

## Section II

### Bee Poisoning, Environmental Toxicology, Regulatory Issues

#### **WASHINGTON STATE COMMISSION ON PESTICIDE REGISTRATION**

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In response to the unmet pest management needs, the Washington legislature unanimously voted to create the Washington State Commission on Pesticide Registration (WSCPR) in 1995. The purpose of the Commission was to obtain and maintain pesticide registration for minor uses and minor crops in Washington State. The Commission was to be made up of 12 voting members from various stakeholder groups and 5 public sector state agencies. The Commission was given a \$500,000 budget. In 1999, the WSCPR's mandate was expanded to cover all aspects of integrated pest management. Accordingly, the budget of the Commission was expanded.

Since its inception, the Commission has funded more than 400 projects impacting approximately 100 crops. The past, present and expected economic impact of these projects is estimated to be more than \$1 billion. The primary recipient of WSCPR funds has been Washington State University, which has received in excess of 66% of Commission funds. University of California – Davis has been the second largest recipient of funds, followed by Oregon State University. Private entities have received less than 5% of Commission funds.

The Commission continues to seek out worthwhile projects. Proposals must be submitted by a group, formally structured or not, that controls pests. Universities, researchers and extension specialists are not qualified to submit proposals, but may do so on behalf of a requesting group. Anyone wishing to submit a proposal to the Commission should first carefully review its Request for Proposals, which may be found at [www.wscpr.org](http://www.wscpr.org).

Washington State Commission on Pesticide Registration, October 25, 2005, Ellensburg, WA										
#	WSCP#	Commodity	Chemical or Pest	Project Type	Researcher & Institution	Old Mandate	New Mandate	Matching in cash	Matching in kind	Total Project Cost
1	06AN001	Hops	Mites	IPM	James/WSU		16,170	16,170		32,340
2	06AN002	Wine Grapes	Mites	IPM	James/WSU		16,170	16,170		32,340
3	06AN003	Wine Grapes	Viruses	IPM	Rayapati/WSU	not funded, invited for resubmission				
4	06PN004	Onion Seed	IYSV	E, P	duToit/WSU	11,460		7,500	2,000	20,960
5	06PN005	Beef	Parasites	E, IPM	Walsh/WSU	not funded, invited for resubmission				
6	06AN006	Poplar	Insects	E, IPM	Brown/WSU	not funded, invited for resubmission				
7	06PN007	Grass Hay	Mites	E, IPM	Walsh/WSU	7,293	7,292	5,000	3,000	22,585
8	06PN008	Alfalfa	Lygus	E, R, IPM	Walsh/WSU	15,000	5,000	20,000	5,000	45,000
9	06PN009	Alfalfa Seed	Bees	E, O	Walsh/WSU	7,500	7,500	15,000	500	30,000
10	06AN010	Apple/ULV	Codling Moth	E, IPM	Knight/WSU	not funded				
11	06AN011		Ag Information	O	Schreiber/ADG	Tabled until the next meeting				
12	06PN012	Veg Seeds	Weeds	E, P,	Boydston/USDA	4,000		4,000		8,000
13	06PG013	Mint	Analysis	R	Hebert/FEQL WSU	18,495		20,000		38,495
14	06AN014	Tilth	Weeds	IPM	Gallagher/WSU	not funded				
15	06PN015	Ornamentals	Pesticides	E, P, IPM, R	Walsh/WSU	not funded, invited for resubmission				
16	06PN016	Raspberry	Nematodes	E	Riga/WSU	11,000			8,000	19,000
17	06AN017	Wheat	CLB	IPM	Roberts		9,660	9,660		19,320
18	06PN018	Lima Beans	Weeds	E, P	Boydston	6,000	6,000	3,000	250	15,250
19	06PG019	Agriculture	GLP Residue	R	Wight/WSU	not funded, invited for resubmission				
20	06AN020	Potato	PTM	IPM	Lacey/USDA		25,000	75,000		100,000
21	06PN021	Tulip	Weeds	E, P	Miller/WSU	3,223		3,000	223	6,446
22	06AN022	Apples	Mites	IPM	Beers		12,560	22,281		34,841
23	06AN023	Salmon	Toxicity	O	Grue		5,852	8,043		13,895
						83,971	111,204	224,824	18,973	438,472
					Total Funded	195,175				
Key: E=Efficacy, E Fate=Environmental Fate, IPM=Integrated Pest Management, P=Phytotoxicity, PR=Pesticide Resistance Study, B=Biocontrol, R=Residue, O=Other										

Washington State Commission on Pesticide Registration Portland, Oregon January 10 and 11, 2006										
	WSCP#	Commodity	Chemical or Pest	Project Type	Researcher and Institution	Old Mandate	New Mandate	Matching in Cash	Matching in Kind	Total Project Cost
1	06AN024	Pest Control	Ants	E, IPM	Hansen/SFCC		9,000	9,000		18,000
2	06AN025	Red Raspberry	Root Rot	IPM	Walters/WSU		7,041	7,041	500	14,582
3	06PN026	Grass Seed	Weeds	E, P	Ball/OSU	15,250		25,650		40,900
4	06AN027	Pest Control	Ants	O	Hansen/SFCC		5,610	5,610		11,220
5	06AN028	Potatoes	Wireworm	IPM	Horton/USDA-ARS		13,000	15,000	53,500	81,500
6	06PN029	Carrot Seed	Mildew	E, IPM	duToit/WSU	4,650	4,650	5,000	1,600	15,900
7	06PN030	Red Raspberry	Weeds	E, P, IPM	Miller/WSU	4,600		2,500	500	7,600
8	06AN031	Spinach Seed	Wilt	E, IPM	duToit/WSU	2,723	8,172	7,895	1,500	20,290
9	06AN032	Grass Seed	Disease	E, IPM	Hamm/OSU	2,800	5,200	6,000		14,000
10	06AN033	Sweet Corn	Virus	IPM	Trent/WSU		10,200	6,400	8,376	24,976
11	06PG034	Pear/Lentil	Linuron	R	Yenish/WSU	4,500		4,500	15,000	24,000
12	06AN035	Spinach Seed	Virus	IPM, O	duToit/WSU		6,000	1,000	2,000	12,000
13	06AN036	Hops	Insectaries	IPM	James/WSU		4,469	4,469		8,938
14	06AN037	Hops	Hop Looper	IPM	James/WSU		7,376	7,376		14,752
15	06PN038	Conifers	S. O. D.	E, P	Chastagner/WSU	15,084		15,084		30,169
16	06AN039	Tilth	Weeds	IPM	Miles/WSU		15,355		10,000	25,355
17	06PN040	Nurseries	Weeds	E, P, IPM	Boydston/WSU	3,825	675		3,750	8,250
18	06AN041	Poplar	Insect Survey	E, IPM	Brown/WSU	18,648	18,648	30,750	26,500	94,546
19	06PN042	Asparagus	Weeds	E, P	Schreiber/ADG	22,500		21,000	1,500	45,000
20	06PN043	Conifers	Twig Borer	E, O	Stark/WSU	7,739	7,738	15,477		30,954
21	06PN044	Cranberry	Pesticides	E, P, IPM	Patten/WSU	16,920	1,880	18,170	7,800	44,770
22	06PN045	Weed Board	Knotweed	E	Patten/WSU	2,250		2,000	250	4,500
23	06PN046	Oyster	Brwing Shrimp	E, IPM	Patten/WSU	19,104	4,776	34,008	2,500	60,388
24	06AN047	Nurseries	Thrips	E, P, IPM, PR	Walsh/WSU	6,149	6,149	7,843	5,000	25,681
25	06PN048	Conifers	Equipment	E, P	Chastagner/WSU	19,592		19,593		39,185
26	06AN049	Potatoes	PTM	IPM	Rondon/WSU		38,750	39,250		78,000
27	06PN050	Veg Seed	BLTVA	E, P	Schreiber/ADG	3,500		2,500	1,000	7,000
28	06PN051	Brassica	Growth Regltrs	E, P	Volker/ExcelAg	6,000		4,000	4,000	14,000
29	06AN052	Tree Fruits	Decision Aids	IPM	Beers/WSU	23,146		63,029		86,175
30	06PN053	Apples	Rot	E, IPM	Xiao/WSU	10,080	2,520	14,089		26,689
31	06PN054	Mint	Armyworm	E, IPM	Walsh/WSU	10,462	3,487	15,000	1,000	29,949
32	06AN055	Shellfish	Brwing Shrimp	IPM, O	Booth/PSI	1,250	5,000	1,500	2,800	10,550
33	06PN056	Peas	Nematodes	E, IPM	Hamm/OSU	4,000	4,000	6,000		14,000
34	06AN057	Oyster	Salmonid	IPM, O	Grue/U of W		32,493	6,060	11,524	50,077
35	06PN058	Blueberry	Mummyberry	E, P	Schreiber/ADG	8,000		8,000		16,000
36	06AN003	Wine Grapes	Viruses	IPM, O	Rayapati/WSU		18,521	36,150		54,671
37	06PN005	Beef Cattle	Arthropods	E, IPM	Walsh/WSU	6,558	15,302	12,902	12,200	46,962
38	06AN011	Agriculture	Various	Book	Schreiber/ADG		30,000			30,000
						239,330	286,012	479,846	172,800	1,181,529
					Total Requests	525,342				
Key: E-Efficacy trial; E Fate-Environmental Fate; IPM-Integrated Pest Management; P-Phytotoxicity; PR-Pesticide Resistance; R-Residue; B-Biocontrol; O-Other										

**Portland, Oregon Meeting January 4 and 5, 2005**

#	WSCP#	Commodity	Chemical or Pest	Project Type	Researcher and Institution	Old Mandate	New Mandate	Matching in cash	Matching in kind	Total Project Cost
19	05AN019	Potatoes	Wireworm	IPM	Horton / USDA-ARS		15,400	19,300		34,700
20	05PN020	Mint	Weeds	E,P	Boydston / USDA	4,000		12,889		16,889
21	05PN021	Snap Beans	Weeds	E,P	Boydston / USDA	3,000		2,000	100	5,100
22	05AN022	Pest Controllers	Ants	IPM, O	Hansen / SFCC		3,132		3,132	6,264
23	05AN023	Red Raspberries	Various pests	Equipment	Nicholson / WSU	1,178	2,750	3,000		6,928
24	05AN024	Pest Controllers	WDOs	IPM	Foss / WSU		11,990	20,504	5,383	37,877
25	05AN025	Tree Fruit	Leafrollers	E, IPM, PR	Brunner / WSU	6,152	18,453	25,898		50,503
26	05AN026	Red Raspberries	Root Rot	IPM	MacConnell/WSU		30,000	10,000		40,000
27	05PN027	Peas/Limas	Disease	E, IPM	Hamm / OSU	6,000	6,000	6,000		18,000
28	05AN028	Carrot	Disease	E,IPM,PR	Hamm / OSU	1,800	7,200	5,000		14,000
29	05AN029	Grass seed	Disease	E, IPM	Hamm / OSU	2,800	5,200	8,000		16,000
30	05PN030	Cranberry	Multiple Pests	E, P, IPM	Patten/Bristow/WSU	18,800		18,170	7,800	44,770
31	05PN031	Oyster	Burrowing Shrimp	E, IPM	Patten / WSU	19,286	4,821	18,467	1,000	49,074
32	05AN032	Wheat	Weeds/Disease	IPM	Gallagher / WSU		14,000	14,000		28,000
33	05AN033	Hops	Mites and Aphids	IPM	James/ WSU		4,037	4,037		8,074
34	05AN034	Hops	Hop Looper	IPM	James/ WSU		7,293	7,293		14,586
35	05AN035	Tree Fruit	Weather System	IPM	Pierce/Elliot/WSU		35,000	115,022		150,022
36	05AN036	Potatoes	Potato Tuber Moth	E, IPM	Hamm / OSU	5,381	9,994	38,050		53,425
37	05PN037	Christmas Trees	Root Aphids	E	Stark / WSU	7,782		7,782		15,564
38	05PN038	Christmas Trees	Disease	E, P	Chastagner/Hansen	13,242		26,374		39,616
39	05PN039	Apple	Rot	E, IPM	Chang-Lin Xiao	10,080	2,520	13,372		25,972
40	05AN040	Butterflies	Herbicides	IPM	Schultz / WSU		18,164	17,969	4,866	40,999
41	05PN041	Asparagus	Aphids/ Weeds	E, P	Schreiber/ ADG	26,500		26,500	4,500	57,000
42	05AN042	Grains	Cereal Leaf Beetle	IPM	Miller/Pike/Roberts		6,980	15,592		23,072
43	05AN043	Organic Vegetables	Green Peach Aphid	IPM	Miller/Pike/Snyder		7,400	9,800		17,200
44	05PN044	Dill Growers	Weed Control	E, P	Schreiber/ ADG	6,000		3,000		9,000
45	05PN045	Bean Seed	Leafhoppers	E, P	Schreiber / ADG	3,500		2,500		6,000
46	05PN046	Nursery	Structural Pests	E, IPM, PR	Walsh / WSU	22,500	7,500	30,000	12,750	72,750
47	05AN047	Potato	Green Peach Aphid	IPM	Pike/ Rayapati		29,690	24,685	20,347	74,722
48	05PN048	Concord Grapes	Thrips	E, IPM	Walsh / WSU	5,148	572	9,000		14,828
49	04AN049	Carrots	Carrot Rust	IPM	Muehleisen/Riga		15,615		15,500	31,115
50	05AN050	Bees	Mites	IPM	Sheppard / WSU	2,977	11,907	2,000	6,000	22,884
51	05AN051	Bees	Mites	IPM	Sheppard / WSU		16,660		14,000	30,660
52	05AN052	Oysters	Herbicide Toxicity	O	Grue		13,890	2,250	21,403	37,543
53	05PN053	Blueberries	Weed Control	E, P, IPM	Miller/ WSU	1,790	1,790	3,564		7,144
54	05PN054	Beet/Chard Seed	Weed Control	E, P	Miller/ WSU	4,340		3,280		7,620
55	05AN055	Oysters	Burrowing Shrimp	IPM, O	Booth/Cheney/ PSI					
56	05AN056	Apples	Thrips	IPM	Horton / WSU		10,000	15,000		25,000
57	05PN057	Grass seed	Weeds	E, P	Ball / OSU	14,500		15,150		29,650
58	05PN058	Peas/Lentils	Broadleaf Weeds	E, P, IPM, O	Yenish/ WSU	7,500	2,500	5,000		15,000
59	05PN059	Blueberries	Aphids/Root Weevils	E	Tanigoshi / WSU	3,775		3,775		7,550
								564,223	116,781	1,205,101
					<b>FY 2005 Proposed Projects Totals:</b>	<b>198,031</b>	<b>\$320,458</b>	<b>\$564,223</b>	<b>\$367,180</b>	<b>\$1,881,481</b>
					<b>Total Requested: \$518,489</b>		<b>Total Match \$931,403</b>			