


# Phytophagous probiotic foods: Exploring the intersection of characteristics, quality implications, health benefits, and market dynamics

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## Abstract

### Background

The development of novel food products with functional properties, particularly those that contain bioactive substances and probiotic microorganisms, is driving the rising demand for improved nutritional content. Phytophagous probiotic products assume significance in this manner. These are commonly known as biotechnological formulations comprising beneficial microorganisms with a primary nutritional preference for plant matter consumption. These beneficial microorganisms have been commonly utilized in non-dairy products due to their diverse and significant characteristics, which can influence not only food quality and safety parameters but also various aspects of human health.