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5 Strike everything after the enacting clause and insert the
6 following:

7 "NEW SECTION. **Sec. 1.** The legislature finds that public
8 concerns are increasing about the need for significant efforts to
9 develop sustainable systems in agriculture. The sustainable systems
10 would address many anxieties, including the erosion of agricultural
11 lands, the protection of natural resources, and the safety of food
12 production. Consumers have demonstrated their apprehension in the
13 marketplace by refusing to purchase products whose safety is suspect
14 and consumer confidence is essential for a viable agriculture in
15 Washington. Examples of surface and ground water contamination by
16 pesticides and chemical fertilizers raise concerns about deterioration
17 of environmental quality. Reducing soil erosion would maintain water
18 quality and protect the long-term viability of the soil for
19 agricultural productivity. Both farmers and farm labor are
20 apprehensive about the effects of pesticides on their health and
21 personal safety. Development of sustainable farming systems would
22 strengthen the economic viability of Washington's agricultural
23 production industry.

24 Public anxieties over the use of chemicals in agriculture have
25 resulted in congress amending the federal insecticide, fungicide and
26 rodenticide act which requires all pesticides and their uses registered
27 before November 1984 to be reregistered, complying with present
28 standards, by the end of 1997. The legislature finds that the

1 pesticide reregistration process and approval requirements could reduce
2 the availability of chemical pesticides for use on minor crops in
3 Washington and may jeopardize the farmers' ability to grow these crops
4 in Washington.

5 The legislature recognizes that Washington State University
6 supports research and extension programs that can lead to reductions in
7 pesticide use where viable alternatives are both environmentally and
8 economically sound. Yet, the legislature finds that a focused and
9 coordinated program is needed to develop possible alternatives,
10 increase public confidence in the safety of the food system, and
11 educate farmers and natural resource managers on land stewardship.

12 The legislature further finds that growers, processors, and
13 agribusiness depend upon pesticide laboratories associated with
14 manufacturers, regional universities, state departments of agriculture,
15 and the United States department of agriculture to provide residue data
16 for registering essential pesticides. The registration of uses for
17 minor crops, which include vegetables, fruits, nuts, berries, nursery
18 and greenhouse crops, and reregistration of needed chemicals, are
19 activities of particular concern to ensure crop production.
20 Furthermore, public demands for improved information and education on
21 pesticides and risk assessment efforts justify these efforts.

22 The legislature further finds that multiple alternatives are needed
23 for pest control, including programs for integrated pest management,
24 genetic resistance to pests, biological control, cultural practices,
25 and the use of appropriate approved chemicals."

26 "NEW SECTION. Sec. 2. Unless the context clearly requires
27 otherwise, the definitions in this section apply throughout this
28 chapter.

1 (1) "Center" means the center for sustaining agriculture and
2 natural resources established at Washington State University.

3 (2) "Laboratory" means the food and environmental quality
4 laboratory established at Washington State University at Tri-Cities.

5 (3) "Integrated pest management" is a strategy that uses various
6 combinations of pest control methods, biological, cultural, and
7 chemical, in a compatible manner to achieve satisfactory control and
8 ensure favorable economic and environmental consequences.

9 (4) "IR-4 program" means interregional research project number
10 four, clearances of chemicals and biologics for minor or special uses,
11 established in 1963 by the cooperative state research service of the
12 United States department of agriculture, the coordinated national
13 program involving land-grant universities and the United States
14 department of agriculture to provide data required for the registration
15 of pesticides needed for the production of minor crops.

16 (5) "Natural resources" means soil, water, air, forests, wetlands,
17 wildlands, and wildlife.

18 (6) "Pesticide" means chemical or biologic used to control pests
19 such as insect, rodent, nematode, snail, slug, weed, virus, or any
20 organism the director of agriculture may declare to be a pest.

21 (7) "Registration" means use of a pesticide approved by the state
22 department of agriculture.

23 (8) "Sustainable agriculture" means a systems approach to farming,
24 ranching, and natural resource production that builds on and supports
25 the physical, biological, and ecological resource base upon which
26 agriculture depends. The goals of sustainable agriculture are to
27 provide human food and fiber needs in an economically viable manner for
28 the agriculture industry and in a manner which protects the environment
29 and contributes to the overall safety and quality of life."

1 "NEW SECTION. **Sec. 3.** It is the understanding of the
2 legislature that the establishment of a center for sustaining
3 agriculture and natural resources is a high priority for Washington
4 State University and that the university can proceed with establishing
5 the center even without additional state funding. Therefore, a center
6 for sustaining agriculture and natural resources is established at
7 Washington State University. The center shall provide state-wide
8 leadership in research, extension, and resident instruction programs to
9 sustain agriculture and natural resources. The center shall operate
10 even without additional state funding for this purpose."

11 "NEW SECTION. **Sec. 4.** The center's primary activities include
12 but are not limited to:

13 (1) Research programs which focus on developing possible
14 alternative production and marketing systems through:

15 (a) Integrated pest management;

16 (b) Biological pest control;

17 (c) Plant and animal breeding;

18 (d) Conservation strategies; and

19 (e) Understanding the ecological basis of nutrient management;

20 (2) Extension programs which focus on:

21 (a) On-farm demonstrations and evaluation of alternative production
22 practices;

23 (b) Information dissemination, and education concerning sustainable
24 agriculture and natural resource systems; and

25 (c) Communication and training on sustainable agriculture
26 strategies for consumers, producers, and farm and conservation-related
27 organizations;

1 (3) On-farm testing and research to calculate and demonstrate costs
2 and benefits, including economic and environmental benefits and trade-
3 offs, inherent in farming systems and technologies;

4 (4) Crop rotation and other natural resource processes such as
5 pest-predator interaction to mitigate weed, disease, and insect
6 problems, thereby reducing soil erosion and environmental impacts;

7 (5) Management systems to improve nutrient uptake, health, and
8 resistance to diseases and pests by incorporating the genetic and
9 biological potential of plants and animals into production practices;

10 (6) Soil management, including conservation tillage and other
11 practices to minimize soil loss and maintain soil productivity; and

12 (7) Animal production systems emphasizing preventive disease
13 practices and mitigation of environmental pollution."

14 "NEW SECTION. Sec. 5. The center is managed by an
15 administrator. The administrator shall hold a joint appointment as an
16 assistant director in the Washington State University agricultural
17 research center and cooperative extension.

18 (1) A committee shall advise the administrator. The dean of the
19 Washington State University college of agriculture and home economics
20 shall make appointments to the advisory committee so the committee is
21 representative of affected groups, such as the Washington department of
22 social and health services, the Washington department of ecology, the
23 Washington department of agriculture, the chemical and fertilizer
24 industry, food processors, marketing groups, consumer groups,
25 environmental groups, and natural resource and agricultural
26 organizations.

27 (2) Each appointed member shall serve a term of three years, and
28 one-third are appointed every year. The entire committee is appointed
29 the first year: One-third for a term of one year, one-third for a term

1 of two years, and one-third for a term of three years. A member shall
2 continue to serve until a successor is appointed. Vacancies are filled
3 by appointment for the unexpired term. The members of the advisory
4 committee shall serve without compensation but shall be reimbursed for
5 travel expenses incurred while engaged in the business of the committee
6 as provided in RCW 43.03.050 and 43.03.060.

7 (3) It is the responsibility of the administrator, in consultation
8 with the advisory committee, to:

9 (a) Recommend research and extension priorities for the center;

10 (b) Conduct a competitive grants process to solicit, review, and
11 prioritize research and extension proposals; and

12 (c) Advise Washington State University on the progress of the
13 development and implementation of research, teaching, and extension
14 programs that sustain agriculture and natural resources of Washington."

15 "NEW SECTION. Sec. 6. A food and environmental quality
16 laboratory is established at Washington State University at Tri-Cities
17 to conduct pesticide residue studies concerning fresh and processed
18 foods, in the environment, and for human and animal safety. The
19 laboratory shall cooperate with public and private laboratories in
20 Washington, Idaho, and Oregon."

21 "NEW SECTION. Sec. 7. The responsibilities of the laboratory
22 shall include:

23 (1) Evaluating regional requirements for minor crop registration
24 through the federal IR-4 program;

25 (2) Conducting studies on the fate of pesticides on crops and in
26 the environment, including soil, air, and water;

27 (3) Improving pesticide information and education programs; and

1 (4) Assisting federal and state agencies with questions regarding
2 registration of pesticides which are deemed critical to crop
3 production, consistent with priorities established in section 8 of this
4 act; and

5 (5) Assisting in the registration of biopesticides, pheromones, and
6 other alternative chemical and biological methods."

7 "NEW SECTION. Sec. 8. The laboratory is advised by a board
8 appointed by the dean of the Washington State University college of
9 agriculture and home economics. The dean shall cooperate with
10 appropriate officials in Washington, Idaho, and Oregon in selecting
11 board members.

12 (1) The board shall consist of one representative from each of the
13 following interests: A human toxicologist or a health professional
14 knowledgeable in worker exposure to pesticides, the Washington State
15 University vice-provost for research or research administrator,
16 representatives from the state department of agriculture, the
17 department of ecology, the department of health, the department of
18 labor and industry, privately owned Washington pesticide analytical
19 laboratories, federal regional pesticide laboratories, an Idaho and
20 Oregon laboratory, whether state, university, or private, a chemical
21 and fertilizer industry representative, farm organizations, food
22 processors, marketers, farm labor, environmental organizations, and
23 consumers. Each board member shall serve a three-year term. The
24 members of the board shall serve without compensation but shall be
25 reimbursed for travel expenses incurred while engaged in the business
26 of the board as provided in RCW 43.03.050 and 43.03.060.

27 (2) The board is in liaison with the pesticide advisory board and
28 the pesticide incident reporting and tracking panel and shall review

1 the chemicals investigated by the laboratory according to the following
2 criteria:

3 (a) Chemical uses for which a data base exists on environmental
4 fate and acute toxicology, and that appear safer environmentally than
5 pesticides available on the market;

6 (b) Chemical uses not currently under evaluation by public
7 laboratories in Idaho or Oregon for use on Washington crops;

8 (c) Chemicals that have lost or may lose their registration and
9 that no reasonably viable alternatives for Washington crops are known;
10 and

11 (d) Other chemicals vital to Washington agriculture.

12 (3) The laboratory shall conduct research activities using approved
13 good laboratory practices, namely procedures and recordkeeping required
14 of the national IR-4 minor use pesticide registration program.

15 (4) The laboratory shall coordinate activities with the national
16 IR-4 program."

17 "NEW SECTION. Sec. 9. The center for sustaining agriculture
18 and natural resources at Washington State University shall prepare and
19 present an annual report to the appropriate legislative committees.
20 The first report, due no later than November 1, 1992, shall identify
21 criteria for determining acceptable risk for human and environmental
22 exposure to agricultural chemicals and the center's plan for conducting
23 research and education to find and promote acceptable alternatives to
24 those chemicals that do not meet the criteria established in the
25 report. For each subsequent year, the report shall detail the center's
26 progress toward meeting the goals identified in section 4 of this act."

27 "NEW SECTION. Sec. 10. If by June 30, 1991, the omnibus
28 operating budget appropriations act for the 1991-93 biennium does not

1 provide specific funding for sections 6, 7, and 8 of this act,
2 referencing those specific sections of this act by bill number and
3 section numbers, those sections of this act are null and void."

4 "NEW SECTION. **Sec. 11.** Sections 1 through 9 of this act shall
5 constitute a new chapter in Title 15 RCW."

6 **SHB 1426** - H COMM AMD
7 By Committee on Appropriations

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9 On page 1, line 2 of the title, after "University;" strike the
10 remainder of the title and insert "adding a new chapter to Title 15
11 RCW; and creating a new section."