



Closing the Loop: Certified Compostables & Clean Soil

Certified compostable products are science-backed materials designed to fully break down in real composting systems—**leaving no toxic residues or persistent microplastics behind.** In fact, they mimic nature. Like a banana or orange peel, they wrap what's edible in carbon-based packaging that lasts just long enough to protect the food, and can then be cycled back to the soil with food scraps.



From Product to Renewal: Designed to Follow Nature's Cycle

Certified compostables help streamline the capture and collection of organics for consumers and businesses.

Fundamentally tested for compost safety, food-soiled compostables deliver organics to the compost facility without adding conventional plastic.



Crops grown with safe, healthy compost generate food for us to eat, as well as more raw material for future compostables.

The right mixture of inputs and conditions allow naturally occurring microorganisms to populate the surface of the compostable product, consuming it from the outside.



Once the compost is stable and mature it is used to amend the soil and grow nutritious food, helping with drought and disease resistance. Applications include athletic fields, landscaping, erosion control, vineyards, agriculture, construction, gardening, and more.

The microbes generate heat through biological activity that consumes and transforms the compostable product just like they do the food scraps and yard trimmings in the pile, with no persistent microplastics left behind.



Hear more from experts on BPI's Youtube:

