

# Sewage Sludge Compost

## *Composting facilities*

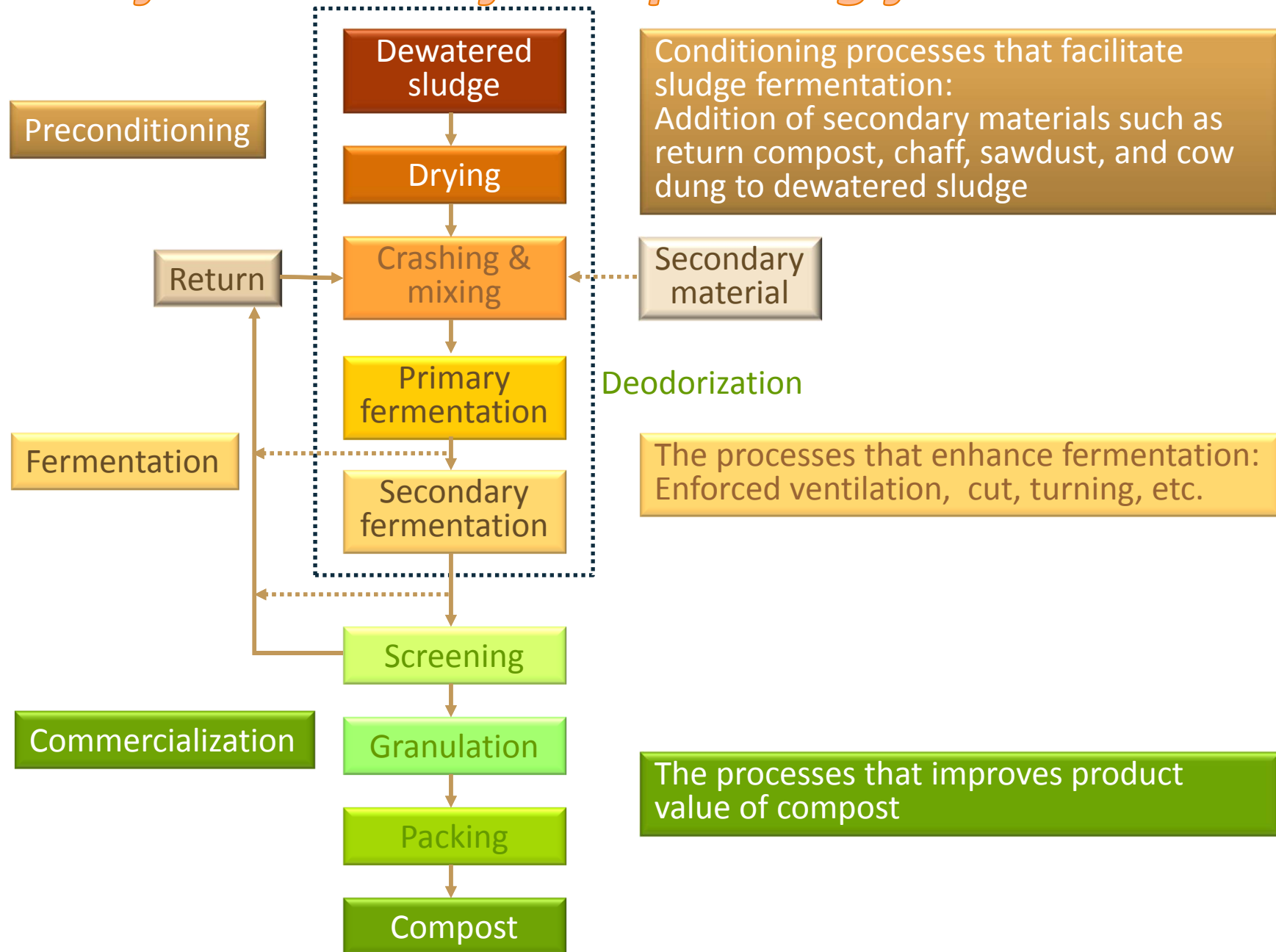
Sewage sludge has been reused for a green farm. For this purpose, dewatered sludge is aerobic fermented and stabilized independently or sometimes mixed with bulky organic matters. This process is *composting* and fermented and stabilized material is *compost*.

Composting facilities have three processes that are preconditioning, fermentation and commercialization.

The process flowchart and function of each process are described below.

*Fertilizer Control Law* was amended in July 1999 (enforced in October 1, 2000). By this amendment, sludge fertilizer and products of sewage sludge compost that used to be special fertilizers that required descriptive labeling and report, became normal fertilizers with simple registration.

# Basic flowchart of composting facilities

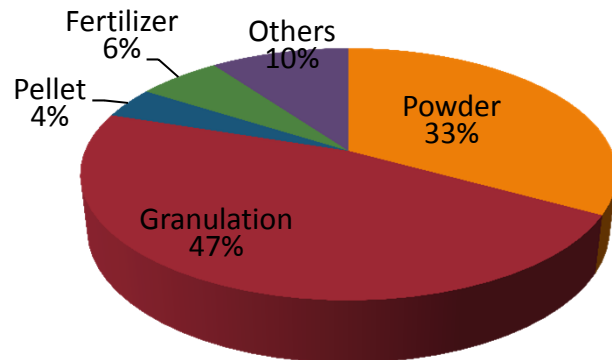


# Reuse of sewage sludge at green farms

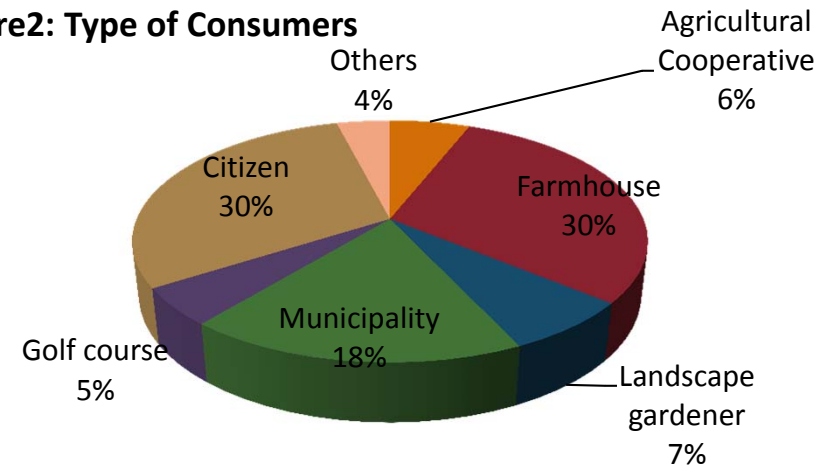
Sewage sludge is reused for a green farm as dewatered sludge, dried sludge, compost, etc. Among them, compost is most used since it is sterilized and stabilized by fermentation.

(As of 2000, sewage sludge of 286 thousand DS-ton was reused for green farms, and 216 thousand DS-ton of them was compost) Major compost products, consumers, and locations that compost is used are as follows (as a result of questionnaire.)

**Figure 1: Type of compost products**



**Figure2: Type of Consumers**



**Figure3: Locations**

