



# WHAT IS FERMENTED PLANT JUICE (FPJ)?

- Plant materials are fermented to create FPJ, an organic fertilizer that is natural.
- A key stage in the creation of Fermented Plant Juice (FPJ) is fermentation.
- Complex organic compounds are broken down into simpler, more bioavailable forms which can be easier for plants to absorb through the fermentation process.



- It originated from the young growth of fast-growing plants that have fermented with brown sugar for about seven days.
- Brown sugar encourages the extraction of plant fluids through osmosis and serves as a food source for the microorganisms responsible for the fermentation process.
- Several bacteria are known as "probiotics" because it is believed that they have beneficial characteristics.
- Extracts of other plant components and chlorophyll, a substance soluble in ethanol, during fermentation.
- An anaerobic reaction is one in which microorganisms respire without producing oxygen in the air.
- During fermentation, lactic acid-producing bacteria not solely produce various antibacterial compounds but also modify indigestible materials into more easily digested chemicals. Weak alcohol is created.
- It is edible and non-toxic.

