

Washington State Commission on Pesticide Registration

January 13th & 14th, 2008

**Hotel Fifty
Portland, OR**

Chair Chuck Masters presiding.

Commissioners present: Byron Phillips, Bryan Sakuma, Pam Edwards, Chuck Masters, Bob Berger, Rick Hamman, Erik Johansen, Doug Walsh, Art Losey, Ann George, Andy Jensen, Kurt Volker, Ben Barstow, Trent Munden, Cynthia Lopez, and Jay Schafer.

Staff present: Erin Gwinn and Alan Schreiber

Call to Order

Chair Masters called the meeting to order at 11:57am.

Minutes

Byron Phillips e-mailed his corrections to the November minutes to Erin Gwinn. Andy Jensen commented that somewhere within the minutes the list of proposals should be included. Alan Schreiber stated that we would put the final totals and ranking in the November minutes. On project #09AN21, the Commission office needs to double check that the virus is a DNA virus, not an RNA virus.

The approval of November's minutes was tabled until the March meeting.

Financial Report

Alan Schreiber presented the financial report. Alan went over all items on the Profit and Loss statement for the Commission. Alan Schreiber went over the check detail and went over what each check expenditure was for. Chair Masters asked for any questions on the financial report. Ann George asked about the Profit and Loss shown on the second page. Alan Schreiber stated that this number is negative due to tour income for the 2008 tour which came in during the last fiscal year.

Ann George moved to approve the financial report as presented. Byron Phillips seconded. Motion approved unanimously.

Administrator's Report

Alan Schreiber stated that the Commission office had been fielding calls and details dealing with the last funding meeting and the current funding meeting. Most of the administrative time has been spent following up on the proposals that were funded in November and preparing for the current funding meeting. The office has also been receiving reports for past research proposals and has been tracking and filing the past project reports.

Proposal Review

#09PN029

Vince Hebert

Vince Hebert stated that this will be an efficacy trial looking at reduced emission technologies and that it is a combined effort between many collaborators. Specifically this will look at metam sodium in response to EPA changes. This year they will repeat the study from last year as well as identifying that there is efficacy at lower rates. This year they will look for support from the WSCPR, the WSPC, and the Oregon Potato Commission.

Alan Schreiber asked Andy Jensen about the priority of this project for the potato industry; Andy Jensen stated that this is a very high priority. Art Losey asked Andy about alternatives to metam sodium, he stated that there is no cost-effective alternative. There were questions about the application methods.

#09PN001R

Tim Waters

Tim Waters stated that this proposal will look at seedcorn maggot control in vegetable crops. This is a big issue and can necessitate complete replanting of crops. Currently there are no organic alternatives for seedcorn maggot control. This project will look at seed treatments for seedcorn maggot.

Doug Walsh stated that this proposal was on the cusp of being funded at the last meeting. Alan Schreiber stated that this is a big priority for the sponsoring agency. Tim Waters clarified the plot size for the trial and the treatment rate for the different crops. Andy Jensen asked about the issue of other maggots being in the trials as well.

#09AN028

David Gent

David Gent explained that the project will look at powdery mildew in hops. Economic damage occurs when there is cone infection in hops. They will look at the yield effect of late spray for powdery mildew. They will also look at the susceptibility of cones in a green house to try and find out a period of time when they are not susceptible. They feel that this is related to crop development.

Jay Schafer asked about plot design and the difference between the two plot designs that will be used. David Gent stated that all the fieldwork will be done in Washington. Rick Hamman asked if there was a critical window for application. Bob Berger asked about the research funded in 2008.

#09PN034
Kim Patten

Kim Patten stated that this proposal would work to register imidacloprid to replace carbaryl. They have a Federal EUP to do larger applications; this trial will look for commercially viable efficacy. This will involve large scale plots looking at different timings, with and without a low rate of carbaryl. They will look at interactions between imidacloprid and other new products. They will look to control eelgrass and then to come back into the plots with imidacloprid to get to the burrowing shrimp beds. They will also look at different adjuvants. This will all be done through aerial applications.

Bob Berger noted that the proposal states “in the next 6 years” this should read in the next 3 years. Bob Berger asked about the Commission’s policy on out-of-state co-funding. Rick Hamman asked about the eelgrass, Kim Patten stated that this was previously controlled with carbaryl. Ben Barstow asked about recent EPA decisions.

#09AN047
Christian Grue

This proposal will look at the effect of exposure to imidacloprid and carbaryl on juvenile salmonids. The trial will be conducted with juvenile rainbow trout. They will look at dose response by this spring in time for the upcoming field season. The proportion of fish showing overt effects will be presented in histograms.

Rick Hamman asked about the effects that could be seen in the fish. Chair Masters asked how the data would be presented. Chair Masters asked about protocols and whether the studies would meet state requirements. Steve Booth stated that the protocols are turned in to the state for review. The studies that are needed have been worked out with the state and they are all under the guidance of the EPA protocols.

#09AN046
Christian Grue

The effect of imidacloprid on sturgeon is a large issue; Willapa bay is currently a protected area for sturgeon. They will utilize white sturgeon as a surrogate for green

sturgeon which is a protected species. They will be looking first for a range of effects seen in the sturgeon, this will be followed by the EPA definitive test adhering to the standard EPA protocol. They will collect blood samples and gill snips to apply gene expression assessments and monitor exposure of fish in the field. They will look at brain residues for exposure with an immune-assay. The timeline of toxicity will be looked into in addition to exposures which can be seen in the field.

Jay Schafer asked about the impact that might be seen because the sturgeon are bottom feeders and feed on burrowing shrimp. Art Losey asked about sturgeon feeding on dead treated shrimp. Ben Barstow asked about the charge for waste disposal. Rick Hamman asked about the GSOA, Cris Grue explained that this is a Graduate Student Operating Fee which is the tuition portion of the graduate student.

#09AN048
Christian Grue

This proposal is presented in collaboration with Washington Friends of Farms and Forests; it will look at the effects of pesticides in urban streams on the reproduction of the Coho salmon. This will be the last year for this 5-year project. This project has previously looked for ripening in the sperm and eggs. They have compared fertilization and hatching success in exposed gametes.

Art Losey asked about whether Coho was a two-year fish. Cris Grue stated that this is a two-three year return fish. Alan Schreiber asked how this information would be used. Cris stated that this information is already being used by NOA. Kurt Volker stated that the proposal has a typo in the final paragraph, it states that the project has just finished year two. Cris stated that this paragraph was written to address the work that had previously been funded.

#09AN039
Tim Miller

Tim Miller stated that this proposal will deal with weed control in organic grapes. This will be done in conjunction with Carol Miles, who helped to secure additional funding. They will look at different treatments to control weeds in organic grapes as compared to a weed control standard. They will try different rates of treatments including mixing in legumes and specialized cultivation equipment. They will look at both red and white cultivars.

Kurt Volker asked about how this would be related to both eastern and western Washington. Tim Miller stated that 0.6% of wine grapes were put into organic production this year in Washington. There were questions about the cultivation equipment. There were questions as to whether Bio-Fence or mustard seed meal would be used.

#09AN022R
Richard Zack

Peter Landolt stated that this proposal is a team project dealing with caterpillars that defoliate potato plants reducing yield and quality. There is little information about which caterpillar is doing what at different times. Plants are sprayed when they caterpillars are detected or there is damage. There is a feeling that sprays are poorly timed and that some sprays may be unnecessary. Researchers will identify which species are on potatoes and which species are damaging the plants. This will culminate in delivering a recommendation guide to growers on pesticide recommendations and economic injury levels.

Bob Berger asked about changes in the proposal from the original. Alan Schreiber explained that there was a problem with the budget. The budget page has been corrected and clarified. Kurt Volker asked about beneficial levels.

#09AN023
Wee Yee

This proposal will be a continuation of last year's work. They will look at apple maggot host attractants in apple orchards. Different fly populations respond to different attractants, better attractants are needed. Fruit volatiles are preferable to the use of ammonia, which can attract all flies. Flies in Washington seem to have different host races. This year they will test the hawthorn blends as well as the apple blends. They will test volatiles and release rates in wind tunnels.

Art Losey asked about the difference between flies reared on hawthorn versus flies reared on apple.

#09AN045
Gary Grove

This proposal will look at creating a model for powdery mildew management which would alert the grower via phone or text message. This is similar to the system created last year for cherry powdery mildew. This year they will look at the best time to start applications. They will look at taking advantage of the different fungicide chemistries.

Andy Jensen asked about the damage that could be associated with powdery mildew in grapes. Gary Grove stated that mildew can cause cracks in the surface of the grapes, this can invite other types of rot. There is a very low tolerance for the disease. Kurt Volker asked about the timing of the primary infection. Rick Hamman stated that this work is important, this is the #1 disease problem in wine grapes. Ben Barstow commented on the lack of economic impact, Gary Grove stated that there would be an economic analysis done at the end of the project.

#09AN030

Gary Grove – Presented by Mark Nelson

This proposal will deal with hop powdery mildew management by taking a look at the amount of tissue produced by the plant over a season. Powdery mildew causes what seems like an excessive amount of fungicide sprays. From what they found last year, some fungicides work better at different times in the season than expected. Also, this indicated that some of the last season applications may be unnecessary. This will produce information that will be useful for AgWeatherNet.

Art Losey asked about downy mildew. Jay Schafer asked about multiple races in the mildew.

#09PN031

Kim Patten

This proposal will work to find an alternative for acroline for sago pondweed. This is a difficult weed to control and it has a real impact on the ability of irrigation ditches to control the flow of water. This year they will be working with Sea-Pro. They will work with Sonar, registered last summer. They are looking at how much water it takes to incorporate Sonar into the dry canals. This year they will work to gather data to finish the project. The economic impact is in the billion dollar range.

#09AN032

Kim Patten

This proposal will look at control of knotweed. Last year they had good results with aminopyralid. They will look at large plots in different sites to make sure that they are getting results that are comparable to last year.

Art Losey asked about Bohemian versus Japanese knotweed. Kim Patten stated that the trials will be done with Bohemian knotweed, which is harder to control. If there is good efficacy, Dow would go after a registration. Bob Berger asked about glyphosate formulations, Patten stated that glyphosate combinations have previously been used.

#09PN033

Kim Patten

This proposal will deal with cranberry herbicide. They will look at different timings on different weeds to support the IR-4 project and to get a future IR-4 project which will look at efficacy. They will look at black vine weevil control, which is a devastating insect in cranberry. They will look at application frequencies and chemigation. They will look at trying to reduce adult survival rate in the weevil. Black headed fireworm, which is the #1 pest, will also be researched; researchers are currently looking for OP replacements which are successful in chemigation.

Ann George asked about the coordination between different cranberry agencies. Bob Berger asked about co-funding from the Oregon cranberry industry.

#09AN027

Elizabeth Beers – Byron Phillips presenting

This proposal will look at controlling woolly apple aphid; the #2 pest in conventional apples and the #1 pest in organic apples. This is a quarantine pest in Taiwan, China, and Egypt. They are finding that Rimantol is not as soft on beneficials as previously thought. This project will repeat predator parasitoid surveys. They will sample larvae and adults to determine periods of activity. They will begin to look at new chemistries.

Andy Jensen asked about the grad student, Byron Phillips stated that the grad student was hired last year. Andy Jensen asked whether the air populations were the only population being sampled. Bob Berger asked about the timeframe for the project. Bob Berger asked about the benefits level. Art Losey asked about insect survival in abandoned trees.

#09AN049

Walter Sheppard – Presented by Doug Walsh

Doug Walsh gave a review of Walter Sheppard's work specifically involving *Nosema ceranae*. There have also been problems with mites which have been detrimental to bees. This year Sheppard will look at fumagillin and thymol based treatments.

Art Losey asked about locations where cultivated bees that have not declined. Doug Walsh stated that they have seen some recovery in feral bees. Rick Hamman asked about what *Nosema ceranae* does to the bees. Erik Johansen asked about the reference to *Varroa destructor*. Erik asked about the availability of products for *Nosema*, which includes an approved antibiotic. Alan Schreiber stated that if Sheppard was funded, he would not be funded until the Commission received the report for project #07AN058.

Legislative Initiative

Alan Schreiber stated the Commission's position to go forward with WSU on their request to the legislature. The Commission is also currently moving forward with a name change. Alan Schreiber stated that Marilyn Rasmussen was not re-elected and Bill Grant died unexpectedly. Brian Hatfield has taken over Marilyn Rasmussen's place in the Senate. Brian Hatfield could be a sponsor, but has not at this point been asked.

The fiscal climate within the state has become bleak due to the Governor's budget being released. Cuts are coming and many cuts have already occurred in state agencies. Within the Executive Committee there is a shift in opinion as to whether the Commission should remain in the WSU Initiative. None of WSU's budget requests were in the Governor's budget. There is a high likelihood that the College of Ag will have a cut and if there is a cut to the College of Ag the Commission will also be vulnerable to a budget cut.

Chair Masters asked for discussion on the WSU Initiative. Cynthia Lopez asked how much WSU was asking for on our behalf. Alan Schreiber read an e-mail that had been sent to him by Ann George after speaking with Chris Cheney, the Hop Commission legislative contact. Ann George stated that at this point there are only 3 active farmers still in the state congress. Anything that we can do to bring up the fact that we exist this session could cause us to get a cut. Art Losey agreed. Rick Hamman asked about the possibility of removing our name from the legislative initiative. Pam Edwards asked about the status of the name change, Alan Schreiber stated that this has been tabled until this meeting. Many Commissioners felt that this was a bad year to pursue a name change. Art Losey stated that he felt that WSU would be cut and that WSU would then cut within their program. Chair Masters asked for a direction that should be pursued.

Bob Berger moved that the WSCPR withdraw any efforts toward a name change during the current legislative session with an ability to retry during the next legislative session. Ann George seconded the motion.

Erik Johansen stated that he could not argue with the logic, but that the entire state budget would be gone over with a fine tooth.

Motion passed unanimously.

Alan Schreiber stated that the Commission would passively support the WSU Initiative but that we would support from the sidelines and proceed cautiously.

New Business/Elections

Chair Masters stated that traditionally the vice-chair is moved into the chair's position, but Chair Masters called for any other nominations.

Art Losey moved to elect Byron Phillips as the commission chair. Kurt Volker seconded. Motion approved; 11 in favor, 1 opposed.

Ann George moved to cast a unanimous ballot for Ben Barstow to be vice-chair. Bob Berger seconded. Motion approved; 11 in favor, 1 opposed.

Proposal Review

#09PN036
Philip Hamm

This proposal will deal with stunting in onion. Originally this was seen as an unknown problem, they have begun to apply different chemistries to try and determine exactly what is causing the problem. This can have an extensive effect and it is hard to predict where it will show up. It seems to be aggravated by wind erosion in the cover crop. They would like the pathogen to be identified as well as to have an in-field assay to determine

where it is within the field. The proposal is asking for funding for four different treatments.

Trent Munden asked about where the disease seems to be located. Rick Hamman asked about the benefits listed on the budget page. He stated that this is the highest that has been seen in the last several years. Andy Jensen asked about the existence of the disease over the last few years, Bill Dean stated that this did not become a problem until a cover crop was used to stop wind erosion.

#09PN024
Rick Boydston

This proposal will deal with weeds in alfalfa seed, specifically prickly lettuce, bed straw, and bay weed. They will be performing field trials and greenhouse trials. They will look at several different treatments. There will also be a large trial in the Touchet area in cooperation with Doug Walsh. In the greenhouse trial they will look at the currently labeled products for alfalfa seed in order to see what works and what doesn't.

Rick Hamman asked about registrant cooperation.

#09PN025
Rick Boydston

This trial will look at new herbicides for mint. Previously Spartan and Aim were looked at as treatments. The trials will be done in peppermint and spearmint. They will also look at irrigation deficit within mint especially in regard to efficacy of herbicides at different levels of irrigation deficit.

Bob Berger asked for explanation on 25% being IPM.

#09PN040
Alan Schreiber – Presented by Carl St. Hilare

This proposal will deal with herbicides in lavender. Growers want to expand, but previously there were no labeled herbicides. They plan to plant 15-20 acres this year; this is an ideal time to start a trial as the plants are more susceptible when they are smaller.

Ann George asked about whether they would be able to move forward with IR-4 registration. Alan Schreiber stated that the products that they are using would be easily registerable from the data last year combined with the data this year. They must have the efficacy data first and more than one year is preferable to be sure that the data is not an anomaly. Alan stated that they plan on generating data this season to hopefully have registrations by the end of 2009.

#09AN035
Hanu Pappu

This proposal will deal with a thrips virus which is seen on onions in the Columbia Basin and has an increasing incidence in northern California and Utah. The virus is exclusively spread by thrips; they are using tools developed to detect the virus in thrips. The California Onion Commission as well as PNVA will be providing support. They will perform weekly samplings and will be look specifically for onion thrips which are the main vector for this virus. They will eventually use the information which is gathered to develop an IPM program to control thrips.

Bob Berger asked about support coming from Utah or Idaho, Hanu Pappu stated that they are providing technician time and materials. Jay Schafer asked about how many seed production areas were seeing this problem. Kurt Volker asked about the objective of determining the seasonal dynamic of thrips.

#09AN006R

John Brown – Presented by Doug Walsh

This proposal will deal with mating attractant killing devices for carpenterworm in poplar. The proposal is to fund the graduate student who will perform work in the poplar plantations and time-slip labor.

Bob Berger asked about any change in the project cost since the original presentation. Andy Jensen noted that the genus name on the proposal was not spelled correctly. Art Losey asked whether the proposal provided enough work for a full-time graduate student.

#09PG051

Lynell Tanigoshi – Presented by Tom Peerbolt

This proposal will deal with integrating insect and mite management in red raspberry. This is ongoing work specifically this will deal with spider mites and one other pest. They need to work on both the chemistry and the biology of the pest. They will also monitor pre-bloom drench applications. There will be work done on new materials which will be tested in the lab. This will help the industry move forward toward newly available chemistries.

Kurt Volker asked about the Envidor portion of this project. There was a consensus that this is a cheap new chemistry that has been shown to work well. Chuck Masters asked about registrant support.

#09AN050

Tom Peerbolt

This proposal will help determine the abundance of phytophthora species causing root rot in raspberry. They have shown that Whatcom county growers may be over-treating due to incorrect species identification. They will survey fields to identify species. In the project

budget there is a supply line which has missing information, the supplies should be for culture maintenance, DNA extraction, DNA sequencing, and PCR.

There was a feeling that this research had been done previously. Kurt Volker asked for more clarification on the application of this research. Trent Munden asked about different treatments for different types of phytophthora. Chuck Masters asked about baseline data collection and working toward having a diagnostic tool. Bryan Sakuma stated that the value per acre could be up to \$15,000.

#09AN041

Brenda Schroeder

This proposal will focus on enterobacter rot in storage onions. This cannot be detected in a visual matter as the disease is housed in the inner scales. They have identified an enterobacter that is highly likely candidate, but as of yet have not found a reservoir for the disease. A molecular marker is being developed and they have begun taking genomic extractions. This year they will be extending the survey to include thrips. They will also be looking at the impact of the storage environment on the disease progress. They will also look at the WSU onion cultivar trial to help find a resistant varietal. Currently they see potential for breeding disease resistance.

Andy Jensen asked about bacterium transmission Chuck Masters asked about the duration. Alan Schreiber asked about the small amount of matching funds on the project.

#09AN042

Bill Snyder

This is a biocontrol project to find out what predators in potato fields are eating. They want to take into account densities of the species and know if predators eat pests and which pests they eat. Researchers will sample fields 3 times during the year, collecting predators to determine what they are eating using markers that are either already created or are in the process of being created. This will enable predators to be taken into account when making spray decisions.

Ben Barstow asked about the volume of prey consumption. Bill Snyder stated that this test cannot assay volume. Ben Barstow asked about the sampling method; specifically how contamination would be avoided. Kurt Volker asked about the applications in conventional potato fields. Ann George asked about the relevance of this proposal to the WSPC research priorities.

New Business

Alan Schreiber suggested a policy to the board. He felt that negative scores should not be allowed for proposals, there was a consensus that scores should be between 0-100.

Andy Jensen moved that all scores on proposals need to be between 0-100. Kurt Volker seconded. Motion approved unanimously.

Andy Jensen brought up the declining number of proposal submissions. Bob Berger suggested asking for more demonstration proposals. Art Losey stated that in the next funding cycle we will see more urban applications. Doug Walsh stated that he feels that the matching funds are a hindrance to many researchers; there are many commodities that don't have or aren't willing to put up matching funds. Erik Johansen stated that of the top 20 commodities in Washington 4 are animal related. Doug Walsh stated that pesticide use surveys might also be an option. Bob Berger stated that there should be more awareness of the Commission. Art Losey asked about the chemical company research that is done in urban areas, he stated that they feel if we fund the project the information will not be kept as proprietary. Doug Walsh stated that the residue and GLP projects are being done through IR-4 now where they used to come to the Commission. This discussion will be flagged for further discussion at the time of the 2010 RFP release. Alan Schreiber stated that we need to emphasize that we allow demonstration projects. Jay Schafer asked whether a workshop would classify as a demonstration project.

Alan Schreiber stated the amount of money that is available to be spent on proposal funding including what could be spent with a 10% forward allocation. Alan Schreiber stated that we could still offer a third round of proposal funding for this fiscal year.

Proposal Review

#09PN052

Tom Walters

This proposal will look for a product to control root rot. Root rot treatment accounts for up to 10% of a raspberry grower's budget. Currently there are no root rot resistant cultivars which produce IQF quality berries. Recently work on other crops has shown that a phosphate product may have much better efficacy against root rot. This trial will be done in a greenhouse, which will provide a controlled situation for the testing. There is currently a good testing system in place which will be used for this trial. Tom Walters explained the mix-up with the budget, the raspberry Commission only funded \$2150. Alan Schreiber clarified that this should be changed to a proposal requesting \$4298.

#09PN026

Tom Walters

This proposal will look at products to prevent nematode problems in red raspberry. The first level of screening will be straight contact screening via soil samples. Different compounds will be added to bagged soil samples. Tom Walters stated that a majority of the budget would go to Jack Pinkerton, a USDA nematologist retiring this January. He will be hired by WSU as a consultant. Tom stated that this is an emergency situation for raspberry growers; they have lost their only post-plant nematode treatment.

Erik Johansen stated that there is a strong possibility that WSDA and ODA would submit an alternative. Kurt Volker asked about MCW-2. Bryan Sakuma asked about Dagger. Tom Walters stated that this proposal is written to really focus on root lesion. Bob Berger asked about the travel portion in the budget.

#09PN044

Ekaterina Riga – Presented by Kevin Fullerton

Kevin Fullerton stated that wine grape growers are looking to find an IPM program for nematodes with brassica seed meals. This proposal would start with green manures in new ground. While the vines were being planted, researchers would apply brassica seed meal followed by treatments throughout the season. They will create an economic report including practical application methods from a mechanical and cost effective point of view. They will also be working with a Mount Vernon research station economist.

Alan Schreiber asked about which member of the industry approached them to do the project. Kurt Volker asked about collaborator Don Hopps. Kurt Volker asked about the lack of cash match from the grape growers. Bob Berger asked about the project salaries. Rick Hamman asked about the time required by Don Hopps. Rick Hamman asked for a clarification on the work plan for 2009. Ben Barstow asked about the weed species that will be looked for in the field.

#09PN038

Chang Li Xiao

This proposal is for the second year of funding for the post-harvest disease on pears, phacidopycnis rot. Following harvest, pears are commonly packed and stored for 2-3 months. During the storage post-harvest diseases come into play; there are three major post-harvest diseases in pears. They are trying to find alternatives for pre-harvest and post-harvest. They have found that rot occurs due to a fungus which lives on the pear tree, the fungus is latent until 2-3 months after harvest.

Kurt Volker asked about support from chemical companies. Rick Hamman asked about the duration of the project.

Proposal Funding

Alan Schreiber displayed the proposals presented for funding including rank. Chuck Masters asked Commissioners to look for an obvious break in scores. He suggested that we then look for proposals which Commissioners would like to discuss further. Alan Schreiber stated that he was surprised that the Schroeder proposal was ranked so low. Ben Barstow noted that there was no crop value or disease impact statement. Andy Jensen stated that there were poor matching funds.

Ann George suggested looking above the line first to see if there were proposals that people wanted to make changes to.

No changes were noted for proposals #09PN024, #09PN026, #09PN029, #09PN025, #09AN032, #09AN027, #09AN045, #09PN033, #09AN028, #09PN034, #09AN023, #09PN030, and #09PN052.

On proposal #09PN038 Kurt Volker asked to suggest the applicant contact registrants to request financial support.

On proposal #09AN049 it was suggested that the Commission hold funding until missing reports have been turned in. Erik Johansen stated that this should not have been considered, this is an animal disease issue and the Commission does not fund animal disease control. Erik stated that Walter Sheppard and the bee industry have money available in the USDA apiary fund. Currently they have around \$73000 left and there is no restriction on using this funding for an animal disease issue. Alan Schreiber stated that this is something that is not covered by FIFRA and is not a pesticide. Erik Johansen stated that this is an antibiotic and is regulated through the FDA. Art Losey, Andy Jensen, and Ann George agreed that Erik Johansen is correct.

Erik Johansen moved that proposal #09AN049 be denied funding. Art Losey seconded. Motion passed unanimously.

No changes were noted for proposals #09AN022R, #09PN040, #09AN035, #09PN001R, or #09AN039.

On proposal #09PN31, comments made about the fact that the amount of rainfall, specifically in eastern Washington, had previously been dismissed. Byron Phillips and Kurt Volker felt that there should be some registrant funding.

On proposal #09AN042 there were questions regarding the ongoing costs. Chuck Masters questioned why the initial work would be needed on eight fields. Chuck wondered if the project should be downsized. Alan Schreiber stated that this would be the second largest project the Commission has funded. Both Art Losey and Rick Hamman suggested cutting the funding to a lower level. Andy Jensen stated that if the industry did not receive the \$80k total, they would most likely cut back on the sampling.

Art Losey moved to fund proposal #09AN042 at \$30,000. Erik Johansen seconded. Motion approved; 6 in favor, 3 opposed, one abstention.

Bob Berger moved to reconsider the cut of #09AN042. Trent Munden seconded. Motion approved; five in favor, five opposed, one abstention.

Art Losey suggested staying neutral on proposal #09AN042 until the remaining proposals had been reviewed.

On proposal #09AN047, Chuck Masters stated that he scored lower on this proposal due to the study having both imidacloprid and carbaryl. Art Losey stated that EPA is not

taking carbaryl away; there is a court settlement between Washington Toxics and Willapa Bay. Ann George stated that the match on this proposal was very good. Alan Schreiber questioned his use of matching funds over multiple years. Alan stated that over the years Washington Friends of Farms and Forests (WFFF) has been supportive of his work; they have asked him to publish his research.

On proposal #09AN046, Art Losey asked whether the work had to be done for EPA registration. Alan Schreiber said they have not been asked for this data, but they think that they may need it for the state use permit. The match for this project is problematic. Commissioners felt that the matching funds were not close enough to the effected group.

On proposal #09AN048, Ann George questioned the match; this match money is partially left over from last year. Chuck Masters stated that WFFF is providing match on the condition that the research is published. Ann George suggested reducing the proposal to make it consistent with the current year's match.

Ann George moved to fund proposal #09AN048 to \$10,000. Trent Munden seconded.

Erik Johansen asked if the Commission was short on money and whether the proposal had merit. Chuck Masters felt that the proposal had little merit without being published.

Trent Munden called for the question.

Motion approved; 10 in favor, 2 opposed.

On proposal #09AN041 Andy Jensen and Alan Schreiber vouched for Brenda Schroeder's skill as a researcher. Doug Walsh stated that there is no match from the onion industry. Ann George suggested funding at \$5000.

Kurt Volker moved to reduce funding on proposal #09AN041 to \$6977 with a request that she find additional funding from onion growers. Ann George seconded. Motion approved unanimously.

Kurt Volker moved to approve proposal #09PN024, #09PN026, #09PN029, #09PN025, #09AN032, #09AN027, #09AN045, #09PN033, #09AN028, #09PN034, #09AN023, #09PN030, #09PN052, #09PN038, #09AN022R, #09PN040, #09AN035, #09PN001R, #09AN039, #09PN31, #09AN042, #09AN047, and #09AN046 with #09AN042 approved at \$40,000. Bob Berger seconded. Motion approved; 11 in favor, 1 opposed.

On proposal #09AN050 Ben Barstow asked for any questions on the project. Bryan Sakuma stated that both phytopthera projects would be funded from by the industry. He stated that from an industry standard the Tanigoshi proposal was of higher priority. Ann George clarified that the Tanigoshi proposal was scored low due to the formatting.

Ann George moved to approve #09PG051 subject to submission of a proposal re-written within Commission guidelines. Erik Johansen seconded.

Chuck Masters questioned the testing of Envidor. Ann George stated that this probably has to do with the fact that this is a new chemistry on the market. Ben Barstow asked about a chemical company match and whether this would be appropriate.

Trent Munden called for the question.

Motion approved; 8 in favor, 3 opposed.

Ann George moved to deny proposal #09PN044. Ben Barstow seconded.

Ann George stated that this proposal had very poor match. Trent Munden and Ben Barstow stated that economic analysis was overly expensive. There seemed to be no support from the wine grape industry.

Motion approved unanimously.

On proposal #09AN006R Bob Berger stated that it was indicated that without this control they would lose \$12,000/acre. Doug Walsh stated that they still need to do the research to prove that the technique will work.

On proposal #09PN036 there was a feeling that the problem is isolated to one farm in Oregon. Ben Barstow stated he felt the experimental design was poor.

Andy Jensen moved to approve #09AN006R and #09AN050 and deny proposal #09PN036. Trent Munden seconded. Motion approved unanimously.

It was noted that at the last funding meeting Jay Brunner was not fully funded. The researcher had asked the Commission to reconsider his funding. It was decided that since the request was not received in an adequate timeframe the funding would not be reconsidered.

Kurt Volker moved to adjourn. Ann George seconded. Motion passed unanimously.

Meeting adjourned at 4:15pm.

Washington State Commission on Pesticide Registration, January 13-14, 2008, Ellensburg, WA

WSCPR #	Commodity	Researcher and Institution	Old Mandate	New Mandate	Total WSCPR	Total Project	Average
09PN024	Alfalfa Seed	Boydston/USDA	\$5,000	\$0	\$5,000	\$20,000	89.5
09PN026	Red Raspberry	Walters/WSU	\$7,633	\$0	\$7,633	\$15,266	89.0
09PN029	Potato	Hebert/WSU	\$11,274	\$0	\$11,274	\$66,423	88.8
09PN025	Mint	Boydston/USDA	\$7,500	\$0	\$7,500	\$38,781	88.5
09AN032	Riparian Zone	Patten/WSU	\$500	\$1,500	\$2,000	\$4,500	88.3
09AN027	Apples	Beers/WSU	\$0	\$14,792	\$14,792	\$48,754	86.6
09AN045	Wine Grapes	Grove/WSU	\$0	\$19,735	\$19,735	\$39,735	85.0
09PN033	Cranberry	Patten/WSU	\$10,800	\$7,200	\$18,000	\$56,946	85.0
09AN028	Hops	Gent/USDA	\$0	\$16,999	\$16,999	\$48,036	84.9
09PN034	Oyster	Patten/WSU	\$15,225	\$0	\$15,225	\$42,915	84.8
09AN023	Apples	Yee/USDA	\$0	\$26,130	\$26,130	\$56,130	84.8
09AN030	Hops	Grove/WSU	\$0	\$19,735	\$19,735	\$40,470	84.5
09PN052	Raspberry	Walters/WSU	\$4,298	\$0	\$4,298	\$8,624	84.5
09PN038	Pear	Xiao/WSU	\$10,445	\$2,611	\$13,056	\$26,612	84.4
09AN022R	Potato	Zack/WSU	\$0	\$20,000	\$20,000	\$40,000	83.9
09PN040	Lavender	Schreiber/ADG	\$7,000	\$0	\$7,000	\$14,000	83.5
09AN035	Onion	Pappu/WSU	\$0	\$18,632	\$18,632	\$40,200	83.5
09PN001R	Vegetables	Waters/WSU	\$5,314	\$3,543	\$8,857	\$19,357	83.2
09AN039	Organic Grapes	Miller/WSU	\$0	\$10,325	\$10,325	\$25,825	82.9
09PN031	Irrigation Canals	Patten/WSU	\$1,000	\$1,000	\$2,000	\$9,200	82.2
09AN042	Potato	Snyder/WSU	\$0	\$40,000	\$40,000	\$80,000	81.9
09AN047	Oyster	Grue/UW	\$0	\$4,760	\$4,760	\$27,511	80.0
09AN046	Oyster	Grue/UW	\$0	\$20,446	\$20,446	\$43,932	79.8
09AN048	Pesticide Control	Grue/UW	\$0	\$10,000	\$10,000	\$49,820	79.8
09AN041	Onion	Schroeder/WSU	\$0	\$6,977	\$6,977	\$13,477	76.6
09PG051	Raspberry	Tanigoshi/WSU	\$4,530	\$0	\$4,530	\$9,060	67.4
09AN050	Raspberry	Peerbolt/PCM	\$0	\$9,080	\$9,080	\$18,160	75.3
09AN006R	Poplar	Brown/WSU	\$15,000	\$15,001	\$30,001	\$66,301	71.5
Total Funding			\$105,519	\$268,466	\$373,985	\$970,035	
Not Funded							
09PN044	Wine Grapes	Fullerton/IWF	\$18,370	\$18,370	\$36,740	\$48,315	56.6
09AN049	Honeybee	Sheppard/WSU	\$0	\$23,203	\$23,203	\$49,208	84.0
09PN036	Onion	Hamm/OSU	\$6,394	\$1,599	\$7,993	\$103,293	70.4

