



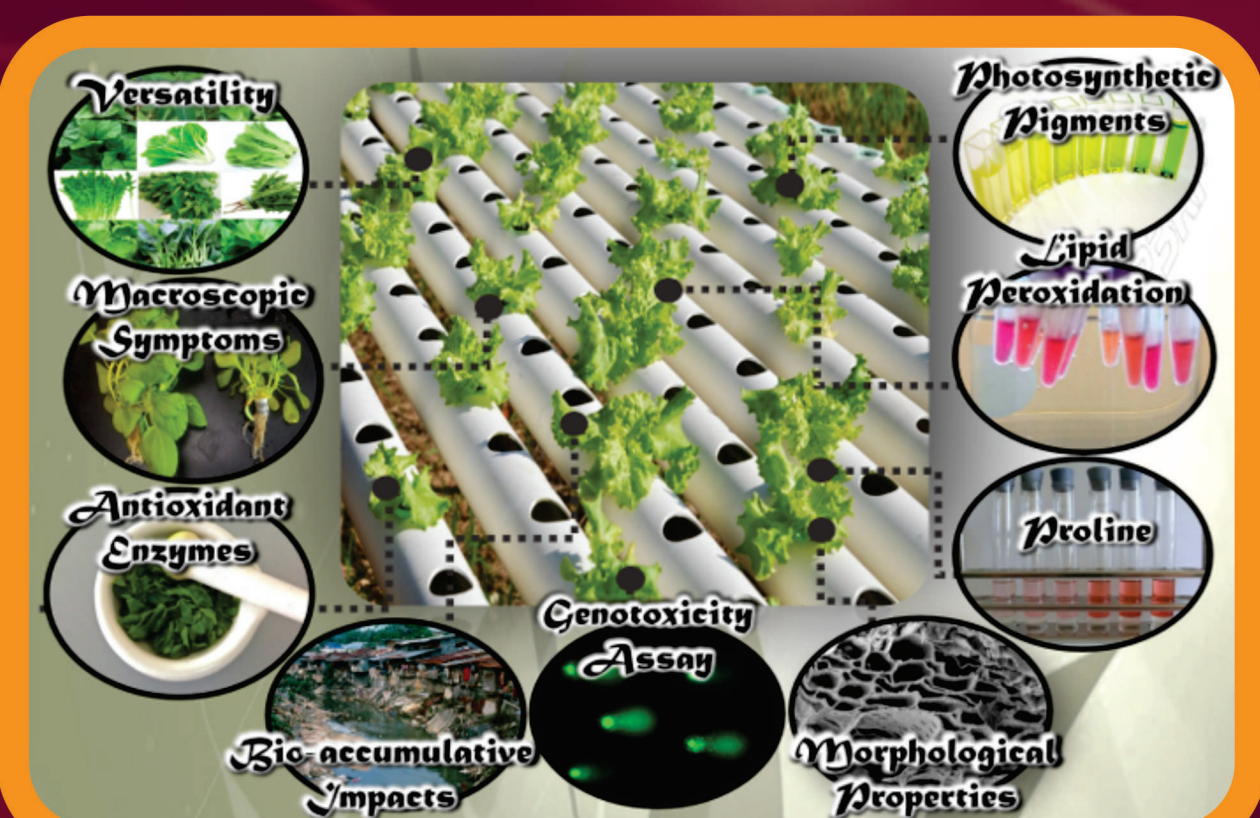
BOTANY
Nutri Essence



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INTELLECTUAL PROPERTY:
▶ TRADEMARK
▶ PATENT

Botany Nutri Essence



Introduction

Botany Nutri Essence is the breakthrough in plant nutrition, that contains complete, balanced and stabilized macronutrients, micronutrients, and enriched with specific bio-extract as growth booster and natural pesticides for fast yielding food crops. The unique invention has been supported by a full assessment of changing biochemical and physiological characteristics, enzymatic activities and defence mechanisms, and the associated health risks evaluation.

Intellectual Property Status, Novelty and Inventiveness

- Protected under Trademark and Patent: This Invention is Novel and Industrial Applicable
- Long shelf life
- Multimode
- Growth booster
- Pest control
- Health assurance
- Wide usefulness
- Economic feasible

Usefulness and Application of the Invention, Commercialibility and Market Potential

- Soilless cultivation
- Germination
- Feeding seedlings
- Transplants and clones
- Foliar feeding

Status and Completeness of the Invention/ Innovation

- Successful innovation of a complete, balanced, and stabilized nutrient in a single formulation
- Integration of bio-extract for fast yielding food crops
- Scientifically driven analysis for safe and nutritious food crops production

Potential Collaborative Partners

- Accenture Tech
- Chong Kim Maju Enterprise
- Agrobiologic Green Exurb

Knowledge Management

- Awards: Gold Medal, International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT-SIC)
- Grants: Research University Individual (RUI): 1001/PREDAC/814272; MTSF Science and Technology Research Grant: 304/PREDAC/6050358/M126
- Talent Development: 3 Postgraduate Students
- Publications: UNESCO Publishing, Book Chapter; iMIT-SIC Book Chapter; Journal of Cleaner Production; Journal of Water and Health; 37th International World Congress, Kuala Lumpur, Malaysia; 9th International Conference in Challenges in Environmental Science and Engineering (CESE), Kaohsiung, Taiwan; 2nd International Conference on Advances in Biotechnology, Kuala Lumpur, Malaysia



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