

## Washington State Commission on Pesticide Registration

November 29<sup>th</sup>- 30<sup>th</sup>, 2010

Proposed Minutes

Hal Holmes Center

Ellensburg, WA

Chair Byron Phillips Presiding

The meeting was called to order at 10:00am.

Commissioners Present: Trent Munden, Wayne Clifford, Erik Johansen, Pam Edwards, Rick Hamman, Doug Walsh, Harvey Yoshida, Byron Phillips, Jud Hedine, Bob Berger, Brian Cieslar, Terry Whitworth, Cheryl Talbert, Mark Knutzen, Ben Barstow, Ann George, Byron Phillips

Staff Present: Alan Schreiber and Vanessa Algarin

### Approval of Minutes

Chair Phillips asked for comments or changes to the proposed minutes. None were given.

*Bob Berger moved to approve the minutes. Rick Hamman seconded the motion. Motion passes unanimously.*

### Financial Report

Alan Schreiber went over the Profit & Loss and Budget vs. Actual reports line by line. Alan then explained the check detail and went over the charges. Ann George commented that she feels that the quality control is lacking in regards to our accounting. Ann has spoken with staff and Alan and said that the issue is taken care of. WSU says that we have \$625,999.28 to spend on research. This takes into account the 12% cut and encumbered funds.

*Ann George moved to approve the financial report. Erik Johansen seconded the motion. Motion passes unanimously.*

### Administrator's Report

Alan went over the Pesticide Notification Network; he anticipated this to be a bigger job than what it has become. The report handed out reflects everything that comes out of the state

regarding Section 18 and Section 24c. A majority of our time has been focused on preparing for this meeting. We have been keeping track of who has submitted research reports; all presenters have their reports in up to 2009. The commodity group for a project that is up for funding again this year has not provided their money for 2010; 2011 funding will not be given out until they send in their matching funds. We held a teleconference with the Executive Committee and WSU regarding our budget cuts. Every year, four of the twelve voting members have terms that expire. All four of the nominating sectors had a different issue for not nominating on time this year. Byron will be nominated again. Food Processors have not found someone to serve. Grapes were in the middle of harvest, but have nominated Keith Oliver.

Byron went over the score sheets and the process of using them.

### **Proposal Review**

#11PN003 Rondon/OSU “Rotations to Control Onion Thrips on Dry Bulb Onion in the Columbia Basin”

Silvia Rondon gave her proposal on onion thrips. Rondon explained that the purpose of this proposal is to combine the best rotations found in previous research in her 2011 trial. The proposal is mainly funded by PNVA. She stated that the growers did not give money this year because they had previously funded a 2008 trial.

#11AN005 Walsh/WSU “Pheromone-based Monitoring of Mealybug Populations in Washington Vineyards”

Doug Walsh gave his proposal on monitoring mealybugs in wine grapes; this is the second year of this project. He stated that there is an overuse of imidacloprid in the industry and that monitoring would help reduce the use of chemicals. Walsh explained that the salary request is for 7 ½ months and primarily for a PhD student. Doug Walsh also explained that the funding cycles from the groups that he requested from are different than WSCPRs so the matching funds are not always approved in time for this meeting.

#11PN007 Boydston/USDA “Confirmation and Characterization of Herbicide Resistant Weed Populations in Potato Production Areas of the Columbia Basin”

Rick Boydston gave his proposal on herbicide resistant weeds in potatoes. This is the second year of this project. He gave a brief and went over the results from 2010, and explained that in 2011 he will be conducting herbicide dose response studies.

#11PN008 Boydston/USDA “Confirmation and characterization of herbicide resistant weed populations in mint production areas of Washington State.”

Rick Boydston gave his proposal on herbicide resistant weeds in mint. He stated that he this proposal was funded by WSCPR last year. Boydston commented that the difference between the two proposals 11PN007 and 11PN008 are cost. The salary of a technician is funded at a greater rate in the mint industry.

#11AN004 Walsh/WSU “Biology and Management of Spotted Wing Drosophila in Washington”

Doug Walsh gave his proposal on Spotted Wing Drosophila in Washington vineyards. He explained that this project would be to determine when Washington wine grapes would become susceptible to SWD. He also commented that figuring out the nutritional requirements for SWD will be the most costly part of the project. This proposal has been turned into the USDA for a specialty crop grant and that the project duration would ideally be a year and a half.

#11PN006 Boydston/USDA “Response of Edamame to Preemergence and Postemergence Herbicides”

Rick Boydston gave his proposal on weed control in edamame. Edamame is being evaluated by food processors. There is currently no organized grower group for edamame in Washington. They are trying to get enough seed to do pre emergence and post emergence trials and these will be done at either a research station or grower field.

#11PN017 Boydston/USDA “Herbicide Efficacy in Alfalfa Grown for Seed”

Rick Boydston is proposing to do two field trials on alfalfa seed in fields that have a history of problems with weeds. One of the fields is located in the Walla Walla area and the other is located in the upper Basin. He will be looking at different herbicides efficacy. There is a possibility of greenhouse trials in order to have a more controlled environment. The alfalfa seed industry is supportive of this project.

#11PN029 Miles/WSU “Weed control for newly established direct seeded and transplanted asparagus”

Carol Miles gave her proposal on weed control in transplanted asparagus. She stated that this proposal is being supported by the Washington Asparagus Commission. In previous years federal money was available, but this year there is no federal funding. The direct seeding trial has been completed and will now look at transplants.

There was a question regarding a note on the budget. Doug Walsh stated that all the researchers go through someone at WSU who is budget certified. Each one of them do the budgets differently. Mary Lou Bricker created this note a couple of years ago. It is a cost share, but WSU is not responsible for cost sharing documentation. Byron Phillips will follow up with Ralph Cavalieri.

#11AN021 Miles/WSU “Grafting Vegetables for Verticillium Wilt Resistance”

Carol Miles gave her proposal on vegetable grafting for verticillium wilt resistance. She explained that vegetable grafting is used as a disease prevention tool. WSCPR funding would mainly be going towards the Master student’s salary and the travel to the different sites. Benefits would be paid for by block grants.

#11PN011 Miles/WSU “Management of powdery mildew in an organic wine grape vineyard”

Grape powdery mildew is the priority for organic wine grape. Experiment has 3 different studies. Sulfur is the only allowable product for organic wine grape and has proven efficacy. Need to do confirmation studies on spray interval, spray rate, and leaf pulling.

#11AN018 duToit/WSU presented by Mike Derie “Management of Fusarium wilt in Radish Seed Crops in the Columbia Basin using Limestone Amendment”

Mike Derie explained that there has been increasing frequency of fusarium wilt in radish seed crop; there has been at least one failure each year despite rotation. Lime stone applications can help improve. This study will repeat last year’s trial and set up trail fields with radish seed crop that had 100% failure in 2008.

#11AN020 duToit/WSU presented by Mike Derie “Management of *Verticillium* in Spinach”

Mike Derie stated that Washington produces 50% of the nation’s spinach seed crop. There is no evidence of major gene resistance to verticillium to spinach. With increase of limestone applications it increased verticillium infection in the seed, but killed fusarium wilt. Repeat the spinach lettuce field trials for seed transmission of verticillium to plant.

#11PN010 Waters/WSU “Thrips IPM on Dry Bulb Onion in Washington State”

Tim Waters stated that this project has been funded for the past two years. Waters gave a brief recap of the results from last year’s trial. They found that most sequences tried were effective. He explained that growers are making 4-8 insecticide applications per year, so more than two chemistries are needed. They are proposing to evaluate a sequence of applications for growers, look at how plant nutrition can affect onion thrips, and look at a treated untreated check.

The Commissioners commented that the absence of a formal onion grower association (=no minimal funds for matching support) gives frustration to the WSCPR.

#11PN002 Walsh/WSU “Pesticide Degradation in Hop Yards”

This proposal has been presented to the Hops Research Council and the Washington Hops Commission. The funding for this project is mainly for salary. This proposal will address MRLs on hops.

#11PN036 Brown/USDA “Measuring the True Value of Potato Host Resistance to Columbia Root Knot Nematode When Treated by a Full Range of Chemical and Biocontrol Options”

Chuck Brown gave his proposal on the Columbia Root Knot Nematode. This project would test new breeding lines that are resistant to Columbia root-know nematode through full chemical fumigation. They will also test through biofumigation and other control measures.

#11PN014 Schreiber/ADG “Do Planting Time Treatments Control Beet Leafhoppers in Potatoes?”

Andy Jensen presented the proposal on beat leafhoppers in Potatoes. Andy stated that this is a really difficult project. Also, the budget should be \$17,000 not \$16,000 as stated on the cover sheet.

#11PN015 Schreiber/ADG “Managing Thrips on Potatoes- Year Two”

Andy Jensen presented the proposal on thrips on potatoes. This is the second year of the project. Andy stated that more and more potatoes are getting extreme numbers of thrips. The trials would be done in grower fields; \$4000 is budgeted for field use. The grower will purchase and apply the treatment. They will look to come up with a thrips replacement for Monitor. At this point it is about efficacy and not yield.

#11PN024 Rodstrom/WSU “Chemical protection of new cuttings above and below ground from the green weevil (*Polydrusus impressifrons*) and strawberry root weevil (*Otiorhynchus ovatus*).”

Andrew Rodstrom presented a proposal on chemical protection for poplars. He stated that the pesticides available are limited. The weevils remove the first flush leaves. They will start a new technique of stick soaking.

#11AN023 Brown/WSU “Sustaining the Beneficial Insect Complex in Poplars”

#11AN016 Pappu/WSU “Epidemiology and Management of Thrips- Transmitted *Iris yellow spot virus* in Onion”

Kerri Druffel presented the proposal on onion thrips and iris yellow spot virus. They are asking for funds for a graduate student. They will determine when the thrips are carrying the virus and when treatment needs to occur.

#11AN043 Pappu/WSU “New and highly damaging strains of Potato Virus S: Investigations into late blight resistance and virus susceptibility in potato”

Keri Druffel presented the proposal on Potato Virus S. This proposal was funded previously for two years. PVS is everywhere so it has not been studied much.

#11AN009 Yee/USDA “Yellow Rectangles for Trapping Apple Maggot Fly”

Yee presented his proposal on apple maggot traps. He stated that trapping has been conducted over the years. Traps being used now are sticky fruit traps with a gel; they are usually a yellow trap but cannot assume that a yellow trap works. He stated that the state likes yellow panel type traps that are flat and easy to deploy. He proposes to compare the traps and address all three aspects.

#11AN025 Stahnke/WSU “Species Identification of Pythium on Turfgrass in the Pacific”

Gwen Stahnke gave her proposal on pythium on turf grass. She stated that pythium was not a problem in the Pacific Northwest before. They do not know what type of pythium is on the turf grass. This project will identify the species of pythium that they have.

#11AN026 Gent/USDA “Identification of the Critical Period for Management of Powdery Mildew Cone Browning”

David Gent presented his proposal on powdery mildew cone browning on hops. This is the third year of a project that WSCPR has funded previously. They will be able to predict crop loss and yields from this project. The funds requested are to support a graduate student from OSU and for technical support for the field trials that will occur at WSU.

#11PG028 Walsh/WSU “International Harmonization of Hop MRLs for Dimethenamid and Carfentrazone”

Ann George presented the proposal on hop MRL harmonization. This project will address data gaps necessary to expand the harmonization between US MRLs and those of key customers - European Union and Japan - along with the Codex Alimentarius Commission.

#11PN012 Schreiber/ADG “Control of Diseases in Washington Wasabi”

Alan Schreiber presented his proposal on wasabi. Wasabi is one of the most valuable crops grown and has a huge demand. Pythium and fusarium are the diseases that affect wasabi.

#11PN001 Walsh/WSU “Testing Synergists for Improved Insecticide Performance Against Lygus”

Doug Walsh presented his proposal on Lygus in alfalfa seed and strawberries. This proposal is running a series of bioassays under controlled circumstances. The funding request is primarily for a PhD student and for technical assistance.

#11PN013 Walsh/WSU “Mite Population Dynamics: Implications for Mint and Hops”

Doug Walsh presented his proposal on the two spotted spider mite that is a perennial pest in both mint and hops. He will evaluate what spider mites and predator mites that are present are doing and how they break dormancy. He will also evaluate oil and insecticide miticide treatments. This is a comprehensive project on spider mites.

#11PN0019 Schreiber/ADG “Organic and Conventional Weed Control in Eastern Washington Blueberries”

Alan Schreiber presented his proposal on organic and conventional weed control in Eastern Washington blueberries. Alan stated that there has been growth in blueberries in Eastern WA. The biggest problem in organic blueberries is weed control. This project will be a straight forward efficacy trial for conventional and organic herbicides. They cannot use Western WA data because of different climates and issues. The site is already in place and he has some agchem support for the conventional trials.

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#11PN027 Grove/WSU “Timing applications of several fungicide modes of action for development of hop powdery mildew IPM programs and resistance management”

Gary Grove presented his proposal on hops. He stated that this is a continuation of a hop proposal from previous years. This project utilizes fungicides with varying efficacy to correlate cone infection with environmental conditions, better identify when the critical infection periods occur as related to cone development, and verify results from previous research

#11PN033 Grove/WSU “Optimization of Bloom-Centered Spray Approaches for Grapevine Powdery Mildew”

Gary Grove presented a proposal to use new spray methodology to improve control of grape powdery mildew.

#11PN039 Grove/WSU “Forecasting and Precision Management of Botrytis Bunch Rot of Grape”

Gary Grove presented his proposal on grapes. One objective of this proposal is to validate the Broome Model under local conditions and (provided successful validation) to develop a model interface and "push" outputs for WSU's AgWeatherNet. A second objective is to determine the post infective activity of fungicides currently registered for bunch rot. They may receive a possible grant from the America Vineyard Foundation.

#11PN022 Schreiber/ADG “Organic Asparagus Pest Management- Year Four”

Alan Schreiber presented his proposal on organic asparagus pest management. This is the final year for this project. They will be targeting two pests, European asparagus aphid and weeds. There is no good way to control weeds except for tillage, the problem is sandy soil.

#11PN031 Patten/WSU “Perennial Weed and Blackheaded Fireworm Management in PNW Cranberries using Low-risk Alternative Pesticides.”

Kim Patten gave his proposal on finding alternative pesticides for cranberries. This proposal contains two research projects. The first project will be research on the herbicide rimsulfuron for perennial weed control. This research will focus on collected efficacy and crop safety data needed for registration and label development. On the second project they will conduct replicated whole farm or whole bed management of blackheaded fireworm using only non-Of insecticides. Results from these trials will be used to develop guidance documents to support WSDA proposed new rulings governing the use of OP insecticides on cranberry beds in 2012.

#11PN034 Patten/WSU “Improving the Efficacy of Imidacloprid for Management of Burrowing Shrimp Infestations on Shellfish Grounds”

Kim Patten presented his proposal on Imidacloprid for burrowing shrimp. They have a 2012 deadline to find a replacement for Carbaryl. They will try to accomplish efficacy of imidacloprid at a lower rate for EPA registration.

#11PN030 Porter/USDA “Chemical and Biological Management of White Mold in Alfalfa Seed Production”

Lynden Porter gave his proposal on white mold on alfalfa seed. White mold is a fungus that causes stem rot. The focus of the problem is that there is not a registered fungicide. There are three fungicide sprays, and there is only one registered product that they can use. This project is to determine the efficacy of these products in managing white mold when applied to the soil or the foliage will be determined and a cost benefit analyses of using these products based on seed yields will be evaluated.

#11PN041 Miller/WSU “Weed Control in Forest Tree Nurseries”

Tim Miller presented his proposal on weed control in forest tree nurseries. They propose to screen new products that they know work well in established Christmas trees. They want to see if the products work in seedling nursery trees. They will look at three products that are not currently registered. There will be two sites with the same trial but on different species. The second trial is similar to the first but targets a perennial mustard plant. He needs to hire OSU workers as WSU employees in order to get benefits paid out of the pool. This will reduce the WSCPR portion of the budget.

#11PN035 Xiao/WSU “Control of Gray Mold on Apples Caused by Pristine-Resistant *Botrytis cinerea*”

Chang-Lin Xiao presented his proposal on gray mold on apples caused by botrytis. Because of long term use the apple industry has seen a loss of Pristine efficacy. This project would evaluate preharvest applications of Topsin M or Captan, and post harvest fungicides.

#11AN032 Rayapati/WSU “Barcoding Grape Viruses in Insect Vectors of Grapevine Leafroll Disease (GLRD)”

Doug Walsh presented the proposal. The objective of the proposal is to assess the role of indigenous grape mealybug and scale insect vectors in the spread of GLRD in Washington vineyards. This is being achieved by developing molecular diagnostic techniques to detect grapevine leafroll-associated viruses in mealybugs and scale insects and using this information to study vectoring ability of mealybugs and scale insects sourced from GLRD affected grapevines. The knowledge generated from this project will be integrated in GLRD management strategies for sustainable growth of the Washington wine grape industry. The matching cash is from grower assessments.

#11AN047 Snyder/WSU “Who's eating spider mites? Molecular tracking of mite predation in WA potatoes”

Andy Jensen presented the proposal on mite predation in potatoes. He stated that this project was funded in previous years by WSPC and WSCPR. Andy stated that if you apply certain pesticides you are likely to get mites late in the season. They are proposing to track predation of spider mites, collecting the predators using a leaf picking technique.

#11PG038 Hebert/WSU “Analytical Support for Registration of Azoxystrobin in/on Caneberry”

Vince Hebert presented his proposal on doing a pesticide residue study on caneberry and registration of Azoxystrobin. This project would be made up of four trials. They are currently negotiating \$12,000 from IR-4, to receive around \$3000 per trial. They will be looking at formulations within the trials.

#11PN046 Tanigoshi/WSU “Season long chemical control of spotted wing drosophila, *Drosophila suzuki* (Matsumura) in Washington state blueberries”

Alan Schreiber presented the proposal on chemical control of Spotted Wing Drosophila in WA blueberries. Alan stated that there are a lot of products that will have activity against SWD, however they are not used to treating for insects so close to harvest. They are proposing to do lab bioassays to generate efficacy data as well as do more field efficacy trials. They would like to experiment with different types of applications.

#11AN037 Burrows/WSU “Developing Scouting Program for Spotted Wing Drosophila”

Colleen Burrows proposed to have a coordinating scouting program in western Washington on berries to detect Spotted Wing Drosophila. They will scout strawberries, blueberries, and raspberries, once a week starting in late spring in voluntary grower fields. Tracking would be on a quadrant base. They would like to have 3-5 traps per field depending on field size.

## **New Business**

### *Election of Officers:*

Byron stated that we are free to vote in any two members that we want to serve as Chair and V-Chair. The floor was opened for nominations

*Byron Phillips moved to nominate Ben Barstow for Chair, Harvey Yoshida for Vice-Chair, and Ann George for Treasurer. Bob Berger seconded the motion.*

*Jud Hedine moved to close the floor for nominations. Mark Knutzen seconded the motion.*

*Motions pass unanimously.*

### *Dates and Locations for the year 2011*

Some dates were set at the June 1<sup>st</sup> meeting. Our bylaws state that we cannot meet by telephone but by virtual videoconference. The commission decided on the following dates to for the 2011 year.

March 15, 2011- Mt. Vernon

June 2, 2011- Prosser

Sept 7, 2011- Moses Lake with the possibility of meeting at the Potato Commission.

Our bylaws state that we cannot meet by telephone but by virtual videoconference.

Dec 13-14, 2011 for Funding Meeting- Ellensburg

### **Other Business**

The Commissioners would like a 1-2 page instruction manual for the scoring sheet.

Pam Edwards commented that on March 3<sup>rd</sup> there will be a Labor and Industries Ag safety day. They will show people how to fit test their employees, tractor safety and ladder safety.

Bob Berger requested that the May 7<sup>th</sup>, 2008, November 5-6<sup>th</sup>, 2008, and December 2-3<sup>rd</sup>, 2009 meeting minutes be posted on the website.

Mileage Reimbursement: Travel Expense vouchers need to be turned in by the 10<sup>th</sup> of the month following the meeting date.

### **Proposal Review**

#11PN040 Edmonds/UW “Biocontrol and Fungicide Efficacy with *Cylindrocarpon* spp in Containerized Douglas-fir Seedlings.”

Robert Edmonds presented his proposal on Douglas fir-seedlings. He stated that this project is being done in conjunction with Weyerhaeuser. There are 100 million Douglas fir-seedlings grown annually in the state of Washington. There is also a grant from USDA to help with this project, about \$35,000 which is allocated to an add-on to this project.

#11PN044: Grue/UW “Toxicity of Imidacloprid to Burrowing Shrimp”

Chris Grue gave a brief overview on the progress they have made so far with this project. This proposal will look at the toxicity of imidacloprid to burrowing shrimp. They want to see what type of exposure they can give the burrowing shrimp.

#11AN042 Cook/NCASI “Effects of Forestry Herbicides and Herbivory on Habitat Quality for Big Game in Western Washington”

John Cook presented his proposal to the Commission. He stated that they will be conducting the first detailed study to evaluate herbicide's effect on forage in the Northwest and will simultaneously evaluate how big game herbivory contributes to or overrides herbicide effects. Such work is needed before the issue escalates and new regulations are considered that might further limit herbicide use.

**Rank, Discuss, Funding Decisions**

There was some discussion regarding proposals 11PN002, 11PG028, and 11PN031. In regards to 11PN002 and 11PG028, Erik Johansen commented that these are already registered products with legal use; he questioned why these proposals are a concern to the WSCPR, and is concerned that this is a reach for our mandate. Byron Phillips commented that these address our IPM mandate. Ann George commented that these products cannot be used by the hop industry, and that this is not a customer prohibition but a regulatory prohibition. Doug Walsh commented that the WSCPR sees a lot of proposals that have registered products, which teach us how to use the compounds. Byron stated that this is comparable to finding a new use pattern for the compound.

There was discussion regarding proposals 11PN001, 11AN042, and 11PN041. The commissioners would like for proposal 11PN001 to include that they will survey for Lygus in Western Washington strawberry fields. Doug Walsh stated that this will not be a problem. Byron commented that he thinks proposal 11AN042 is a really cool project; however it has poor cash match and feels that the in-kind amount is bloated. He proposes that we reduce the award to match the cash match. He suggests that we drop the award to \$35,000. Cheryl Talbert commented that she is not sure if the in-kind amount was misstated, because the enclosures are

being made with out of pocket money. Byron Phillips stated that the benefits will need to be removed from proposal 11PN041 in the amount of \$230. He would also like to look at reducing the award to better come in line with the cash match, we need to check with the researcher regarding OSU benefits.

There was discussion on the following proposals.

11PN046: Byron Phillips commented that he feels that this project is not important to Lynell Tanigoshi, he understands that the roads were bad, but everyone else made it. [Lynell did not come to the meeting because of poor road conditions over Snoqualmie Pass.] Mark Knutzen commented that the other researchers did not have a co-cooperator at the meeting like Lynell did. Brian Cieslar commented that this proposal is more hands on compared to the other blueberry proposal.

11PN034: WSU benefits in the amount of \$2779 need to be removed from this proposal.

11PN022: Issues are that it is in the fourth year and that it is only around 100 acres that is in this particular user group.

11PN010: Byron Phillips stated that this is a really good onion thrips proposal. He has a problem with the onion growers not putting any money in. A mechanism needs to be created to collect research money from the onion growers. Alan and/or Jud can take back that the WSCPR will not fund more proposals in the future.

Alan will write a letter to the PNVA to give to their onion growers.

11PG038: Byron suspects that this proposal will be funded regardless of if we fund it or not. The IR-4 monies were cut on this proposal. Brian Cieslar commented that the field trials are scattered and do not include Washington. That this product is used more on blackberries than raspberries, but there is not a blackberry commission in Washington.

11PN040: This proposal has zero cash match, all the match is in kind.

There was discussion of doing a 1:1 match. There were comments that Pappu would have a hard time getting funding from the industry. Iris yellow spot virus is a big problem in the industry. Bob Berger suggested the commission provide two dollars to match every dollar that the PNVA gives up to a limit of \$20,000 of WSCPR funds. Doug Walsh stated that the bulk of the request is for the salary of a PhD student and that he is confused about the two students listed in the budget. He suggested a reduction of half the salary of the student, which would cover one semester.

There was discussion on the following proposals.

11PN011: Byron stated that this proposal is from NARF and not the individual grower that is named on the proposal.

11AN023: Bob Berger does not think that this proposal is warranted and that they should do it on their own, and that most of the poplar is grown in Oregon. Alan Schreiber said that it seems that the species is always changing; it is a well written proposal and has good research.

There was discussion on proposal 11PN006. Byron said that Rick needs to go to the processors for funding. Doug commented that this is a crop injury deal. Alan was directed to send a letter to the researcher that if they want to do this project in the future that they need to go to the user groups.

There was discussion on proposal 11PN044. Byron Phillips stated that the number one issue with this proposal is that user group is only kicking in \$1,900, and the number two issue with this proposal is that the other portion of the match funds are his UW salary. Alan Schreiber, who is a consultant for the oyster growers, commented that several of the objectives are things that we want. One of them is something that we need. We do not have to have this requirement this year. If we do not fund this, we will still have time to get this data.

There was discussion on proposal 11AN023 as to whether or not this proposal has a pest management aspect. This proposal meets all criteria for funding by this entity.