

# **Fruit Tree, Nut Tree and Grapevine Improvement Advisory Board**

Meeting Minutes

May 8, 2014

Buehler Alumni Center, Founder Board Room - UC, Davis

## Members

Nicholas Podsakoff - Chair  
Chuck Fleck - Vice Chair  
David Cox  
Alex Brody  
Cliff Beumel  
Ray Tonella  
Benjamin Kaesekamp  
Tom Burchell  
Mike Farris  
Ernest Bowman  
Andrew Jones

## Guests

Deborah Golino  
Carole Lamb  
Jim Wells  
Bob Klein  
Dan Flynn  
Greg Clark  
Tia Russell

## CDFA Staff

Sean Dayyani - Manager  
Joshua Kress  
Phuong Lao  
Duane Schnabel

## **Fruit Tree and Grapevine Sub-Committees Meeting**

Fruit Tree and Grapevine Sub-Committees met at 9:10 a.m. to discuss the respective research fundings in prior to the IAB budget approval for FY 2014-15.

## **Call to order**

Nicholas Podsakoff called the meeting to order at 10:20 a.m., followed by self-introductions.

## **Meeting Minutes – November 21, 2013 and April 10, 2014**

The meeting minutes from November 21, 2013 and April 10, 2014 were unanimously approved by the committee members.

## **FPS Budget Updates**

Deborah Golino reported that NCPN call-for-proposals did go out to USDA. Dead line for applications to USDA is May 23, 2014 for evaluations. The NCPN manager at APHIS expects that decisions are to be made by mid-July and awards in place by the end of July. She continued that with the help of Ted Dejong and recommendation of Plum Commodity Board, the FPS is planning to hold a Plum Pox seminar in September of 2014. She requested a budget of \$5,000 for the meeting expenses and financial support.

## **Monoclonal Antibodies for Red Blotch, Leafroll**

Adib Rowhani's Red Blotch Monoclonal Antibodies will be available to FPS and CDFA Labs in Spring of 2015. Dr. Golino added that the Gilbertson's field diagnostic kit is more of a commercial value and product; and therefore, in her opinion she does not see overlaps between these two products.

## **Olive Update**

Dan Flynn presented that the industry is currently facing issues such as olive fly and olive knot disease. He added some of the ongoing researches include the use of Danitol, and other alternatives to Copper for olive knot. This disease is caused by bacteria *Pseudomonas savastanoi pv. savastanoi* forming galls on twigs or branches at the wounds. The bacteria live in the galls and ooze out in wet weather; they also live on the surface of leaves. Other studies include improving mechanical harvesting methods to minimize damage to trees and

their trunks. Dan also reported that the Olive Oil Commission has been established and went in to effect in January 1, 2014. The Commission, which only applies to growers producing a minimum of 5,000 gallons (10 acres or more), is to look into researches and to recommend quality and grade standard to the Secretary of CDFA. The Board is comprised of six growers, three handlers, and one public member. The Commission will levy up to 25 cents for each gallon of oil being sold to fund product marketing and needed researches.

### **Pistachio Presentation**

Bob Klein with California Pistachio Research Board (CPRB ) presented that the California pistachio industry harvested 1.5 million pounds from 4,350 acres at its first commercial crop in 1976. In comparison, California has now plantings in excess of 300,000 with a prospect of doubling in acreage within the next 35 years. The State is the second largest producer of pistachios in the world, subsequently the industry realizes that with the increase in pistachios there will be a need for pistachios clean plant program. Mandatory assessments paid by pistachio producers are used to fund research on pistachio propagation, production, harvesting, handling and preparation for market as well as provide educational opportunities and materials for pistachio growers. The CPRB has also established an advisory committee of people associated with the pistachio industry.

### **Assessment Collection Update 2013-14 (attachment No.1)**

Phuong Lao reported that an additional \$868,094 assessment was collected since April 9th meeting. She added this brings the total assessment collected to \$2,070,507 (Fruit Tree \$674,187; Nut Tree \$347,828; Olive \$12,755; Grapevine \$1,035,737). An additional \$36,000 was projected to be collected later this year.

### **FPS Proposed Budget for 2014-15 (attachment No. 2)**

Deborah requested a total of \$861,297 for FPS budget year 2014-15. The Board funded the requested budget for \$596,685, including \$5,000 funding for FPS Plum Pox International Meeting @ UC Davis.

### **Approval of IAB Budget for FY 2014-15 (attachments No. 3 & No. 4)**

In reference to the IAB proposal summary and Budget sheets, the Board approved the following research proposals, and the personnel & operating expenses for fiscal year 2014-15:

The Fruit and Nut Tree Research Proposals were partially funded for a total of \$118,145;

The Grapevine Research Proposals were partially funded for a total of \$289,868;

The Service Contract for FPS was partially funded for a total of \$596,685 (including \$5,000 in support of FPS international Plum Pox meeting);

The Washington State University (FTQP/NCPN) was funded for \$30,000;

The Professional Services - Environmental Solutions' budget was approved for \$20,000

The CDFA's R&C Testing Budget was approved for \$261,970; and

The Personnel & Operating Expenses (including staff salary & benefits, intradepartmental charges, Pro Rata, Audit, Lab Supplies and Equipment) were funded for \$422,990.

Mike Farris **moved** to approve the IAB budget for FY 2014-15 for a total amount of \$1,739,658. Chuck Fleck seconded the motion, and the Board unanimously approved the budget.

### **Preapproval for Proposed IAB Budget FY 2015-16**

In reference to the FY 2014-15 approved budget, Dave Cox **motioned** to approve the amount of \$1,739,658 for FY 2015-16 budget projection; Ernie Bowman seconded the motion, and the Board unanimously approved the projected budget.

### **Methyl Bromide CUE Update - Jim Wells**

Jim Wells on the status of CUE application reported that the EPA refused request for 2016 and supplemental for 2015. EPA's determination states that "Growers can use a combination of methyl bromide for quarantine situations and 1,3-D plus chloropicrin for non-quarantine situations to meet certification requirements." He

added that despite answering all of their questions and providing soil maps and expert opinion from Dr. Mike McHenry, EPA fell back on its previous opinion forcing nurseries to rely on QPS exemption. Jim added that many parties and the TEAP (Technical & Economic Assessment Panel) are trying to get more control over the QPS exemption, in particular for preplant soil use. Under QPS the stock must be certified to move from the county of origin to another county for planting in production fields, or to another state or country. Jim added under the current circumstances, pursuing QPS option is in Industry's best interest.

**New Board Members Update**

Ernest Bowman, Cliff Buemel, David Cox, Benjamin Kaesekamp, and Ray Tonella were nominated and recommended to the Secretary as new board members with starting term in January of 2014. Alex Brody and Chuck fleck will term out in December of 2015.

**Other Business**

None

**Next Meeting**

The next meeting is scheduled at UC Davis for November 6, 2014.

**Adjourn**

The meeting was adjourned at 2:00 p.m.

Sean Dayyani,  
IAB Manager

Attachments

Approved by Improvement Advisory Board on November 6, 2014



### FPS 2014-15 Proposed IAB Budget Summary Table

BUDGET ITEM	BASE PROGRAM	SUPPLEMENT TO BASE PROGRAM	TREE	GRAPE	TOTAL	Approved
1. Support to the FPS tree program for 2014-15.	✓		276,308		\$276,308	\$276,308
2. FPS Director salary & benefits (40%).	✓		48,224	48,224	\$96,448	\$96,448
3. ELISA testing of 2/3 of the orchard for PNRSV and PDV.	✓		25,472		\$25,472	\$13,000
4. PCR Testing Classic Foundation vines for 6 viruses.	✓			95,460	\$95,460	\$0
5. ELISA test 1/5 of the Foundation for Grapevine Fanleaf Virus, Tomatoe Ringspot Virus, Fleck and Arabis Mosaic Virus.	✓			71,680	\$71,680	\$0
6. Methyl bromide fumigate the grape index.	✓			16,200	\$16,200	\$16,200
7. Support for ampelographic services.	✓			5,000	\$5,000	\$5,000
8. Support for tree ID work.	✓		5,000		\$5,000	\$5,000
9. Complete Redblotch testing of Classic Foundation Vineyard		✓		80,000	\$80,000	\$0
10. Micro satellite analysis of grapevine.		✓		20,000	\$20,000	\$20,000
11. Micro satellite analysis of orchard.		✓	20,000		\$20,000	\$10,000
12. Tissue Culture virus elimination for grapes.		✓		64,940	\$64,940	\$64,940
13. Monoclonal antibodies for Red Blotch, Leafroll 1,2,3.		✓		84,789	\$84,789	\$84,789
14. Plum Pox Meeting			5,000			\$5,000
<b>TOTAL FUNDS REQUESTED</b>	\$591,568	\$269,729	\$375,004	\$486,293	\$861,297	<b>\$596,685</b>

## IAB Proposals FY 2014/15

Item	P/I	Program	Amount Requested	Amount Approved
<b>Fruit and Nut Tree Research Proposals</b>				
1	Eastwell	Adapting New Technology to Facilities Virus Testing of Fruit Trees	\$23,800	\$23,800
2	Bostock/ Gordon	Etiology and Management of Cryptic Canker Pathogens in Cold-stored Bare Root and Containers Propagated Stone Fruit Seedlings	\$30,000	\$30,000
3	Gradziel	DNA Methylation as a Diagnostic Marker for Clonal Ageing and Non-infectious Bud-failure (BF) in Almond	\$12,320	\$12,320
4	Leslie/Hackett	Cold Storage of Clonal Rootstock Liners and Graft Wood Stock Plant Manipulation to Facilitate Production of Grafted Walnut Trees In One Year	\$17,025	\$17,025
5	Kluepfel	Anaerobic Soil Disinfestation Against Soilborne Phytopathogenic Agents	\$49,500	\$35,000
<b>Tree Research Subtotal</b>			<b>\$132,645</b>	<b>\$118,145</b>
<b>Grapevine Research Proposals</b>				
6	Sudarshana	Evaluation of Phloem-feeding Hemipteran Insects in the Spread of Grapevine Red Blotch -Associated Virus	\$64,841	\$40,000
7	Rowhani	Study the Lethal Effect of the Mixed Infection of Vitiviruses and Leafroll Associated Viruses on Selected Grapevine Rootstocks	\$39,329	\$20,000
8	Rowhani	Development and Application of Next Generation Sequencing to Facilitate the Release of New Grapevine Accessions in Quarantine and Certification Programs.	\$110,047	\$35,047
9	Rowhani	Study of the Effects of Red Blotch Disease on Different Grapevine Rootstocks and Different <i>Vitis vinifera</i> Plants.	\$54,821	\$54,821
10	Ferris/Walker	Search for, and Development of Nematode Resistance in Grape Rootstocks.	\$83,262	\$40,000
11	Walker	Development of Next Generation Rootstocks for California Vineyards	\$50,000	\$50,000
12	Almeida	Ecology of Leafroll Disease	\$47,670	\$30,000
13	McRoberts	Sampling Plans and In-Field Diagnostics to Help Remove Red Blotch Associated Virus From the Grape Vine Value Chain	\$58,140	\$20,000
<b>Grapevine Research Subtotal</b>			<b>\$508,110</b>	<b>\$289,868</b>
<b>Research Total</b>			<b>\$640,755</b>	<b>\$408,013</b>
<b>Service Contracts</b>				
14	Golino	Support to Foundation Plant Services	\$861,297	\$596,685
15	Eastwell	Heat Therapy and Indexing of Stone and Pome Fruit Cultivars	\$30,000	\$30,000
<b>Subtotal</b>			<b>\$891,297</b>	<b>\$626,685</b>
<b>Professional Services</b>				
16	Wells	Methyl Bromide CUE	\$21,990	\$20,000
<b>CDFA</b>				
17	Dayyani	Testing Charges	\$261,970	\$261,970
<b>TOTAL</b>			<b>\$1,816,012</b>	<b>\$1,316,668</b>

California Fruit Tree, Nut Tree and Grapevine  
Improvement Advisory Board  
May 8, 2014  
Budget Meeting

	FY 2013/14	FY 2013/14		FY 2014/15
	Budget <sup>1</sup>	Projected <sup>2</sup>	Difference	Proposed Budget
<b>Personnel Services</b>				
Permanent Salary (100% of YPZhang, 40% S Dayyani)	\$110,214	\$112,153	\$1,939	\$118,878
Temporary Salary	\$60,000	\$67,348	\$7,348	\$67,348
Staff Benefits (Includes Unemployment Insurance)	\$78,000	\$74,122	-\$3,878	\$77,828
<b>Total Personnel Services</b>	<b>\$248,214</b>	<b>\$253,623</b>	<b>\$5,409</b>	<b>\$264,055</b>
<b>Operating Expenses</b>				
General Expenses and Supplies	\$1,000	\$1,558	\$558	\$1,500
Communications	\$500	\$150	-\$350	\$500
Postage	\$1,000	\$260	-\$740	\$1,000
Travel In-State	\$2,000	\$0	-\$2,000	\$2,000
Travel Out-of-State	\$3,000	\$0	-\$3,000	\$3,000
Training	\$1,000	\$0	-\$1,000	\$1,000
Facilities Operations	\$3,000	\$0	-\$3,000	\$3,000
Consulting and Professional Services (MeBr CUE)	\$21,990	\$29,748	\$7,758	\$20,000
Intradepartmental Charges	\$24,743	\$47,271	\$22,528	\$47,000
Includes Division Costs, Executive/Administration, IT				
Audits	\$10,000	\$0	-\$10,000	\$10,000
R&C: Testing Charges	\$261,970	\$257,881	-\$4,089	\$261,970
Indirect State Administrative Costs (Pro Rata)	\$45,683	\$46,351	\$668	\$59,935
FPS	\$782,425	\$782,425	\$0	\$596,685
Fruit Tree Qualification Program (FTQP)	\$30,000	\$30,000	\$0	\$30,000
Laboratory Supplies & Equipment	\$30,000	\$30,000	\$0	\$30,000 <sup>3</sup>
Research Contracts	\$328,100	\$328,100	\$0	\$408,013
<b>Total Operating Expenses &amp; Equipment</b>	<b>\$1,546,411</b>	<b>\$1,553,744</b>	<b>\$7,333</b>	<b>\$1,475,603</b>
<b>Total Personnel Services and Operating Expenses</b>	<b>\$1,794,625</b>	<b>\$1,807,367</b>	<b>\$12,742</b>	<b>\$1,739,658</b>

<sup>1</sup>Budget recommended by IAB 5/8/14

<sup>2</sup>Based on mid-year budget projections

<sup>3</sup>Includes lab supplies for GFLV, ToRSV and GLRaV