

103<sup>D</sup> CONGRESS  
2<sup>D</sup> SESSION

# H. R. 5270

Entitled the "Farm Viability and Pest Management Improvement Act of 1994".

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## IN THE HOUSE OF REPRESENTATIVES

OCTOBER 7, 1994

Ms. MCKINNEY (for herself, Mr. BROWN of California, Mr. DELLUMS, Mr. FARR of California, Mr. FRANK of Massachusetts, Mr. HINCHEY, Mr. JOHNSON of Georgia, Mr. LEWIS of Georgia, Mr. NADLER, Mr. ROSE, and Ms. SHEPARD) introduced the following bill; which was referred to the Committee on Agriculture

## A BILL

Entitled the "Farm Viability and Pest Management Improvement Act of 1994".

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the "Farm Viability and  
5 Pest Management Improvement Act of 1994: A National  
6 Program for Pesticide Reduction".

7 **SEC. 2. FINDINGS.**

8 The Congress finds as follows:

9 (1) As documented by numerous reports by the  
10 National Academy of Sciences, Office of Technology

1 Assessment, General Accounting Office and others  
2 including, Alternative Agriculture, Soil and Water  
3 Quality: An Agenda for Agriculture, Pesticides in  
4 the Diets of Infants and Children, Pesticide Resist-  
5 ance: Strategies and Tactics for Management,  
6 Neurotoxicity: Identifying and Controlling Poisons of  
7 the Nervous System, and Sustainable Agriculture:  
8 Program Management, Accomplishments, and Op-  
9 portunities, current regulatory approaches are insuf-  
10 ficient to prevent pesticide-related pollution or to  
11 quantify all risks associated with routine pesticide  
12 use including worker exposure, residues in food,  
13 wildlife impacts, ground and surface water contami-  
14 nation, disruption of biological processes, and in-  
15 creased pest resistance.

16 (2) As documented in the Office of Technology  
17 Assessment report, *Beneath the Bottom Line: Agri-  
18 cultural Approaches to Reduce Agricultural Con-  
19 tamination of Groundwater* and the National Acad-  
20 emy of Sciences report, *Soil and Water Quality: An  
21 Agency for Agriculture*, a pollution prevention strat-  
22 egy is effective for addressing pesticide-related pollu-  
23 tion. Reducing pesticides at their source should be  
24 the fundamental approach for pollution prevention  
25 in farming and other pest management systems. A

1 pesticide reduction strategy as specified in this sec-  
2 tion will provide significant improvements in public  
3 health an environmental protection.

4 (3) As documented by the National Academy of  
5 Sciences report, Alternative Agriculture, pesticide re-  
6 duction can be achieved through widespread adop-  
7 tion of integrated pest management and other prac-  
8 tices and systems for agricultural sustainability.  
9 Such practices can lower costs for farmers and pest  
10 managers and in many cases increase quality, pro-  
11 ductivity, and yields.

12 **SEC. 3. CONGRESSIONAL PURPOSES.**

13 The purpose of this Act is to foster a substantial re-  
14 duction in pesticide use, and thereby reduce the public  
15 health and environmental risks of the present level of  
16 usage, while maintaining agricultural productivity and an  
17 affordable food supply. It is the intent of Congress that  
18 this Act be interpreted taking into account its text, the  
19 pertinent Committee Reports, and other legislative his-  
20 tory.

21 **SEC. 4. DEFINITION OF INTEGRATED PEST MANAGEMENT.**

22 Section 2 of the Federal Insecticide, Fungicide, and  
23 Rodenticide Act (7 U.S.C. 136) is amended by adding at  
24 the end the following subsection:

1 “(hh) INTEGRATED PEST MANAGEMENT SYSTEMS.—

2 The term ‘integrated pest management systems’ means  
3 the use and integration of various pest control tactics in  
4 the environment of a pest in a manner that—

5 “(1) complements and facilitates biological and  
6 other natural controls of the pest;

7 “(2) reduces the use of chemical pesticides;

8 “(3) relies primarily on the use of nonchemical  
9 pest management methods, with chemical pesticides  
10 being used only as a last resort;

11 “(4) reduces injuries to the public health and  
12 environment; and

13 “(5) is economically feasible, considering both  
14 private and public costs.”.

15 **SEC. 5. PESTICIDE USE REDUCTION PROGRAM.**

16 (a) The Federal Insecticide, Fungicide, and  
17 Rodenticide Act is amended—

18 (1) by redesignating sections 29, 30, and 31 (7  
19 U.S.C. 136w-4, 136x, and 136y) as sections 30, 31,  
20 and 32, respectively; and

21 (2) by inserting after section 28 the following  
22 new section:

23 **“SEC. 29. PESTICIDE REDUCTION COUNCILS.**

24 “(a) REGIONAL PESTICIDE REDUCTION COUN-  
25 CILS.—

1           “(1) ESTABLISHMENT.—Not later than 6  
2 months after the date of the enactment of this sec-  
3 tion, the Administrator, in consultation with the  
4 Secretary, shall establish a pesticide reduction coun-  
5 cil in each region of the Environmental Protection  
6 Agency.

7           “(2) MEMBERSHIP.—The Administrator shall  
8 appoint members to each regional council who equal-  
9 ly represent relevant Federal and State agencies,  
10 farmers, farm workers, university research and ex-  
11 tension, nonprofit organizations, the private sector,  
12 regional institutions, and environmental and  
13 consumer organizations who are experts in the re-  
14 search, practice, and policy relevant to integrated  
15 pest management.

16           “(3) DUTIES.—Each regional council shall,  
17 within 6 months after establishment—

18                   “(A) identify the most effective integrated  
19 pest management systems as defined in section  
20 3 for individual cropping systems that have  
21 been demonstrated by farmers to—

22                           “(i) use substantially less than the av-  
23 erage volume of pesticides for the cropping  
24 system in the region;

1           “(ii) be practical and profitable for  
2           the production of the crop within the re-  
3           gion;

4           “(iii) decrease pesticide hazards to  
5           workers, consumers, and the environment;  
6           and

7           “(iv) make optimum use of cultural  
8           and biological control practices to avoid  
9           buildup of pest populations feasible in the  
10          region;

11          “(B) within 6 months from the date of the  
12          enactment of this Act, establish measurable  
13          quantitative goals for the most technically fea-  
14          sible and ecologically protective pesticide use re-  
15          duction for individual cropping systems in the  
16          region utilizing the IPM systems identified in  
17          section 29(a)(3)(A); the goals shall be designed  
18          to bring prevailing patterns of pesticide usage  
19          into conformance with most effective integrated  
20          pest management systems;

21          “(C) develop a regionwide plan for achiev-  
22          ing the regional pesticide reduction goals estab-  
23          lished in section 29(a)(3)(B) including rec-  
24          ommendations for the roles of Federal and

1 State institutions and programs, as well as for  
2 farmer-to-farmer demonstration programs;

3 “(D) identify research and technology  
4 transfer needs specific to each cropping system  
5 and region and recommend research and tech-  
6 nology transfer priorities to the Secretary and  
7 Administrator; and

8 “(E) identify government and industry  
9 policies and practices that impede adoption of  
10 integrated pest management systems and rec-  
11 ommend policy changes to the Secretary and  
12 Administrator to ensure such adoption.

13 “(b) ADMINISTRATOR’S AND SECRETARY’S DU-  
14 TIES.—The Administrator and Secretary, in consultation  
15 with the pesticide reduction councils, shall—

16 “(1) assess and approve the integrated pest  
17 management systems and pesticide reduction plans  
18 and goals identified and established by the regional  
19 reduction councils;

20 “(2) develop and implement programs to assist  
21 farmers in adopting integrated pest management  
22 systems;

23 “(3) assess regional and national progress to-  
24 ward reducing pesticide usage; and

1           “(4) review and revise regional pesticide reduc-  
2           tion goals, if necessary, to achieve such goals.

3           “(c) REVIEW OF IPM SYSTEMS AND REDUCTION  
4 GOALS.—Within 15 months of enactment of this section,  
5 the Administrator, in consultation with the Secretary,  
6 shall assess and approve of the pesticide reduction goals  
7 and plans developed by each regional council. The Admin-  
8 istrator shall evaluate the effectiveness of the integrated  
9 pest management systems identified by the reduction  
10 councils and further evaluate the goals and plans taking  
11 into consideration pesticide use records and other relevant  
12 information. If the Administrator determines that reduc-  
13 tion goals or plan established by a reduction council is in-  
14 adequate to substantially reduce the risks of pesticides  
15 within that region or that it underestimates the extent of  
16 feasible pesticide reduction that can occur for that region,  
17 the Administrator shall not approve the plan. If the goals  
18 or plans for any region are not approved, each State with-  
19 in the region shall be denied use of any pesticide under  
20 section 24c and section 18 of the Federal Insecticide, Fun-  
21 gicide, and Rodenticide Act until such time as the plan  
22 is adequately approved.

23           “(d) PROGRAMS TO ASSIST FARMERS IN ADOPTING  
24 IPM SYSTEMS.—Not later than 18 months after the date  
25 of the enactment of this section, the Secretary, in con-



1 sultation with the Administrator and regional reduction  
2 councils, shall develop and implement programs, based on  
3 the plans developed by the reduction councils pursuant to  
4 section 29(a)(3)(C), to assist farmers in adopting inte-  
5 grated pest management systems and meeting regional re-  
6 duction goals including farmer-to-farmer demonstrations  
7 of effective IPM systems as identified in section  
8 29(a)(3)(A).

9 “(e) ASSESSMENT OF PROGRESS.—

10 “(1) BASELINE.—The Administrator shall  
11 measure annual progress toward meeting the re-  
12 gional reduction goals. The goals shall be measured  
13 against an averaged baseline reflecting pesticide ap-  
14 plications in the 3 years immediately prior to the ap-  
15 proval of the regional pesticide reduction plans dis-  
16 cussed in section 29(a)(3)(C). The baseline shall be  
17 derived from surveys of pesticide usage records for  
18 that region and other information.

19 “(2) MID-TERM EVALUATION.—Within 3 years  
20 of enactment of this Act, the Administrator shall as-  
21 sess progress toward achievement of the pesticide re-  
22 duction goals in each region. If the Administrator  
23 determines that adequate progress toward a regional  
24 goal or the overall purposes of the Act has not been  
25 made, the Secretary shall, within 1 year thereafter,

1 identify the barriers to further reductions in the re-  
2 gion and develop and implement a plan to overcome  
3 these barriers, taking into account the recommenda-  
4 tions made by the reduction councils in subpara-  
5 graphs (D) and (E) of section 29(a)(3).

6 “(3) ENFORCEMENT.—If, within 6 years of the  
7 date of the enactment of this Act, the Administrator  
8 determines, taking into account extenuating cir-  
9 cumstances, such as extreme weather conditions,  
10 that the goal or overall purposes of the Act have not  
11 been met within a region, the Administrator shall,  
12 after consultation with the Secretary, reduce or re-  
13 strict the use of any pesticide deemed to contribute  
14 significant risk to human health and the environ-  
15 ment or amend the label of such a pesticide, as may  
16 be necessary to achieve the regional reduction goals.

17 “(4) REVIEW AND REVISION OF GOALS.—The  
18 Administrator, in consultation with the Secretary,  
19 shall revise regional reduction goals in order to  
20 achieve additional reductions in pesticide usage if  
21 the Administrator determines that additional reduc-  
22 tions are—

23 “(A) necessary to the protection of public  
24 health or the environment; or

1           “(B) practical and feasible as a result of  
2           improvements in pest management systems and  
3           technologies.

4           “(f) FEE INCENTIVE.—Each registrant shall pay to  
5           the Secretary an assessment equal to  $\frac{2}{10}$  of 1 percent of  
6           the sales value of any registered pesticide. A registrant  
7           is not required to pay an assessment for pesticides reg-  
8           istered and labeled for use in further manufacturing or  
9           formulating of pesticide products. The proceeds of such  
10          assessment shall be used for demonstration and extension  
11          activities incurred under subsection (d) of this section.

12          “(g) NONAGRICULTURAL PESTICIDE REDUCTION.—

13           “(1) PUBLIC EDUCATION.—Not later than 1  
14          year after the date of the enactment of this section,  
15          the Administrator shall publish, and make available  
16          to the public, educational materials concerning inte-  
17          grated pest management systems for building and  
18          landscape pests. The materials shall include informa-  
19          tion on integrated pest management, pest identifica-  
20          tion, threshold identification, least toxic treatment  
21          options and timing, evaluation procedures, and other  
22          relevant information.

23           “(2) PESTICIDE REDUCTION PLAN.—Not later  
24          than 1 year after the date of the enactment of this  
25          section, the Administrator shall establish a program

1 to set quantitative goals for reducing or eliminating,  
2 to the extent practicable, the use of nonagricultural  
3 pesticides and to carry out plans to achieve such  
4 goals within 6 years. Highest priority shall be given  
5 to reducing the use of insecticides, fungicides, and  
6 herbicides used to control building and landscape  
7 pests.

8 “(h) PESTICIDE USE BY FEDERAL AGENCIES.—  
9 Each agency (as defined in section 551(1) of title 5, Unit-  
10 ed States Code, shall establish pesticide reduction goals  
11 and develop and implement integrated pest management  
12 systems to achieve the goals. Such goals shall apply, at  
13 least, to any Federal contract, grant, or cooperative agree-  
14 ment entered into by such agency.

15 “(i) PROGRESS REPORTS.—The Administrator shall  
16 publish and disseminate an annual assessment of progress  
17 in advancing adoption of most effective integrated pest  
18 management systems and achieving the overall purposes  
19 of this section.”.

20 (b) Subsection (c) of section 11 of the Federal Insec-  
21 ticide, Fungicide, and Rodenticide Act (7 U.S.C. 136i) is  
22 amended to read as follows:

23 “(c) INSTRUCTION IN INTEGRATED PEST MANAGE-  
24 MENT TECHNIQUES.—Standards prescribed by the Ad-  
25 ministrator for the certification of applicators of pesticides

1 under subsection (a), and State plans submitted to the Ad-  
2 ministrator under subsections (a) and (b), shall include  
3 provisions requiring that individuals receive comprehensive  
4 instruction in integrated pest management techniques, in-  
5 cluding field experience, and be shown to be competent  
6 with respect to the use of the techniques.”.

7 **SEC. 6. FEDERAL GOVERNMENT FOOD PURCHASES.**

8 (a) DETERMINATION OF PERCENTAGE OF ORGANI-  
9 CALLY PRODUCED FOOD.—Not later than 1 year after the  
10 date of the enactment of this section, and annually there-  
11 after, the Secretary of Agriculture shall determine the per-  
12 centage of food purchases throughout the United States  
13 that are organically produced as defined in the Food, Agri-  
14 culture and Conservation Trade Act (7 U.S.C. 6502(14)).

15 (b) GOALS.—

16 (1) 3-YEAR GOAL.—Not later than 3 years after  
17 the date of the enactment of this section, each agen-  
18 cy (as defined in section 551(1) of title 5, United  
19 States Code) shall develop a procurement plan that  
20 ensures that the percentage of the agency’s pur-  
21 chases of organically produced food meets or exceeds  
22 the percentage determined under subsection (a).

23 (2) 6-YEAR GOAL.—Not later than 6 years after  
24 the date of the enactment of this section, each agen-  
25 cy shall ensure that the percentage of the agency’s

1 purchases of organically produced food meets or ex-  
2 ceeds twice the percentage determined under sub-  
3 section (a).

4 **SEC. 7. PESTICIDE RECORDKEEPING AND REPORTING.**

5 (a) IN GENERAL.—The Federal Insecticide, Fun-  
6 gicide, and Rodenticide Act is amended by inserting after  
7 section 8 (7 U.S.C. 136f) the following new section:

8 **“SEC. 8a. PESTICIDE USE RECORDKEEPING AND REPORT-**  
9 **ING.**

10 “(a) REQUIREMENTS.—

11 “(1) IN GENERAL.—The Secretary of Agri-  
12 culture and the Administrator shall establish a na-  
13 tional pesticide use recordkeeping and reporting sys-  
14 tem for agricultural and nonagricultural applica-  
15 tions.

16 “(2) PERSONS REQUIRED TO KEEP RECORDS.—  
17 The following persons shall maintain records of pes-  
18 ticide use:

19 “(A) Any person who uses a pesticide for  
20 a commercial agricultural use.

21 “(B) Any person certified to apply a pes-  
22 ticide classified as a restricted use pesticide  
23 under section 3(d)(1)(C).

24 “(C) Any person engaged for hire in the  
25 business of pest control.

1           “(3) INFORMATION.—The records required  
2 under this section shall include the product name,  
3 target pest, crop, or site being treated, including  
4 total acreage or units treated, amount applied, date  
5 and time of application, and the location of applica-  
6 tion of each pesticide used. Records shall be main-  
7 tained using a standard form as specified by the  
8 Secretary.

9           “(4) ADDITIONAL RECORDS.—The Adminis-  
10 trator shall establish such additional recordkeeping  
11 requirements as necessary to evaluate adoption of  
12 nonchemical pest management methods and changes  
13 in pesticide usage patterns.

14           “(5) COPY OF RECORDS FROM APPLICATOR TO  
15 PRINCIPAL.—Within 7 days of a pesticide applica-  
16 tion, an applicator shall provide a copy of records  
17 maintained under paragraph (1) to the person for  
18 whom such application was provided.

19           “(6) RETENTION OF RECORDS.—Records re-  
20 quired pursuant to this section shall be retained for  
21 a period of at least 3 years following the application  
22 of a pesticide.

23           “(7) COPY OF RECORDS FROM APPLICATOR TO  
24 SECRETARY AND ADMINISTRATOR.—Every 6 months,  
25 a person subject to the recordkeeping requirements

1 of this section shall report the pesticide use of the  
2 person by providing copies of the records maintained  
3 under paragraphs (3) and (4) to the Secretary and  
4 the Administrator. An exception shall be made for a  
5 person who meets the definition of paragraph (2)  
6 and resides in a State that operates a comparable  
7 pesticide use recordkeeping and reporting system as  
8 determined by the Secretary. Such a person shall  
9 submit records in accordance with the State pro-  
10 gram.

11 “(8) COPY OF RECORDS FROM SECRETARY AND  
12 ADMINISTRATOR TO STATES.—Not later than 3  
13 months after receipt of the records, on the request  
14 of a State, the Secretary and the Administrator shall  
15 provide to the State copies of the records received  
16 under paragraph (7).

17 “(9) COPY OF RECORDS FROM STATES TO SEC-  
18 RETARY AND ADMINISTRATOR.—The Secretary and  
19 Administrator shall identify those States with pes-  
20 ticide recordkeeping and use reporting systems com-  
21 parable to the national program established by this  
22 Act. Every 6 months, such States shall be required  
23 to submit individual pesticide records to the Admin-  
24 istrator and Secretary.

25 “(b) PUBLIC ACCESS.—



1           “(1) IN GENERAL.—A record submitted to the  
2 Secretary and the Administrator under subsection  
3 (a)(7) shall be available to the public during normal  
4 working hours at a location designated by the Sec-  
5 retary and the Administrator, except that an em-  
6 ployee of a Federal agency may not disclose the  
7 identity of an individual grower.

8           “(2) DATABASE.—Not later than 1 year after  
9 the date of enactment of this section, the Adminis-  
10 trator shall establish and maintain in a computer  
11 database a national pesticide use inventory based on  
12 data submitted under subsection (a)(7). The Admin-  
13 istrator shall make the data accessible by computer  
14 telecommunication and other means to any inter-  
15 ested person or organization.

16           “(c) HEALTH CARE PERSONNEL.—

17           “(1) IN GENERAL.—If a health professional de-  
18 termines that pesticide information maintained  
19 under this section is necessary to provide medical  
20 treatment or first aid to an individual who may have  
21 been exposed to the pesticides for which the informa-  
22 tion is maintained, on request, a person required to  
23 maintain records under subsection (a) shall promptly  
24 provide the record and available label information to  
25 the health professional.

1           “(2) EMERGENCIES.—In the case of an emer-  
2           gency, the record information shall be provided im-  
3           mediately or within 24 hours.

4           “(d) ENFORCEMENT AND PENALTIES.—The Sec-  
5           retary, in consultation with the Administrator, shall be re-  
6           sponsible for enforcement of subsections (a), (b), and (c).  
7           A person who violates any such subsection during a crop  
8           year shall—

9           “(1) in the case of the first offense, be subject  
10          to a fine of not less than \$1,000;

11          “(2) in the case of the second offense, be sub-  
12          ject to a fine of not less than \$5,000; and

13          “(3) in the case of the third offense, be subject  
14          to a fine of not less than \$20,000.

15          “(e) PILOT PROJECT.—

16          “(1) IN GENERAL.—Not later than 90 days  
17          after the date of enactment of this section, the Sec-  
18          retary and the Administrator shall establish a pilot  
19          project to assess the feasibility of having pesticide  
20          users subject to the reporting requirements of this  
21          section submit such records using electronic or tele-  
22          phonic means.

23          “(2) REPORT.—Not later than 270 days after  
24          the date of enactment of this subsection, the Sec-  
25          retary and the Administrator shall report to the

1 Congress on the findings of the study and make rec-  
2 ommendations regarding widespread implementation  
3 of electronic or telephonic submission of pesticide  
4 use reports.

5 “(f) SURVEYS AND REPORTS.—

6 “(1) IN GENERAL.—The Secretary and the Ad-  
7 ministrator shall utilize the data submitted under  
8 subsection (a) to assess progress made towards  
9 achieving the national pesticide reduction goals of  
10 section 29 and in preparing the progress reports to  
11 Congress required under section 29(h). Within 3  
12 years of enactment and annually thereafter, the Sec-  
13 retary and Administrator shall submit a report to  
14 Congress assessing compliance with this provision of  
15 the Act including the percentage of growers in com-  
16 pliance and the number of enforcement actions  
17 taken.

18 “(2) MEMORANDUM OF UNDERSTANDING.—The  
19 Secretary and the Administrator shall enter a memo-  
20 randum of understanding that defines the respective  
21 responsibilities of the Secretary and the Adminis-  
22 trator under this section in order to avoid duplica-  
23 tion of efforts.

24 “(g) REGULATIONS.—Not later than 180 days after  
25 the date of the enactment of this section, the Secretary

1 and the Administrator shall issue such regulations under  
2 their respective authority, as are necessary to carry out  
3 their respective duties under this section.”.

4 (b) CONFORMING AMENDMENTS.—

5 (1) Section 11 of the Federal Insecticide,  
6 Rodenticide and Fungicide Act (7 U.S.C. 1361) is  
7 amended—

8 (A) by striking subsection (d); and

9 (B) by redesignating subsection (e) as sub-  
10 section (d).

11 (2) Section 1491 of the Food, Agriculture, Con-  
12 servation, and Trade Act of 1990 (7 U.S.C. 136i-  
13 1) is repealed.

14 **SEC. 8. AGRICULTURE RESEARCH.**

15 Section 20 of the Federal Insecticide, Fungicide and  
16 Rodenticide Act (7 U.S.C. 136r) is amended by redesignig-  
17 nating subsections (b) and (c) as subsections (c) and (d)  
18 and by adding a new subsection (b) to read as follows:

19 “(b)(1) AGRICULTURAL RESEARCH SERVICE AND  
20 COOPERATIVE EXTENSION SERVICE.—No later than 6  
21 months from the date of enactment of this section, the  
22 Secretary of Agriculture shall ensure that the predominant  
23 goal of all pest and weed management research and exten-  
24 sion activities conducted within Agricultural Research  
25 Service and the Cooperative Extension Service, respec-

1 tively, is development of and transfer of technology related  
2 to integrated pest management systems that reduce the  
3 use of or reliance on pesticides and are otherwise consist-  
4 ent with the goals of this Act and the purposes and prin-  
5 ciples set forth in sections 5801 and 5901 of title 7, Unit-  
6 ed States Code.

7 “(2) REPORT TO CONGRESS.—Within 2 years of en-  
8 actment of this section and biannually thereafter, the Sec-  
9 retary of Agriculture shall report to Congress the progress  
10 of the Agricultural Research Service and Cooperative Ex-  
11 tension Service in developing and transferring technology  
12 related to integrated pest management systems that re-  
13 duce the use of or reliance on pesticides and otherwise  
14 meet the goals of this Act.”.

15 **SEC. 9. GRANTS.**

16 Section 2 of the Act entitled “An Act to facilitate  
17 the work of the Department of Agriculture, and for other  
18 purposes” (7 U.S.C. 450i) is amended by adding at the  
19 end the following:

20 “(n) COMPETITIVE GRANTS.—

21 “(1) NATIONAL RESEARCH INITIATIVE.—Within  
22 6 months of enactment of this section, the Secretary  
23 of Agriculture shall ensure that the goal of pest  
24 management research conducted by the National Re-  
25 search Initiative in the areas of plant systems and

1 natural resources and environment is development of  
2 biological, cultural and other nonchemical methods  
3 of pest control that reduce the use of or reliance on  
4 pesticides and are compatible with the goals of this  
5 Act and the development of systems of sustainable  
6 agriculture.

7 “(2) INTEGRATED PEST MANAGEMENT SYSTEMS  
8 DEFINED.—For the purposes of this section, the  
9 term ‘integrated pest management systems’ shall  
10 have the same meaning as that term is defined in  
11 section 2(hh) of the Federal Insecticide, Fungicide  
12 and Rodenticide Act.

13 “(3) REGULATIONS AND COMMENT.—Not later  
14 than 1 year from the date of enactment of this sec-  
15 tion, the Secretary of Agriculture shall adopt regula-  
16 tions establishing priorities and resource allocations  
17 for competitive grants research in Integrated Pest  
18 Management systems.

19 “(4) REVIEW PROCESS.—Not later than 1 year  
20 from the date of enactment of this section, the Sec-  
21 retary shall establish a 2-tier review process for com-  
22 petitive grants to support integrated pest manage-  
23 ment projects. The first tier shall be a scientific re-  
24 view. The second tier shall be by an external review  
25 panel consisting of at least one member of each of

1 the regional pesticide reduction councils, a farmer  
2 involved in onfarm and educational outreach, a so-  
3 cial scientist with expertise in technology assessment  
4 and the structure of agriculture, and a representa-  
5 tive of a nonprofit organization involved in agricul-  
6 tural research or research policy with expertise in  
7 assessing the social and environmental effects of  
8 farming systems. The review panel shall assess an-  
9 nually the progress of the competitive grants pro-  
10 grams in developing integrated pest management  
11 systems that reduce the use of or reliance on pes-  
12 ticides and otherwise meet the goals of this Act and  
13 the Food, Agriculture, Conservation, and Trade Act  
14 of 1990.

15 “(5) COST-SHARE ASSISTANCE FOR IPM.—Not  
16 later than 3 years from enactment of this section,  
17 the Secretary shall ensure that no less than 10 per-  
18 cent of Agricultural Conservation Program funding  
19 shall be made available for the Integrated Crop  
20 Management program. The Secretary shall also en-  
21 sure that the Integrated Crop Management program  
22 is available in every county and State and that the  
23 Cooperative Extension Service provides the support  
24 needed for its agents to be involved in developing

- 1 and reviewing Integrated Crop Management cost-
- 2 share assistance requests.”.
- 3 HR 5270 IH—2