

JAN 24 2007

A BILL FOR AN ACT

MAKING AN APPROPRIATION TO THE UNIVERSITY OF HAWAII COLLEGE OF
TROPICAL AGRICULTURE AND HUMAN RESOURCES FOR BIOFUEL
PRODUCTION RESEARCH.

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

1 SECTION 1. The legislature finds that there is
2 considerable interest in producing biofuels in Hawaii to meet
3 alternative energy mandates. Current law requires a ten per
4 cent ethanol content for gasoline. The demand for biofuel
5 production in Hawaii is steadily increasing, which has been the
6 catalyst for the creation of private entities to produce
7 biofuels in this State. However, there is a lack of feedstock
8 in Hawaii to produce biofuels, which means that private entities
9 must import feedstock. Because of the State's remoteness, it is
10 imperative for the State to be energy self-sufficient.
11 Feedstock is necessary to produce biofuels in order to attain
12 energy self-sufficiency.

13 The legislature finds that there are many crops that can
14 grow in tropical environments that may be ideal feedstock for
15 bioenergy production. However, most of these crops have not
16 been evaluated for achievable yields under typical growing



1 conditions and practical management systems. Biofuel production
2 briefings indicate a need for thorough assessments of potential
3 biofuel feedstocks, development of high-yielding feedstock, and
4 pre-commercial scale testing of high-potential feedstocks to
5 ascertain production costs and yields. This type of information
6 is needed to reduce the risk and increase the probability of
7 success of commercial biofuel production in Hawai'i.

8 The legislature finds that there is a potential for
9 environmental and community impacts of large-scale production of
10 biofuel feedstocks. Impacts on land, water, air, labor force,
11 schools, community demographics, and other environmental or
12 community issues must also be assessed before moving ahead on
13 these projects.

14 The University of Hawaii college of tropical agriculture
15 and human resources is engaged in several areas of biofuels
16 production and processing, and has programs in natural resources
17 and environmental management, family resources and extensive
18 demographic information at the center on the family data center.
19 The University of Hawaii college of tropical agriculture and
20 human resources has the knowledge, expertise, and experience to
21 assist the State to become energy self-sufficient through the
22 use of biofuels.



1 The purpose of this Act is to make an appropriation to the
2 University of Hawaii college of tropical agriculture and human
3 resources to develop and implement a long range plan to assess
4 potential biofuel feedstocks, and their economic, environmental,
5 and community impacts.

6 SECTION 2. There is appropriated out of the general
7 revenues of the State of Hawaii the sum of \$450,000, or so much
8 thereof as may be necessary for fiscal year 2007-2008, and the
9 same sum, or so much thereof as may be necessary for fiscal year
10 2008-2009, for the University of Hawaii college of tropical
11 agriculture and human resources to develop and implement a long
12 range plan to assess potential feedstocks, and their economic,
13 environmental, and community impacts; provided that the college
14 of tropical agriculture and human resource shall submit a report
15 to the legislature on findings and recommendations, as follows:

- 16 (1) A preliminary report no later than twenty days prior
17 to the convening of the regular session of 2008; and
18 (2) A draft final report no later than twenty days prior
19 to the convening of the regular session of 2009; and
20 (3) A final report no later than October 1, 2009.



1 The sums appropriated shall be expended by the University
2 of Hawaii college of tropical agriculture and human resources
3 for the purposes of this Act.

4 SECTION 3. This Act shall take effect on July 1, 2007.

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INTRODUCED BY: *Buneees. Koh*



Report Title:

Biofuels Production

Description:

Makes an appropriation for biofuels feedstock research.

