitigation. He was recently awarded the "Agricultural Social Responsibility Excellence Award" at the 7th Malaysia Agro Excellence Award(the highest award in Malaysia) with the nomination receiving unanimous praise from the judges.

Dr. Fung's contributions to agriculture go beyond technological innovation; he actively promotes agricultural social responsibility. He collects and cultivates various plant and animal species, especially on his own farm, working to achieve agricultural ecological diversity and sustainable development. To promote agricultural sustainability, he has tirelessly researched rice production techniques, advocating for their broader application, even sending personal letters to Chinese leaders to facilitate cross-border use of these techniques.

After the Parit Sulong Massacre on 22nd January 1942, Takuma Nishimura, the Japanese Lt General ordered massacre of the slandered British Army. The Imperial Army went upstream to Sungei Lenek and killed, tortured and raped civilians and the river was tainted red with blood.

"We should not forget the pain and lessons of history," as Dr. Fung states, emphasizing that understanding history and learning from it is a shared responsibility. Dr. Fung purchased the approximately 100 -acre site of the massacre and transformed it into a genetic preservation and biodiversity conservation park. This serves as both a memorial to history and a contribution to environmental and species protection, fulfilling his social responsibility. He presented this project to the Malaysia Parliament on 16th November 2017 and the Ministry of Science Innovation and Technology Malaysia has commented it in writing after Dr Fung presented same to the Malaysian Parliament on 16th November 2017.

Asked what are those stone hills for: they are the moss hill and moss stadiums, Mosses are the most efficient carbon sequesters and they can store carbon for a very long time.

He planted many organic flowering plants in his oil palm lands for the breeding of bees and butterflies as oil palm pollen are only eaten by weevils, not bees and butterflies. He recommend us to read a book, " The World Without Bees"

Albert Einstein said, " In a world without Bees, humans extinction is expected in four years time" One third of the foods we serve on the table are pollinated by bees. No bees, no plant species, no animals, no humans..only germs left.. Now the pollinating insects have food insecurity and food safety problems. More than 40 percents of the world's bees population has disappeared. "Liveability challenges are not only applicable for human beings. Plants, animals and the whole ecology systems are inclusive" he said

Dr. Fung is not only a technological innovator but also deeply practices social responsibility through his agricultural and liveability challenge projects. Through years of hard work and investment, he has successfully helped made a Better World for people, plants, animals, microbs and all living things to share and enjoy in symbiosis

In 2018 Dr. Fung was awarded "Outstanding Agricultural Science & Modern Technology Award by the Agricultural Protection and Development Association of Malaysia with emphasis on (1). Unorthodox Safe Food Production, (2). Preservation of Genetics and (3)Conservation of Biodiversity.

In 2021, the then president of APDAM, Dato' Dr Chai Chen Hing, secretary-general of APDAM Mr. Chai Siong Siew, and Professor Fu Qiang from the China Zero Residue Professional Committee jointly authenticated and certified 100 items which Dr Fung had accomplished in Social responsibility and contribution in liveability challenges as appended herein below:

1) Hybrid oil palm. Evidence: OP1
2) Safe food, genetic preservation, and biodiversity conservation – awarded in 2018 by the Malaysian Parliament for "Safe Food, Genetic Preservation, and Biodiversity Protection" with documents from the Minister of Science, Technology, and Innovation marked "Mosti-1"
3) Established "Holocene Innovating to Zero Park" technology park – compared to Bill Gates' "Innovating to Zero," this technology aims to reduce population without killing people.
4) Cash donation to Gapperindo – Cash donation of no less than RM155,000.00 to members' children in Indonesia.
5) Appointed lifetime advisor by Gapperindo for poverty eradication, evidence marked "Gapp 2."
6) Rubber and bacterial technology provided to Gapperindo, evidence marked "Gapp 3."
7) USD 84 million debt assistance to Gapperindo, evidence marked "GAPP 4."
8) Safe food production, water-saving technology in Cambodia, evidence marked "Cam 1."
9) R&D for improving palm oil industry.

a) -At the request of listed companies, R&D to improve the palm oil industry

b) - Report by Dr. Richard Cropp and Professor Rahman Omar, marked "FGV1"

10. Plants at the Prime Minister's Residence were improved (evidence marked "PM1"

11. Growth of teak along highways

Growth of teak along highways was improved (evidence marked "HW1"

12. Video presentation of safe food technology to China

A video presentation on safe food technology in China was produced (evidence marked "XJP 1") - viewable only by appointment

13. Development of safe food protocols in China

Developed safe food protocols for implementation in China (evidence marked "Pro-China 1" - not available to the public, but viewable)

14. ChemChina acquires Syngenta

ChemChina acquires Syngenta =Analysis of (evidence marked as "CCS1" - not available to the public, but visible)

15. Export of soybeans to China

Analysis of soybean export agenda to China (marked as "SB1"

16. Malaysia, a developed country, uses non-traditional agriculture as a growth engine

Formulated as "Malaysia, a developed country, uses non-traditional agriculture as a growth engine" (evidence marked as "MDN 1" - only available to Malaysian leaders, but visible)

17. Work done at UTHM (Universiti Tun Hussein) (evidence "UTHM1,2,3"

18. Work done at UMP (Universiti Pendang Malaysia) (evidence "UMP1"

19. Work done at Perbadanan Biotechnoly dan and Biodiversiti in Johor (Johor State Government, Malaysia)

(marked as "JBT 1" evidence)

20. Close swiftlet houses and prepare bird's nests

- The rest of the life of pollinators. Rich Chinese eat bird's nests, which led to the prosperity of swiftlet farming. But swiftlets eat a lot of bees, reducing pollination.

- Bees are declining in numbers because of 1 Colony Collapse Disorder, (2) neonicotinoids, 3)

a.

genetically modified pollen, 4) pesticides and (5) lack of continuous food from flowering plants.
- Einstein said that in a world without bees, humans would be extinct in 4 years.

21. Breed larger pollinators to enhance pollination
- Breed larger pollinators and wasps
- Reduce predation of bees by swiftlets
- Colony Collapse Disorders (CCD) is greatly reduced

22. Research and develop high-yield crops Wind-pollinated clothing crops and planting materials to minimize the need for pollination of crops
- Establish higher-yield clothing crops that do not require pollination
- Research and development of wind-pollinated crops and planting materials

23. Plant more flowering plants; increase food sources for pollinators to eat all year round.

24. Genetic conservation and biodiversity conservation
Establish genetic conservation and biodiversity conservation, especially on endangered medicinal plants.

25. Expanded safety food safety research
The world's first vertical and underground farms were built, symbolizing world peace.
- Anti-inflammatory microorganisms were deployed and soil was used, not just hydroponics or hydroponics

26. Desertification prevention
Desertification prevention for world peace
Please refer to the letter DF1 from the China-Desertification Foundation
27. Accelerate afforestation research.
Make an appointment for demonstrations and explanations

28. New crops

-New crops that can produce food and medicines.

29. Multiple, multi-creative space agriculture.

Multiple intercropping in middle-aged oil palm trees (even on trees and rocks) to cope with climate change and palm oil blackening

30. Symbiosis of fish ponds and changes in pond water mist

31. High-yield Jatropha Curcas

High-yield Jatropha Curcas has short juvenile stage and branching characteristics (Evidence: JC 10

32. High-yield energy crops - food sources

Cassava, sugarcane, taro, sweet potato, ginger, etc. (Evidence 32a) and 32b

33. Research on hybrid deer, fish and non-conventional feeding.

Evidence: 33

34. Herbal medicine and non-conventional food safety research station.

Evidence: 34 (f)

35. Lightweight, self-compacting, impermeable concrete Research on lightweight, self-compacting, carbon-fixing, durable, impermeable concrete

-Application UTHM9

36. Self-sufficient, detachable pontoon

Durable, modular, detachable, life-saving, independent pontoon research.

-UTHM-10

37. Research on climate change, environmental change and cover control.

-Application for the position of Permanent Secretary-General of the United Nations Future Earth

-Professor Rahman's report

38. Anti-Ganoderma agents, anti-Fusarium agents, anti-nematode agents Antifeedant, anti-ovipositor, and insect permeabilizer.

-Ganoderma Boninense: Ganoderma lucidum, a fungal disease in oil palm, base stem rot of oil palm, fungal disease of oil palm

-Antifeedant: makes insects lose their appetite

-Anti-ovipositor: insect eggs cannot hatch.

39. Soil erosion research.

40. Hair growth and tiredness.

41. Anti-inflammatory, joint and muscle pain relief.

42. Herbal anti-disease preparations.

43. Herbal anti-bacterial preparations.

44. Biodynamic agriculture.

45. Medication, halotherapy and heliotherapy.

-Project has been stopped, but should be resumed when applying for tourism loans

46. Participatory empowerment model for farmers
Originally designed for poverty reduction and regional peace in southern Thailand, demonstration farms can be seen

47. Donation of planting materials

Donation and free herbal and food crop planting materials to 26 million people in Gapperindos.

-Evidence-Gapp2

48. Alternative methods of agricultural weed control
-See MOSTI 1 (Article 10)
49. Anti-transpiration research.

50. Anti-graft film damage research.

51. Accelerated biological cleaning and degreasing agent research.

52. Water treatment and maintenance research.

53. Rubber and oil palm wood biotreatment research.

54. Seed Coating

Seed coating with BCA (biological control agent), biofertilizer and immune mechanism and early resistance (processed rare earth waste from Lynas can be deployed). -Demonstration in R D station
55. Research on radioactive waste bioremediation.
- Lynas' radioactive WLP nuclear waste has been technically tested.
-Cooperation with UMK (Universiti Malaysia Kelantan) to cultivate "Industrial PhD in Bioremediation of Heavy Metals (including Thorium and Uranium)"-(Applied UMK-PhD 5
56. Research on Nuclear Waste Recovery Thorium and Uranium
-Research on the production of rare earth and titanium dioxide for nuclear waste recovery Thorium and Uranium.

57. R & D Uranium and thorium melt reactor for power generation

Study on the use of thorium and uranium to produce rare earth and titanium dioxide from molten salt thorium reactor for power generation.

58. Biological solutions for fall armyworm

59. Biological solutions for locusts

60. Organic production of cannabis and cannabis products
Only developed concepts and methods. Malaysia has not approved the cultivation and processing of cannabis and cannabis products
61 Introduction of safe non-traditional pollution-free rice field technology at MADA (Muda Agricultural Development Authority)

62 Introduction of safe non-traditional pollution-free rice field technology at Kemubu Agricultural Development Authority)

63. Research on herbal treatment for encapsulation disease

64. Psychological treatment for COVID 19 coronavirus

65. Work done by UMK Universiti Malaysia Kelantan as an agroforestry consultant see UMK 1

66. Work done by APDAM Malaysian Association for the Preservation and Development of Agriculture

67. Work done for the Regent of Kabupaten Paniai in West Papua.

68. Cooperation between the Director General of the Ministry of Agriculture of Indonesia

69. Authority granted by the Chairman of GAPPERINDO

70. Proposal by Prof. Dr. Iridium M. Winugroho for the Tropical Animal Research Center

71. A.S.S.1.S.T. (Stakeholder Alliance for Socio-Economic Development and Sustainable Transformation in Africa) for the recognition of Dr. Van's skills

72. Work done by KOSSAR Koperasi SUMBER SARARAK Sarawak Resource Cooperative

73. Safe Food Initiative for Dr. Van's skills as a member of the Negeri Sembilan State Government Conference Committee

74. Exclusive contract rights for the new planting of 400,000 hectares of palm trees in Indonesia

75. Work on 97,000 hectares of plantations in Cameroon and Gabon, Africa

76 Represented Gapperindo at the Advanced Biofuels Leadership Conference, Washington, DC 2012 to promote Indonesia's "Paradise of Food and Energy Security"

77. Demonstrated the most advanced and useful technologies at the international conference, "The 2nd International Conference on Global Green Technology Ecosystem for Sustainable Growth"

78. Improved the growth, yield and quality of durian

79. Accelerated biodegradation of biomass

80 As a professor at UMK (Universiti Malaysia Kuala Lumpur) to supervise and conduct field research for doctoral students

81. Produced food crops for anti-inflammatory purposes.

82 Developed a safe snake repellent

83 Developed a safe white mosquito repellent

84. Developed a safe mosquito removal potato repellent

85. Developed a safe monkey repellent

86. Yanfa Safe wild boar repellent

87 Developed a safe snail removal repellent

88. Developed a non-chemical herbicide

89. Haze control research

90. Future food safety and security research see MOSTI (page 20)

91. Work done for Azam Urusniaga Sdn Bhd in agro-tourism and acceleration: plant growth without chemical inputs

92. Research and development of multiple products to repeal and replace the United Nations Agenda 21

-Research and development of multiple products to replace agendas/projects/products that are harmful to humanity and depopulation

-Multiple agendas/projects of the United Nations that are generally unreasonable and endanger humanity and depopulation, namely Agenda 21

https://en.wikipedia.org/wiki/Agenda 21. Agenda 21 Agenda 21 is a non-binding action plan of the United Nations on sustainable development.

93. Alternatives to wheat flour contaminated with licorice film

94. R&D More uses for oil palm leather

95. R&D More uses for bamboo

96. R&D Planting disease-free bananas as safe food and flour without replanting for the next 30 years

-Under study

97. In situ rainwater harvesting and storage

98. R&D Diverse biodiversity planting in oil palm estates

99. R&D Companion and compatible crops in monoculture plantations

100. R&D Application of frequency in plant breeding and stomatal opening research.

Dr. Fung's contributions are not limited to Malaysia; he has also engaged in extensive international cooperation. Years ago, Professor Yuan Long Ping, the Father of Rice in China, visited Malaysia for rice technology exchanges, but further collaboration did not materialize for various reasons. Nonetheless, Dr. Fung has always maintained ties with the Chinese agricultural community and actively promoted collaboration with the Chinese Academy of Agricultural Sciences to extend his rice cultivation technology to a broader region, even aiming for its application in China.

One of his core philosophies is to replace traditional fertilizers and pesticides with microbial technologies. He points out that using specific microorganisms can effectively promote plant growth, improve soil fertility, and reduce environmental burdens. For example, in durian cultivation, he successfully hybridised the durian root stocks for grafting with Musang King or Black torn durians and replaced traditional fertilizers with microbial fertilizers, achieving

remarkable results. Dr. Fung emphasizes that the root stock is like the foundation of a building. If our building has weak foundation, it shall collapse no matter how much renovations we have invested. He also provides remedies of the ethyl mercaptan inhibition of our liver to secrete the detox enzyme, aldehyde dehydrogenase

In rice farming, Dr. Fung introduced optimization concepts by experimenting with certain rice varieties to improve growth conditions and produce high-yield, pesticide-free healthy rice. In 2023, he personally traveled to China to invite agricultural experts for exchanges and technical transfer, advancing agricultural cooperation between China and Malaysia.

Dr. Fung has made significant achievements in other agricultural areas as well. He successfully cultivated rice on slopes, in bamboo tubes, and in gaps between stones, utilizing ecological agricultural principles. This method improves land use efficiency and ensures healthy crop growth. Additionally, he integrates modern agricultural techniques with traditional medicinal plant cultivation, enhancing the yield and quality of medicinal plants through biotechnology.

Dr. Fung's work goes beyond research to include ecological protection and fulfilling social responsibilities. By introducing diversified agricultural crops, he has contributed to ecological restoration and sustainable development. His efforts have improved biodiversity, providing farmers with more environmentally friendly and efficient cultivation solutions.

Dr. Fung's agricultural innovations have not only improved crop yields and quality but also provided new solutions for global agriculture. His pesticide-free cultivation techniques and microbial technology, especially in the context of growing global food security and environmental protection concerns, offer broad application prospects. Through these innovations, Dr. Fung has helped farmers reduce costs, minimize environmental pollution, and promote the realization of sustainable agricultural development.

During one of our surprised visits to his farms on 5th December 2024, He used his machine, JCB to clear the unattended public dump site and sprayed a biological solution onto the dump site to remove sulphur dioxide, methane, nitrous oxide etc. "How can we address to making places liveable without having biotechnology to remove GHG(green house gases)which is emitted everywhere.

In the dump sites in his farms, this biological solution is constantly sprayed with added biotechnology which also addresses removal of isoprene, methane, nitrous oxide and carbon dioxide. He is now using such land for planting organic, wet paddy without flooded water which achieved shorter time of harvesting(about 100 days compared to 127 days in China) of production, without compromising its yield. "How is it possible?" because I deployed a technology similar to that of cactus in the desert and the paddy ratooned after harvesting without having to replant like planting Chinese chives" Paddy fields in the world contribute to 1.5 per cent of global warming potential. Methane is some 30 times carbon dioxide equivalence and nitrous oxide 300 times of carbon dioxide equivalence. He removes or mitigates them. A couple of his paddy fields is able to