

GENERAL ASSEMBLY OF NORTH CAROLINA

SESSION 1991

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SENATE BILL 923

Short Title: Compost/Research Demonstration Project.

(Public)

Sponsors: Senator Perdue.

Referred to: Appropriations.

May 13, 1991

A BILL TO BE ENTITLED

1 AN ACT TO APPROPRIATE FUNDS TO CONDUCT A RESEARCH AND
2 DEMONSTRATION PROJECT TO EVALUATE THE USE OF COMPOSTED
3 MUNICIPAL SOLID WASTE IN AGRICULTURAL, HORTICULTURAL, AND
4 SILVICULTURAL OPERATIONS.
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6 The General Assembly of North Carolina enacts:

7 Section 1. (a) The Department of Soil Science in the College of Agriculture and
8 Life Sciences at North Carolina State University shall conduct a three-year research and
9 demonstration project to evaluate the use of composted municipal solid waste to
10 produce a soil condition in agricultural, horticultural, and silvicultural operations.

11 (b) The initial phase of this project shall address:

12 (1) The mineralization rate of various agriculturally valuable components
13 of composted municipal solid waste;

14 (2) The off-site impact of using composted municipal solid waste in
15 agricultural, horticultural, and silvicultural operations, including, but
16 not limited to, the modification of sedimentation rates, the potential for
17 nutrient transport into surface water environments from pipes which
18 receive composted municipal solid waste; and

19 (3) The impact on shallow groundwater quality.

20 (c) The second phase of the project shall address the feasibility and desirability
21 of using composted municipal solid waste in the following applications:

22 (1) For row crop productions in agricultural operations;

23 (2) For reforestation efforts in forestry operations;

24 (3) In nursery operations;

- 1 (4) To enhance the rate of vegetation in mine reclamation;
2 (5) In horticultural operations, urban landscaping, and highway
3 beautification;
4 (6) Any other compost applications that warrant consideration.

5 Sec. 2. The Department of Soil Science in the College of Agriculture and
6 Life Sciences at North Carolina State University shall submit reports to the General
7 Assembly on October 1, 1992, October 1, 1993, and October 1, 1994, on the research
8 and demonstration project under Section 1 of this act. These reports shall include
9 findings, recommendations, and legislative proposals regarding the use of composted
10 municipal solid waste in agricultural, horticultural, and silvicultural operations.

11 Sec. 3. There is appropriated from the General Fund to the Board of
12 Governors of The University of North Carolina for allocation to the Department of Soil
13 Science, College of Agriculture and Life Sciences at North Carolina State University
14 the sum of \$100,000 for the 1991-92 fiscal year and the sum of \$100,000 for the 1992-
15 93 fiscal year to implement the provisions of Section 1 of this act. This appropriation
16 shall be considered a continuation item for the 1993-94 fiscal year.

17 Sec. 4. This act becomes effective July 1, 1991.