**Abstract**

The major sources of land pollution include plastics, metal and glass containers, food wrapping, worn-out machinery, old furniture, garbage, etc. Plastics have become a large environmental problem. However, it is slow to degrade. The plastics in excess produced will be deposited as landfill and are degraded very slowly, which can cause the original products to remain in the landfills for hundreds or even thousands of year. The prominence of plastic pollution is correlated with plastics being economical and durable, which lends to high levels of plastics used by humans and plastic pollution, can unfavorably affect lands, waterways and oceans. In order to reduce the usage of Plastics, currently Bioplastics are produced from the agricultural and vegetable wastes. Bioplastics are [plastic](https://en.wikipedia.org/wiki/Plastic) materials produced from renewable [biomass](https://en.wikipedia.org/wiki/Biomass) sources, such as [vegetable fats and oils](https://en.wikipedia.org/wiki/Vegetable_oil), [corn starch](https://en.wikipedia.org/wiki/Corn_starch), [straw](https://en.wikipedia.org/wiki/Straw), [woodchips](https://en.wikipedia.org/wiki/Woodchips), [sawdust](https://en.wikipedia.org/wiki/Sawdust), recycled [food waste](https://en.wikipedia.org/wiki/Food_waste), etc. Bioplastic can be made from agricultural [by-products](https://en.wikipedia.org/wiki/By-product)  and other containers using microorganisms. At present we could see the use of conventional plastic in every corner of the world, but their use raises serious environmental issues and public irritation because of their non-degradable nature. Hence, nowadays it is indispensable to have a potential bioplastic material in alternate over the conventional plastics. The bioplastic obtained will be environmentally friendly, trendy, user friendly and degradation tractable properties. There were plenty of reports on bioplastic synthesis using vegetable and fruit waste, however, there are less reports on tractability biodegradation, thus produced biodegradation tractable plastic could play vital role in the market for the sustainable use and commercial value added product development. The bioplastic produced through this method could be substantial and the biodegradable tractability is one of the main challenges in developing bio plastic material. The current report has made an effort towards the synthesis and characterization these types of natural polymeric material. Certainly, the research is a long way to go for both economic and environmental friendly products using bioplastic materials or bio polymer.