

# Bee Health: Background and Issues for Congress (CRS Reports)



Bees, both commercially managed honey bees and wild bees, play an important role in global food production. In the United States alone, the value of insect pollination to U.S. agricultural production is estimated at \$16 billion annually, of which about three-fourths is attributable to honey bees. Worldwide, the contribution of bees and other insects to global crop production for human food is valued at about \$190 billion. Given the importance of honey bees and other bee species to food production, many have expressed concern about whether a pollinator crisis has been occurring in recent decades. Over the past few decades there has been heightened concern about the plight of honey bees as well as other bee and pollinator species. Although honey bee colony losses due to bee pests, parasites, and disease are not uncommon, there is the perception that bee health has been declining at a faster rate both in the United States and globally in recent years. This situation gained increased attention in 2006 as some commercial beekeepers began reporting sharp declines in their honey bee colonies. Because of the severity and unusual circumstances of these colony declines, scientists named this phenomenon colony collapse disorder (CCD). Since then, honey bee colonies have continued to dwindle each year, for reasons not solely attributable to CCD. The U.S. Department of Agriculture (USDA) reports that CCD may not be the only or even the major cause of bee colony losses in recent years. In the United States, USDA estimates of overwinter colony losses from all causes have averaged more than 30% annually since 2006. To date, the precise reasons for bee colony losses are not yet known. Reasons cited for bee declines include a wide range of possible factors thought to be affecting pollinator species. These include bee pests and disease, diet and nutrition, genetics, habitat loss and other environmental stressors, agricultural

pesticides, and beekeeping management issues, as well as the possibility that bees are being affected by cumulative, multiple exposures and/or the interactive effects of several of these factors.

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Colony Collapse Disorder. **Bee Health: Background and Issues for Congress - Every CRS Report** Apr 9, 2014 Bee Health: Background and Issues for Congress .. 4 For more information, see CRS Report RL33938, Honey Bee Colony Collapse Disorder. **All news - STEP Project** Mar 2, 2015 Congressional Research Service Releases Report on the Role of Pesticides in Bee Health . enable steady funding growth for the National Institutes of Health (NIH), the Centers for Disease .. Sources and Additional Background: While pesticides can have negative effects on bee health, it is still not. **Bee Health: The Role of Pesticides -** Aug 27, 2013 Bee Health: Background and Issues for Congress .. 4 For more information, see CRS Report RL33938, Honey Bee Colony Collapse Disorder. **Ag & the Environment - Food, Farming, & Sustainability** Feb 17, 2015 Congressional Research Service. 7-5700 . The focus of this report on bee exposure to pesticides is not intended to imply that pesticides are any more .. Bee Health: Background and Issues for Congress. 2 United **Bee Health: Background and Issues for Congress (report)** It excerpts, with minor modifications, the Clean Air Act chapter of CRS Report RL30798, Environmental Bee Health: Background and Issues for Congress. **Mapping Large-Area Landscape Suitability for Honey Bees - PLOS** However, in late 2006, concerns about honey bees This issue was legislatively active in the 110th Congress and For more information, see: CRS Report R43191, Bee Health: Background and **Synergistic toxicity and physiological impact of imidacloprid alone** Dec 11, 2012 Congressional interest in the health of honey bees and other Because neonicotinoid pesticides have been the focus of concerns in Europe Background . . 3 For more information, see CRS Report RL33938, Honey Bee **Science and Technology Policy - Every CRS Report Bee Health: The Role of Pesticides - College of Agricultural Sciences** Feb 17, 2015 Bee Health: Background and Issues for Congress. 2 United . See also CRS Report RL31921, Pesticide Law: A Summary of the Statutes. **Bee Health: Background and Issues for Congress - UNT Digital Library** Claudia Copeland, Clean Water Act Section 401: Background and Issues, GAO Report: Bee Health: USDA and EPA Should Take Additional Actions to Renee Johnson and M. Lynne Corn, Bee Health: Background and Issues for Congress, Cong. See, below, CRS Report, Can a New Administration Undo a Previous **Bee Health: The Role of Pesticides - Federation of American Scientists** Jun 11, 2014 Washington, D.C.: Congressional Research Service Report for Congress Corn ML (2013) Bee health: background and issues for Congress. **Bee Health: The Role of Pesticides - The National Agricultural Law** However, in late 2006, concerns about honey bees gained Bee Health: Background and Issues for Congress. **Bee Health: Background and Issues for Congress - Digital Library** Jan 20, 2015 Bee Health: Background and Issues for Congress [January 20, 2015] [open pdf - 530 KB ] Report Number: CRS Report for Congress, R43191. **Bee Health: Background and Issues for Congress - Semantic Scholar** Feb 9, 2015 Congressional Research Service. 7-5700 . The focus of this report on bee exposure to pesticides is not intended to imply that pesticides are any more .. 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Other studies [6465] also reported that an imidazole fungicide, by inhibiting Bee Health: Background and Issues for Congress. Congressional Research Service 75700. Bee Health: Background and Issues for Congress (report). By Renee Johnson and M. Lynne Corn. US Congressional Research Service (CRS) report for bees **Bee Health: Background and Issues for Congress, Sequence: 18** An unofficial collection of CRS reports on national security. June 6, 2017 Changes in the Arctic: Background and Issues for Congress, June 6, 2017 Budget Proposes Cuts in Public Health Service (PHS) Agency Funding, CRS Insight, May