

# Compost System Comparison

Feature	Advanced Compost Monitoring System	Standard Compost Monitoring Kit
Probe Length	2m (STD) Custom Available	1.5m
Probe Diameter	3/8"NB (17.1mm)	3/8"NB (17.1mm)
Robust Handles	Yes	Yes
Red Sighting Flag	Bright Red, metal flag	Red back panel
Sensor	HOBO	Milesight
Max Number of Sensors	Unlimited (50 per gateway)	15
Wireless	Mesh network	LoRaWAN
Wireless path	Up to 5 hops through sensors back to base.	Direct back to base
Sensor Power	Solar Powered, rechargeable	Long Life Lithium (User Replaceable) Approx 5 years
Sensor Environment	IP67	IP67
Sensor Range	-40+100 Deg C	-40+125 Deg C
Accuracy	±0.20°C (0° to 70°C)	± 0.5°C (-10°C ~ 85°C)
Outdoor Gateway Connectivity	4G	Ethernet, wi-fi or Optional 4G
Gateway Power	Solar Powered Rechargeable	Low voltage or PoE
Web Platform	HOBOLink	Milesight Cloud
Multi User Login	Yes	No
Alarm Messages	SMS & Email	Email & Push Notifications
Data on power or connectivity loss	Backed up in each device and backfilled on connection	No data
Max Alarm messages	Unlimited	1000/Month emails
Subscription	Yes	Yes
Satellite View for sensor placement	Yes	Yes
Data recording and graphs	Yes	Yes
Dashboard	Yes	Yes
Dashboard Sharing	Yes	Yes
Simple User Setup	Yes	Yes
Mobile Phone Compatible	Yes	Yes
Suitable Application	Large Scale Composting	Council Composting
Suitable for Multi-Site	Yes	No