

# 7-Day Wet Waste Audit Sheet

Weigh your wet (compostable) waste for seven days before you choose a composting machine size.

GMC | The Green Machine Co.

tgmc.co.in · info@tgmc.co.in

Site name \_\_\_\_\_ Site type (hotel, society, canteen, hospital...) \_\_\_\_\_ Person responsible \_\_\_\_\_ Week starting (date) \_\_\_\_\_

## Before you start

- ☐ Pick a normal week that includes a weekend and, for hotels and venues, at least one event day.
- ☐ Weigh at the point where bins are consolidated, before anything leaves the site.
- ☐ Weigh wet waste only. Keep dry waste (plastic, paper, glass, metal) out of the bins you weigh.
- ☐ Check the scale with a known weight on day 1, and keep the same person responsible all week.

| Day         | Date | Occupancy / covers / meals that day | Kitchen prep waste (kg) | Plate / buffet returns (kg) | Garden / other wet (kg) | Total wet (kg) | Event or unusual day?        | Notes |
|-------------|------|-------------------------------------|-------------------------|-----------------------------|-------------------------|----------------|------------------------------|-------|
| Day 1       |      |                                     |                         |                             |                         |                | <input type="checkbox"/> Yes |       |
| Day 2       |      |                                     |                         |                             |                         |                | <input type="checkbox"/> Yes |       |
| Day 3       |      |                                     |                         |                             |                         |                | <input type="checkbox"/> Yes |       |
| Day 4       |      |                                     |                         |                             |                         |                | <input type="checkbox"/> Yes |       |
| Day 5       |      |                                     |                         |                             |                         |                | <input type="checkbox"/> Yes |       |
| Day 6       |      |                                     |                         |                             |                         |                | <input type="checkbox"/> Yes |       |
| Day 7       |      |                                     |                         |                             |                         |                | <input type="checkbox"/> Yes |       |
| 7-day total |      |                                     |                         |                             |                         |                |                              |       |

If segregation is still poor, weigh the mixed waste, estimate the wet share, and mark the figure as provisional in Notes.

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Turn the seven days of weights into the machine capacity you should ask for.

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## Work out your capacity

### A Average day

7-day total from page 1 ÷ 7

\_\_\_\_\_ kg/day

### B Peak day

Your highest realistic day: full occupancy plus a banquet, a festival weekend, the busiest shift. Not a one-off.

\_\_\_\_\_ kg

### C Size to ask for

B × 1.2 to 1.3 (20–30% headroom for better segregation, growth and monsoon moisture)

\_\_\_\_\_ kg/day

## Cross-check against a planning figure

Multiply your units by the typical figure. If it is within about 20% of your average (A), your measurement is sound. If not, look for waste leaving by another route.

| Facility type            | Measured                  | Typical wet waste |
|--------------------------|---------------------------|-------------------|
| Business hotel           | per occupied room per day | 1,000–1,500 g     |
| Hotel with banquets      | per occupied room per day | 2,000–4,000 g     |
| Full-service restaurant  | per cover served          | 300–400 g         |
| Quick-service restaurant | per cover served          | 100–150 g         |
| Housing society          | per flat per day          | 800–1,000 g       |
| Corporate canteen        | per meal served           | 180–250 g         |
| Hospital                 | per occupied bed per day  | 400–600 g         |

TGMC planning estimates for Indian sites, wet (compostable) waste only. Your own measurement always comes first.

### Your cross-check

Units per day (rooms, covers, flats, meals, beds)

\_\_\_\_\_

Typical figure from the table (g per unit)

\_\_\_\_\_

Units × figure ÷ 1,000 = estimate (kg/day)

\_\_\_\_\_

Difference from your average A (%)

**Send us your completed sheet for a free capacity assessment.**

Email a photo or scan to [info@tgmc.co.in](mailto:info@tgmc.co.in). We will check your figures and suggest the machine size that fits your peak day.