

CALIFORNIA CITRUS NURSERY BOARD

Research Committee

Minutes of Meeting

December 11, 2015

Exeter, CA

A meeting of the California Citrus Nursery Board's Research Committee was called to order by Committee Chairman Don Dillon at 11:30 a.m. on Friday, December 11, 2015. Roll was taken showing a quorum was not present with the following in attendance:

Members

Tom Delfino

Don Dillon

Staff

John Gilstrap, Manager

Austin Hurtado, Monfort Management

Guests

Beth Grafton-Cardwell, UCR Entomology/LREC

Manjuath Keremane, ARS-USDA

Heiner Lieth, UC Davis

Marc Morgues, UCR-BPSC

Jose Ocampo, Four Winds

Chandrika Ramadugu, UCR

Mike Roose, UCR-BPSC

Georgios Vidalakis, CCPP-UCR

Research Proposals

The Committee heard reports from all of the active projects in 2015, and was presented proposals for 2016. All reports and proposals are available at the Board office. A list of the projects identifying 2015 funding and requests for 2016 was distributed (Exhibit A). The Board did not seek any new projects for 2016 since so many projects were expected to be continued.

Vidalakis gave a year-end report for Pagliaccia who was unable to attend, regarding her work on diagnosis of Citrus Stubborn Disease. Vidalakis reported that work on the project would continue for a couple of months and should end up with a reliable diagnostic tool.

Vidalakis then reported on his Pest Cleanliness Program saying that viroid rates are dropping due to the combination of nurseries moving inside, and more samples being tested.

Vidalakis then made his request for the Board to continue to contribute to the funding of a Staff Research Assistant at Lindcove. The requested support in the amount of \$52,096 will pay 50% of the cost (salary and benefits) of the position. Vidalakis listed several projects which would not have been possible if this position was not funded including, a heating system for the greenhouses and the design of the tags for foundation trees.

Lieth then reviewed his project concerning Citrus Nursery Production in Screened Houses and provided a written report to the Committee. Lieth reported to the Committee that his project was slowed during the year by a problem with consistent labor, and explained that his proposal for 2016 is for nearly \$10,000 less than the previous year because he had money left over which was still available to use, if the Board decides to continue. Lieth mentioned that he is always open to guidance from the Board since the majority of his research has been in ornamental horticulture and not specifically citrus.

Osman reviewed the project she shares with Vidalakis titled: Implementation and Streamlining of the Newly Developed High Throughput Diagnostic System of Citrus Nurseries Registration. Dillon asked if the CCPP lab would eventually be accredited since CDFA required that certain testing must be done by accredited labs. Vidalakis explained that as of now, CCPP is not planning on becoming an accredited lab because he has the opinion that most scientists think accreditation is a difficult process and difficult to maintain, and does not accomplish anything. The Vidalakis/Osman request for 2016 is just \$1,000 more than the 2015 funding level.

Keremane gave the presentation for the project lead by Ramadugu titled: Development of Rapid, Field-Deployable Diagnostic Assays for Detection of all Species of HLB associated Liberibacters. The funding request for 2016 for \$26,000 is unchanged from 2015.

Greg McCollum was unable to be present to explain his proposal (Early Detection of HLB Following Infestation with ACP) and the situation which occurred in 2015, so Gilstrap explained it to the Board. The McCollum proposal was originally proposed and approved for 2015 by Richard Lee, who then retired. The retirement of Lee set off a series of misunderstandings which caused the project to stall. Lee was based in California and McCollum is based in Florida, and to further complicate things, the ARS office which manages the contracts for McCollum is in Georgia. So essentially no work was done in 2015 and no money was paid from the Board. McCollum's 2016 proposal indicates that the work could be continued on the project starting at the point where it should have started at the beginning of 2015. Keremane and Ramadugu who are also associated with the project confirmed the project is still viable to continue with year two of three with year one taking place in 2014.

Beth Grafton-Cardwell gave a brief report on her ongoing Tristeza Indexing project and requested 2016 funding of \$12,301 which is a slight increase over the \$11,717 provided by the Board in 2015.

Finacial Report

Gilstrap reviewed a potential budget with the committee (Exhibit B) and explained the Board should be able to fund the entire slate of projects if they wished to do so.

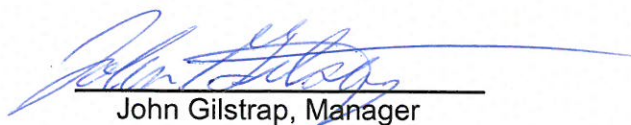
Committee Recommendations

Since a quorum was not present, the Committee could not vote to make a recommendation for research funding to the Board.

There being no further business, the meeting was adjourned at 3:50 p.m.

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I, John Gilstrap, Manager of the California Citrus Nursery Board, do hereby certify that to the best of my knowledge, the foregoing is a true and correct copy of the minutes of a meeting of the Citrus Nursery Board's Research Committee held on December 11, 2015 at the Lindcove Research Center in Exeter, CA.



John Gilstrap, Manager

CALIFORNIA CITRUS NURSERY BOARD

2016 Research Proposals



CONTINUING PROJECTS					
Researcher	Project Title	2015 Funding	2016 Request	2016 Recommended	
Grafton-Cardwell	Tristeza Indexing (ongoing)	11,717	12,301		
Lee/McCollum	Early Detection of HLB Following Infestation with ACP (year 2 of 3)	*37,400	**37,400		
Lieth	Optimization of Citrus Nursery Production in Screened Houses (year 2 of 3)	32,000	22,037		
Pagliaccia	Advancing and Elucidating the Diagnosis of Citrus Stubborn... (year 2 of 2)	8,700	NA	NA	
Vidalakis, Osman	Implementation of High Throughput Diagnostic System (year 2 of 3)	87,306	88,305		
Ramadugu	Development of Rapid, Field-Deployable Diagnostic Assays for the Detection... (3 yrs)	26,000	26,000		
Vidalakis	Citrus Nursery Stock Pest Cleanliness Program- Annual Research... (ongoing)	21,250	25,965		
	SUBTOTAL	224,373	212,008		

Vidalakis has also requested funding for a SRA at Lindcove in the amount of \$52,096 (acct #511)

*None of this amount has been paid and work on the project is apparently in limbo. Actual 2015 expense will be \$186,973

**This represents the amount originally approved by the Board, none of which has been paid.

CALIFORNIA CITRUS NURSERY BOARD
2016 Budget Worksheet

<i>Acct Code</i>	<i>Estimated Income</i>	<i>Estimated Final</i>	<i>Potential Budget</i>	<i>Preliminary Budget</i>
		<i>2015</i>	<i>2016</i>	<i>2016</i>
	Carryover Funds	\$490,247	\$538,000	
	Current Year Interest	2,050	2,000	
	Assessments			
	15 \$35,850,000 @ 1%	353,500		
	16 \$36,500,000 @ 1%		365,000	
	TOTAL ESTIMATED INCOME	\$845,797	\$905,000	
	<i>Estimated Expenditures</i>	<i>Operating Expenses</i>		
305	Management Services	34,800	36,540	
315	Audits	2,875	3,000	
320	Office Supplies	603	600	
330	Telephone	629	600	
335	Postage	202	300	
345	Dues & Subscriptions	-0-	200	
355	Travel & Mileage	500	2,000	
360	Meetings	900	3,000	
365	Annual Report	100	100	
370	Insurance & Bonds	450	500	
390	Miscellaneous	-0-	200	
392	Website	1,425	1,625	
403	Education	16,169	25,000	
510	Research	186,973	221,971	
511	Disease Testing/Staff Research Asst.	47,262	52,096	
513	Research Reserve	-0-	10,000	
	TOTAL OPERATING EXPENSE	\$292,888	\$357,732	
		<i>Departmental Charges</i>		
710	Marketing Branch Charges	15,000	15,000	
	TOTAL EST. EXPENDITURES	\$307,888	\$372,732	
	Carryover Funds	537,909	532,268	
	TOTAL EXPENSES & RESERVE	\$845,797	\$905,000	