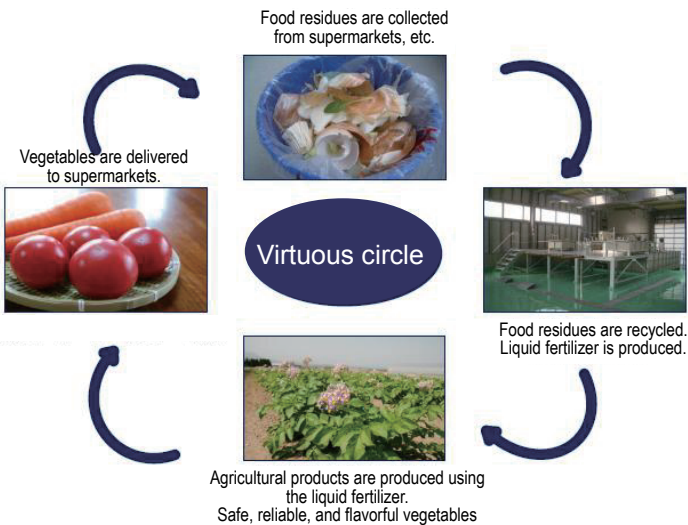


Technical Information Sheet

1. Name of technology	Conversion of food waste to liquid fertilizer
2. Type of technology	Many food residues, such as garbage from restaurants and supermarkets, are handled as general waste according to the Wastes Disposal and Public Cleansing Act and are incinerated at public disposal facilities. However, Earth Support's food recycling facility enables food residues to be recycled as liquid fertilizer. The food recycling facility emits no waste gas, waste water, or byproducts using environmentally friendly treatment processes.
3. Description of technology	
Objective, application, characteristics, delivery record, and price of technology	<p>[Objective and application of the technology] This technology is used to recycle food residues that would otherwise be incinerated into liquid fertilizer. This technology forms a virtuous circle where agricultural products harvested only using this fertilizer is delivered to those who provide food residues.</p> <p>[Characteristics of the technology] This food recycling plant decomposes food residues using microorganisms only in order to produce liquid fertilizer, which has eliminated the need for heat adjustment in the production processes. No byproducts, waste water, or waste gas are generated. Until now, such food residues have been incinerated. Compared to the incineration process, this recycling plant requires much less fuel and water. In addition, most food residues from anything people eat, including liquids, can be recycled as fertilizer.</p>  <p>[Delivery record] Treatment capacity: 12 tons per day (24-hour operation) Amount of liquid fertilizer produced: 135 tons monthly (average)</p> <p>[Price and other inquiries] Contact: Sales Department TEL: (0852) 37-2890 FAX: (0852) 37-2892 E-mail: earth@earth-support.jp</p>
4. Classification of technology	
(1) Applicable fields	Municipal solid waste treatment, Industrial waste treatment, Recycling
(2) Target waste	Food waste/raw garbage
(3) Services provided	Waste treatment service
5. Countries to which this technology can be provided	China
6. Keywords	Raw garbage, recycling, food residue, recycling loop, liquid fertilizer
7. Contact information	Earth Support Corporation Keisuke Nishimura, General Affairs and Planning Department TEL: 0852-37-2890 FAX: 0852-37-2892 E-mail: earth@earth-support.jp http://www.earth-support.jp/