CITRUS RESEARCH AND DEVELOPMENT FOUNDATION, INC.
Commercial Product Delivery Committee
Meeting Minutes
September 21, 2015

A meeting of the Commercial Product Delivery Committee of the Citrus Research and Development Foundation, Inc. was held on Monday, September 21, 2015 at the University of Florida, IFAS, CREC, Ben Hill Griffin Hall in Lake Alfred, 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. David Howard (telephone); Mr. Ricke Kress; Dr. Jeanna Mastrodicasa (telephone); Mr. Peter McClure; Mr. Ben McLean; Mr. Jerry Newlin (telephone); Mr. Andy Rackley; Ms. Shannon Shepp (telephone); and Mr. Tom Stopyra. Committee members Dr. Jackie Burns; Mr. Joe L. Davis, Jr.; and Mr. Hugh Thompson did not participate. Also participating were Mr. Dan Botts, Dr. Bob Bruss, Dr. Jim Dukowitz, Dr. Harold Browning, Dr. Stephanie Slinski, and Dr. Tom Turpen (telephone).

Others attending the meeting included Dr. Lisa Conti (telephone), Ms. Brandi Goller, Mr. Robbie Hall, Ms. Audrey Nowicki, Mr. Brandon Page, Ms. Shelley Rossetter, and Dr. Sean Song.

Mr. Black moved to accept the minutes of the August 18, 2015 meeting. The motion was seconded by Mr. Newlin and passed unanimously.

Dr. Browning summarized activities of the last few months regarding efforts toward regulatory consideration of three (3) products being tested by Nufarm Americas, Inc. and AgroSource, Inc. While Nufarm has informed CRDF that they recently submitted a package for regulatory review of their products, the Foundation continues to move forward working with AgroSource, Inc. to submit the planned petition at the beginning of October, following the original timeline.

There was considerable discussion regarding the submission made by the Indian River Citrus League in support of the Nufarm product Mycoshield. Mr. Rackley indicated that, based on previous discussions, FDACS was expecting that all three products would have been submitted together. The IRCL has been notified that their submission had numerous gaps in the information required for consideration of an emergency exemption. Mr. Stopyra stated the submission was also supported by Peace River Citrus growers.
Mr. Botts reported on progress with compiling the information from AgroSource, with field research results being reviewed and residue study information to follow. Mr. Botts reminded the committee that this petition will be subject to significant agency review since it will substantially increase the amount of bactericides being used in plant agriculture. These products will not cure greening, but are being pursued to provide an additional measure of tree health and to add to the longevity of producing trees.

Dr. Stelinski presented a proposal in the amount of $64,938 to evaluate the efficacy and economic analysis of trunk injection of bactericides, initiated in collaboration with Mr. Tom Minter. The treatments will start in the spring, but preliminary work can be accomplished this fall. Mr. Newlin made a motion to recommend the proposal for funding, seconded by Mr. Stopyra.
Discussion followed, and it was suggested that the other tetracycline product be added to the proposed streptomycin and oxy-tetracycline parameters being considered, which would increase the costs

approximately twenty-five percent. Mr. Newlin amended his motion to recommend funding not to exceed $85,000. The amended motion was seconded by Mr. Stopyra. The amendment to the motion was approved unanimously, and following that, the original motion passed unanimously.
Dr. Anglea inquired if bark penetrants were being pursued also. These alternative methods of application would require an amendment to the Section 18 application. It was reported that alternatives to foliar application were being pursued in the field research while foliar materials were evaluated, and that alternative methods of delivery, while perhaps more effective, will have longer approval processes.

Dr. Turpen reported on the psyllid shield project, investing in RNAi as a new method of psyllid control. He reported that the next steps are to estimate the effect of RNAi deployment in area-wide control and the options include utilizing RNAi delivery in transgenic plants, as a CTV vector, or potentially as a direct topical spray application. Once critical data collected from any method of application are obtained, the process must be presented to EPA and other agencies to identify and address regulatory requirements.

Dr. Browning reported that Dr. Syvertsen is planning a Rootstock Field Day on November 10th at the Duda property in Southwest Florida to showcase mature as well as newly planted rootstock evaluations. Mr. Page reported thermal therapy field days are being planned for this fall in the Indian River and Ridge areas.

Dr. Browning reported that the two-day Knowledge Mapping session September 30th and October 1st will bring plant breeders and geneticists together to evaluate how to accelerate delivering plant resistance to the field. Proposals for management of a common pipeline and other resource needs to implement the emerging plans are likely following the sessions.

Dr. Browning updated the committee on recommendations made by the Governance Subcommittee on structure and organization as it relates to commercialization issues. The Governance Committee will present their recommendations to the board at the next meeting.

With no further business, the meeting was adjourned at 11:00 am.

Minutes submitted by Audrey Nowicki