

Honolulu, Hawaii

FEB 15 2019

RE: S.B. No. 1436
S.D. 1

Honorable Ronald D. Kouchi
President of the Senate
Thirtieth State Legislature
Regular Session of 2019
State of Hawaii

Sir:

Your Committees on Agriculture and Environment and
Technology, to which was referred S.B. No. 1436 entitled:

"A BILL FOR AN ACT RELATING TO AGRICULTURE,"

beg leave to report as follows:

The purpose and intent of this measure is to:

- (1) Require the Department of Agriculture to conduct a study on the feasibility of authorizing the Department to establish and designate ag-tech zones within the City and County of Honolulu, specifically the Kalihi-Palama, Kaka'ako, Moanalua, and Waianae coast areas; and
- (2) Appropriate funds for the feasibility study.

Your Committees received testimony in support of this measure from the University of Hawaii College of Tropical Agriculture and Human Resources, Hawai'i Center for Food Safety, O'ahu County Committee on Legislative Priorities of the Democratic Party of Hawai'i, MetroGrow Hawaii, Hawaii Farmers Union, and three individuals. Your Committees received comments on this measure from the Department of Agriculture.

Your Committees find that agricultural technology, or ag-tech, is the application of techniques to control the growth and harvesting of vegetable products. Ag-tech includes but is not



limited to the use of robotics, indoor farming techniques, and vertical farming. Your Committees further find that farming in a closed and controlled environment to grow produce in vertically stacked layers reduces the need for space, pesticides, and water to grow food.

Your Committees additionally find that the State must explore more effective and environmentally responsible ways to increase food production to feed its residents. Ag-tech should be at the forefront of the effort to revitalize the agricultural sector of the State and develop that industry's potential to be a major contributor to state revenue.

Your Committees have amended this measure by:

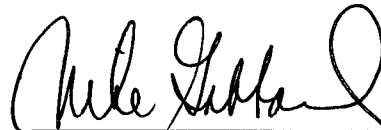
- (1) Inserting an appropriation amount of \$50,000 for each fiscal year; and
- (2) Making technical, nonsubstantive amendments for the purposes of clarity and consistency.

As affirmed by the records of votes of the members of your Committees on Agriculture and Environment and Technology that are attached to this report, your Committees are in accord with the intent and purpose of S.B. No. 1436, as amended herein, and recommend that it pass Second Reading in the form attached hereto as S.B. No. 1436, S.D. 1, and be referred to your Committee on Ways and Means.

Respectfully submitted on
behalf of the members of the
Committees on Agriculture and
Environment and Technology,



JARRETT KEOHOKALOLE, Chair

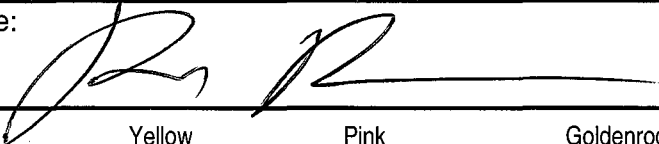


MIKE GABBARD, Chair



The Senate
Thirtieth Legislature
State of Hawai'i

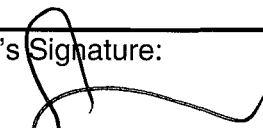
Record of Votes
Committee on Agriculture and Environment
AEN

Bill / Resolution No.:*	Committee Referral:	Date:		
SB 1436	AEN/TEC, WAM	2-08-19		
<input type="checkbox"/> The Committee is reconsidering its previous decision on this measure. If so, then the previous decision was to: _____				
The Recommendation is:				
<input type="checkbox"/> Pass, unamended 2312 <input checked="" type="checkbox"/> Pass, with amendments 2311 <input type="checkbox"/> Hold 2310 <input type="checkbox"/> Recommit 2313				
Members	Aye	Aye (WR)	Nay	Excused
GABBARD, Mike (C)	X			
RUDERMAN, Russell E. (VC)	X			
RHOADS, Karl	X			
THIELEN, Laura H.	X			
FEVELLA, Kurt	X			X
TOTAL	4	0	0	1
Recommendation: <input checked="" type="checkbox"/> Adopted <input type="checkbox"/> Not Adopted				
Chair's or Designee's Signature: 				
Distribution: Original Yellow Pink Goldenrod File with Committee Report Clerk's Office Drafting Agency Committee File Copy				

*Only one measure per Record of Votes

The Senate
Thirtieth Legislature
State of Hawai'i

Record of Votes
Committee on Technology
TEC

Bill / Resolution No.:* SB 1430	Committee Referral: AEN/TEC, WAM	Date: 02/08/2019		
<input type="checkbox"/> The Committee is reconsidering its previous decision on this measure. If so, then the previous decision was to: _____				
The Recommendation is: <input type="checkbox"/> Pass, unamended 2312 <input checked="" type="checkbox"/> Pass, with amendments 2311 <input type="checkbox"/> Hold 2310 <input type="checkbox"/> Recommit 2313				
Members	Aye	Aye (WR)	Nay	Excused
KEOHOKALOLE, Jarrett (C)	✓			
ENGLISH, J. Kalani (VC)				✓
MORIWAKI, Sharon Y.	✓			
WAKAI, Glenn	✓			✓
FEVELLA, Kurt				✓
TOTAL	3			2
Recommendation: <input checked="" type="checkbox"/> Adopted <input type="checkbox"/> Not Adopted				
Chair's or Designee's Signature: 				
Distribution: Original Yellow Pink Goldenrod File with Committee Report Clerk's Office Drafting Agency Committee File Copy				

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