

Composting promoting materials New-Tokubetsu-Kyuko

Solution for
composting troubles

Composting promoting materials of cow,
swine and chicken manure

Produce good quality compost with
plant fiber degrading enzyme and thermophilic bacteria.

New-Tokubetsu-Kyuko promote composting by aerobic fermentation of livestock manure with a combination of plant fiber degrading enzyme and thermophilic bacteria. With the 3 effects of New-Tokubetsu-Kyuko - reducing odors, shortening composting period, and reducing volume of compost, we support the improvement of working environment of livestock-farmers.

Effects

※ based on internal evaluation results

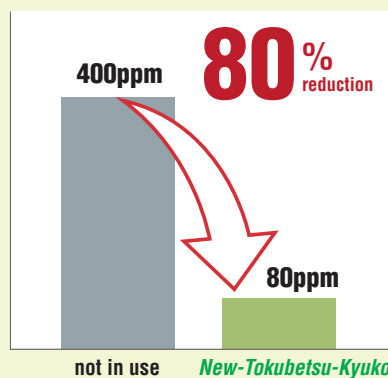
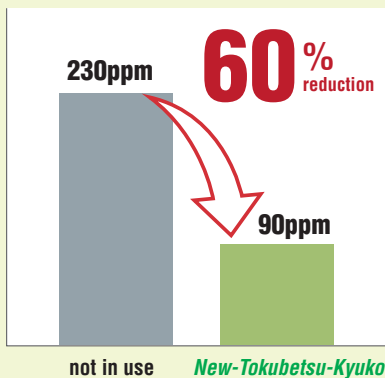
You can produce well-matured and good-quality compost.
Making high-quality compost leads to "environmental improvements" and "compost sales promotion".



New-Tokubetsu-Kyuko reduces **ammonia/amine** odors generated during composting

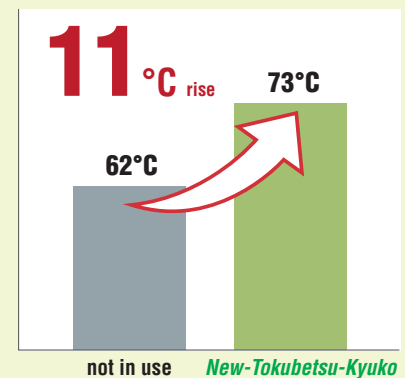
● Ammonia odors (pungent smell)

● Amine odors (smell like rotten fish)



Keep more than
70°C when
composting

● Composting temperature



The compost process maintains a high temperature of 70°C or higher, which kills bacteria, insect eggs, and weed seeds, making product safe.



Compost volume reduction



Reducing volume
by more than **20%**,

you can secure processing space
and reduce transportation cost.

Profile

Poultry
Fermentation tank → Lane



New-Tokubetsu-Kyuko
Case Studies

How to use

“New-Tokubetsu-Kyuko” is a material to use directly on livestock manure.
Please pay attention to the following direction and point of use.

Use amount	Use 1 bag onto about 10m ³ of livestock manure (For liquid type, dilute 1 bottle with about 5-100L of water according to your equipment)
Composting method	Regardless of composting method, always use 1 bag per 10m ³ (For liquid type, use 1 bottle)
Equipments	1. Lane type 2. Fermentation Tank 3. Cylindrical fermentation tank

使用上のポイント

New-Tokubetsu-Kyuko is a material which helps aerobic fermentation, so the following conditions must be satisfied.

- ① **Moisture:** Moisture content should be around 60%(When you hold it in your hand, it becomes a lump but water does not drip)
- ② **Aeration by the blower:** 50-300 ℓ/m³/minute(Source: Japan Livestock Industry Association)
- ③ **Stirring/Turning:** Timely

Actual usage (For powder type)

● Fermentation tank

- ① **Spray 1 bag of “New-Tokubetsu-Kyuko” for every 10m³ of livestock manure carried out.**
(When stirring raw manure and subsidiary materials, add New-Tokubetsu-Kyuko at the same time.)



- ② **Put into fermentation tank.**
(Mixing raw manure, New-Tokubetsu-Kyuko, and subsidiary materials in the tank is no problem.)

● Lane type

- ① **Put manure into the lanes after adjusting moisture for fermentation.**



- ② **Spray “New-Tokubetsu-Kyuko” on the surface and stir with a machine.**
(Spray 1 bag of “New-Tokubetsu-Kyuko” for about 10 m3 of livestock manure.)

Description



New-Tokubetsu-Kyuko
Standard type

7kg/bag



New-Tokubetsu-Kyuko Special
Conforming product of Organic
JAS Standard Appended Table 1

8kg/bag



New-Tokubetsu-Kyuko
(Liquid Type)
For water dilution spraying

100g/bag



New-Tokubetsu-Kyuko