

**AMENDMENT TO H.R. 2419, AS REPORTED
OFFERED BY MR. HASTINGS OF FLORIDA**

At the end of title XI add the following new section:

1 **SEC. ____ . POLLINATOR PROTECTION.**

2 (a) **SHORT TITLE.**—This section may be cited as the
3 “Pollinator Protection Act of 2007”.

4 (b) **FINDINGS.**—Congress finds that—

5 (1) many of the crops that humans and live-
6 stock consume rely on pollinators for healthy
7 growth;

8 (2) pollination by honey and native bees adds
9 more than \$18,000,000,000 annually to the value of
10 United States crops;

11 (3) $\frac{1}{3}$ of the food supply of the United States
12 depends on bee pollination, which makes the man-
13 agement and protection of pollinators an issue of
14 paramount importance to the security of the United
15 States food supply system;

16 (4) colony collapse disorder is the name that
17 has been given to the latest die-off of honey bee colo-
18 nies, exacerbating the continual decline of pollinators
19 in North America;

1 (5) honey bee colonies in more than 23 states
2 have been affected by colony collapse disorder;

3 (6) if the current rate of decline continues, the
4 United States will be forced to rely more heavily on
5 imported foods, which will destabilize the food secu-
6 rity of the United States through adverse affects on
7 the availability, price, and quality of the many fruits,
8 vegetables, and other products that depend on ani-
9 mal pollination; and

10 (7) enhanced funding for research on honey
11 bees, native bees, parasites, pathogens, toxins, and
12 other environmental factors affecting bees and polli-
13 nation of cultivated and wild plants will result in
14 methods of response to colony collapse disorder and
15 other factors causing the decline of pollinators in
16 North America.

17 (c) AUTHORIZATIONS OF APPROPRIATIONS.—

18 (1) AGRICULTURAL RESEARCH SERVICE.—

19 There is authorized to be appropriated to the Sec-
20 retary of Agriculture, acting through the Agricul-
21 tural Research Service—

22 (A) \$3,000,000 for each of fiscal years
23 2008 through 2012, to be used for new per-
24 sonnel, facilities improvement, and additional

1 research at Department of Agriculture Bee Re-
2 search Laboratories;

3 (B) \$2,500,000 for each of fiscal years
4 2008 and 2009, to be used for research on
5 honey and native bee physiology, insect pathol-
6 ogy, insect chemical ecology, and honey and na-
7 tive bee toxicology at other Department of Agri-
8 culture facilities in New York, Florida, Cali-
9 fornia, Utah, and Texas; and

10 (C) \$1,750,000 for each of fiscal years
11 2008 through 2010, to be used for an area-wide
12 research program to identify causes and solu-
13 tions for colony collapse disorder in affected
14 States.

15 (2) COOPERATIVE STATE RESEARCH, EDU-
16 CATION, AND EXTENSION SERVICE.—There is au-
17 thorized to be appropriated to the Secretary of Agri-
18 culture, acting through the Cooperative State Re-
19 search, Education, and Extension Service,
20 \$10,000,000 for each of fiscal years 2008 through
21 2012 to be used to fund Department of Agriculture
22 extension and research grants to investigate—

23 (A) honey bee biology, immunology, and
24 ecology;

25 (B) honey bee genomics;

1 (C) honey bee bioinformatics;

2 (D) native bee crop pollination and habitat
3 conservation;

4 (E) native bee taxonomy and ecology;

5 (F) pollination biology;

6 (G) sublethal effects of insecticides, herbi-
7 cides, and fungicides on honey bees, native pol-
8 linators, and other beneficial insects;

9 (H) the effects of genetically-modified
10 crops, including the interaction of genetically-
11 modified crops with honey bees and other native
12 pollinators; and

13 (I) honey, bumble, and other native bee
14 parasites and pathogens and effects on other
15 native pollinators.

16 (3) ANIMAL AND PLANT HEALTH INSPECTION
17 SERVICE.—There is authorized to be appropriated to
18 the Secretary of Agriculture, acting through the Ani-
19 mal and Plant Health Inspection Service,
20 \$2,250,000 for each of fiscal years 2008 through
21 2012 to conduct a nationwide honey bee pest and
22 pathogen surveillance program.

23 (d) ANNUAL REPORTS.—The Secretary of Agri-
24 culture, acting through the Agricultural Research Service
25 and the Cooperative State Research, Education, and Ex-

1 tension Service, shall submit to the Committee on Agri-
2 culture of the House of Representatives and the Com-
3 mittee on Agriculture, Nutrition, and Forestry of the Sen-
4 ate a report on the status and progress of bee research
5 projects that are carried out by the Secretary.

6 (e) GIVING POLLINATOR HABITAT AND PROTECTION
7 A PRIORITY IN CONSERVATION PROGRAMS.—Section
8 1244 of the Food Security Act of 1985 (16 U.S.C. 3844)
9 is amended by adding at the end the following new sub-
10 section:

11 “(c) NATIVE AND MANAGED POLLINATORS.—In car-
12 rying out any conservation program administered by the
13 Secretary, except the farmland protection program, the
14 Secretary shall establish a priority and provide incentives
15 for—

16 “(1) increasing habitat for native and managed
17 pollinators, especially native habitat; and

18 “(2) establishing cropping systems, integrated
19 pest management regimes, and other practices to
20 protect native and managed pollinators.”.