

Washington State Commission on Pesticide Registration

December 2nd – 4th, 2009
Washington Cattleman's Association
Ellensburg, WA
Amended

Approved as Amended:

Chair Byron Phillips presiding.

Commissioners present: Doug Walsh, Bob Berger, Cheryl Talbert, Mark Knutzen, Trent Munden, Ben Barstow, Terry Whitworth, Byron Phillips, Erik Johansen, Ann George, Pam Edwards, Judson Hedine, Rick Hamman, and Brian Cieslar.

Note: Brian Cieslar was only present on December 2nd.

Staff present: Alan Schreiber and Jessica Welch

Call to Order

Byron Phillips called the meeting to order at 12:00pm.

Minutes

Erik Johansen mentioned that the Wapato facility needed to be listed. Byron Phillips had some grammar errors that needed to be changed.

Ben Barstow moved to approve the minutes as amended. Cheryl Talbert seconded the motion. Motion approved unanimously.

Financial Report

Alan Schreiber stated that we have not spent much money since the last meeting. He explained the expenses handout to the new commissioners on how the money that the WSCPR uses is managed by WSU. He explained that the money that we given out does

not get spent as quickly as you would think and pools at WSU. He said that there should be money coming back to us from unspent monies from two years ago. There is \$130,000 that has an end date of December 31st that has not been spent. Alan Schreiber explained that when the researchers realize the money will not be there they often will try to spend as much as they can. He then went through the checks that the commission has spent from the last meeting. Bob Berger mentioned that the 10% forward allocation Alan stated is incorrect. The number should be \$609,742.80.

Ben Barstow moved to accept the financial report as corrected. Ann George seconded that motion. Motion approved unanimously.

Administrator's Report

Alan Schreiber explained that we had more proposals than at any other single meeting. And that we will go until 6:00p.m. this evening. Mark asked about an orientation letter that he received in the mail. Alan Schreiber said that the new members will be going to this and the Commission will cover the cost and that we will only have four meetings a year as opposed to 6 meetings as in the past. Alan Schreiber stated that we will do a Tour again in 2010 and asked the commissioners how to make the tour better.

Alan Schreiber mentioned that what we also have been assigned the Pesticide Notification Network or "PNN" and Compendium of Washington Agriculture Project. Alan Schreiber mentioned that what we have been working on is going through and reading each crop profiles and making any changes that need to be made have been done. The complete compendium as of noon today has been put up on the website. He went through the PNN report and asked if we will do a legislative report and mentioned that the last one sent out was two years ago. He explained why we have done the report and the process we did to make this happen. We budgeted \$5000 to do it in the past, but now we can do more of it in house for less money, it would be mostly for printing. Byron Phillips stated the costs would probably be a good idea to keep the name in front of the legislation, and it might be beneficial to do it electronically and put it up on the website. Alan Schreiber said we have to put together a letter and send it out to the entire legislature, commodity groups, everyone on the mailing list. Doug Walsh mentioned that WSU has a printing service that we could utilize. Doug Walsh said he could have it published cheaper than doing it any other way. Alan Schreiber said we could do this as a pdf and print as needed. Bob Berger mentioned if we made it electronically, when would the first 500 copies printed.

Alan Schreiber said they have one year to spend the money from when the proposals are funded. He also found out that WSU did not spend any of their money for the fiscal specialists which is a total of \$4,000. He stated if someone can't spend the money on time then they receive a call to get an extension. We have one extension right now which is Doug Walsh until May 2010. Alan Schreiber mentioned that we will set a policy of when the money will come back to us. Alan Schreiber said if they want an extension they have to request it.

Proposal Review

#10PN027
Waters/WSU

Tim Waters mentioned that the proposal is on Thrips control on dry bulb onions. Tim said it is to help Washington Onion Growers control thrips. Tim Waters submitted a report to Alan Schreiber. Tim reported on last year's research and stated that they wanted to try different products to see which worked better. Tim mentioned there is not an Onion Commission to support the funding.

#10AN042
Pappu/WSU

Hanu mentioned that the proposal is a continuing project on a virus problem in onions which is thrips and wireworms. Hanu said one of the projects they started working on is screening the northwest to see if there are any pollens of the virus. Hanu said this screening is done in the field for the season and they have to have a certain amount of the virus to make this work. Hanu said that he wants to continue this for another season to determine the dynamics of killing thrips. Hanu mentioned that PNVA did find that it is number one issue that the growers are facing.

#10PN026
Patten/WSU

Kim stated that his proposal is on cranberries. The first has to be on weed control. Kim said there are four other researchers working on weed control and that they will be looking at work that they did last year and putting on new trials and use Noviside for the control of blackheaded fireworm. Kim mentioned that we need to put this on an accelerated pace. Kim said the funding from this is matched from other resources Cranberry Institute, Cranberry Commission, and Ocean Spray. Kim mentioned he is sampling where the black weevil will lay their eggs. Kim mentioned that they are working on new fresh growth. Byron Phillips stated that we have been funding cranberry for 13 years. How many more years will commission funding be needed for this program? Kim said that in 3 or 4 years it will be taken care of.

#10AN029

Peerbolt/Peerbolt Crop Management

Tom mentioned there is a new pest which is Spotted Wing Drosophila. Tom provided a handout from Oregon State. Tom said it's a major threat to ripening fruit and it's a vinegar fly. The spotted wing drosophila has been made an emergency priority with the Raspberry Commission and Blueberry Commission. Tom said that for the 2010 season they are aiming with this proposal to collect solid information on this and get this to growers in the industries as quickly as possible. Ben Barstow asked what this person will be doing with this money. Tom said they will be working on the software and will be set up in a different category that will attract the dynamics in other regions Tom mentioned that he is partnering with WSU, OSU, and WSDA.

#10AN004

Rodstrom & Brown/WSU

Andrew Rush is Browns graduate student. Andrew introduced Mike Berg. Mike mentioned that he is very pleased with the other formulations and is about half the cost of other simpler products. The design for the proposal is they will look at 70 acres of trees and will have 3 reps each and will be challenging the trees. Andrew passed around an example of how they will apply the chemical. Byron Phillips mentioned he is philosophically opposed to using public funds to pay for research with the aim of proving that a generic formulation is somehow better than a branded formulation. Ben Barstow asked how they are measuring leaf area. Andrew said they are using graph paper and calculator.

#10AN006

Brown & Del Pozo/WSU

John mentioned that there is problem for carpenter worm in poplars. It is a massive problem and is a two year cycle. John is trying to do a pheromone base to control carpenter worms. John mentioned that we are taking the males out of the situation. The female will lay percentage of eggs within 24 hours. John mentioned they have been setting traps since 2004. Once the male goes into the device they are dead within an hour. John said if you effectively removed the males the females should not lay eggs. John mentioned they will have progress reports in. Harvey Yoshida asked how many flights are there. John stated that they only have one. Byron Phillips asked how many people the mill employ. Mike mentioned there will be 42 people employed.

#10AN003

Du Toit/WSU

Lindsey sent a picture of pea circles in Washington State and the symptom and problems in peas around the table. Lindsey took a picture of a trial done last year that was funded through Riverpoint Farms. Lindsey said they have to get it early enough to meet the number of contracts they have. Lindsey stated that to collect data, they walk down each strip and collect data from those patches. Alan Schreiber asked that they will harvest the onions. Lindsey stated that some of them will go towards market most will be research. Lindsey stated that two thirds will be dedicated to the project.

#10AN019
Grove/WSU

Mark Nelson presented for Gary Grove. Mark touched base on the impact of Powdery Mildew on Hops. The treatments will be similar to what they were doing in 2009. Ann George mentioned that powdery mildew and mites are the biggest issues. Mark mentioned that growers will go out and spray and not have any luck with it. Mark feels they are making a lot of progress with this.

#10PN008
Walters/WSU

Tom Walter touched base on nematode on raspberries. Tom mentioned that it will make it very difficult to fumigate the way they have done in the past. Alan Schreiber mentioned that this does qualify for an emergency situation. Tom feels that the old chemistries work very well.

#10PN025
Patten/WSU

Kim touched base on burrowing shrimp in oysters. The growers have spent millions in shellfish loss. Kim is looking at imidacloprid formulations and rates. If they can put it out early enough they can get better advocacies.

#10PN010
Tanigoshi/WSU

Lynell Tanigoshi touched base on Spotted Wing Drosophila in raspberries. Lynell Tanigoshi stated that it is a vinegar fly and is unusual because of when it infests fruit. Lynell Tanigoshi stated it affects ripening fruits and will be very problematic. Lynell is working with the Red Raspberry Commission to provide funding. He said the key challenge is timing of each of the different fruits. Alan Schreiber asked who else he has submitted to. Lynell stated it was small fruit, red raspberry, blueberry, and strawberry.

#10AN011
Miles/WSU

Carol Miles talked about Verticillium in Eggplants, Watermelon, and Tomatoes. This project is a proposal starting with a Master Student. Carol mentioned that this project has been submitted to PNVA, MARF, and Watermelon Growers. Alan Schreiber asked if Carol knew how much money was going to be in from the Watermelon Growers. Carol answered that she asked for \$3000.00.

#10AN012
Schroeder/WSU

Brenda talked about storage decay in onions in a post harvest situation. There were numerous storage facilities that were infected with storage rot. Brenda mentioned that the bacterial rot of onions the major thing would be to find a cure for this. Brenda has also been studying a cultivar trial. Brenda said that those non inaugurated bulbs are extremely clean and is very confident with the test. Brenda said the PNVA is requesting 1000 in-kind support is around 6000. Brenda mentioned that it is ranging about 9.00 a bag.

#10AN013
Du Toit/WSU

Lindsey talked about Verticillium Dahliae in Spinach Seed. Lindsey said they have been working on Verticillium since 2002 when it first came as a concern. Alan Schreiber asked how big a market is Mexico. Lindsey said it is pretty large. Lindsey has been doing a lot of work with Verticillium and is trying to identify seed treatments both organic and conventional. Lindsey would like to do some of the work in markets that the seed is sold.

#10AN028
Du Toit/WSU

Lindsey touched base on Fusarium in Radish Seed. Lindsey has seen Fusarium wipe out a radish seed crop entirely. Lindsey is working on finding a way to determine when a field is ready to be planted with radish seed. Lindsey mentioned a lot of the basin is becoming acid soil due to the ammonia that they have in fertilizers. Ben Barstow asked who is doing the soil test. Lindsey is using Soil Test Farm Consultants in Moses Lake.

#10AN037
Grue/UofW

Christian said during pre-registration efficacy trials and, potentially, as part of an integrated pest management strategy for burrowing shrimp, listed green sturgeon may be exposed to both Imidacloprid and Carbaryl. Christian mentioned that the dollar contribution of the growers will pay for the supplies. Byron Phillips asked if he didn't get funding from the commission they would the project move forward. Christian mentioned

that it would not go away, but would be put off to another time until they can be provided that funding.

#10AN038
Grue/UofW

Christian said that with federal listing of green sturgeon as threatened, recent designation of Willapa Bay as critical habitat and use of oyster beds by sturgeon has caused concerns over the toxicity of imidacloprid. Alan Schreiber mentioned that ecology will be the one that would be interested in this for the state permit. Alan Schreiber asked what the poor water is. Christian mentioned it the water in between the sand.

#10AN039
Grue/UofW

Chris Grue proposed to complete a 5-year effort to determine effects of a chemical cocktail, present in urban streams in western Washington coho salmon reproduction. The cocktails consisted of 8 herbicides, 2 insecticides, a fungicide and common breakdown product. Funds were provided by WSCPR in 2009 but were not awarded due to delays in submitting two manuscripts associated with research from year 1 and 2. If the funds are provided (again) that they would complete the study in 2010.

#10AN040
Grue/UofW

Christian Grue talked about Burrowing Shrimp in Oysters. Christian would like the commission to help with funding so that Christian may repeat the test with his students. Christian talked about Imidacloprid may be a viable alternative to Carbaryl for controlling burrowing shrimp. Byron Phillips asked what the \$9700 was for in in-kind funding. Christian said it was going to be used for his lead student.

December 3rd 2009

Byron Phillips asked that the existing commissioners explain how they score proposals for examples to new commissioners. Terry Whitworth asked if the vertical score and the horizontal score is important. Alan Schreiber mentioned that everything is discretionary and that we have not changed the format of the blue sheet since we started. Alan Schreiber said he scores the code card and final score. Alan Schreiber mentioned the only time he puts in a comment is when there is a proposal that needs a comment. Ann George said she looks for the proposal that follows the RFP and they are not missing any sections. Ann George described how the process will work for the decision making part of the meeting regarding when the proposal comes up they will discuss it and bring up any points that need to be pointed out. Mark asked that if two people were to rate a proposal at a zero would that veto the proposal out. Byron Phillips explained that it would not some proposals will score very high, but will not be funded, while others could score

low and still get funded. Ann George mentioned that sometimes proposals will have very limited match and will still be funded. Alan Schreiber mentioned that there are options of voting yes or no. Alan Schreiber explained you can put conditions on the file if needed. Alan Schreiber mentioned that he would like to have more than one funding meeting a year. Alan Schreiber explained that if we have money left over it can go into the money for next year or can be used for new proposals later on. Doug Walsh mentioned that there are fewer researchers than before. Alan Schreiber said he felt that if there was another funding meeting we would have more proposals, but we do not have enough researchers to do the work. Byron Phillips said it's tough to find researchers to work on certain projects. Terry Whitworth asked how much outreach you have from Idaho and Oregon. Alan Schreiber explained that anyone that has submitted a proposal to us gets an RFP. Alan Schreiber felt that Oregon and Idaho have fewer people.

#10AN043
Walsh/WSU

Doug Walsh mentioned that his proposal is regarding an issue of spider mites on mint. Doug Walsh mentioned there are a few registered pesticides on mint. Doug Walsh mentioned you can irritate the mites with the registered pesticides which cause the mites to move around more and lay more eggs. Doug Walsh wants to try the new pesticides to see if it kills the mites and how the mites will react to it. Ben Barstow asked where the colonies come from that will be worked with. Doug Walsh mentioned that they are from hops.

#10PN018
Walsh/WSU

Doug Walsh explained the problem of assorted insects in currants. Doug Walsh said there are a number of pesticides that can be used on currants. Doug Walsh would like to look at the pesticides used on blueberries then apply the use of these pesticides on currants. Doug Walsh said there are several herbicides that he would like to see if they can be used on currants.

#10AN023
Walsh/WSU

Doug Walsh talked about grape mealybug on wine grapes. Doug Walsh is proposing to figure out how many traps in a unit area of vineyard need to be put out and how many mealy bugs are out there. Doug Walsh said it will need to be figured out when the bugs are flying and when to spray. Doug Walsh feels the only bug that is in the state of Washington is the grape mealybug.

#10AN015
Rayapati/WSU

Naidu Rayapati explained the issue of virus and mealybug on grapes. Naidu mentioned that we do not know the vector of grape mealybug in Washington. Naidu needs to know the role of the mealybug and the leafroll disease. Doug Walsh mentioned that they were catching crawlers in the traps.

#10PG016
Patten & Walsh/WSU

Doug Walsh touched base on the issue of burrowing shrimp in Oysters. Doug Walsh said that they will go out to Willapa Bay and apply the applications. Doug Walsh said they will harvest the oysters to GLP standards. Doug Walsh mentioned the oysters will be shucked put in a mason jar over dry ice and sent over to Vince Heabert. Doug Walsh said most of the funding will go to Vince Heabert. *check spelling of last name for Vince* Doug Walsh mentioned that the IR4 is following a GLP protocol.

#10AN017
Yee/USDA

Wee Yee talked about the issue with Apple Maggot Fly in Apples. Wee explained the apple maggot fly is a quarantine test. Wee explained there are other methods other than fumigation. Wee explained he is seeking alternatives to methyl bromide. Wee explained the materials and the methods that he will be using. For example, he has collected the trees and the insects for the project. Bob Berger asked if the Nursery Industry have money to fund this. Wee mentioned that they were going to put \$5000 into this, but Wee is waiting to hear if they will. Erik pointed out the methyl iodide is not registered in Washington.

#10PN020
Schreiber/ADG

Brian Oates mentioned that Wasabi is like a green carrot. Brian touched based on the diseases in Wasabi. Brian mentioned that it can really be grown in any region. Brian mentioned that you do not grow Wasabi in soil. You grow it in hydroponic or grow it in gravel. Brian said that slugs are a problem in growing Wasabi.

#10AN001
Lacey/USDA

Lerry Lacey talked about loopers and wire worms in potatoes. He mentioned they tried two approaches and tried putting spore in row. He would like to make bait that would be usable by farmers and there is a limited option to have control on wire worms. He would like to trap and infect then they will spread the infection to the females. Ann George

asked if Lerry was working on two different viruses. He mentions that the Alfalfa and Celery are a lot the same.

#10AN022
Gent/USDA

David Gent talked about Powdery Mildew in Hops. David said you can see the infection in the leaves. David said how you catch the disease late in the season. David said that what the impact of the sprays for quality is in the late season. David said the goal would be to take all the data to use it as a forecast of what the crop loss is going to be and then the growers can factor in how many sprays they are going to need.

#10PN009
Schreiber/ADG

Alan Schreiber talked about the issue with weeds in blueberries. Alan Schreiber said there really isn't anyone doing research on blueberries in Eastern Washington. Alan Schreiber mentioned the weeds, insects, and diseases are different from Western Washington. Alan Schreiber mentioned there is no data on herbicides on blueberries. Alan Schreiber mentioned that the growers of blueberries would like to have dry fertilizer.

#10PN014
Schreiber/ADG

Alan Schreiber explained corn earworm in sweet corn. Alan Schreiber said that the highest value in the state is organic sweet corn. Alan Schreiber stated that Gemstar and entrust have worked. Alan Schreiber mentioned that if you tank mix them and go through the intervals. Alan Schreiber said they have increases the rate and lengthened the intervals and that seemed to work. Byron Phillips asked if it has to be on certified organic ground. Alan Schreiber answered it does not need to be on certified organic ground.

#10PN021
Schreiber/ADG

Andy Jensen touched base on thrips on potatoes. Andy said they are a pest that is everywhere. Andy said that the thrips have a pesticide application that has very limited success. Alan Schreiber said that the most commonly used to control thrips is being eliminated. Alan Schreiber mentioned that the Potato Commission has funded him each year and the probability of the Potato Commission funding him this year is very good.

#10PN005
Schreiber/ADG

Alan Schreiber touched base on the asparagus aphid in organic asparagus. Alan Schreiber talked about Di-Syston about how it is a threat to salmon and has an order not to use it. Alan Schreiber mentioned they are looking for an alternative for Di-Syston. Alan Schreiber explained you can take a flamer over the field which can help take care of the weeds. Alan Schreiber mentioned that they are only using commercial products that are registered.

#10AN030
Miller/WSU

Tim Miller talked about weed control in organic grapes. Tim said they have been mowing it in the alley ways and using a straight trimmer. Tim said they planted the low wire for irrigation and will be pruning them back this winter. This year they took measurements of growth through the summer and received an aspect of what is working and what is not working. Tim mentioned that this will be last time for this request. Tim mentioned that they have been spending a lot of time hand weeding.

#10AN031
Boydston/USDA

Rick Boydston talked about minimizing assorted weeds in potato fields. Rick handed out a document of worldwide documented herbicide resistance. Rick said they will concentrate on which herbicide will take care of the weeds. They will be collecting seed and then documenting the response. Andy mentioned that it is an important to that the growers know the experience of herbicides. Andy said for weed resistance there is nothing in Washington for it.

#10PN032
Boydston/USDA

Rick Boydston talked about using different herbicides to control assorted weeds in alfalfa seed. Rick mentioned that last year they did do a trial on a grower's field and all of these they did not see any impact on alfalfa seed yields. Rick will be doing this trial in a greenhouse. They will be doing pre and post herbicide to determine how this will affect the assorted weeds. Rick mentioned the budget is to fund the technician.

#10AN033
Boydston/USDA

Rick Boydston talked about weeds in mint fields. Rick mentioned that they are working on finding an herbicide that will take care of the weeds. Rick stated that there is resistance to Terbisil.

#10AN035
Walsh/WSU

Doug Walsh touched base on hop looper in hops. Doug Walsh said there is another moth that is the same grade as the hop looper. Doug Walsh mentioned that they manufactured about 100 bait attractant traps. Doug Walsh mentioned he had gone in front of the hop commission and the commission has agreed on this. Doug Walsh said they will go out and put a new insecticide into the bait stations.

#10AN036
Zack/WSU

Pete what they are trying to do is control Lepidoptera in potatoes. Pete mentioned that they want to determine what the life history and identification guidelines. Pete said when it shows up on the crop, when it lays the eggs, and when it starts to affect the crop. Pete mentioned that this project has been in for three years. The benefit that they are looking forward moving forward with an IPM program. Pete said they have sprays being applied and has a potential to reduce the cost of this to growers. Pete said the risk is that it's not always going to be the same problem or be in the same place, but would like to eliminate that risk. They would like to get a different set of potato fields to get different results then from 2008 and 2009.

#10AN024
Walsh/WSU

Doug Walsh talked about the issue of black blister beetles in alfalfa seed fields. Doug Walsh said that they went out and sampled the active bee beds. Their yields are half of what everyone else's is. Doug Walsh said that the alkali bee has been a help. Doug Walsh is trying to find a compound to help pollinate. The funding that Doug Walsh is asking for is for the graduate student. Doug Walsh said he asked Alan Schreiber for an extension on this project and this is for the fall of 2010 semester.

#10AN044
Walsh/WSU

Doug Walsh talked about rodent control in alfalfa seed. Doug Walsh said that they have done a 60 – 70 acre trial that included tilling, mowing, and then was burned. Doug Walsh did this study two years in a row. Doug Walsh said the alfalfa seed was so nibbled on that it affected the spring growth. They are working on finding a solution to take care of the rodents to be able to promote more growth in the spring.

#10AN045
Walsh/WSU

Doug Walsh talked about the Lygus Bugs in alfalfa seed and strawberries. Doug Walsh said that he proposed to investigate pest and beneficial arthropod species, predatory and

parasitic insect feeding behaviors, and dispersal patterns of Lygus. Doug Walsh mentioned that what they will do is take a 100 lygus and mixing them up to see what is coming from the colony of lygus bugs. Doug Walsh talked about that the matching funds come from Washington alfalfa seed commission and it will be collected for Idaho and Oregon. Doug Walsh said that they has gone and collected 8,000-10,000 lygus bugs and only about 30 were parasitic.

#10PN047
Schreiber/ADG

Andy talked about the problem of beet leafhopper in potatoes. Alan Schreiber said that beetle leaf hopper is the reason sugar beets; tomatoes, etc carry a virus. Alan Schreiber said that it has been here a long time just has not been recognized as a pest. Alan Schreiber said that everyone got together and went over which fields had the problem. Growers almost exclusively use foliar insecticides, most often Pyrethroid Insecticides for control of BLH. Ann George asked Andy Jensen about how he would rank the five potato proposals and Andy stated that all of them have pretty high priority.

Business Meeting on December 3, 2009

Byron Phillips asked if we are going to do anything for the exiting commissioners. Alan Schreiber stated that they will do a nice plaque for them. Bob Berger asked if we gave recognition to Jim Zahan and wife. Alan Schreiber did give them a plaque for that. Byron Phillips asked if Dan Newhouse to be added to the interested parties list. Alan Schreiber asked about a name change with the legislature. Byron Phillips felt that it was not the right time and Alan Schreiber agreed.

Byron Phillips brought up that we need to do election of officers.

Ann George made a motion to retain the existing officers and Trent Munden seconded the motion. Motion approved unanimously.

Alan Schreiber said that we need to come up with a policy regarding the fiscal year. Alan Schreiber said he would like to say that funds that have not been expended within 90 days of the expiration of the award letter will come back to the commission. Ann George commented that Alan Schreiber should draft up a letter with what he feels need to be on that. Alan Schreiber said that within 7 days of next Friday to have the award letters sent out. Those will go into wsu the policy is they are suppose to have accounts set up within 30 days. They can start spending on it immediately and will have access to that money. Alan Schreiber said if we have any policies on how they spend it then we can authorize how they will spend it. Alan Schreiber said that if it is Peerbolt or USDA they have to set up a contract and there is not any paperwork for wsu. Alan Schreiber stated that before that all gets finished it can be a couple months then they can invoice for that money. Alan Schreiber said that after ninety days past the year that they have to spend it, it will come back to the commission. Terry Whitworth asked if they can spend it within that 90 day window. Alan Schreiber said yes if wsu would allow that. Alan Schreiber said that most accounts that we have money left in them. Alan Schreiber stated that he doesn't want to

do anything to deprive researchers of the money that they need. Doug Walsh mentioned that the new system keeps track of payroll and gives account Alan Schreiber. Ben Barstow said that we run it by Ralph and see what he says about it. Byron Phillips said this would be an interim to the policy. Alan Schreiber said that one out of four is overspent by 5000 and they have to put the money back and they have to put it back by December 31st.

Alan Schreiber mentioned that Chris Grue is someone who is doing work that other people are not doing and the research is competently done. Alan Schreiber said that his research has been helpful and positive. Alan Schreiber said that for one of his projects for FIFRA he has not published the data. Alan Schreiber said that he has had inappropriate match/ inadequate match. Alan Schreiber stated that these proposals are submitted by him with minimal or no involvement from the groups. The pesticide and stream proposal had not seen this proposal. Alan Schreiber said he did it with no interaction from friends. Alan Schreiber said he called Heather and she already had it. Alan Schreiber said that she (Heather Hansen) sent him a letter of support at the last minute because she had not seen the report. .

Meeting adjourned at 4:38p.m.

December 4, 2009

#10AN041

Jones/WSU

Vincent Jones talked about the problem of assorted insects in cherries. Vince passed out an example of the complex on cherries. Jim McFerson mentioned this has been an area of research over the last few years. Jim said that the Tree Fruit Research Commission has been funding this year after year. Jim said this is a Western states project and is very important project.

#10AN002

Xiao/WSU

Dr. Xiao talked about post harvest rot in apples. Apples are stored in cold storage for months and every year boxes of apples have a problem with rot. Post harvest diseases can cause problems and are affecting apples. Xiao said to drench apples in fungicide before going into cold storage. Dr. Xiao mentioned that this should control the problem in having any storage rot in the apples after harvest. Jim mentioned that there is a demand for finding a resolution to these fungi.

#10AN034
Beers/WSU

Betsy Beers talked about the problem of the woolly apple aphid in apples. Betsy said that it is to bring biological control back as a component to help in this issue. Betsy said they need to identify pesticides that will work with the woolly apple aphid. Betsy said that acute toxicity is only one component. In the large plots there were to sites one Othello and one Bridgeport. The plans for 2010 are to finish the acute effects. *listen* How can they change the materials and change the timeline. Jim McFerson mentioned they have good control programs for pests, but the woolly apple aphid have become a real problem. Jim mentioned that this one has been a priority for the past few years and they really don't understand or have good control over them. Jim mentioned this is a complete biocontrol program.

#10AN007
Grove/WSU

Gary Grove talked about powdery mildew in cherries. Gary said if you look at when they were introduced was back in 2003. Gary mentioned on the second page of the proposal he put some economic fungicide data. Gary mentioned this project has two components which is practical resistance and develop a PSR on a molecular. This is a matching proposal from the tree fruit research. Gary said it is developing and getting a set of primers. Gary said the request to the WSCPR is for an Ag Research Tech is to do a lot of the physical work. Jim McFerson said that a lot of places will not pack them or ship them with the powdery mildew problem. Jim mentioned that they are getting a much longer season where powdery mildew can be affecting them. Jim said they have encumbered some funds to have a powdery mildew workshop. Jim mentioned that it has direct implications on MRLs. Gary grove pointed out the table and if you look at the powdery mildew in the dos system it is very high.

#10PN046
Peachey/OSU

Ed Peachey talked about the issue of weeds in radish seed. Ed mentioned that the seed is becoming subject to weeds that need to be controlled. Ed said that this will be conducted by ir4. The residue studies will be done, but still need crop safety study. Ed said that stinger controls both of the weeds. Ed passed out letters of support for his proposal. Ed said they have a couple field studies proposed. Each treatment will be replicated four times. Alan Schreiber asked about this being an Oregon problem. Ed mentioned that the benefit that this will be of Washington that this will be an ir4 project.

Other Business

None.

Proposal Funding

Alan Schreiber mentioned the scores for Brian Cieslar will be withheld from the overall scores since he was only present for the first day of presentations, and was not present for the discussion on scoring. His scores for only one day unfairly bias the results. Brian was contacted via phone and agreed that his scores should not be considered. Alan Schreiber said that the top was a 90 which was Grove/Cherry. Alan Schreiber said that the money to spend is \$554,311.66 with allocation forward of 10% would bring the number to \$609,743. Ralph mentioned that with the money that is still in the accounts that there is a few that do not have a determination date and some that have sub contract they will go in and capture those funds. Alan Schreiber asked about something that hasn't gone through purchasing. Ralph said that when that dates hits the money will go back into the account and they will have to do a written letter to request. Alan Schreiber emailed over documentation with all the proposals. Byron Phillips asked what WSU emphasis on grad students and how he deals with funding entities that does not fund grad students. Ralph said they have examined policy of the university that student who have finished their preliminary exam the university will cover their tuition. Byron Phillips mentioned that that is not reflecting in our proposals. Ralph said that there should not be any tuition requested in these proposals. Byron Phillips asked Ralph if he has any comments on the spreadsheet. Byron Phillips mentioned that one of the results from us going to one funding meeting is that we have no obvious break in the scoring. Byron Phillips mentioned that we had fewer proposals and they do not have the opportunity to come back at the next meeting. Ann George mentioned unless we have enough funds left. Byron Phillips suggested pulling off salmon and Peerbolt for discussion.

Ann George mad a motion to approve 10AN007, 10AN0032, 10AN015, 10AN034, 10AN043, 10AN041, 10AN002, 10AN022, 10AN013, 10AN028, 10AN031, 10AN045 at requested amount. Erik Johansen seconded the motion. Motion approved unanimously.

Byron Phillips asked to pull out each of the oyster proposals to discuss each one also wanted to pull out 10AN027. Terry Whitworth felt that they can't be the organic that is something that you can give up on to be able to manage something like weeds. Alan Schreiber felt that this is a solid researcher.

Ann George made a motion to approve 10AN003, 10AN008, 10AN026, 10PN005, 10AN003, 10AN033, 10AN035, 10AN023, 10PN014, 10PN009, 10PN021, 10AN036, 10PN047, 10AN019, 10AN044 at the requested amount. Erik Johansen seconded the motion. Motion approved unanimously.

Ann George explained to Ralph we pulled off all oysters, pesticide control, Peerbolt, Peachey, two poplars, and the three onions. Watermelon will be pulled out to discuss and

wasabi is being pulled out to discuss. Apple maggot flies by Yee to discuss. Spotted wing drosophila pulled out for discussion. Cheryl Talbert asked if currants are about one grower what the significance is. Byron Phillips mentioned that there are 25% of the funds that has to go to one grower. Alan Schreiber explained there are no rules that say that we do not fund for just one grower.

Ann George made a motion to approve 10AN024, 10AN001, 10AN018 at requested amount. Erik Johansen seconded the motion. Motion approved unanimously.

Byron Phillips brought up talking about onions as a group. Byron Phillips mentioned that there is a bunch of growers who do not want to put in any money to put towards projects. Alan Schreiber mentioned that Waters is received \$11,500 for match. Pappu matching funds is \$21,000 which was brought up by Erik. Alan Schreiber said that out of state growers are paying, but Washington growers are not matching. Trent Munden asked if it is not a good thing to get out of state dollars. Alan Schreiber said it is. Alan Schreiber said that they are good researchers and they are problems. Ben Barstow mentioned that the researchers that we fund are supposed to be driven by work that needs to be done by growers. Ann George asked what about funding 75% and the remaining the 25% should be by Washington growers. Alan Schreiber felt that not all should be penalized the same way. Alan Schreiber said that we could not fund number 10AN012 or resubmit or do it provisionally when they can get a match. Byron Phillips felt that if 10AN027, 10AN042 will be funded that in the award letter that they will be looking at in the future for match from Washington onion growers. Erik felt that 10AN027 have a good match. Cheryl Talbert felt that 10AN042 is a good match.

Ann George made a motion to approve 10AN027 and 10AN042 amount requested, but in the reward letter it needs to state that more Washington Growers support in future proposals. Bob Berger seconded the motion. Motion approved unanimously.

Byron Phillips talked about 10AN012 that the history has been getting declining amounts of funds from PNVA should this be less important to us? Cheryl Talbert said that there is a lot of student time. Alan Schreiber said that one onion shed going bad would fund this. Ann George suggested funding \$7000.

Erik Johansen made a motion to fun 10AN012 in the amount of \$7000. Trent Munden seconded motion. The award letter is to include that they receive more direct grower involvement. Expectations are that if they need more money they can receive if they can receive more grower support. Alan Schreiber would talk with her regarding this. Approved unanimously.

Byron Phillips brought up 10AN017. Byron Phillips felt that the tree fruit industry has tried to get Dr. Yee to focus his work on research that would be a priority to the industry. This proposal is no related to the tree fruit industry. Byron Phillips said that this came from a nursery group. Byron Phillips said the work itself is not an important to the tree fruit industry. Byron Phillips said there are no nurseries commercially selling apple trees. Bob Berger asked if the trees are seedling or are they bare root under stock. Byron

Phillips said they are under stock. Bob Berger said in summer there is a grower selling under stock about 5 acres. Doug Walsh mentioned that Bill Hall saying that he is the chair of that group will make that group legit. Byron Phillips asked Doug Walsh if Bill knew about proposal. Doug Walsh said he was not sure. Byron Phillips said that this is more of a west side issue than an east side issue.

Bob Berger made a motion to table 10AN017 and consider at a later date after more information of the background and user support at the next meeting. Ben Barstow seconded. Motion approved. 3 opposed.

10PN020 – Byron Phillips felt that there is no problem. Jud Hedine had concerns with what he felt was a proprietary nature of the proposal and didn't like dealing with unknown disease. Cheryl Talbert said that they need to know what the disease is and what the chemical is. Ann George said that by the time they figure this out there will be quite a few other growers. Alan Schreiber mentioned there are 7 wasabi growers.

Ann George made motion to approve 10PN020 as requested. Erik Johansen seconded the motion. Motion approved. 3 opposed.

10AN029- Peerbolt Byron Phillips felt that his issue is that tom Peerbolt has a good reputation but that this proposal has a lot of problems. One of Byron Phillips's issues is too much money and second is spending public funds to rewrite proprietary software that is already owned by another company. Byron Phillips said this will never become public. Alan Schreiber said that there are some small contributors to collect info and submit it every couple weeks. Byron Phillips said that Tom Peerbolt he is not paying the extension people to do it. Alan Schreiber is liable to get a substantial amount of money from other funding sources.

Trent Munden moved to decline funding for 10AN029. Pam Edwards seconded the motion. Motion approved unanimously.

10AN010- Byron Phillips said that the proposal and work is great. Byron Phillips felt the issue is not following guidelines and not addressing the way the proposals need to be done. Bob Berger agreed with Byron Phillips. Harvey Yoshida would like to reduce the amount and Byron Phillips agreed. Doug Walsh said that there were meetings that he participated in and came up with wish list of insecticides for Lynell Tanigoshi. Doug Walsh said there has been more work added to it. Mark said presentation needs work but research data on his recent project was done well. Mark mentioned that all of his proposals are the same. Erik said if it is funded Erik would have to rewrite consistent to the format any missing info is included then it will be funded. Alan Schreiber said they have done that before and it didn't send the message. Ben Barstow said that this is one of his better ones. Cheryl Talbert said this is not the worst proposal. Byron Phillips said that he will have the administrator to express concerns to Lynell Tanigoshi. Alan Schreiber said this is a very high priority.

Ann George made a motion to approve 10AN010 in the requested amount. Mark Knutzen seconded the motion. Motion approved unanimously.

Ralph said that regarding the tuition the students funded on these dollars their tuition is covered centrally. Alan Schreiber mentioned that Tanigoshi is asking for \$9,000 from and Ann George asked about the \$3,500 from benefits. Alan Schreiber asked if there is any graduate student money that shouldn't be requested. Ralph said if there is enough money in the WSCPR. Grad student's benefit goes away too and there will be no benefits. Ann George suggested moving this discussion to march meeting. Byron Phillips asked if there is someone from Ralph's office that can cross check this.

10AN004 – Byron Phillips mentioned that because of the issues the poplar proposals are on the bottom. For the last two years it has been the bottom proposals. Byron Phillips said that they ask for the same amount of money. Byron Phillips mentioned that he has a problem spending our dollars to fund a comparison between generic products as a branded product. Byron Phillips mentioned that with the traps it doesn't seem like a financial issue. Doug Walsh said that the commission is to register pesticides. Doug Walsh said that the industry is in hardship and they still give funds for John Brown. Doug Walsh said that they are going to get a new pest every year and never failed to get a pesticide registered. Doug Walsh mentioned that he has put a lot of time into it and has been acknowledged nationally. Doug Walsh also said that he is always good about acknowledging the support of the WSCPR. Erik feels that 10AN004 do not sound like a good proposal and it's just a different name put on the label. Erik feels that 10AN006 seem that it's a good proposal.

Trent Munden made a motion to decline funding for 10AN004. Erik Johansen seconded the motion. Motion approved. 1 opposed.

Cheryl Talbert mentioned that it's throwing good money after bad and this is a crop that is moving from one pest to another. Cheryl Talbert said this is the world's solution to pulp. Cheryl Talbert said it's a high input crop. Alan Schreiber said that if we do not fund it will continue but it will be scaled back. \$1,444 in benefits will be taken off by WSU. If John would have known that, he would have only asked for the stipend. Ralph said the rate will be low also. Doug Walsh talked about the stipend for a master student \$6,824. Doug Walsh said they pay a PhD student a hundred more a month.

Trent Munden made a motion to approve 10AN006 in the amount requested. Ben Barstow seconded the motion. Motion approved. 2 opposed.

10AN039 – Alan Schreiber mentioned that the issue is a big deal. There will not be a dollar moved to him. Byron Phillips said the study is done and this amount publishes the study. The Commission feels it would not fund this proposal except for that the issues underlying the topic are so important.

Ben Barstow made a motion to fund 10AN039 in the requested amount. Rick Hamman seconded it. Approved unanimously.

10AN046- Byron Phillips said his concern with this proposal dealt with the importance to Washington for radish seed and if Washington wants to register stinger. Alan Schreiber doesn't think we should fund things because we don't want to hurt their feelings. Ann George mentioned is there \$5,000 worth to Washington to fund this.

Trent Munden made a motion to decline funding for 10AN046. Erik Johansen seconded it. Approved unanimously.

10AN011 – Bob Berger felt that all the information has already been done elsewhere and they are going to redo this. Alan Schreiber said that he has invested interest in the proposal. Alan Schreiber said that these crops are high dollar value crop and would ever risk just because it's written in the paper. Alan Schreiber wants to see if this works or not. Bob Berger said he didn't see in the proposals that they are going to explore the under stock. Alan Schreiber said she is using different varieties on top and different varieties on the bottom. Alan Schreiber is growing them in the greenhouse.

Ben Barstow made a motion to fund 10AN011 in the requested amount. Cheryl Talbert seconded the motion. Motion approved. 1 opposed.

Byron Phillips mentioned about oysters in general is that take legislative provisional money out that is not contributing anything to save themselves from extinction. Byron Phillips said that we need to send a message to the oyster industry. Ben Barstow asked if 47 million is just in Willapa Bay. Alan Schreiber said no it's not. Alan Schreiber said the oyster growers routinely get lawsuits against them and ecology is on them. Alan Schreiber said they kick in a fair amount in cash in in-kind. Alan Schreiber mentioned that the lawyers took it over and they are trying to do it through legal means. Alan Schreiber mentioned that they don't have enough money to go around. Alan Schreiber said we have enabled to them to do a lot of things because we will go ahead and fund it.

Trent Munden made a motion to deny funding for 10AN037 and 10AN038. Erik Johansen seconded the motion. Declining in concerns that there is insufficient match and been carrying for years. Approved unanimously.

Ann George made a motion to approve 10AN016, 10AN025, 10AN040 in the requested amount. Rick Hamman seconded the motion. Motion approved unanimously.

Ann George made a motion to adjourn the meeting. Trent Munden seconded the motion. Motion approved unanimously.

Meeting adjourned on December 4, 2009 at 12:24pm

