

ABSTRACT

Instant drink plastic packaging is one of the contributors to dangerous plastic waste because instant drink plastic packaging waste contains hazardous materials like plastic in general. Plastic waste can last for years, causing pollution to the environment. Plastic waste is not good if burned because it will produce gas that will pollute the air and endanger human respiration, and if plastic waste is buried in the ground it will pollute the soil and water. Indonesia has waste that is difficult to decompose and has few landfills, waste collection, or recycling, so that waste is often thrown into the sea which ultimately becomes consumed by aquatic creatures.

Genjer plant {*Limnocharis flava* (L.) Buchenau.} is one of the indigenous vegetables commonly consumed by local people, this vegetable grows wild in rice fields, swamps, or rivers. Because genjer plants are commonly known for consumption, we created an edible film from genjer extract which does not result in the accumulation of garbage, is safe for the environment, and certainly safe for consumption so that genjer plants can be better known for their richness of benefits.

Keywords: Instant drink plastic packaging, Genjer Plant, Environmentally Friendly, Edible Film