

COMPOTESTER

<LEIO Method>

This equipment is manufactured on the basis of the principle, designed by LEIO, Livestock Industry's Environmental Improvement Organization, and jointly developed with us.



● Result of experimentation

The relation between the oxygen consumption and fermentation temperature

[Material]

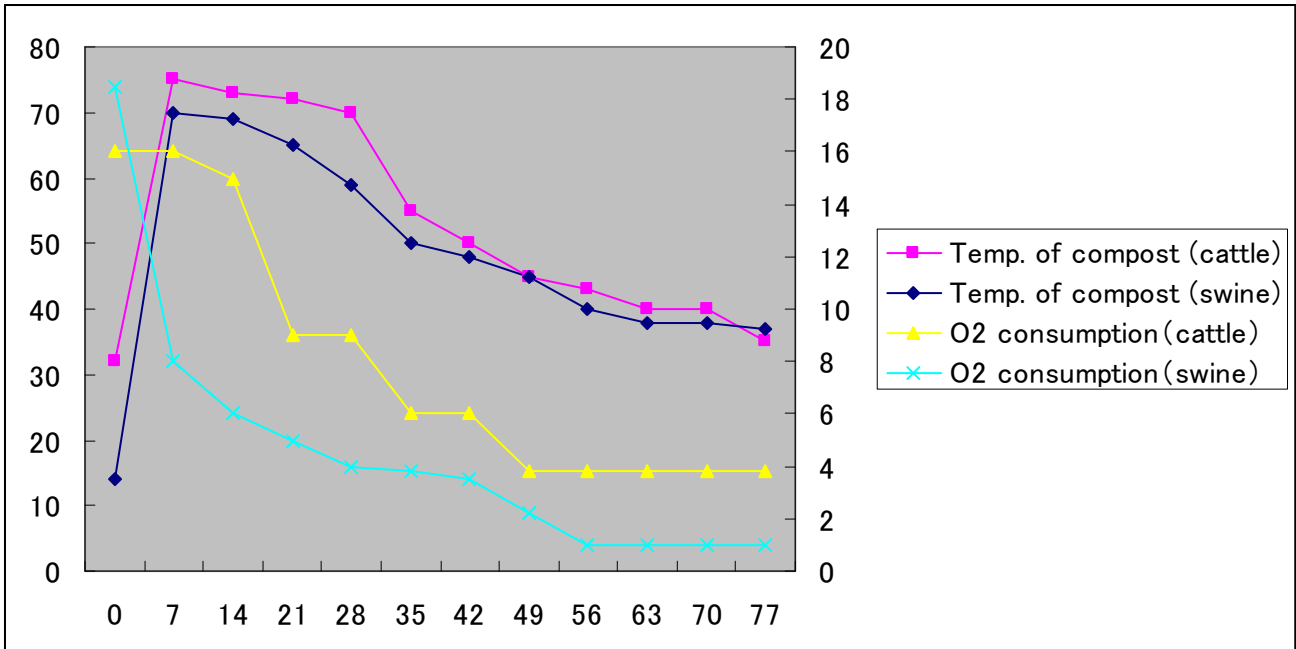
Cattle manure/ manure : sawdust = 3:1 (experimented from Aug – Oct)

Swine manure/ manure : rice straw = 3:1 (experimented from Nov – Jan)

*In the experiment of swine manure, incubation (30°C) was used after 49days.

[Result]

Oxygen consumption and temperature was stabilized after 49days.



Provided from LEIO

● Q&A

Q. Is there any kind of compost, which cannot be examined with Compotester ?

A. Yes, for example;

1. compost, made in the anaero-condition(activity of aerobes is suppressed)
2. compost with extreme acidity or alkalinity (activity of microbes is suppressed)
3. compost, added with chemical (Some chemical controls the activity of microbes)

Specifications

Built-in sensor	Measuring method	Galvanic cell method
	Accuracy	±2%
	Speed of 90% response	Approx.60sec.
	Calibration	Atmospheric calibration
	Thermal compensator	5-40°C
Suitable environment to use this equipment	Indoor, ambient temperature 15- 30°C	
Printing output	RS-232C	
Power source	AC100V/ 220V with transformer	
Measurement	Approx.330 x 210 x 230mm(WDH)	
Weight	Approx.10kg	