



# Sustainability Report: Organic Waste Management 2026

*Al Taff University College, Iraq*

**Prepared by:** Sustainable Campus Infrastructure Committee (SCIC)

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## Executive Summary

Al Taff University College actively treats its organic municipal waste under a structured framework authorized by the [Institutional Sustainability Policy Decree ATUC 2026](#). Out of the 152.5 tons of total organic waste generated this year, the university achieved a flawless 100% treatment deployment rate. This systematic approach distributes 44.5 tons into direct multi-purpose reuse pathways and 108.0 tons into high-yield eco-composting systems, completely eliminating methane production typically resulting from landfill organic degradation.

## Operational Data

*Certified Annual Organic Waste Processing & Treatment Matrix (Tons)*

Type of Organic Waste	Amount Last Year (Tons)	Amount This Year (Tons)	Net Reduction (Tons)	Treated: Directly Reused (Tons)	Treated: Down-cycled / Composted (Tons)	Total Verified Treatment Rate (%)
<b>Total Organic Waste</b>	184.5	152.5	32.0	44.5	108.0	100%
- Institutional Food Waste	82.5	67.0	15.5	12.0	55.0	100%
- Landscape & Horticultural Waste	78.0	66.5	11.5	26.5	40.0	100%
- Other Biodegradable Residues	24.0	19.0	5.0	6.0	13.0	100%

## Methodology & Mechanisms

### Biological Aerobic Down-Cycling

The university's specialized, centralized Bio-Composting Units combine processed food leftovers (55.0 tons) with green landscape waste (40.0 tons) and other biodegradable organic materials (13.0 tons). By regulating automated



mechanical turning schedules and temperature levels, these inputs are transformed into stable, commercial-grade organic mulch and fertilizers, meeting 100% of the nutrient demands of campus soils.

## Direct Eco-Agricultural Reuse

Pre-consumer vegetable and grain trimmings (12.0 tons) are diverted into local sustainable agricultural channels for animal feed production. Concurrently, 26.5 tons of leaf litter undergo mechanical shredding to serve as moisture blankets across campus vegetation zones, significantly reducing water evaporation.

## Verification & Compliance

- **Official Regulatory Framework Document:** [Institutional Sustainability Policy Decree ATUC 2026](#)
- **Daily Bio-Composting Facility Logsheets:** <https://altuff.edu.iq/sustainability/data/organic-waste-log-2026>
- **Video Walkthrough of Treatment Processes:**  
<https://altuff.edu.iq/sustainability/media/composting-process-video>