



Biotech Monascus Colorants

BUSINESS POTENTIAL

Commercial application of the innovation will lead to the production of industrially important microbial-based colorants. The market is very attractive and its profitability potential for commercial application is quite high.

THE PROBLEM

Numerous scientific studies have associated a lot of synthetic colorants to various safety concerns such as cancer, allergic reactions, and worsening hyperactivity in children. Synthetic dyes are under strict regulations in many countries and were mostly banned for human consumption. Alternative sources of colorants like those extracted from plants and animals are seasonal and costly to produce.

THE SOLUTION

The project team from BIOTECH-UPLB developed an efficient technology for the production of all natural Monascus colorant, which is more affordable, safer and added product value such as anti-oxidants and cholesterol lowering compounds.

TARGET MARKET

Food, Beverage, Beauty and Personal Care Products Industries

FOUNDING TEAM

- Fidez Z. Tambalo (Project leader)
- Jayzon F. Garcia
- Cyrene D. Estrellanna
- Manolito E. Bombase, Jr.
- Ronilo P. Violanta
- Erlinda I. Dizon

CONTACT INFORMATION

Enzyme Laboratory
BIOTECH, U.P. Los Banos
College, Laguna, Philippines 4031

E-mail: enzymelab@yahoo.com
Landline: +63 049 536 1612
Mobile: 0917 7414005 / 0949 4279522