

Section II

Bee Poisoning, Environmental Toxicology, Regulatory Issues

WASHINGTON STATE COMMISSION ON PESTICIDE REGISTRATION

A.S. Schreiber

Washington State Commission on Pesticide Registration

2621 Ringold Road, Eltopia, WA 99330

509 266 4348

aschreib@centurytel.net

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.

October 27, 2004 Yakima Meeting

[illegible]

Portland, Oregon Meeting January 4 and 5, 2005

| # | WSCPR # | 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 |
| | | | | | FY 2005 Proposed Projects Totals: | 198,031 | \$320,458 | \$564,223 | \$367,180 | \$1,881,481 |

Total Requested: \$518,489

Total Match \$931,403

Key: E-Efficacy Trial; E. Fate-Environmental Fate; IPM-Integrated Pest Manageme P-Phytotoxicity PR- Pesticide Resistance R- Residue B-Biocontrol O-Other