
A BILL FOR AN ACT

RELATING TO RESOURCE RECOVERY.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that the department of
2 education produces a large amount of rubbish and waste from two
3 hundred sixty-five schools across the State, which significantly
4 impacts the State's environment and finances.

5 The legislature further finds that on-site campus
6 composting programs involving students have been extremely
7 successful in providing a beneficial method of waste diversion.
8 These programs foster learning about scientific principles and
9 social practices while allowing students to take responsibility
10 for the amount of waste generated.

11 The legislature believes that a demonstration of the
12 effectiveness of on-site campus composting allows students to
13 see the relationships between food waste, composting, nutrient
14 cycling, healthy soils, and local food production. This is a
15 natural extension of the legislature's commitment to increasing
16 garden- and farm-based opportunities and is one of five pillars
17 of the department of agriculture's Hawaii farm to school



1 program, established by Act 218, Session Laws of Hawaii 2015.
2 Proper guidance from the departments of health and agriculture
3 regarding campus composting would increase the safety of
4 existing programs while expanding opportunities for new programs
5 in state schools.

6 The legislature finds that developing a statewide model for
7 on-site campus composting provides a way to reach the Aloha+
8 Challenge waste reduction goals, increase local food production,
9 and promote natural resource management.

10 Accordingly, the purpose of this Act is to authorize the
11 department of education to establish composting grant pilot
12 projects in department of education schools to:

- 13 (1) Address opportunities for waste diversion;
- 14 (2) Engage students to learn about different composting
15 methods;
- 16 (3) Develop nutrient-rich soil for school gardens and
17 local agricultural endeavors;
- 18 (4) Decrease the amount of methane-producing waste being
19 dumped in landfills;
- 20 (5) Decrease the overall trash hauling cost to taxpayers;
- 21 and



1 (6) Develop campus composting guidelines in conjunction
2 with department of health rules for system-wide
3 guidance.

4 SECTION 2. (a) The department of education may issue
5 grants to establish composting grant pilot projects in
6 department of education schools pursuant to the recommendation
7 of the composting grant pilot project working group.

8 (b) The department of education may establish the
9 composting grant pilot project working group, and shall invite
10 the following members or their designees to participate in the
11 working group:

12 (1) The superintendent of education;

13 (2) A representative of the department of education,
14 facilities branch;

15 (3) A representative of the department of education,
16 office of curriculum, instruction, and student
17 support;

18 (4) A representative of the department of health,
19 sanitation branch;

20 (5) The Hawaii farm to school coordinator in the
21 department of agriculture;



- 1 (6) The dean of the University of Hawaii at Manoa college
- 2 of tropical agriculture and human resources;
- 3 (7) The president of the Hawaii farm bureau;
- 4 (8) A representative of the Kokua Hawaii Foundation;
- 5 (9) An experienced school composting program leader; and
- 6 (10) A volunteer member of the community.

7 (c) The composting grant pilot project working group
8 shall:

- 9 (1) In conjunction with the department of health, develop
- 10 guidelines and provide oversight for campus
- 11 composting, which shall include leachate monitoring,
- 12 pathogen testing, involvement of community members,
- 13 development of a fire plan, material categorization,
- 14 and volume recording;
- 15 (2) Consider multiple composting and fermentation
- 16 techniques that can be tested and monitored for
- 17 effectiveness in schools of varying sizes, such as
- 18 bokashi for meats, dairy products, and bones;
- 19 vermicomposting for vegetable wastes; hot composting
- 20 for vegetative wastes; and aerated compost tea and
- 21 vermicast tea for soil amendments;



1 (3) Establish networks and relationships with local farms
2 and piggeries that may be able to accept surplus food
3 waste; and

4 (4) Make recommendations to the department of education
5 regarding the issuance of grants to schools pursuant
6 to this section.

7 (d) The composting grant pilot project working group shall
8 elect one of its members to serve as its chair.

9 (e) The composting grant pilot project working group shall
10 be administratively attached to the department of education,
11 which shall provide support staff for the composting grant pilot
12 project working group.

13 (f) Members of the composting grant pilot project working
14 group shall serve without compensation but shall be reimbursed
15 for reasonable expenses, including travel expenses, incurred
16 during the performance of their duties.

17 (g) No member of the composting grant pilot project
18 working group shall be made subject to chapter 84, Hawaii
19 Revised Statutes, solely because of that member's participation
20 on the composting grant pilot project working group.



1 (h) The composting grant pilot project working group shall
2 submit a report to the legislature with its findings and
3 recommendations no later than twenty days prior to the convening
4 of the regular session of 2019 and each regular session
5 thereafter.

6 (i) The department of education shall adopt rules,
7 pursuant to chapter 91, Hawaii Revised Statutes, to implement
8 the composting grant pilot project.

9 (j) The department of agriculture's farm to school
10 program, established by section 141-11, Hawaii Revised Statutes,
11 shall provide oversight of the composting grant pilot project.

12 (k) Any school that is a recipient of a grant issued
13 pursuant to this Act shall pay a portion of the initial
14 operating costs of a composting grant pilot project using either
15 its elective funds or any applicable fundraising proceeds, as
16 prescribed by rules adopted pursuant to subsection (i).

17 SECTION 3. There is appropriated out of the general
18 revenues of the State of Hawaii the sum of \$ or so
19 much thereof as may be necessary for fiscal year 2018-2019 to
20 establish and implement the composting grant pilot project.



1 The sum appropriated shall be expended by the department of
2 education for the purposes of this Act.

3 SECTION 4. This Act shall take effect on July 1, 2050.



Report Title:

Composting; DOE; Resource Recovery; Composting Pilot Project;
Working Group; Appropriation

Description:

Authorizes the Department of Education to issue grants to establish a composting grant pilot project in Department of Education schools. Authorizes a composting grant pilot project working group. Requires report to the Legislature. Appropriates funds. Takes effect on 7/1/2050. (SD1)

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