

JAN 23 2009

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# A BILL FOR AN ACT

RELATING TO BIODIESEL FEEDSTOCK.

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

1           SECTION 1. The Hawaii biotech tissue culture center,  
2 established by the Hawaii county economic opportunity council,  
3 is a large-scale laboratory dedicated to the mass production of  
4 high-quality plantlet clones for use by commercial agriculture,  
5 which benefits Hawaii county and the world's need for clean  
6 renewable energy.

7           After four years of operation, Hawaii biotech tissue  
8 culture center has a proven record in advanced tissue culture of  
9 various agricultural commodities, including research and  
10 development of superior high-yielding clones of jatropha curcas,  
11 a renewable source that yields the most oil per acre at the  
12 lowest production cost. Jatropha curcas is a plant that grows  
13 on marginal nonagricultural land, has the lowest water and  
14 fertilization demands, and does not displace food crops.  
15 Jatropha curcas produces oil that burns clean with virtually no  
16 sulfur emissions. Currently, hundreds of thousands of acres of  
17 jatropha curcas are planted worldwide with millions planned for



1 the near future to replace fossil fuels, including aviation  
2 fuel.

3 The Hawaii biotech tissue culture center requires funding  
4 to complete research and development to move into mass tissue  
5 culture propagation, and to expand its present laboratory.

6 SECTION 2. There is appropriated out of the general  
7 revenues of the State of Hawaii the sum of \$3,000,000 for fiscal  
8 year 2009-2010, or so much thereof as may be necessary, as a  
9 grant and subsidy under chapter 42F, Hawaii Revised Statutes, to  
10 the Hawaii county economic opportunity council, as follows:

- 11 (1) \$1,800,000 for operational expenses for the Hawaii  
12 biotech tissue culture center to the end of the first  
13 cycle of mass propagation and point of sale to mass  
14 produce non-genetically-modified organism, superior,  
15 high yielding jatropha curcas biodiesel feedstock; and  
16 (2) \$1,200,000 to expand the existing 8,500 square foot  
17 laboratory to 25,000 square feet to significantly  
18 raise production from an estimated 2.2 plantlets per  
19 year to 20,000,000 plantlets per year over a  
20 three-year period.




1           The sum appropriated shall be expended by the department of  
2 business, economic development, and tourism for the purposes of  
3 this Act.

4           SECTION 3. This Act shall take effect on July 1, 2009.

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INTRODUCED BY:

  
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**By Request**



**Report Title:**

Renewable Energy; Biodiesel Feedstock; Appropriations

**Description:**

Appropriation for Hawaii county economic opportunity council for operation of laboratory and research farm expansion for the Hawaii biotech tissue culture center to mass produce biodiesel feedstock.

