**Proposals Approved**
**By the Florida Citrus Production Research Advisory Council on 12-10-08 That Have Funding**
**To Be Used by the ARS Fort Pierce Laboratory**

There may be some adjustments to the funding for these projects so all the budget figures presented are subject to change.

Table 1. Approved Proposals with the funding values that were requested to be received and used at the USHRL

| | | | | Funding Requested | | |
|---|---|---|---|---|---|---|
| **PI** | **Proposal Title** | **2009** | **2010** | **2011** | **2012** | **Total** |
| ***Sub Plant Pathology RU*** | | | | | | |
| Gottwald | Efficacy of Citrus Canker Control Strategies, Leafminer Interactions, and Bacterial Survival | **$ 237,472** | **$ 241,346** | **$ 245,413** | | **$ 724,230** |
| Gottwald | HLB Epidemiology and Disease Control | **$ 295,251** | **$ 298,111** | **$ 301,114** | **$304,267** | **$1,198,741** |
| Gottwald | Efficacy of Interplanting Citrus With Guava as a Control Strategy for Huanglongbing | **$ 323,078** | **$ 335,320** | **$ 348,174** | | **$1,006,571** |
| Gottwald | The Importance of Lesions of Citrus Canker on Fruit | **$ 69,848** | | | | **$ 69,848** |
| Duan | Dissecting the Disease Complex of Citrus Huanglongbing in Florida | **$ 473,512** | **$ 502,096** | | | **$ 975,608** |
| | **Totals** | **$ 1,399,160** | **$1,376,872** | **$894,700** | **$304,267** | **$3,974,999** |
| ***Subtropical Insects RU*** | | | | | | |
| Hall | Pathogen-Vector Relations between Asian Citrus Psyllid and Liberibacter asiaticus | **$ 213,434** | **$ 197,660** | **$ 205,018** | | **$ 616,112** |
| Hall | Asian Citrus Psyllid - Sampling, Biological Control, and Seasonal Profile of HLB in Adult Psyllids (second year funding, first year was $62,895 for a project total of $128,934) | **$ 66,039** | | | | **$ 66,039** |
| | **Totals** | **$ 279,473** | **$ 197,660** | **$ 205,018** | | **$ 682,151** |

| ***Hort and Breeding RU*** | | | | | | |
|---|---|---|---|---|---|---|
| Lee (ARS-Riverside), Stover | Recovery of Citrus germplasm in Florida | **$36,970** | **$36,970** | **$36,970** | | **$110,910** |
| Hartung (ARS-BARC), Stover | Identification and Utilization in Citrus of Antimicrobial Peptides Active Against Ca. Liberibacter spp | | **$67,036** | **$70,388** | | **$137,424** |
| Bowman | Development of Promising New Rootstocks and Scions for Florida Citrus | **$183,000** | **$183,000** | **$183,000** | | **$549,000** |
| Lu (Univ Maryland), Bowman | Manipulating SA-mediated defense signaling to stimulate broad-spectrum resistance to HLB and other diseases in citrus | **$81,000** | **$81,000** | **$81,000** | | **$243,000** |
| Dandekar (UC-Davis), Bowman | Identification and Modeling of early responses to HLB infection to improve disease management | **$50,000** | | | | **$50,000** |
| Moore (UF), Niedz | Agrobacterium-mediated Genetic Transformation of Mature Citrus Tissue | **$100,000** | **$100,000** | **$100,000** | | **$300,000** |
| Baldwin (ARS-Winter Haven), McCollum | Effects of HLB on quality or orange juice and identification of HLB-induced chemical signatures in fruit juice and leaves | **TBD*** | **TBD** | | | **TBD** |
| | **Totals** | **$ 450,970** | **$ 468,006** | **$ 471,358** | | **$1,390,354** |

TBD – to be determined

**Other ARS labs that have approved projects**

Damsteegt at the Foreign Disease – Weed Science Research Unit at Ft. Detrick MD, $350,000.

Schaad, at the Foreign Disease – Weed Science Research Unit at Ft. Detrick MD, $1,195,400.

Lin at the Crop Diseases, Pests and Genetics Research Unit at Parlier CA, $264,087.

**Other Information**

The council has approved 83 projects from the 205 that were submitted. They approved all the projects that were recommended by the National Academy of Science. The Council plans to hold another meeting in mid January, 2009 and will approve some additional projects that have strong support from members of the Council at that time. We are optimistic that some additional ARS proposals will be approved.