

CITRUS RESEARCH AND DEVELOPMENT FOUNDATION, INC.
Minutes of the
Commercial Product Delivery Committee Meeting
June 12, 2015

A meeting of the Commercial Product Delivery Committee of the Citrus Research and Development Foundation, Inc. was held on Friday, June 12, 2015 at the Grove House in Lake Wales, Florida. The meeting was properly noticed and recorded. The meeting was called to order at 9:30 am by Chairman Ben McLean. Roll was called and a quorum was present. Committee members participating were: Dr. Timothy L. Anglea; Mr. Larry Black; Mr. Joe L. Davis, Jr.; Dr. Mary Duryea (telephone); Mr. David Howard; Mr. Ben McLean; Mr. Peter McClure (telephone); Mr. Jerry Newlin; Mr. Andy Rackley, (telephone); Mr. Tom Stopyra; and Mr. Hugh Thompson. Committee members Mr. Ricke Kress and Ms. Shannon Shepp did not participate. Also participating were: Dr. Harold Browning; Dr. Jim Dukowitz; Dr. Stephanie Slinski; Dr. Jim Syvertsen; and Dr. Tom Turpen (telephone).

Also in attendance were: Ms. Brandi Goller; Ms. Audrey Nowicki; Mr. Brandon Page; and Dr. Michael Rogers.

Mr. Black moved to accept the minutes of the May 19, 2015 meeting. The motion was seconded by Mr. Newlin and passed unanimously.

Dr. Browning summarized the status of current funding including CRDF projects and the federal MAC and NIFA approved projects. He summarized the four topics outlined in the current NIFA call for proposals, noting pre-proposals from other areas of citrus research will also be accepted. If NIFA proposals for the rootstocks or any of the projects being considered for funding by CRDF at this time are funded, the Foundation contracts will be reviewed to manage potential duplication.

Prior to discussion of the proposals, a Chair and Vice Chair were named for the coming year; Mr. Newlin suggested the same individuals that served this past year. Mr. McLean named Mr. Black; he declined. Mr. Newlin made a motion to retain Mr. McLean as Chairman and Mr. Howard as Vice Chair. The motion was seconded by Mr. Davis, and passed unanimously.

The 2015 CPD Proposals initially recommended for consideration at the previous meeting were ranked by priority for funding by the committee. This included discussion and clarification of details of individual proposals as they were ranked. The three AgroSource, Inc. proposals for continued funding were moved to top priority.

Mr. Black moved to request a two-year budget on proposal #15-34C-Roberts to be synchronous with the other PCR project proposed for funding. The motion was seconded by Mr. Davis and passed unanimously.

Mr. Davis moved to limit the funding of #15-045C-Zale to one year if the project receives funding. The motion was seconded by Mr. Black and passed unanimously.

Mr. Davis made a motion to move #15-039C-Stover up and #15-033C-Orbovic down in priority. Seconded by Mr. Black, the motion passed unanimously.

Mr. Davis made a motion not to fund #15-029C-Baldwin, #15-041C-Wang, and #15-047C-Cameron. Mr. Black seconded the motion and it passed unanimously.

Mr. Davis made a motion to fund the CPD proposals as follows: Continuation funding of three AgroSource projects, #936C, #937C, and #938C-Richardson, followed in priority by eight identified Service/Support proposals, #15-035C-Rogers, #15-036C-Rogers, #15-038C Stelinski, #15-030C-Rogers, #15-032C-Irey, #15-034-Roberts, #15-040C-Triplett, and #15-043C-Wang, followed by proposals #15-037C-Santra and #15-031C-Etxeberria, then the last four Service/Support transgenics proposals: #15-016-Hall, #15-039C-Stover, #15-033C-Orbovic, and #15-045C-Zale. The motion was seconded by Mr. Newlin and passed unanimously.

Suggestions were made that the CPD proposals have priority over the research proposals should adequate funding not be available to cover all proposals.

CPD ANNUAL WORK PLANS – Dr. Browning presented the CPD topics for Work Plans, re-organized from 16 topics last year to 8 covering pathogen, vector and host targets for intervention requiring active project management, proposed corporate partnership strategy to bring projects to solution, and additional topics currently being monitored that require minimal management.

The discussion moved to work plans associated with *CLas* Pathogen Intervention.

Dr. Slinski reviewed the Work Plan for Bactericide Strategies, Delivery and Field Testing. Mr. Davis moved to approve the FY 2015-16 CPD Work Plans on the Bactericide work plan as presented. The motion was seconded by Mr. Newlin and passed unanimously.

Dr. Syvertsen outlined the goals of the Thermal Therapy Work Plan. Mr. Davis moved to approve the FY 2015-16 Work Plan on Thermal Therapy. The motion was seconded by Mr. Stopyra and passed unanimously.

The discussion moved to work plans associated with ACP Vector Intervention.

Dr. Browning reviewed the Work Plan for psyllid management and CHMAs. Mr. Davis moved to approve the FY 2015-16 Work Plan for ACP Vector Intervention, for the ACP management and CHMA's. The motion was seconded by Mr. Black and passed unanimously.

Dr. Dukowitz reviewed the Work Plan for RNAi molecules and psyllid shield projects, noting the projects are near the state that requires partnering. Mr. Howard moved to approve the FY 2015-16 Work Plan on RNAi for ACP suppression. The motion was seconded by Mr. Stopyra and passed unanimously.

The discussion moved to work plans associated with Citrus Host Intervention.

Dr. Syvertsen reviewed the natural-occurring microbial work plan elements and goals. Mr. Davis moved to approve the FY 2015-16 Work Plan 3a, Naturally-occurring microbial product interactions. The motion was seconded by Mr. Howard and passed unanimously.

Dr. Syvertsen summarized the Plant Growth Regulator field trial evaluations and work plan. Mr. Davis moved to approve the FY 2015-16 Work Plan 3b, Plant growth regulator interactions with HLB. The motion was seconded by Dr. Anglea and passed unanimously.

Dr. Syvertsen reported that two tolerant rootstock trials at the Southwest and Ridge sites were planted in March and April, with the third site to be planted in the spring on the Ridge under Phase I. A full-time rootstock Project Manager is planned, as well as a Knowledge Mapping session on tolerant rootstocks this fall, which will provide further guidelines. The Work Plan includes tracking and evaluating the rootstock and scion genotypes for resistance, Phase II trials and communication to the industry. Mr. Stopyra moved to approve the FY 2015-16 Work Plan 3c, Deploy HLP-tolerant or resistant rootstocks and scions. The motion was seconded by Dr. Anglea and passed unanimously.

Dr. Dukowitz reviewed the MCTF canker-tolerant rootstock Work Plan, noting a steering committee has been formed to improve operational efficiencies and throughput. Mr. Stopyra moved to approve the FY 2015-16 Work Plan 3d, Canker-tolerant rootstocks and scions (MCTF). The motion was seconded by Mr. Davis and passed unanimously.

Dr. Dukowitz reviewed a separate Work Plan to develop a strategy for corporate partnerships, evaluating progress on projects so that the Foundation can move aggressively when promising solutions are identified. Discussions have been held with commercial companies related to RNAi, psyllid shield, mature tissue transformation and bactericides. Citing that the plan outlined may not be the correct approach to take, confidentiality, readiness and financial issues, the consensus was to continue the discussion and study the issue over the next several months.

Dr. Browning reported that the Finance and Audit Committee's proposed budget incorporates resources to provide for additional personnel such as a rootstock project manager that has been recommended by the CPDC. In addition, a Governance Sub-Committee will be meeting to review the structure of CRDF and make recommendations on how the Foundation should be organized based on today's environment. Since Dr. Browning has been advised not to make changes to the Antimicrobial Project Manager position or move on the rootstock project manager position until the Sub-Committee provides their report, staff recommended that the TIG contract be extended under the current scope and budget into FY 2015-16 until the new scope has been determined. Mr. Thompson made a motion to extend the current option of the existing TIG contract for CPD Project Management with the same scope and budget. The motion was seconded by Mr. Black and passed unanimously.

The corporate partnership work plan presented by Dr. Dukowitz was revisited. Dr. Anglea made a motion that the corporate partnership work plan be incorporated into discussions by the

Governance Sub-Committee reviewing the overall CRDF structure. The motion was seconded by Mr. Thompson and passed unanimously.

Dr. Browning summarized Dr. Syvertsen's renewal as project manager on several work plan topics. Mr. Black moved to approve the renewal of Dr. Syvertsen's Project Management contract for his Work Plans in FY 2015-16. The motion was seconded by Dr. Anglea and approved unanimously.

Dr. Browning noted that Mr. David Howard's term on the committee was expiring. Mr. Stopyra made a motion to retain Mr. Howard for an additional three years. The motion was seconded by Mr. Davis and passed unanimously.

With no further business, the meeting was adjourned at 2:00 pm.

Minutes submitted by Audrey Nowicki